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EDITORIAL NOTICE

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After much deliberation, it has been decided that it has become impracticable to list in the *Minor Planet Circulars* the individual minor planets recorded by each observer. (Of course, the observations themselves, by object, appear—uncredited—in the *Supplement* series.) Beginning with this *MPC* batch only a total count of observations, objects and discoveries is supplied for each observer. Regrettably, this form of presentation renders less obvious the relative contributions of the various observers.

ERRATA

<i>MPC</i>	Line	
50961	-30	For Yeung, W. Y. K. read Yeung, W. K. Y.
51875	-21	For Bole, T. read Boles, T.
52326	10	For Tetsuru Fuse read Tetsuharu Fuse
52326	10	For Tetsuru's read Tetsuharu's

NEW OBSERVATORY CODES

The following listing is a continuation to that on *MPC* 52267. The longitudes λ are measured in degrees eastward from Greenwich, and the parallax constants $\rho \cos \phi'$ and $\rho \sin \phi'$ are the product of the geocentric distance (in earth equatorial radii) and the cosine and sine, respectively, of the geocentric latitude.

Obs.	λ	$\rho \cos \phi'$	$\rho \sin \phi'$	
A10	1.9281	0.75278	+0.65613	Observatori Astronomic de Corbera
A56	10.3197	0.71406	+0.69784	Parma
F65	203.7424	0.93624	+0.35154	Haleakala-Faulkes Telescope North

G64	239.2911	0.77535	+0.62979	Blue Canyon Observatory
G98	251.3435	0.81504	+0.57801	Calvin-Rehoboth Observatory, Rehoboth
J50	342.1176	0.87764	+0.47847	La Palma-NEON

CORRECTED OBSERVATIONS

The following observations correct those previously published.

Object	Date	UT	α_{2000}	δ_{2000}	Reference	Mag.	N Obs.
1981 EF ₃₃	2004 06 21.88933		16 15 49.44	-11 39 41.2	<i>MPS</i> 109533		1 599
1981 EF ₃₃	2004 06 21.90160		16 15 49.04	-11 39 39.8	<i>MPS</i> 109533		1 599
1986 YQ	* 1986 12 27.41806		09 13 41.06	+16 45 01.3	<i>MPC</i> 11600		675
1986 YQ	1986 12 27.45972		09 13 40.29	+16 45 15.4	<i>MPC</i> 11600	18.2	675
1991 TK ₂	1991 07 17.36181		21 10 21.26	+16 48 11.6	<i>MPS</i> 81311		1 261
1991 TK ₂	1991 07 17.41736		21 10 23.02	+16 48 47.3	<i>MPS</i> 81311		1 261
1992 EE ₉	2004 06 22.97485		19 43 44.28	-25 45 21.8	<i>MPS</i> 109534		1 599
1992 EE ₉	2004 06 22.98149		19 43 43.97	-25 45 23.0	<i>MPS</i> 109534		1 599
1992 EE ₉	2004 06 22.98813		19 43 43.70	-25 45 24.2	<i>MPS</i> 109534		1 599
1993 RO ₂₀	* 1993 09 15.25035		23 59 46.59	-00 13 04.8	<i>MPC</i> 25300	18.5	809
1993 RO ₂₀	1993 09 15.27118		23 59 45.44	-00 13 14.0	<i>MPC</i> 25300		809
1993 RO ₂₀	1993 09 15.29201		23 59 44.42	-00 13 22.9	<i>MPC</i> 25300		809
1994 CK ₃	2004 06 21.88933		16 17 59.51	-11 57 30.9	<i>MPS</i> 109534		1 599
1994 CK ₃	2004 06 21.90160		16 17 58.92	-11 57 30.9	<i>MPS</i> 109534		1 599
1996 PU ₂	2002 01 16.07183		08 54 45.55	+15 07 16.8	<i>MPS</i> 77753	20.5	461
1996 PU ₂	2002 01 16.07571		08 54 45.31	+15 07 17.5	<i>MPS</i> 77753		461
1996 PU ₂	2002 01 16.07958		08 54 45.06	+15 07 18.9	<i>MPS</i> 77753		1 461
1996 PU ₂	2002 01 16.08346		08 54 44.84	+15 07 20.0	<i>MPS</i> 77753		461
1997 NF ₃	2004 06 22.97485		19 45 26.12	-25 48 02.2	<i>MPS</i> 109535		1 599
1997 NF ₃	2004 06 22.98149		19 45 25.84	-25 48 04.0	<i>MPS</i> 109535		1 599
1997 NF ₃	2004 06 22.98813		19 45 25.55	-25 48 06.4	<i>MPS</i> 109535		1 599
1998 HA ₄₂	2004 06 16.96909		17 14 54.20	-07 15 00.4	<i>MPS</i> 108935		1 599
1998 HA ₄₂	2004 06 16.97986		17 14 53.69	-07 15 00.1	<i>MPS</i> 108935		1 599
1998 HA ₄₂	2004 06 16.99069		17 14 53.16	-07 14 59.4	<i>MPS</i> 108935		1 599
1998 HA ₄₂	2004 06 17.00152		17 14 52.64	-07 14 58.6	<i>MPS</i> 108935		1 599
1998 HJ ₄₂	2004 06 22.93593		16 25 55.09	-12 48 02.1	<i>MPS</i> 109536		1 599
1998 HJ ₄₂	2004 06 22.94422		16 25 54.79	-12 48 02.3	<i>MPS</i> 109536		1 599

1998 HJ ₄₂	2004 06 22.95093	16 25 54.47	-12 48 02.5	MPS109536	1 599	2000 EO ₆₇	2004 06 22.93429	16 24 22.99	-11 27 54.0	MPS109543	1 599
1998 HJ ₄₂	2004 06 22.95938	16 25 54.24	-12 48 03.2	MPS109536	1 599	2000 EO ₆₇	2004 06 22.94258	16 24 22.64	-11 27 53.8	MPS109543	1 599
1998 SC ₁₃₁	2004 06 22.88295	16 23 46.07	-16 48 26.6	MPS109536	1 599	2000 EO ₆₇	2004 06 22.94929	16 24 22.32	-11 27 53.8	MPS109543	1 599
1998 SC ₁₃₁	2004 06 22.89288	16 23 45.55	-16 48 25.3	MPS109536	1 599	2000 EO ₆₇	2004 06 22.95774	16 24 21.95	-11 27 53.5	MPS109543	1 599
1998 SC ₁₃₁	2004 06 22.90281	16 23 45.01	-16 48 23.4	MPS109536	1 599	2000 EX ₇₇	2004 06 15.86445	16 10 22.17	-17 07 26.9	MPS108951	1 599
1998 SC ₁₃₁	2004 06 22.91274	16 23 44.48	-16 48 22.3	MPS109536	1 599	2000 EX ₇₇	2004 06 15.87591	16 10 21.68	-17 07 27.4	MPS108951	1 599
1998 XF ₄₅	2004 06 22.01276	19 45 59.09	-24 31 24.1	MPS109536	1 599	2000 EX ₇₇	2004 06 15.88733	16 10 21.07	-17 07 27.2	MPS108951	1 599
1998 XF ₄₅	2004 06 22.01894	19 45 58.75	-24 31 24.2	MPS109536	1 599	2000 EJ ₁₀₉	2004 06 22.88459	16 22 56.67	-17 23 34.3	MPS109543	1 599
1998 XF ₄₅	2004 06 22.02046	19 45 58.69	-24 31 24.4	MPS109536	1 599	2000 EJ ₁₀₉	2004 06 22.89455	16 22 56.25	-17 23 32.4	MPS109543	1 599
1998 XF ₄₅	2004 06 22.02664	19 45 58.32	-24 31 25.2	MPS109536	1 599	2000 EJ ₁₀₉	2004 06 22.90445	16 22 55.84	-17 23 30.9	MPS109543	1 599
1998 XF ₄₅	2004 06 22.02817	19 45 58.25	-24 31 24.7	MPS109536	1 599	2000 EJ ₁₀₉	2004 06 22.91436	16 22 55.42	-17 23 29.1	MPS109543	1 599
1998 XF ₄₅	2004 06 22.03435	19 45 57.91	-24 31 25.3	MPS109536	1 599	2000 EM ₁₄₉	2004 06 22.01428	19 46 17.01	-23 09 24.7	MPS109544	1 599
1998 XF ₄₅	2004 06 22.03586	19 45 57.83	-24 31 25.0	MPS109536	1 599	2000 EM ₁₄₉	2004 06 22.02197	19 46 16.62	-23 09 26.2	MPS109544	1 599
1998 XF ₄₅	2004 06 22.96985	19 45 07.25	-24 32 13.4	MPS109536	1 599	2000 EM ₁₄₉	2004 06 22.02970	19 46 16.20	-23 09 27.7	MPS109544	1 599
1998 XF ₄₅	2004 06 22.97649	19 45 06.84	-24 32 14.3	MPS109536	1 599	2000 EM ₁₄₉	2004 06 22.97320	19 45 28.68	-23 12 40.3	MPS109544	1 599
1998 YP ₁₆	2004 06 22.95443	16 26 36.21	-13 54 15.0	MPS109537	1 599	2000 EM ₁₄₉	2004 06 22.97985	19 45 28.33	-23 12 41.6	MPS109544	1 599
1998 YP ₁₆	2004 06 22.96274	16 26 35.74	-13 54 15.8	MPS109537	1 599	2000 EM ₁₄₉	2004 06 22.98649	19 45 27.94	-23 12 43.1	MPS109544	1 599
1999 BF ₁₀	2004 06 24.90268	16 33 03.90	-12 12 50.1	MPS109537	1 599	2000 EM ₁₄₉	2004 06 22.99313	19 45 27.60	-23 12 45.0	MPS109544	1 599
1999 BF ₁₀	2004 06 24.91366	16 33 03.40	-12 12 51.5	MPS109537	1 599	2000 FK ₂₃	2004 06 15.85726	16 09 46.04	-12 04 06.6	MPS108953	1 599
1999 BF ₁₀	2004 06 24.92291	16 33 02.98	-12 12 52.3	MPS109537	1 599	2000 FK ₂₃	2004 06 15.86730	16 09 45.41	-12 04 08.9	MPS108953	1 599
1999 BF ₁₀	2004 06 24.93370	16 33 02.49	-12 12 53.4	MPS109537	1 599	2000 FK ₂₃	2004 06 15.87876	16 09 44.80	-12 04 10.4	MPS108953	1 599
1999 QB ₂	2004 06 23.05558	01 38 11.16	+15 42 24.7	MPS109538	1 599	2000 GW ₃₄	2004 06 24.03932	20 43 12.23	-13 45 05.1	MPS109544	1 599
1999 QB ₂	2004 06 23.06548	01 38 12.13	+15 42 32.4	MPS109538	1 599	2000 GW ₃₄	2004 06 24.05254	20 43 11.87	-13 45 05.6	MPS109544	1 599
1999 QB ₂	2004 06 23.07514	01 38 13.07	+15 42 39.6	MPS109538	1 599	2000 GW ₃₄	2004 06 24.07895	20 43 11.19	-13 45 07.0	MPS109544	1 599
1999 QB ₂	2004 06 23.08507	01 38 14.13	+15 42 46.0	MPS109538	1 599	2000 GF ₇₈	2004 06 22.88459	16 21 16.93	-17 38 07.6	MPS109545	1 599
1999 RV ₁₁₈	2004 06 24.04268	20 40 42.49	-16 01 38.4	MPS109539	1 599	2000 GF ₇₈	2004 06 22.89455	16 21 16.47	-17 38 07.1	MPS109545	1 599
1999 RV ₁₁₈	2004 06 24.05587	20 40 42.10	-16 01 37.3	MPS109539	1 599	2000 GF ₇₈	2004 06 22.90445	16 21 16.00	-17 38 06.5	MPS109545	1 599
1999 RV ₁₁₈	2004 06 24.06909	20 40 41.68	-16 01 36.5	MPS109539	1 599	2000 GF ₇₈	2004 06 22.91436	16 21 15.52	-17 38 06.0	MPS109545	1 599
1999 TZ ₂₇₉	2004 06 22.01739	19 46 27.26	-21 59 07.6	MPS109540	1 599	2000 HY ₇₁	2004 06 22.85076	16 23 11.28	-10 54 13.0	MPS109547	1 599
1999 TZ ₂₇₉	2004 06 22.02509	19 46 26.96	-21 59 08.6	MPS109540	1 599	2000 HY ₇₁	2004 06 22.85997	16 23 10.79	-10 54 11.1	MPS109547	1 599
1999 TZ ₂₇₉	2004 06 22.03283	19 46 26.66	-21 59 10.0	MPS109540	1 599	2000 HY ₇₁	2004 06 22.86921	16 23 10.30	-10 54 09.0	MPS109547	1 599
1999 TZ ₂₇₉	2004 06 22.04051	19 46 26.36	-21 59 11.1	MPS109540	1 599	2000 JS	2004 06 22.01739	19 48 47.00	-21 37 14.3	MPS109547	1 599
1999 VR ₈₃	2004 06 25.04349	00 17 53.97	+11 11 38.0	MPS109541	1 599	2000 JS	2004 06 22.02509	19 48 46.60	-21 37 16.2	MPS109547	1 599
1999 VR ₈₃	2004 06 25.06504	00 17 55.05	+11 11 45.5	MPS109541	1 599	2000 JS	2004 06 22.04051	19 48 45.77	-21 37 18.0	MPS109547	1 599
1999 VR ₈₃	2004 06 25.07578	00 17 55.48	+11 11 51.6	MPS109541	1 599	2000 JT ₁	2004 06 22.88459	16 22 21.70	-17 56 21.7	MPS109547	1 599
2000 AB ₁₄₄	2004 06 25.04349	00 17 01.17	+11 18 18.3	MPS109541	1 599	2000 JT ₁	2004 06 22.89455	16 22 21.10	-17 56 24.0	MPS109547	1 599
2000 AB ₁₄₄	2004 06 25.05428	00 17 02.05	+11 18 32.6	MPS109541	1 599	2000 JT ₁	2004 06 22.91436	16 22 19.86	-17 56 31.4	MPS109547	1 599
2000 AB ₁₄₄	2004 06 25.06504	00 17 02.91	+11 18 45.6	MPS109541	1 599	2000 KH ₁₃	2004 06 22.88630	16 20 55.50	-18 14 11.6	MPS109548	1 599
2000 AB ₁₄₄	2004 06 25.07578	00 17 03.85	+11 19 00.0	MPS109541	1 599	2000 KH ₁₃	2004 06 22.89624	16 20 55.02	-18 14 09.9	MPS109548	1 599
2000 AC ₁₈₅	2004 06 22.93429	16 26 52.77	-11 19 14.9	MPS109542	1 599	2000 KH ₁₃	2004 06 22.90617	16 20 54.57	-18 14 08.0	MPS109548	1 599
2000 AC ₁₈₅	2004 06 22.94258	16 26 52.22	-11 19 15.0	MPS109542	1 599	2000 KH ₁₃	2004 06 22.91607	16 20 54.09	-18 14 05.1	MPS109548	1 599
2000 AC ₁₈₅	2004 06 22.94929	16 26 51.93	-11 19 14.8	MPS109542	1 599	2000 LY	2004 06 24.96631	20 15 09.74	-14 39 02.7	MPS109548	1 599
2000 AC ₁₈₅	2004 06 22.95774	16 26 51.52	-11 19 14.7	MPS109542	1 599	2000 LY	2004 06 24.97624	20 15 09.40	-14 39 01.5	MPS109548	1 599
2000 CK	2004 06 21.88933	16 18 35.35	-11 58 00.9	MPS109542	1 599	2000 LY	2004 06 24.98619	20 15 09.05	-14 39 00.6	MPS109548	1 599
2000 CK	2004 06 21.90160	16 18 34.61	-11 58 02.7	MPS109542	1 599	2000 LY	2004 06 24.99612	20 15 08.73	-14 38 59.6	MPS109548	1 599
2000 CU ₈₅	2004 06 24.91521	16 34 35.51	-14 06 33.0	MPS109542	1 599	2000 LB ₃₄	2004 06 21.89701	16 18 26.10	-15 29 57.5	MPS109549	1 599
2000 CU ₈₅	2004 06 24.93678	16 34 34.57	-14 06 35.8	MPS109542	1 599	2000 LB ₃₄	2004 06 21.90931	16 18 25.53	-15 30 00.4	MPS109549	1 599
2000 DD ₇₆	2004 06 21.88933	16 18 05.43	-11 48 44.0	MPS109542	1 599	2000 LB ₃₄	2004 06 21.92299	16 18 24.92	-15 30 03.6	MPS109549	1 599
2000 DD ₇₆	2004 06 21.90160	16 18 04.97	-11 48 44.9	MPS109542	1 599	2000 LB ₃₄	2004 06 21.93530	16 18 24.35	-15 30 06.5	MPS109549	1 599
2000 ER ₄₈	2004 06 22.97320	19 46 21.31	-22 48 50.2	MPS109543	1 599	2000 NJ ₃	2004 06 21.88933	16 15 34.92	-11 31 27.9	MPS109549	1 599
2000 ER ₄₈	2004 06 22.97985	19 46 20.99	-22 48 50.5	MPS109543	1 599	2000 NJ ₃	2004 06 21.90160	16 15 34.36	-11 31 28.4	MPS109549	1 599
2000 ER ₄₈	2004 06 22.98649	19 46 20.67	-22 48 51.6	MPS109543	1 599	2000 ND ₈	2004 06 24.03439	20 40 34.32	-11 41 00.7	MPS109549	1 599
2000 ER ₄₈	2004 06 22.99313	19 46 20.30	-22 48 52.6	MPS109543	1 599	2000 ND ₈	2004 06 24.04761	20 40 33.96	-11 41 02.1	MPS109549	1 599

2000 ND ₈	2004 06 24.06080	20 40 33.57	-11 41 02.2	MPS109549	1 599	2000 TV ₄₇	2004 06 22.98149	19 45 48.23	-25 51 10.8	MPS109559	1 599	
2000 ND ₈	2004 06 24.07402	20 40 33.22	-11 41 04.5	MPS109549	1 599	2000 TV ₄₇	2004 06 22.98813	19 45 47.98	-25 51 13.0	MPS109559	1 599	
2000 OR ₁₇	2004 06 11.28574	16 01 36.56	-09 35 42.5	MPS109054	18.5 R	1H06	2000 UX ₃₈	2004 06 15.87443	16 10 12.90	-15 52 05.9	MPS108981	1 599
2000 OR ₁₇	2004 06 11.29312	16 01 36.24	-09 35 43.9	MPS109054	18.7 R	1H06	2000 UX ₃₈	2004 06 15.88587	16 10 12.39	-15 52 04.4	MPS108981	1 599
2000 OR ₁₇	2004 06 11.30050	16 01 35.88	-09 35 45.3	MPS109054	18.6 R	1H06	2000 UX ₃₈	2004 06 15.89728	16 10 11.90	-15 52 02.9	MPS108981	1 599
2000 OO ₃₉	2004 06 22.85076	16 22 40.71	-10 42 29.2	MPS109550	1 599		2000 WD ₁₉	2004 06 22.01276	19 46 16.09	-24 25 40.7	MPS109560	1 599
2000 OO ₃₉	2004 06 22.85997	16 22 40.31	-10 42 28.9	MPS109550	1 599		2000 WD ₁₉	2004 06 22.02046	19 46 15.79	-24 25 41.9	MPS109560	1 599
2000 PF ₁₈	2004 06 22.97320	19 45 54.67	-22 53 39.2	MPS109551	1 599		2000 WD ₁₉	2004 06 22.02817	19 46 15.48	-24 25 45.1	MPS109560	1 599
2000 PF ₁₈	2004 06 22.97985	19 45 54.36	-22 53 40.1	MPS109551	1 599		2000 WD ₁₉	2004 06 22.03586	19 46 15.15	-24 25 47.3	MPS109560	1 599
2000 PF ₁₈	2004 06 22.98649	19 45 54.05	-22 53 40.4	MPS109551	1 599		2000 YA ₃₂	2003 08 24.96999	23 09 16.46	-17 21 32.7	MPS 83289	20 461
2000 PF ₁₈	2004 06 22.99313	19 45 53.74	-22 53 41.5	MPS109551	1 599		2000 YA ₃₂	2003 08 24.97291	23 09 16.30	-17 21 34.1	MPS 83289	461
2000 QT ₁	2002 01 16.07183	08 54 14.22	+15 03 44.4	MPS 46497	20	461	2000 YA ₃₂	2003 08 24.97580	23 09 16.13	-17 21 35.2	MPS 83289	461
2000 QT ₁	2002 01 16.07571	08 54 14.01	+15 03 45.9	MPS 46497		461	2000 YA ₃₂	2003 08 24.97870	23 09 15.97	-17 21 37.4	MPS 83289	461
2000 QT ₁	2002 01 16.07958	08 54 13.80	+15 03 46.6	MPS 46497		461	2000 YA ₃₂	2003 08 24.98159	23 09 15.87	-17 21 38.3	MPS 83289	461
2000 QT ₁	2002 01 16.08346	08 54 13.55	+15 03 48.3	MPS 46497		461	2000 YA ₃₂	2003 08 24.98448	23 09 15.74	-17 21 39.4	MPS 83289	461
2000 QO ₆₅	2004 06 22.84456	16 23 26.06	-12 38 54.7	MPS109552	1 599		2001 AR ₁₃	2004 06 25.04044	00 15 21.60	+13 21 48.2	MPS109561	1 599
2000 QO ₆₅	2004 06 22.85382	16 23 25.60	-12 38 56.7	MPS109552	1 599		2001 AR ₁₃	2004 06 25.05122	00 15 22.04	+13 21 53.3	MPS109561	1 599
2000 QO ₆₅	2004 06 22.86303	16 23 25.13	-12 38 58.7	MPS109552	1 599		2001 AR ₁₃	2004 06 25.06199	00 15 22.57	+13 22 01.2	MPS109561	1 599
2000 QO ₆₅	2004 06 22.87227	16 23 24.67	-12 39 00.7	MPS109552	1 599		2001 AR ₁₃	2004 06 25.07273	00 15 22.96	+13 22 07.8	MPS109561	1 599
2000 QQ ₁₅₅	2004 06 22.01428	19 48 30.76	-23 25 30.2	MPS109552	1 599		2001 FW ₁₄₁	1993 08 24.24306	23 34 59.18	-03 27 52.0	MPS 52334	809
2000 QQ ₁₅₅	2004 06 22.02197	19 48 30.36	-23 25 28.4	MPS109552	1 599		2001 FW ₁₄₁	1993 08 24.25625	23 34 58.64	-03 27 55.4	MPS 52334	809
2000 QQ ₁₅₅	2004 06 22.02970	19 48 30.02	-23 25 28.5	MPS109552	1 599		2001 FW ₁₄₁	1993 08 24.26944	23 34 58.11	-03 28 00.4	MPS 52334	809
2000 QZ ₁₈₄	2004 06 24.04268	20 42 41.50	-16 03 22.5	MPS109553	1 599		2001 OJ ₈₅	2004 06 22.95093	16 27 34.16	-12 39 48.5	MPS109564	1 599
2000 QZ ₁₈₄	2004 06 24.05587	20 42 41.37	-16 03 24.2	MPS109553	1 599		2001 OJ ₈₅	2004 06 22.95938	16 27 33.70	-12 39 48.4	MPS109564	1 599
2000 QZ ₁₈₄	2004 06 24.06909	20 42 41.21	-16 03 26.9	MPS109553	1 599		2001 PG ₄₅	2004 06 22.84771	16 21 42.52	-09 21 16.4	MPS109564	1 599
2000 QX ₂₄₃	2002 01 11.03590	09 01 18.56	+15 39 48.5	MPS 46525	19.5	1 461	2001 PG ₄₅	2004 06 22.85694	16 21 42.15	-09 21 17.4	MPS109564	1 599
2000 QX ₂₄₃	2002 01 11.03979	09 01 18.35	+15 39 49.5	MPS 46525		1 461	2001 PG ₄₅	2004 06 22.86615	16 21 41.80	-09 21 18.4	MPS109564	1 599
2000 QX ₂₄₃	2002 01 11.04369	09 01 18.15	+15 39 50.7	MPS 46525		1 461	2001 QP ₂₆	2004 06 21.89542	16 15 21.00	-14 58 53.7	MPS109565	1 599
2000 QX ₂₄₃	2002 01 13.06612	08 59 34.48	+15 49 27.2	MPS 46525	19	1 461	2001 QP ₂₆	2004 06 21.90771	16 15 20.42	-14 58 55.2	MPS109565	1 599
2000 QX ₂₄₃	2002 01 13.07072	08 59 34.23	+15 49 28.6	MPS 46525		461	2001 QP ₂₆	2004 06 21.92146	16 15 19.74	-14 58 58.1	MPS109565	1 599
2000 QX ₂₄₃	2002 01 13.07530	08 59 33.98	+15 49 29.9	MPS 46525		461	2001 QP ₂₆	2004 06 21.93377	16 15 19.19	-14 58 59.2	MPS109565	1 599
2000 RJ ₁₁	2004 06 22.01739	19 46 44.35	-21 51 02.4	MPS109553	1 599		2001 QM ₂₈	2004 06 15.86445	16 07 56.64	-16 47 14.6	MPS108991	1 599
2000 RJ ₁₁	2004 06 22.02509	19 46 44.05	-21 51 03.1	MPS109553	1 599		2001 QM ₂₈	2004 06 15.87591	16 07 55.94	-16 47 12.9	MPS108991	1 599
2000 RJ ₁₁	2004 06 22.03283	19 46 43.71	-21 51 03.9	MPS109553	1 599		2001 QM ₂₈	2004 06 15.88733	16 07 55.32	-16 47 11.2	MPS108991	1 599
2000 RJ ₁₁	2004 06 22.04051	19 46 43.41	-21 51 05.3	MPS109553	1 599		2001 QR ₃₂	2004 06 22.88459	16 20 56.69	-17 31 12.7	MPS109565	1 599
2000 RC ₉₃	2004 06 24.96297	20 14 43.99	-12 20 49.9	MPS109555	1 599		2001 QR ₃₂	2004 06 22.89455	16 20 56.20	-17 31 10.2	MPS109565	1 599
2000 RC ₉₃	2004 06 24.97290	20 14 43.72	-12 20 50.7	MPS109555	1 599		2001 QR ₃₂	2004 06 22.90445	16 20 55.68	-17 31 08.2	MPS109565	1 599
2000 RC ₉₃	2004 06 24.98283	20 14 43.41	-12 20 51.0	MPS109555	1 599		2001 QR ₃₂	2004 06 22.91436	16 20 55.20	-17 31 06.3	MPS109565	1 599
2000 RC ₉₃	2004 06 24.99279	20 14 43.09	-12 20 51.8	MPS109555	1 599		2001 QZ ₅₁	2004 06 22.93765	16 24 46.36	-13 01 59.3	MPS109565	1 599
2000 SN ₁₈	2002 01 16.03747	08 57 17.57	+15 46 49.9	MPS 83261	20.5	1 461	2001 QZ ₅₁	2004 06 22.94593	16 24 45.93	-13 01 58.3	MPS109565	1 599
2000 SN ₁₈	2002 01 16.04134	08 57 17.23	+15 46 50.7	MPS 83261		1 461	2001 QZ ₅₁	2004 06 22.95258	16 24 45.62	-13 01 59.7	MPS109565	1 599
2000 SN ₁₈	2002 01 16.04522	08 57 17.06	+15 46 50.2	MPS 83261		461	2001 QO ₁₄₀	2004 06 22.88130	16 22 04.33	-15 40 31.0	MPS109566	1 599
2000 SN ₁₈	2002 01 16.04910	08 57 16.73	+15 46 51.0	MPS 83261		461	2001 QO ₁₄₀	2004 06 22.89124	16 22 03.90	-15 40 28.1	MPS109566	1 599
2000 SR ₄₃	2001 03 23.465937	08 19 46.570+31	56 43.82	MPS 27855	21.4 R	568	2001 QO ₁₄₀	2004 06 22.90117	16 22 03.46	-15 40 25.2	MPS109566	1 599
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2000 SG ₃₁₉	2004 06 25.03891	00 17 15.44	+14 03 54.3	MPS109559	1 599		2001 QL ₂₂₂	2004 06 22.88459	16 22 47.83	-17 50 09.2	MPS109567	1 599
2000 SG ₃₁₉	2004 06 25.04967	00 17 16.26	+14 04 04.2	MPS109559	1 599		2001 QL ₂₂₂	2004 06 22.89455	16 22 47.37	-17 50 07.2	MPS109567	1 599
2000 SG ₃₁₉	2004 06 25.06046	00 17 17.07	+14 04 13.6	MPS109559	1 599		2001 QL ₂₂₂	2004 06 22.90445	16 22 46.78	-17 50 06.2	MPS109567	1 599
2000 SG ₃₁₉	2004 06 25.07120	00 17 17.88	+14 04 22.9	MPS109559	1 599		2001 QT ₂₄₆	2004 06 24.03603	20 41 59.85	-12 39 28.0	MPS109567	1 599
2000 SG ₃₆₇	2004 06 24.03768	20 41 34.12	-13 06 26.8	MPS109559	1 599		2001 QT ₂₄₆	2004 06 24.04925	20 41 59.48	-12 39 27.5	MPS109567	1 599
2000 SG ₃₆₇	2004 06 24.05089	20 41 33.64	-13 06 22.2	MPS109559	1 599		2001 QT ₂₄₆	2004 06 24.07566	20 41 58.79	-12 39 29.9	MPS109567	1 599
2000 SG ₃₆₇	2004 06 24.07731	20 41 32.68	-13 06 12.8	MPS109559	1 599		2001 ST ₁₈	2004 06 24.04268	20 43 19.36	-15 45 42.3	MPS109569	1 599
2000 TV ₄₇	2004 06 22.97485	19 45 48.55	-25 51 08.4	MPS109559	1 599		2001 ST ₁₈	2004 06 24.05587	20 43 18.92	-15 45 43.7	MPS109569	1 599

2001 ST ₁₈	2004 06 24.06909	20 43 18.55	-15 45 47.5	MPS109569	1 599	2001 VU ₃₄	2004 06 15.89728	16 10 29.84	-16 15 21.1	MPS109015	1 599
2001 SD ₃₄	2004 06 21.88630	16 17 52.10	-09 51 16.1	MPS109569	1 599	2001 VQ ₉₉	2004 06 22.02817	19 47 26.29	-24 05 39.3	MPS109577	1 599
2001 SD ₃₄	2004 06 21.89854	16 17 51.53	-09 51 15.6	MPS109569	1 599	2001 VQ ₉₉	2004 06 22.03586	19 47 25.92	-24 05 45.0	MPS109577	1 599
2001 SD ₃₄	2004 06 21.91086	16 17 50.95	-09 51 15.1	MPS109569	1 599	2001 WS ₁₃	2004 06 21.88933	16 17 55.35	-11 24 00.8	MPS109578	1 599
2001 SL ₅₅	2004 06 22.85076	16 22 04.75	-10 31 28.0	MPS109569	1 599	2001 WS ₁₃	2004 06 21.90160	16 17 54.88	-11 23 59.6	MPS109578	1 599
2001 SL ₅₅	2004 06 22.85997	16 22 04.35	-10 31 29.0	MPS109569	1 599	2001 WX ₃₀	2004 06 22.88295	16 21 46.70	-17 06 48.2	MPS109578	1 599
2001 SL ₅₅	2004 06 22.86921	16 22 03.92	-10 31 30.1	MPS109569	1 599	2001 WX ₃₀	2004 06 22.89288	16 21 46.26	-17 06 45.8	MPS109578	1 599
2001 SS ₇₆	2004 06 24.03439	20 42 40.71	-11 43 34.4	MPS109569	1 599	2001 WX ₃₀	2004 06 22.90281	16 21 45.83	-17 06 46.4	MPS109578	1 599
2001 SS ₇₆	2004 06 24.04761	20 42 40.44	-11 43 32.2	MPS109569	1 599	2001 WX ₃₀	2004 06 22.91274	16 21 45.34	-17 06 46.9	MPS109578	1 599
2001 SS ₇₆	2004 06 24.06080	20 42 40.26	-11 43 30.6	MPS109569	1 599	2001 WJ ₃₈	2004 06 22.97985	19 43 41.80	-23 05 47.7	MPS109578	1 599
2001 SS ₇₆	2004 06 24.07402	20 42 40.06	-11 43 27.6	MPS109569	1 599	2001 WJ ₃₈	2004 06 22.98649	19 43 41.48	-23 05 49.6	MPS109578	1 599
2001 SB ₁₄₀	2004 06 22.84456	16 20 40.76	-12 22 00.9	MPS109570	1 599	2001 WJ ₃₈	2004 06 22.99313	19 43 41.16	-23 05 52.3	MPS109578	1 599
2001 SB ₁₄₀	2004 06 22.85382	16 20 40.33	-12 22 00.9	MPS109570	1 599	2001 XB ₁₁	2004 06 21.89542	16 17 02.30	-15 15 15.8	MPS109578	1 599
2001 SB ₁₄₀	2004 06 22.86303	16 20 39.94	-12 21 59.8	MPS109570	1 599	2001 XB ₁₁	2004 06 21.90771	16 17 01.76	-15 15 13.7	MPS109578	1 599
2001 SN ₁₄₅	2004 06 15.87443	16 09 07.68	-15 32 55.2	MPS109001	1 599	2001 XB ₁₁	2004 06 21.92146	16 17 01.20	-15 15 13.8	MPS109578	1 599
2001 SN ₁₄₅	2004 06 15.88587	16 09 07.02	-15 32 55.8	MPS109001	1 599	2001 XB ₁₁	2004 06 21.93377	16 17 00.70	-15 15 14.2	MPS109578	1 599
2001 SN ₁₄₅	2004 06 15.89728	16 09 06.52	-15 32 54.3	MPS109001	1 599	2001 XX ₅₁	2004 06 22.88295	16 23 48.04	-17 01 11.2	MPS109579	1 599
2001 TO ₂₅	2004 06 22.96985	19 44 04.63	-24 35 30.0	MPS109571	1 599	2001 XX ₅₁	2004 06 22.89288	16 23 47.65	-17 01 09.0	MPS109579	1 599
2001 TO ₂₅	2004 06 22.97649	19 44 04.27	-24 35 29.7	MPS109571	1 599	2001 XX ₅₁	2004 06 22.90281	16 23 47.29	-17 01 06.5	MPS109579	1 599
2001 TO ₂₅	2004 06 22.98313	19 44 03.91	-24 35 30.0	MPS109571	1 599	2001 XX ₅₁	2004 06 22.91274	16 23 46.90	-17 01 04.0	MPS109579	1 599
2001 TV ₅₃	2004 06 21.92458	16 18 25.37	-17 00 22.8	MPS109572	1 599	2001 XA ₈₃	2004 06 22.93765	16 27 29.18	-13 30 57.0	MPS109579	1 599
2001 TV ₅₃	2004 06 21.93690	16 18 24.79	-17 00 22.5	MPS109572	1 599	2001 XA ₈₃	2004 06 22.94593	16 27 28.77	-13 30 58.1	MPS109579	1 599
2001 TC ₈₀	2004 06 21.90468	16 17 55.90	-13 29 45.8	MPS109572	1 599	2001 XA ₈₃	2004 06 22.95258	16 27 28.42	-13 30 58.3	MPS109579	1 599
2001 TC ₈₀	2004 06 21.91840	16 17 55.29	-13 29 44.9	MPS109572	1 599	2001 XP ₁₄₀	2004 06 22.88295	16 22 08.18	-16 21 09.0	MPS109580	1 599
2001 TC ₈₀	2004 06 21.93072	16 17 54.76	-13 29 43.7	MPS109572	1 599	2001 XP ₁₄₀	2004 06 22.89288	16 22 07.61	-16 21 11.8	MPS109580	1 599
2001 TH ₁₂₃	2004 06 22.85076	16 21 20.52	-10 28 13.4	MPS109573	1 599	2001 XP ₁₄₀	2004 06 22.90281	16 22 07.06	-16 21 14.4	MPS109580	1 599
2001 TH ₁₂₃	2004 06 22.85997	16 21 20.16	-10 28 10.7	MPS109573	1 599	2001 XP ₁₄₀	2004 06 22.91274	16 22 06.50	-16 21 17.4	MPS109580	1 599
2001 TH ₁₂₃	2004 06 22.86921	16 21 19.73	-10 28 09.0	MPS109573	1 599	2001 XR ₂₅₈	2004 06 22.88795	16 22 40.72	-14 04 52.0	MPS109581	1 599
2001 TF ₁₉₉	2004 06 22.93100	16 25 26.24	-10 22 40.4	MPS109573	1 599	2001 XR ₂₅₈	2004 06 22.89788	16 22 40.26	-14 04 51.8	MPS109581	1 599
2001 TF ₁₉₉	2004 06 22.93929	16 25 25.85	-10 22 42.5	MPS109573	1 599	2001 XR ₂₅₈	2004 06 22.90781	16 22 39.84	-14 04 51.9	MPS109581	1 599
2001 TF ₁₉₉	2004 06 22.94765	16 25 25.48	-10 22 44.5	MPS109573	1 599	2001 YA ₄₈	2004 06 22.97149	19 46 04.96	-23 58 28.3	MPS109581	1 599
2001 TX ₂₃₅	2004 06 22.88459	16 22 10.86	-17 12 50.3	MPS109573	1 599	2001 YA ₄₈	2004 06 22.97813	19 46 04.66	-23 58 29.8	MPS109581	1 599
2001 TX ₂₃₅	2004 06 22.89455	16 22 10.39	-17 12 52.8	MPS109573	1 599	2001 YA ₄₈	2004 06 22.99142	19 46 04.04	-23 58 32.3	MPS109581	1 599
2001 TX ₂₃₅	2004 06 22.90445	16 22 09.92	-17 12 55.3	MPS109573	1 599	2001 YL ₇₉	2004 06 22.96985	19 43 38.54	-24 49 35.4	MPS109581	1 599
2001 TX ₂₃₅	2004 06 22.91436	16 22 09.44	-17 12 57.8	MPS109573	1 599	2001 YL ₇₉	2004 06 22.97649	19 43 38.23	-24 49 36.0	MPS109581	1 599
2001 UH ₃₀	2004 06 22.88795	16 20 19.70	-14 15 38.7	MPS109574	1 599	2001 YL ₇₉	2004 06 22.98313	19 43 37.94	-24 49 37.6	MPS109581	1 599
2001 UH ₃₀	2004 06 22.89788	16 20 19.21	-14 15 39.7	MPS109574	1 599	2001 YE ₈₅	2004 06 22.01894	19 46 25.85	-24 58 25.8	MPS109581	1 599
2001 UH ₃₀	2004 06 22.90781	16 20 18.76	-14 15 40.8	MPS109574	1 599	2001 YE ₈₅	2004 06 22.02664	19 46 25.56	-24 58 28.7	MPS109581	1 599
2001 UL ₄₈	2004 06 24.91621	16 34 47.82	-14 49 40.7	MPS109574	1 599	2001 YE ₈₅	2004 06 22.03435	19 46 25.21	-24 58 29.4	MPS109581	1 599
2001 UL ₄₈	2004 06 24.92698	16 34 47.30	-14 49 42.2	MPS109574	1 599	2001 YE ₈₅	2004 06 22.96985	19 45 45.60	-25 02 12.1	MPS109581	1 599
2001 UG ₇₂	2004 06 22.84305	16 20 34.07	-11 44 59.4	MPS109575	1 599	2001 YE ₈₅	2004 06 22.97649	19 45 45.26	-25 02 14.0	MPS109581	1 599
2001 UG ₇₂	2004 06 22.85229	16 20 33.64	-11 45 01.2	MPS109575	1 599	2001 YE ₈₅	2004 06 22.98313	19 45 45.01	-25 02 15.2	MPS109581	1 599
2001 UG ₇₂	2004 06 22.86150	16 20 33.20	-11 45 02.8	MPS109575	1 599	2001 YH ₁₀₈	2002 01 11.03590	09 01 01.67	+15 29 16.2	MPS 47177 20	461
2001 UG ₇₂	2004 06 22.87074	16 20 32.77	-11 45 04.4	MPS109575	1 599	2001 YH ₁₀₈	2002 01 11.03979	09 01 01.44	+15 29 17.6	MPS 47177	461
2001 VR ₂₆	2004 06 24.95966	20 15 34.29	-10 53 21.4	MPS109576	1 599	2001 YH ₁₀₈	2002 01 11.04369	09 01 01.25	+15 29 19.1	MPS 47177	461
2001 VR ₂₆	2004 06 24.96959	20 15 33.86	-10 53 19.8	MPS109576	1 599	2001 YH ₁₀₈	2002 01 12.02830	09 00 13.50	+15 34 59.0	MPS 47177 20	461
2001 VR ₂₆	2004 06 24.97955	20 15 33.47	-10 53 19.7	MPS109576	1 599	2001 YH ₁₀₈	2002 01 12.03288	09 00 13.28	+15 35 00.6	MPS 47177	461
2001 VR ₂₆	2004 06 24.98948	20 15 33.09	-10 53 19.5	MPS109576	1 599	2001 YH ₁₀₈	2002 01 12.03746	09 00 12.97	+15 35 01.8	MPS 47177	461
2001 VC ₂₈	2004 06 24.03603	20 41 59.75	-12 37 33.8	MPS109576	1 599	2001 YH ₁₀₈	2002 01 13.04958	08 59 22.83	+15 40 55.9	MPS 47177 20.5	461
2001 VC ₂₈	2004 06 24.04925	20 41 59.29	-12 37 33.1	MPS109576	1 599	2001 YH ₁₀₈	2002 01 13.05417	08 59 22.54	+15 40 58.3	MPS 47177	461
2001 VC ₂₈	2004 06 24.07566	20 41 58.53	-12 37 31.8	MPS109576	1 599	2001 YH ₁₀₈	2002 01 13.05875	08 59 22.31	+15 40 59.8	MPS 47177	461
2001 VU ₃₄	2004 06 15.87443	16 10 30.93	-16 15 30.6	MPS109015	1 599	2001 YJ ₁₁₇	2004 06 22.97149	19 42 57.98	-23 59 34.7	MPS109581	1 599
2001 VU ₃₄	2004 06 15.88587	16 10 30.38	-16 15 25.9	MPS109015	1 599	2001 YJ ₁₁₇	2004 06 22.97813	19 42 57.68	-23 59 34.7	MPS109581	1 599

2001 YJ ₁₁₇	2004 06 22.99142	19 42 57.02	-23 59 34.5	MPS109581	1 599	2003 CS ₆	2004 06 22.95774	16 26 43.81	-11 26 26.7	MPS109588	1 599
2002 AO ₄₁	2002 01 16.03747	08 58 19.28	+15 49 36.3	MPS 47343	19.5 461	2003 EH ₂₂	2004 06 22.84771	16 21 35.52	-09 08 51.6	MPS109588	1 599
2002 AO ₄₁	2002 01 16.04134	08 58 19.09	+15 49 36.4	MPS 47343	461	2003 EH ₂₂	2004 06 22.85694	16 21 35.18	-09 08 52.2	MPS109588	1 599
2002 AO ₄₁	2002 01 16.04522	08 58 18.91	+15 49 36.6	MPS 47343	461	2003 EH ₂₂	2004 06 22.86615	16 21 34.85	-09 08 52.8	MPS109588	1 599
2002 AO ₄₁	2002 01 16.04910	08 58 18.70	+15 49 36.9	MPS 47343	461	2003 EA ₂₅	2004 06 22.01428	19 48 26.12	-23 03 58.5	MPS109588	1 599
2002 AP ₄₂	2004 06 15.86300	16 09 37.90	-15 23 00.8	MPS109582	1 599	2003 EA ₂₅	2004 06 22.02197	19 48 25.77	-23 04 01.4	MPS109588	1 599
2002 AP ₄₂	2004 06 15.87304	16 09 37.31	-15 22 59.5	MPS109582	1 599	2003 EA ₂₅	2004 06 22.02970	19 48 25.47	-23 04 02.7	MPS109588	1 599
2002 AP ₄₂	2004 06 15.89584	16 09 35.94	-15 22 57.9	MPS109582	1 599	2003 EB ₅₃	2004 06 24.03932	20 41 22.29	-13 57 12.1	MPS109588	1 599
2002 AY ₆₆	2002 01 11.03590	09 00 18.91	+15 28 36.5	MPS 47394	21 461	2003 EB ₅₃	2004 06 24.05254	20 41 21.81	-13 57 10.4	MPS109588	1 599
2002 AY ₆₆	2002 01 11.03979	09 00 18.70	+15 28 36.5	MPS 47394	461	2003 EB ₅₃	2004 06 24.07895	20 41 20.77	-13 57 07.7	MPS109588	1 599
2002 AY ₆₆	2002 01 11.04369	09 00 18.50	+15 28 37.5	MPS 47394	461	2003 FW ₄₄	2004 06 21.89083	16 17 34.23	-12 16 00.5	MPS109588	1 599
2002 AY ₆₆	2002 01 12.03288	08 59 26.87	+15 33 11.8	MPS 47394	461	2003 FW ₄₄	2004 06 21.90313	16 17 33.76	-12 15 59.5	MPS109588	1 599
2002 AY ₆₆	2002 01 12.03746	08 59 26.64	+15 33 12.5	MPS 47394	20.5 461	2003 FW ₄₄	2004 06 21.91688	16 17 33.17	-12 15 57.9	MPS109588	1 599
2002 AY ₆₆	* 2002 01 13.04958	08 58 32.28	+15 37 54.2	MPS 47394	21 461	2003 FW ₄₄	2004 06 21.92919	16 17 32.63	-12 15 55.7	MPS109588	1 599
2002 AY ₆₆	2002 01 13.05417	08 58 31.98	+15 37 55.5	MPS 47394	461	2003 FQ ₅₃	2004 06 24.03106	20 43 18.39	-09 52 03.8	MPS109588	1 599
2002 AY ₆₆	2002 01 13.05875	08 58 31.71	+15 37 57.1	MPS 47394	461	2003 FQ ₅₃	2004 06 24.04432	20 43 18.11	-09 52 06.8	MPS109588	1 599
2002 AY ₆₆	2002 01 16.00622	08 55 46.42	+15 52 14.8	MPS 47394	21 461	2003 FQ ₅₃	2004 06 24.07073	20 43 17.39	-09 52 13.0	MPS109588	1 599
2002 AY ₆₆	2002 01 16.01009	08 55 46.23	+15 52 16.3	MPS 47394	461	2003 HG ₃	2004 06 24.96297	20 14 42.00	-12 18 17.3	MPS109589	1 599
2002 AY ₆₆	2002 01 16.01880	08 55 45.70	+15 52 18.6	MPS 47394	461	2003 HG ₃	2004 06 24.97290	20 14 41.66	-12 18 20.4	MPS109589	1 599
2002 AY ₆₆	2002 01 16.02267	08 55 45.40	+15 52 20.6	MPS 47394	461	2003 HG ₃	2004 06 24.98283	20 14 41.29	-12 18 21.2	MPS109589	1 599
2002 AY ₆₆	2002 01 16.03260	08 55 44.88	+15 52 23.0	MPS 47394	461	2003 HG ₃	2004 06 24.99279	20 14 40.92	-12 18 20.5	MPS109589	1 599
2002 BO	2002 01 11.03590	09 00 52.44	+15 30 36.2	MPS 47535	20.5 461	2003 YQ ₁₄₆	2004 02 05.44558	10 44 41.00	+30 29 58.3	MPS 98824	18.6 R 1H06
2002 BO	2002 01 11.03979	09 00 52.20	+15 30 37.5	MPS 47535	461	2003 YQ ₁₄₆	2004 02 05.46186	10 44 40.20	+30 30 08.5	MPS 98825	18.6 R 1H06
2002 BO	2002 01 11.04369	09 00 51.97	+15 30 37.8	MPS 47535	461	2003 YQ ₁₄₆	2004 02 05.47815	10 44 39.39	+30 30 19.2	MPS 98825	18.9 R 1H06
2002 BO	2002 01 12.02830	08 59 59.57	+15 34 39.8	MPS 47535	21 461	2004 JM ₁₃	2004 06 24.89960	16 33 11.37	-10 36 49.3	MPS109594	1 599
2002 BO	2002 01 12.03288	08 59 59.23	+15 34 41.2	MPS 47535	461	2004 JM ₁₃	2004 06 24.91041	16 33 10.77	-10 36 59.1	MPS109594	1 599
2002 BO	2002 01 12.03746	08 59 59.06	+15 34 42.2	MPS 47535	461	2004 JM ₁₃	2004 06 24.91986	16 33 10.18	-10 37 08.5	MPS109594	1 599
2002 BO	2002 01 13.04958	08 59 03.93	+15 38 55.7	MPS 47535	21 461	2004 JM ₁₃	2004 06 24.93065	16 33 09.54	-10 37 18.6	MPS109594	1 599
2002 BO	2002 01 13.05417	08 59 03.67	+15 38 57.2	MPS 47535	461	2004 JK ₃₅	2004 06 22.88130	16 20 58.31	-15 39 32.9	MPS109596	1 599
2002 BO	2002 01 13.05875	08 59 03.41	+15 38 58.3	MPS 47535	461	2004 JK ₃₅	2004 06 22.89124	16 20 57.90	-15 39 34.5	MPS109596	1 599
2002 BO	* 2002 01 16.00622	08 56 17.31	+15 51 40.4	MPS 47535	20.5 461	2004 JK ₃₅	2004 06 22.90117	16 20 57.50	-15 39 35.8	MPS109596	1 599
2002 BO	2002 01 16.01009	08 56 17.09	+15 51 41.4	MPS 47535	461	2004 JK ₃₅	2004 06 22.91110	16 20 57.10	-15 39 37.4	MPS109596	1 599
2002 BO	2002 01 16.01880	08 56 16.57	+15 51 43.6	MPS 47535	461	2004 KF ₈	2004 06 15.87443	16 08 44.60	-16 15 49.9	MPS109064	1 599
2002 BO	2002 01 16.02267	08 56 16.31	+15 51 44.7	MPS 47535	461	2004 KF ₈	2004 06 15.88587	16 08 44.05	-16 15 42.8	MPS109064	1 599
2002 EO ₇₅	2004 06 24.03603	20 40 37.97	-12 01 59.5	MPS109583	1 599	2004 KF ₈	2004 06 15.89728	16 08 43.52	-16 15 36.1	MPS109064	1 599
2002 EO ₇₅	2004 06 24.04925	20 40 37.60	-12 01 57.3	MPS109583	1 599	2004 KE ₉	2004 06 21.89542	16 15 36.21	-15 13 51.0	MPS109597	1 599
2002 EO ₇₅	2004 06 24.07566	20 40 36.85	-12 01 52.3	MPS109583	1 599	2004 KE ₉	2004 06 21.90771	16 15 35.57	-15 13 52.4	MPS109597	1 599
2002 YS ₅	2004 06 15.86152	16 08 33.91	-14 26 17.1	MPS109031	1 599	2004 KE ₉	2004 06 21.92146	16 15 34.83	-15 13 54.5	MPS109597	1 599
2002 YS ₅	2004 06 15.87161	16 08 33.42	-14 26 19.5	MPS109031	1 599	2004 KE ₉	2004 06 21.93377	16 15 34.22	-15 13 56.5	MPS109597	1 599
2002 YS ₅	2004 06 15.88302	16 08 32.88	-14 26 22.4	MPS109031	1 599	2004 KH ₉	2004 06 22.83997	16 23 03.80	-09 57 14.4	MPS109597	1 599
2002 YZ ₃₅	2004 06 22.88630	16 22 59.79	-18 31 56.4	MPS109586	1 599	2004 KH ₉	2004 06 22.84923	16 23 03.38	-09 57 09.8	MPS109597	1 599
2002 YZ ₃₅	2004 06 22.89624	16 22 59.35	-18 31 55.6	MPS109586	1 599	2004 KH ₉	2004 06 22.85845	16 23 03.03	-09 57 05.1	MPS109597	1 599
2002 YZ ₃₅	2004 06 22.90617	16 22 59.00	-18 31 55.6	MPS109586	1 599	2004 KH ₉	2004 06 22.86768	16 23 02.64	-09 57 00.5	MPS109597	1 599
2002 YZ ₃₅	2004 06 22.91607	16 22 58.60	-18 31 53.3	MPS109586	1 599	2004 LN ₃	2004 06 22.87966	16 20 41.15	-15 20 37.1	MPS109598	1 599
2003 AX ₆₄	2004 06 21.89391	16 16 38.40	-14 10 06.9	MPS109586	1 599	2004 LN ₃	2004 06 22.89952	16 20 40.39	-15 20 42.8	MPS109598	1 599
2003 AX ₆₄	2004 06 21.90618	16 16 37.85	-14 10 13.0	MPS109586	1 599	2004 LN ₃	2004 06 22.90945	16 20 39.85	-15 20 46.8	MPS109598	1 599
2003 AX ₆₄	2004 06 21.91993	16 16 37.14	-14 10 18.8	MPS109586	1 599	2004 LL ₅	2004 06 22.88630	16 22 59.30	-18 03 57.6	MPS109599	1 599
2003 AX ₆₄	2004 06 21.93225	16 16 36.55	-14 10 23.9	MPS109586	1 599	2004 LL ₅	2004 06 22.89624	16 22 58.87	-18 03 57.2	MPS109599	1 599
2003 BL ₄₃	2004 06 24.91194	16 33 45.32	-11 31 26.3	MPS109587	1 599	2004 LL ₅	2004 06 22.90617	16 22 58.50	-18 03 56.7	MPS109599	1 599
2003 BL ₄₃	2004 06 24.92139	16 33 44.83	-11 31 26.3	MPS109587	1 599	2004 LL ₅	2004 06 22.91607	16 22 58.05	-18 03 55.4	MPS109599	1 599
2003 CS ₆	2004 06 22.93429	16 26 44.74	-11 26 22.5	MPS109588	1 599	2004 LJ ₁₃	2004 06 24.91831	16 33 49.11	-15 24 56.6	MPS109599	1 599
2003 CS ₆	2004 06 22.94258	16 26 44.42	-11 26 24.0	MPS109588	1 599	2004 LJ ₁₃	2004 06 24.92910	16 33 48.72	-15 24 53.8	MPS109599	1 599
2003 CS ₆	2004 06 22.94929	16 26 44.16	-11 26 25.0	MPS109588	1 599	2004 LJ ₁₃	2004 06 24.93988	16 33 48.34	-15 24 52.7	MPS109599	1 599

2004 LY ₁₄	2004 06 15.85867	16 10 20.48	-12 37 06.5	MPS109088	1 599	2004 MG ₄	2004 06 22.85229	16 22 58.35	-11 55 06.4	MPS109613	1 599
2004 LY ₁₄	2004 06 15.86871	16 10 19.97	-12 37 04.4	MPS109088	1 599	2004 MG ₄	2004 06 22.86150	16 22 58.00	-11 55 02.3	MPS109613	1 599
2004 LY ₁₄	2004 06 15.89158	16 10 18.79	-12 37 05.5	MPS109088	1 599	2004 MG ₄	2004 06 22.87074	16 22 57.56	-11 54 57.6	MPS109613	1 599
2004 LT ₁₆	2004 06 21.89083	16 16 30.07	-12 29 12.7	MPS109600	1 599	2004 MH ₄	2004 06 22.84305	16 21 28.83	-11 35 14.1	MPS109613	1 599
2004 LT ₁₆	2004 06 21.90313	16 16 29.59	-12 29 14.0	MPS109600	1 599	2004 MH ₄	2004 06 22.85229	16 21 28.51	-11 35 15.4	MPS109613	1 599
2004 LT ₁₆	2004 06 21.91688	16 16 28.98	-12 29 15.7	MPS109600	1 599	2004 MH ₄	2004 06 22.86150	16 21 28.22	-11 35 16.5	MPS109613	1 599
2004 LT ₁₆	2004 06 21.92919	16 16 28.39	-12 29 16.9	MPS109600	1 599	2004 MH ₄	2004 06 22.87074	16 21 27.92	-11 35 18.1	MPS109613	1 599
2004 LL ₁₈	2004 06 16.96599	17 16 02.72	-04 06 39.6	MPS109092	1 599	2004 MJ ₄	2004 06 22.84615	16 20 42.14	-12 58 27.8	MPS109613	1 599
2004 LL ₁₈	2004 06 16.97520	17 16 02.03	-04 06 32.4	MPS109092	1 599	2004 MJ ₄	2004 06 22.85541	16 20 41.74	-12 58 30.4	MPS109613	1 599
2004 LL ₁₈	2004 06 16.98599	17 16 01.26	-04 06 24.3	MPS109092	1 599	2004 MJ ₄	2004 06 22.86463	16 20 41.37	-12 58 33.0	MPS109613	1 599
2004 LL ₁₈	2004 06 16.99685	17 16 00.45	-04 06 16.3	MPS109092	1 599	2004 MJ ₄	2004 06 22.87386	16 20 40.94	-12 58 35.3	MPS109613	1 599
2004 LN ₁₈	2004 06 16.96287	17 13 46.56	-03 02 37.5	MPS109092	1 599	2004 MK ₄	* 2004 06 22.01123	19 45 24.49	-24 55 38.3	MPS109613	18.6 R 1 599
2004 LN ₁₈	2004 06 16.97213	17 13 46.02	-03 02 39.5	MPS109092	1 599	2004 MK ₄	2004 06 22.01894	19 45 24.07	-24 55 50.0	MPS109613	19.2 R 1 599
2004 LN ₁₈	2004 06 16.99375	17 13 44.78	-03 02 44.3	MPS109092	1 599	2004 MK ₄	2004 06 22.02664	19 45 23.72	-24 56 01.4	MPS109613	19.1 R 1 599
2004 LO ₁₈	2004 06 16.96909	17 16 18.98	-07 09 42.6	MPS109092	1 599	2004 MK ₄	2004 06 22.03435	19 45 23.28	-24 56 12.9	MPS109613	19.1 R 1 599
2004 LO ₁₈	2004 06 16.97986	17 16 18.27	-07 09 47.2	MPS109092	1 599	2004 MK ₄	2004 06 22.97485	19 44 36.92	-25 20 02.1	MPS109990	1 599
2004 LO ₁₈	2004 06 16.99069	17 16 17.60	-07 09 52.6	MPS109092	1 599	2004 MK ₄	2004 06 22.98149	19 44 36.55	-25 20 11.8	MPS109990	1 599
2004 LP ₁₈	2004 06 16.96599	17 16 14.04	-04 32 20.0	MPS109092	1 599	2004 MK ₄	2004 06 22.98813	19 44 36.27	-25 20 22.2	MPS109990	1 599
2004 LP ₁₈	2004 06 16.97520	17 16 13.59	-04 32 19.0	MPS109092	1 599	2004 ML ₄	* 2004 06 22.01428	19 46 32.37	-23 22 25.2	MPS109613	20.3 R 1 599
2004 LP ₁₈	2004 06 16.98599	17 16 13.08	-04 32 17.5	MPS109093	1 599	2004 ML ₄	2004 06 22.02197	19 46 32.02	-23 22 26.8	MPS109613	19.7 R 1 599
2004 LP ₁₈	2004 06 16.99685	17 16 12.55	-04 32 16.7	MPS109093	1 599	2004 ML ₄	2004 06 22.02970	19 46 31.61	-23 22 28.4	MPS109613	19.2 R 1 599
2004 LH ₂₀	2004 06 22.01581	19 48 55.88	-22 38 37.9	MPS109600	1 599	2004 ML ₄	2004 06 22.97320	19 45 45.98	-23 24 33.7	MPS109990	1 599
2004 LH ₂₀	2004 06 22.02352	19 48 55.50	-22 38 36.5	MPS109600	1 599	2004 ML ₄	2004 06 22.97985	19 45 45.63	-23 24 34.3	MPS109990	1 599
2004 LH ₂₀	2004 06 22.03123	19 48 55.12	-22 38 34.8	MPS109600	1 599	2004 ML ₄	2004 06 22.98649	19 45 45.30	-23 24 35.0	MPS109990	1 599
2004 LH ₂₀	2004 06 22.03891	19 48 54.74	-22 38 33.3	MPS109600	1 599	2004 ML ₄	2004 06 22.99313	19 45 44.95	-23 24 35.7	MPS109990	1 599
2004 LC ₂₄	2004 06 22.87966	16 21 20.78	-14 51 34.1	MPS109601	1 599	2004 MM ₄	* 2004 06 22.01894	19 46 10.46	-25 04 29.0	MPS109613	19.8 R 1 599
2004 LC ₂₄	2004 06 22.88961	16 21 20.41	-14 51 33.6	MPS109601	1 599	2004 MM ₄	2004 06 22.02664	19 46 10.07	-25 04 28.3	MPS109613	19.8 R 1 599
2004 LC ₂₄	2004 06 22.89952	16 21 19.98	-14 51 32.6	MPS109601	1 599	2004 MM ₄	2004 06 22.03435	19 46 09.66	-25 04 26.7	MPS109613	19.4 R 1 599
2004 LF ₂₄	2004 06 22.93765	16 25 54.49	-13 23 59.0	MPS109601	1 599	2004 MM ₄	2004 06 22.96985	19 45 21.79	-25 02 50.3	MPS109990	1 599
2004 LF ₂₄	2004 06 22.94593	16 25 54.11	-13 24 01.7	MPS109601	1 599	2004 MM ₄	2004 06 22.97649	19 45 21.40	-25 02 49.8	MPS109990	1 599
2004 LF ₂₄	2004 06 22.95258	16 25 53.76	-13 24 03.9	MPS109601	1 599	2004 MM ₄	2004 06 22.98313	19 45 21.06	-25 02 49.4	MPS109990	1 599
2004 LY ₂₆	2004 06 24.95802	20 12 33.15	-09 53 15.6	MPS109604	1 599	2004 MO ₄	* 2004 06 22.84923	16 20 21.34	-09 30 27.1	MPS109613	19.4 R 1 599
2004 LY ₂₆	2004 06 24.96795	20 12 32.99	-09 53 21.7	MPS109604	1 599	2004 MO ₄	2004 06 22.85845	16 20 23.95	-09 30 41.0	MPS109613	19.6 R 1 599
2004 LY ₂₆	2004 06 24.97790	20 12 32.76	-09 53 27.7	MPS109604	1 599	2004 MO ₄	2004 06 22.86768	16 20 26.53	-09 30 54.3	MPS109613	19.7 R 1 599
2004 LY ₂₆	2004 06 24.98783	20 12 32.64	-09 53 33.5	MPS109604	1 599	2004 MO ₄	2004 06 22.92443	16 20 42.85	-09 32 16.0	MPS109613	19.8 R 1 599
2004 LB ₃₁	* 2004 06 15.86300	16 08 37.77	-15 17 08.7	MPS109607	19.4 R 1 599	2004 MO ₄	2004 06 22.92614	16 20 43.14	-09 32 18.4	MPS109613	19.8 R 1 599
2004 LB ₃₁	2004 06 15.87304	16 08 37.35	-15 17 10.2	MPS109607	19.5 R 1 599	2004 MO ₄	2004 06 22.92783	16 20 43.66	-09 32 20.7	MPS109613	19.2 R 1 599
2004 LB ₃₁	2004 06 15.89584	16 08 36.36	-15 17 13.1	MPS109607	18.9 R 1 599	2004 MF ₅	* 2004 06 22.84923	16 23 12.92	-09 37 55.9	MPS109613	20.0 R 1 599
2004 MQ	2004 06 22.93765	16 27 28.53	-13 40 44.9	MPS109608	1 599	2004 MF ₅	2004 06 22.85845	16 23 12.55	-09 37 57.2	MPS109613	20.4 R 1 599
2004 MQ	2004 06 22.94593	16 27 28.25	-13 40 44.9	MPS109608	1 599	2004 MF ₅	2004 06 22.86768	16 23 12.17	-09 37 58.5	MPS109613	20.1 R 1 599
2004 MQ	2004 06 22.95258	16 27 27.92	-13 40 45.3	MPS109608	1 599	2004 MK ₅	2004 06 24.03603	20 42 54.84	-12 26 41.2	MPS109614	1 599
2004 MT	2004 06 22.84615	16 21 15.03	-13 37 27.0	MPS109608	1 599	2004 MK ₅	2004 06 24.04925	20 42 54.83	-12 26 37.1	MPS109614	1 599
2004 MT	2004 06 22.85541	16 21 14.65	-13 37 26.7	MPS109608	1 599	2004 MK ₅	2004 06 24.07566	20 42 54.70	-12 26 28.9	MPS109614	1 599
2004 MT	2004 06 22.86463	16 21 14.25	-13 37 26.9	MPS109608	1 599	2004 ML ₅	2004 06 24.04268	20 43 23.39	-15 52 23.4	MPS109614	1 599
2004 MT	2004 06 22.87386	16 21 13.87	-13 37 26.6	MPS109608	1 599	2004 ML ₅	2004 06 24.05587	20 43 22.97	-15 52 22.2	MPS109614	1 599
2004 ME ₄	2004 06 22.88795	16 23 32.25	-14 08 14.3	MPS109612	1 599	2004 ML ₅	2004 06 24.06909	20 43 22.59	-15 52 20.7	MPS109614	1 599
2004 ME ₄	2004 06 22.89788	16 23 31.69	-14 08 17.4	MPS109612	1 599	2004 OJ ₉	2004 07 23.07005	22 28 08.99	-10 58 49.8	MPS110819	19.8 R J95
2004 ME ₄	2004 06 22.90781	16 23 31.20	-14 08 20.3	MPS109612	1 599	2004 OJ ₉	2004 07 23.09759	22 28 08.18	-10 58 58.2	MPS110819	19.6 R J95
2004 MF ₄	2004 06 22.87966	16 23 36.44	-14 53 38.5	MPS109612	1 599	5141 T-3	2004 06 22.95443	16 27 38.05	-14 36 03.8	MPS109614	1 599
2004 MF ₄	2004 06 22.88961	16 23 35.93	-14 53 38.5	MPS109612	1 599	5141 T-3	2004 06 22.96274	16 27 37.68	-14 36 04.5	MPS109615	1 599
2004 MF ₄	2004 06 22.89952	16 23 35.43	-14 53 38.4	MPS109612	1 599	(176)	2001 09 17.13354	20 02 37.10	+06 34 37.7	MPS 36874	13.0 2 462
2004 MF ₄	2004 06 22.90945	16 23 34.97	-14 53 38.3	MPS109613	1 599	(176)	2001 09 17.15772	20 02 37.10	+06 34 23.0	MPS 36874	12.8 2 462
2004 MG ₄	2004 06 22.84305	16 22 58.72	-11 55 09.8	MPS109613	1 599	(176)	2001 09 17.16441	20 02 37.07	+06 34 18.7	MPS 36874	12.9 2 462

(176)	2001 09 17.17615	20 02 37.12	+06 34 11.7	MPS 36874	12.8	2 462	(1400)	2001 10 08.07331	19 46 50.24	-03 09 10.1	MPS 38412	16.3	2 462
(176)	2001 10 08.02150	20 08 13.16	+03 15 05.9	MPS 38395	13.7	2 462	(1506)	2001 10 08.02821	20 04 12.53	-03 06 43.1	MPS 38413	17.0	2 462
(176)	2001 10 08.04420	20 08 13.80	+03 14 54.2	MPS 38395	13.7	2 462	(1506)	2001 10 08.04047	20 04 13.49	-03 06 45.7	MPS 38413	16.8	2 462
(176)	2001 10 08.07013	20 08 14.56	+03 14 41.1	MPS 38395	13.7	2 462	(1506)	2001 10 08.05988	20 04 14.83	-03 06 50.1	MPS 38413	17.2	2 462
(176)	2001 10 08.08054	20 08 14.81	+03 14 35.2	MPS 38395	13.5	2 462	(1506)	2001 10 08.07615	20 04 15.93	-03 06 54.1	MPS 38413	16.9	2 462
(176)	2001 10 08.08843	20 08 15.06	+03 14 31.0	MPS 38395	13.4	2 462	(1506)	2001 10 08.08587	20 04 16.67	-03 06 56.1	MPS 38413	17.0	2 462
(392)	2001 10 08.04241	20 10 58.32	-03 39 40.0	MPS 38397	15.4	2 462	(1695)	2001 08 26.12410	20 11 14.82	+10 14 30.6	MPS 36904	15.1	2 462
(392)	2001 10 08.06113	20 10 58.91	-03 39 46.1	MPS 38397	15.3	2 462	(1695)	2001 08 26.20175	20 11 12.86	+10 13 47.3	MPS 36904	14.8	2 462
(392)	2001 10 08.07731	20 10 59.42	-03 39 51.5	MPS 38397	15.2	2 462	(1695)	2001 08 26.22428	20 11 12.23	+10 13 34.2	MPS 36904	15.2	2 462
(392)	2001 10 08.08708	20 10 59.76	-03 39 54.7	MPS 38397	15.4	2 462	(1695)	2001 09 17.14023	20 10 04.37	+06 20 13.8	MPS 36904	15.5	2 462
(417)	2004 06 24.90421	16 34 09.11	-13 03 12.0	MPS109617		1 599	(1695)	2001 09 17.16684	20 10 04.90	+06 19 56.2	MPS 36904	15.4	2 462
(417)	2004 06 24.92444	16 34 08.32	-13 03 10.9	MPS109617		1 599	(1695)	2001 09 17.17855	20 10 05.15	+06 19 48.2	MPS 36904	15.5	2 462
(417)	2004 06 24.93523	16 34 07.89	-13 03 10.3	MPS109617		1 599	(1904)	2004 06 21.88780	16 18 10.03	-10 37 58.9	MPS109623		1 599
(445)	2001 09 17.14759	21 24 50.33	+09 29 14.7	MPS 36879	13.0	2 462	(1904)	2004 06 21.90007	16 18 09.47	-10 38 01.5	MPS109623		1 599
(445)	2001 09 17.16221	21 24 49.75	+09 29 12.9	MPS 36879	13.0	2 462	(1904)	2004 06 21.91239	16 18 08.91	-10 38 04.0	MPS109623		1 599
(445)	2001 09 17.17172	21 24 49.50	+09 29 11.9	MPS 36879	13.0	2 462	(1942)	2004 06 23.05558	01 36 42.71	+15 29 25.7	MPS109623		1 599
(445)	2001 09 17.18269	21 24 49.06	+09 29 10.8	MPS 36879	13.0	2 462	(1942)	2004 06 23.06548	01 36 43.70	+15 29 37.9	MPS109623		1 599
(449)	2004 06 22.97320	19 44 23.00	-22 54 20.8	MPS109617		1 599	(1942)	2004 06 23.07514	01 36 44.66	+15 29 49.9	MPS109623		1 599
(449)	2004 06 22.97985	19 44 22.67	-22 54 22.0	MPS109617		1 599	(1942)	2004 06 23.08507	01 36 45.70	+15 30 02.3	MPS109623		1 599
(449)	2004 06 22.98649	19 44 22.34	-22 54 23.3	MPS109617		1 599	(2017)	2004 06 15.85584	16 08 58.68	-11 14 49.5	MPS109119		1 599
(449)	2004 06 22.99313	19 44 22.01	-22 54 24.6	MPS109617		1 599	(2017)	2004 06 15.86587	16 08 58.17	-11 14 48.8	MPS109119		1 599
(525)	2001 07 10.13257	15 38 18.22	-12 29 58.3	MPS 32540	15.5 V	2 462	(2017)	2004 06 15.87735	16 08 57.60	-11 14 48.2	MPS109119		1 599
(525)	2001 07 10.14061	15 38 18.16	-12 29 58.7	MPS 32540	15.4 V	2 462	(2017)	2004 06 15.88876	16 08 57.03	-11 14 47.5	MPS109119		1 599
(525)	2001 07 10.14638	15 38 18.12	-12 29 59.2	MPS 32540	15.6 V	2 462	(2166)	2004 06 22.93265	16 24 22.79	-11 14 26.1	MPS109624		1 599
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(525)	2001 07 13.13719	15 38 19.72	-12 33 20.7	MPS 32540	15.4 V	2 462	(2166)	2004 06 22.95607	16 24 21.80	-11 14 27.6	MPS109624		1 599
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(33217)	2004 06 24.91366	16 33 51.54	-12 08 32.9	MPS109725	1 599	(42296)	2004 06 22.88961	16 20 24.44	-15 03 59.9	MPS109743	1 599
(33217)	2004 06 24.92291	16 33 51.07	-12 08 33.3	MPS109725	1 599	(42296)	2004 06 22.89952	16 20 24.01	-15 04 03.0	MPS109743	1 599
(33217)	2004 06 24.93370	16 33 50.64	-12 08 32.2	MPS109725	1 599	(42296)	2004 06 22.90945	16 20 23.58	-15 04 06.1	MPS109743	1 599
(33276)	2004 06 21.90468	16 15 45.29	-12 50 43.3	MPS109726	1 599	(43273)	2004 06 24.03439	20 43 10.91	-11 15 13.6	MPS109744	1 599
(33276)	2004 06 21.91840	16 15 44.71	-12 50 45.7	MPS109726	1 599	(43273)	2004 06 24.04761	20 43 10.58	-11 15 14.6	MPS109744	1 599
(33276)	2004 06 21.93072	16 15 44.21	-12 50 46.7	MPS109726	1 599	(43273)	2004 06 24.06080	20 43 10.26	-11 15 15.3	MPS109744	1 599
(33548)	2004 06 25.06662	00 16 10.17	+10 17 44.1	MPS109726	1 599	(43273)	2004 06 24.07402	20 43 09.94	-11 15 16.5	MPS109744	1 599

(46375)	2004 06 22.84615	16 21 53.72	-12 57 22.4	MPS109745	1 599	(56839)	2004 06 22.85541	16 23 09.77	-13 40 14.0	MPS109764	1 599
(46375)	2004 06 22.85541	16 21 53.30	-12 57 22.7	MPS109745	1 599	(56839)	2004 06 22.86463	16 23 09.38	-13 40 14.0	MPS109764	1 599
(46375)	2004 06 22.86463	16 21 52.89	-12 57 23.0	MPS109745	1 599	(56839)	2004 06 22.87386	16 23 09.01	-13 40 14.3	MPS109764	1 599
(46375)	2004 06 22.87386	16 21 52.46	-12 57 23.4	MPS109745	1 599	(56903)	2004 06 11.28574	16 00 41.18	-09 34 21.0	MPS108900	18.8 R 1H06
(49264)	2004 06 22.88795	16 22 52.64	-14 03 44.4	MPS109747	1 599	(56903)	2004 06 11.29312	16 00 40.99	-09 34 20.3	MPS108900	18.5 R 1H06
(49264)	2004 06 22.90781	16 22 51.65	-14 03 35.7	MPS109747	1 599	(56903)	2004 06 11.30050	16 00 40.75	-09 34 18.9	MPS108900	18.6 R 1H06
(52863)	2004 06 15.86300	16 09 59.71	-15 21 33.4	MPS109436	1 599	(57497)	2004 06 24.03932	20 42 59.03	-14 23 48.8	MPS109766	1 599
(52863)	2004 06 15.87304	16 09 59.16	-15 21 34.3	MPS109436	1 599	(57497)	2004 06 24.05254	20 42 58.61	-14 23 49.8	MPS109766	1 599
(52863)	2004 06 15.89584	16 09 57.91	-15 21 36.4	MPS109436	1 599	(57497)	2004 06 24.07895	20 42 57.77	-14 23 51.7	MPS109766	1 599
(52991)	2004 06 15.85584	16 08 09.25	-11 07 52.1	MPS109437	1 599	(57502)	2004 06 24.03106	20 43 01.04	-09 56 39.3	MPS109766	1 599
(52991)	2004 06 15.86587	16 08 08.75	-11 07 50.3	MPS109437	1 599	(57502)	2004 06 24.04432	20 43 00.63	-09 56 39.2	MPS109766	1 599
(52991)	2004 06 15.87735	16 08 08.12	-11 07 49.0	MPS109437	1 599	(57502)	2004 06 24.07073	20 42 59.83	-09 56 39.1	MPS109766	1 599
(52991)	2004 06 15.88876	16 08 07.59	-11 07 48.8	MPS109437	1 599	(57699)	2004 06 22.01428	19 48 07.09	-23 19 05.8	MPS109766	1 599
(53216)	2004 06 22.93429	16 25 12.18	-11 20 56.7	MPS109752	1 599	(57699)	2004 06 22.02197	19 48 06.71	-23 19 08.5	MPS109766	1 599
(53216)	2004 06 22.94258	16 25 11.76	-11 21 02.3	MPS109752	1 599	(57699)	2004 06 22.02970	19 48 06.34	-23 19 11.3	MPS109766	1 599
(53216)	2004 06 22.94929	16 25 11.42	-11 21 06.9	MPS109752	1 599	(57712)	2004 06 22.88459	16 22 21.33	-17 13 27.1	MPS109766	1 599
(53216)	2004 06 22.95774	16 25 10.98	-11 21 12.6	MPS109752	1 599	(57712)	2004 06 22.89455	16 22 20.90	-17 13 27.1	MPS109766	1 599
(53877)	2004 06 22.83997	16 21 07.04	-10 14 40.0	MPS109755	1 599	(57712)	2004 06 22.90445	16 22 20.47	-17 13 27.1	MPS109766	1 599
(53877)	2004 06 22.84923	16 21 06.63	-10 14 40.7	MPS109755	1 599	(57712)	2004 06 22.91436	16 22 20.03	-17 13 27.2	MPS109766	1 599
(53877)	2004 06 22.85845	16 21 06.18	-10 14 41.3	MPS109755	1 599	(58092)	2004 06 21.89083	16 18 05.95	-12 32 04.7	MPS109767	1 599
(53877)	2004 06 22.86768	16 21 05.76	-10 14 41.7	MPS109755	1 599	(58092)	2004 06 21.90313	16 18 05.45	-12 32 04.5	MPS109767	1 599
(53905)	2004 06 21.89083	16 16 45.80	-12 08 11.5	MPS109755	1 599	(58092)	2004 06 21.91688	16 18 04.94	-12 32 05.0	MPS109767	1 599
(53905)	2004 06 21.90313	16 16 45.19	-12 08 12.9	MPS109755	1 599	(58092)	2004 06 21.92919	16 18 04.51	-12 32 04.9	MPS109767	1 599
(53905)	2004 06 21.91688	16 16 44.41	-12 08 14.4	MPS109755	1 599	(58095)	2004 06 22.97149	19 43 08.82	-23 49 16.6	MPS109767	1 599
(53905)	2004 06 21.92919	16 16 43.82	-12 08 16.8	MPS109755	1 599	(58095)	2004 06 22.97813	19 43 08.57	-23 49 17.4	MPS109767	1 599
(53937)	2004 06 22.93593	16 27 33.96	-12 15 31.7	MPS109755	1 599	(58095)	2004 06 22.99142	19 43 08.09	-23 49 18.4	MPS109767	1 599
(53937)	2004 06 22.94422	16 27 33.59	-12 15 31.4	MPS109755	1 599	(58179)	2004 06 24.96459	20 15 19.47	-13 18 19.6	MPS109767	1 599
(53937)	2004 06 22.95093	16 27 33.31	-12 15 31.2	MPS109755	1 599	(58179)	2004 06 24.98448	20 15 18.75	-13 18 22.2	MPS109767	1 599
(53937)	2004 06 22.95938	16 27 32.91	-12 15 30.5	MPS109755	1 599	(58179)	2004 06 24.99443	20 15 18.35	-13 18 23.1	MPS109767	1 599
(54084)	2004 06 15.85726	16 10 09.44	-11 27 09.7	MPS109449	1 599	(58362)	2004 06 22.84771	16 22 57.43	-08 54 28.7	MPS109768	1 599
(54084)	2004 06 15.86730	16 10 08.93	-11 27 10.9	MPS109449	1 599	(58362)	2004 06 22.85694	16 22 57.07	-08 54 28.8	MPS109768	1 599
(54946)	2004 06 15.86300	16 08 55.25	-15 24 23.8	MPS109455	1 599	(58362)	2004 06 22.86615	16 22 56.66	-08 54 28.4	MPS109768	1 599
(54946)	2004 06 15.87304	16 08 54.75	-15 24 22.0	MPS109455	1 599	(59061)	2004 06 22.97320	19 45 29.26	-23 08 17.3	MPS109769	1 599
(54946)	2004 06 15.89584	16 08 53.57	-15 24 17.5	MPS109455	1 599	(59061)	2004 06 22.97985	19 45 28.95	-23 08 19.0	MPS109769	1 599
(55401)	2004 06 24.03212	20 43 04.69	-10 58 01.4	MPS109759	1 599	(59061)	2004 06 22.98649	19 45 28.59	-23 08 20.9	MPS109769	1 599
(55401)	2004 06 24.04596	20 43 03.95	-10 57 55.1	MPS109759	1 599	(59061)	2004 06 22.99313	19 45 28.27	-23 08 23.0	MPS109769	1 599
(55401)	2004 06 24.07237	20 43 02.47	-10 57 42.8	MPS109759	1 599	(59311)	2004 06 22.01276	19 48 11.41	-24 09 40.7	MPS109769	1 599
(55479)	2004 06 15.85726	16 07 25.05	-11 48 52.3	MPS109458	1 599	(59311)	2004 06 22.02046	19 48 11.03	-24 09 42.6	MPS109769	1 599
(55479)	2004 06 15.86730	16 07 24.66	-11 48 48.5	MPS109458	1 599	(59311)	2004 06 22.02817	19 48 10.70	-24 09 44.0	MPS109769	1 599
(55479)	2004 06 15.87876	16 07 24.21	-11 48 44.2	MPS109458	1 599	(59311)	2004 06 22.03586	19 48 10.25	-24 09 45.2	MPS109769	1 599
(56094)	2004 06 22.96985	19 42 45.93	-24 57 12.0	MPS109761	1 599	(59482)	2004 06 15.85867	16 07 52.53	-12 29 18.6	MPS109485	1 599
(56094)	2004 06 22.97649	19 42 45.59	-24 57 12.5	MPS109761	1 599	(59482)	2004 06 15.86871	16 07 52.11	-12 29 17.8	MPS109485	1 599
(56094)	2004 06 22.98313	19 42 45.25	-24 57 12.7	MPS109761	1 599	(59482)	2004 06 15.89158	16 07 51.15	-12 29 14.6	MPS109485	1 599
(56713)	2004 06 15.86445	16 07 28.39	-16 39 02.6	MPS109469	1 599	(59518)	2004 06 25.04815	00 15 22.19	+14 37 15.8	MPS109769	1 599
(56713)	2004 06 15.87591	16 07 27.77	-16 39 01.8	MPS109469	1 599	(59518)	2004 06 25.05893	00 15 22.88	+14 37 23.0	MPS109769	1 599
(56713)	2004 06 15.88733	16 07 27.19	-16 39 01.2	MPS109469	1 599	(59518)	2004 06 25.06967	00 15 23.59	+14 37 29.2	MPS109769	1 599
(56771)	2004 06 15.86300	16 10 41.09	-15 24 33.7	MPS109470	1 599	(59880)	2004 06 16.96909	17 15 49.20	-07 05 47.5	MPS109487	1 599
(56771)	2004 06 15.89584	16 10 39.63	-15 24 27.3	MPS109470	1 599	(59880)	2004 06 16.97986	17 15 48.67	-07 05 47.2	MPS109487	1 599
(56799)	2004 06 21.89083	16 18 34.73	-12 12 00.1	MPS109764	1 599	(59880)	2004 06 16.99069	17 15 48.14	-07 05 47.3	MPS109487	1 599
(56799)	2004 06 21.90313	16 18 34.23	-12 12 00.1	MPS109764	1 599	(59880)	2004 06 17.00152	17 15 47.59	-07 05 47.3	MPS109487	1 599
(56799)	2004 06 21.91688	16 18 33.67	-12 12 00.1	MPS109764	1 599	(59889)	2004 06 24.03439	20 40 55.92	-11 31 40.0	MPS109770	1 599
(56799)	2004 06 21.92919	16 18 33.18	-12 12 00.1	MPS109764	1 599	(59889)	2004 06 24.04761	20 40 55.59	-11 31 42.0	MPS109770	1 599
(56839)	2004 06 22.84615	16 23 10.16	-13 40 13.6	MPS109764	1 599	(59889)	2004 06 24.06080	20 40 55.24	-11 31 44.3	MPS109770	1 599

(59889)	2004 06 24.07402	20 40 54.97	-11 31 48.0	MPS109770	1 599	(64198)	2004 06 22.03283	19 47 59.33	-21 16 56.4	MPS109780	1 599
(59912)	2004 06 24.03212	20 43 10.81	-10 42 12.3	MPS109771	1 599	(64198)	2004 06 22.04051	19 47 59.02	-21 16 57.6	MPS109780	1 599
(59912)	2004 06 24.04596	20 43 10.53	-10 42 12.2	MPS109771	1 599	(64394)	2004 06 22.88295	16 23 15.28	-17 01 17.8	MPS109780	1 599
(59912)	2004 06 24.07237	20 43 09.92	-10 42 12.4	MPS109771	1 599	(64394)	2004 06 22.89288	16 23 14.80	-17 01 18.1	MPS109780	1 599
(59917)	2004 06 24.03603	20 43 05.11	-12 30 29.6	MPS109771	1 599	(64394)	2004 06 22.90281	16 23 14.32	-17 01 18.5	MPS109780	1 599
(59917)	2004 06 24.04925	20 43 04.82	-12 30 30.1	MPS109771	1 599	(64394)	2004 06 22.91274	16 23 13.84	-17 01 18.7	MPS109780	1 599
(59917)	2004 06 24.07566	20 43 04.23	-12 30 29.5	MPS109771	1 599	(64653)	2004 06 21.88933	16 17 09.30	-11 37 45.3	MPS109781	1 599
(60744)	2004 06 21.89391	16 18 20.47	-14 17 47.4	MPS109772	1 599	(64653)	2004 06 21.90160	16 17 08.79	-11 37 44.0	MPS109781	1 599
(60744)	2004 06 21.91993	16 18 18.99	-14 17 52.4	MPS109772	1 599	(64688)	2004 06 22.93429	16 24 58.13	-11 44 09.7	MPS109781	1 599
(60744)	2004 06 21.93225	16 18 18.29	-14 17 54.7	MPS109772	1 599	(64688)	2004 06 22.94258	16 24 57.77	-11 44 10.2	MPS109781	1 599
(60942)	2004 06 24.04096	20 40 27.37	-15 09 36.5	MPS109773	1 599	(64688)	2004 06 22.94929	16 24 57.51	-11 44 10.7	MPS109781	1 599
(60942)	2004 06 24.05416	20 40 27.18	-15 09 37.1	MPS109773	1 599	(64688)	2004 06 22.95774	16 24 57.19	-11 44 11.1	MPS109781	1 599
(60942)	2004 06 24.06737	20 40 27.00	-15 09 37.8	MPS109773	1 599	(64740)	2004 06 24.03106	20 43 24.13	-10 15 04.9	MPS109781	1 599
(60942)	2004 06 24.08059	20 40 26.83	-15 09 38.6	MPS109773	1 599	(64740)	2004 06 24.04432	20 43 23.71	-10 15 05.0	MPS109781	1 599
(61431)	2004 06 22.88630	16 20 56.66	-18 05 37.1	MPS109774	1 599	(64740)	2004 06 24.07073	20 43 22.88	-10 15 05.5	MPS109781	1 599
(61431)	2004 06 22.89624	16 20 56.24	-18 05 36.9	MPS109774	1 599	(66228)	2004 06 24.96131	20 15 25.40	-11 36 37.7	MPS109782	1 599
(61431)	2004 06 22.91607	16 20 55.43	-18 05 36.5	MPS109774	1 599	(66228)	2004 06 24.97124	20 15 24.95	-11 36 36.5	MPS109782	1 599
(61647)	2004 06 22.01276	19 45 37.45	-24 29 06.0	MPS109775	1 599	(66228)	2004 06 24.98119	20 15 24.54	-11 36 36.4	MPS109782	1 599
(61647)	2004 06 22.01894	19 45 37.17	-24 29 06.2	MPS109775	1 599	(66228)	2004 06 24.99112	20 15 24.15	-11 36 36.1	MPS109782	1 599
(61647)	2004 06 22.02046	19 45 37.11	-24 29 06.3	MPS109775	1 599	(73512)	2004 06 22.87966	16 22 54.68	-15 00 10.5	MPS109783	1 599
(61647)	2004 06 22.02664	19 45 36.82	-24 29 07.0	MPS109775	1 599	(73512)	2004 06 22.88961	16 22 54.22	-15 00 08.8	MPS109783	1 599
(61647)	2004 06 22.02817	19 45 36.71	-24 29 06.8	MPS109775	1 599	(73512)	2004 06 22.89952	16 22 53.73	-15 00 06.5	MPS109783	1 599
(61647)	2004 06 22.03435	19 45 36.46	-24 29 07.7	MPS109775	1 599	(73512)	2004 06 22.90945	16 22 53.27	-15 00 04.5	MPS109783	1 599
(61647)	2004 06 22.03586	19 45 36.36	-24 29 07.8	MPS109775	1 599	(84868)	2004 06 11.28574	16 04 08.90	-09 40 42.5	MPS108928 17.9 R	1H06
(61647)	2004 06 22.96985	19 44 53.26	-24 30 13.6	MPS109775	1 599	(84868)	2004 06 11.29312	16 04 08.54	-09 40 42.7	MPS108928 17.8 R	1H06
(61647)	2004 06 22.97649	19 44 52.88	-24 30 13.9	MPS109775	1 599	(84868)	2004 06 11.30050	16 04 08.18	-09 40 43.3	MPS108928 17.7 R	1H06
(61647)	2004 06 22.98313	19 44 52.57	-24 30 14.2	MPS109775	1 599	Note 1: Time changed. 2: Given originally as code 461. 1993 RO ₂₀ = (14709). 2000 QT ₁ = (61386). 2000 YA ₃₂ = (82071). 2001 FW ₁₄₁ = (46193). 2001 YH ₁₀₈ = (61507).					
(62402)	2004 06 24.04268	20 42 59.53	-15 47 21.0	MPS109777	1 599						
(62402)	2004 06 24.05587	20 42 59.27	-15 47 21.2	MPS109777	1 599						
(62402)	2004 06 24.06909	20 42 59.00	-15 47 22.4	MPS109777	1 599						
(62688)	2004 06 21.89701	16 15 26.90	-16 12 33.0	MPS109778	1 599						
(62688)	2004 06 21.92299	16 15 25.80	-16 12 36.9	MPS109778	1 599						
(62688)	2004 06 21.93530	16 15 25.28	-16 12 38.7	MPS109778	1 599						
(62764)	2004 06 22.88130	16 23 00.99	-16 07 32.9	MPS109778	1 599						
(62764)	2004 06 22.89124	16 23 00.61	-16 07 31.1	MPS109778	1 599						
(62764)	2004 06 22.90117	16 23 00.22	-16 07 29.5	MPS109778	1 599						
(62764)	2004 06 22.91110	16 22 59.84	-16 07 27.6	MPS109778	1 599						
(63138)	2004 06 22.97320	19 43 59.75	-23 16 52.2	MPS109779	1 599						
(63138)	2004 06 22.97985	19 43 59.41	-23 16 54.5	MPS109779	1 599						
(63138)	2004 06 22.98649	19 43 59.14	-23 16 56.1	MPS109779	1 599						
(63138)	2004 06 22.99313	19 43 58.87	-23 16 57.7	MPS109779	1 599						
(63557)	2004 06 22.97320	19 43 41.79	-23 01 03.5	MPS109779	1 599						
(63557)	2004 06 22.97985	19 43 41.48	-23 01 04.2	MPS109779	1 599						
(63557)	2004 06 22.98649	19 43 41.19	-23 01 04.9	MPS109779	1 599						
(63557)	2004 06 22.99313	19 43 40.87	-23 01 05.8	MPS109779	1 599						
(63922)	2004 06 21.88630	16 17 26.40	-10 18 05.1	MPS109780	1 599						
(63922)	2004 06 21.88780	16 17 26.30	-10 18 05.1	MPS109780	1 599						
(63922)	2004 06 21.89854	16 17 25.87	-10 18 05.4	MPS109780	1 599						
(63922)	2004 06 21.90007	16 17 25.81	-10 18 06.0	MPS109780	1 599						
(63922)	2004 06 21.91086	16 17 25.37	-10 18 06.1	MPS109780	1 599						
(63922)	2004 06 21.91239	16 17 25.27	-10 18 05.7	MPS109780	1 599						
(64198)	2004 06 22.01739	19 48 00.06	-21 16 53.3	MPS109780	1 599						
(64198)	2004 06 22.02509	19 47 59.67	-21 16 55.1	MPS109780	1 599						

DELETED OBSERVATIONS

The following observations are to be deleted.

Object	Date	UT	α_{2000}	δ_{2000}	Reference	Obs.
1993 OM ₇	1993 07 24.16042	19 49 14.11	-18 32 39.8	MPC 22656	809	
1998 BW ₅	1994 03 10.32146	11 53 15.89	+05 21 20.0	MPS 42867	691	
1998 DZ ₂₀	1994 03 09.32027	10 43 51.42	+05 51 57.8	MPS 48484	691	
1998 QO ₆₃	1998 09 01.60769	22 26 39.51	-16 14 01.2	MPS 2060	428	
2000 AY ₅₆	2002 08 29.39670	22 30 44.95	-10 25 57.3	MPS 83244	644	
2000 GX ₃₅	2004 03 16.91561	11 02 18.98	+03 37 04.4	MPS101055	599	
2000 GX ₃₅	2004 03 16.92557	11 02 18.26	+03 37 00.2	MPS101055	599	
2000 VN ₂	1980 06 23.75382	22 18 48.35	-27 29 40.2	MPS 27870	260	
2000 VN ₂	1980 06 23.79548	22 18 48.22	-27 30 00.0	MPS 27870	260	
2000 VN ₂	1994 10 24.42458	21 43 15.77	-34 01 27.8	MPS 27870	260	
2000 VN ₂	1994 10 24.46625	21 43 16.07	-34 01 06.1	MPS 27870	260	
2000 XX ₁₇	1995 10 01.22976	22 46 21.51	-09 56 00.7	MPS 54886	691	
2001 SQ ₂₅₉	1994 10 28.20864	01 54 59.51	+14 42 43.6	MPS108079	691	
2001 SQ ₂₅₉	1994 10 28.23097	01 54 58.04	+14 42 37.5	MPS108079	691	
2001 VX ₆	2001 10 14.32302	03 13 23.91	+20 40 55.4	MPS 54658	704	
2001 VX ₆	2001 10 14.33899	03 13 23.39	+20 40 52.7	MPS 54658	704	
2001 VX ₆	2001 10 14.35474	03 13 22.91	+20 40 51.9	MPS 54658	704	
2002 QE ₁₅	2002 11 08.93081	22 43 54.60	+18 34 58.6	MPS 65882	A30	

2003 QQ ₁₁₂	*	2003 08 26.83256	18 59 49.47	+08 32 04.7	MPC50561	587	1988 VL ₁₄	1988 11 05.93426	02 59 42.79	+15 00 16.5	1988 VS ₅	046
2003 UO ₁₃₂		1993 09 10.27773	23 24 31.83	-06 46 37.6	MPS108479	691	1989 GA ₉	* 1989 04 07.92292	12 40 52.98	+04 41 35.8	1989 GO ₈	19.1 033
2003 VV		2003 11 05.29913	03 08 28.57	+60 34 52.2	MPS 90722	704	1989 SB ₁₅	* 1989 09 24.21284	00 06 36.54	+01 05 13.0	1989 SX ₈	809
2003 VV		2003 11 05.31161	03 08 27.33	+60 34 53.9	MPS 90722	704	1989 SB ₁₅	1989 09 24.22743	00 06 35.94	+01 05 06.5	1989 SX ₈	809
2003 YC ₃₃		1999 09 08.25226	23 15 59.18	-04 54 20.9	MPS108484	691	1989 SB ₁₅	1989 09 24.24201	00 06 35.34	+01 05 00.1	1989 SX ₈	809
2004 BP ₅₇		1996 01 14.41463	09 24 56.88	+06 46 43.2	MPS103862	691	1990 EA ₁₁	* 1990 03 04.22639	11 39 51.49	-02 44 13.3	1990 EL ₄	809
2004 BP ₅₇		1996 01 14.45648	09 24 54.43	+06 46 46.1	MPS103862	691	1990 EA ₁₁	1990 03 04.23958	11 39 50.90	-02 44 11.8	1990 EL ₄	809
2004 BB ₁₂₂		2003 01 05.16373	01 58 42.57	+26 22 48.6	MPS108499	446	1990 EA ₁₁	1990 03 04.25278	11 39 50.35	-02 44 12.2	1990 EL ₄	809
2004 HE ₄		1995 12 22.20120	03 28 17.27	+15 54 59.6	MPS106811	691	1990 EB ₁₁	* 1990 03 07.33125	11 11 44.36	+04 15 29.0	1990 EH ₈	809
2004 HC ₃₉		2004 05 04.38654	16 57 43.09	+21 37 43.3	MPS106818	H41	1990 EB ₁₁	1990 03 07.33820	11 11 43.87	+04 15 30.4	1990 EH ₈	809
(1053)		2003 02 23.95269	10 00 55.68	+23 01 19.2	MPS 74552	599	1990 EB ₁₁	1990 03 07.34514	11 11 43.37	+04 15 31.9	1990 EH ₈	809
(12551)		2002 10 04.25030	00 30 58.29	+03 31 47.0	MPS 64622	683	1990 SL ₃₀	* 1990 09 25.17778	00 18 06.97	-05 17 29.4	1990 SD ₉	19.6 809
(15748)		2003 02 23.95270	09 59 51.20	+23 25 37.8	MPS 74915	599	1990 SL ₃₀	1990 09 25.19097	00 18 06.24	-05 17 31.0	1990 SD ₉	809
2004 MK ₄		2004 06 22.97485	19 44 36.92	-25 20 02.1		19.2 R 599	1990 SL ₃₀	1990 09 25.20417	00 18 05.38	-05 17 32.8	1990 SD ₉	809
2004 MK ₄		2004 06 22.98149	19 44 36.55	-25 20 11.8		20.0 R 599	1990 SM ₃₀	* 1990 09 21.11771	23 46 12.15	-05 04 57.8	1990 SH ₁₂	809
2004 MK ₄		2004 06 22.98813	19 44 36.27	-25 20 22.2		18.6 R 599	1990 SM ₃₀	1990 09 21.13089	23 46 11.80	-05 05 05.8	1990 SH ₁₂	809
							1990 SM ₃₀	1990 09 21.14410	23 46 11.45	-05 05 13.9	1990 SH ₁₂	809
							1990 UW ₁₄	* 1990 10 19.23819	02 59 31.06	+08 37 33.6	1990 UD ₅	809
							1990 UW ₁₄	1990 10 19.25139	02 59 30.25	+08 37 31.3	1990 UD ₅	19.0 809
							1990 UW ₁₄	1990 10 19.26458	02 59 29.48	+08 37 30.2	1990 UD ₅	809
							1990 WL ₁₆	* 1990 11 26.67992	04 54 10.99	-12 59 50.3	1990 WX ₂	413
							1991 CV ₆	* 1991 02 10.72431	09 26 39.32	+18 29 09.1	1991 CH ₁	18 372
							1991 CV ₆	1991 02 10.73472	09 26 38.26	+18 29 10.7	1991 CH ₁	372
							1991 DW ₂	* 1991 02 16.97812	10 14 17.59	+11 06 45.5	1991 CG ₂	18.5 511
							1991 FC ₇	* 1991 03 23.34618	13 16 31.47	-08 31 56.0	1991 FZ ₃	809
							1991 FC ₇	1991 03 23.35660	13 16 31.06	-08 31 53.7	1991 FZ ₃	809
							1991 FC ₇	1991 03 23.36701	13 16 30.62	-08 31 51.5	1991 FZ ₃	809
							1991 FD ₇	* 1991 03 20.16216	11 06 38.46	+04 53 09.2	1991 FY ₁	809
							1991 FD ₇	1991 03 20.17257	11 06 37.84	+04 53 13.2	1991 FY ₁	809
							1991 FD ₇	1991 03 20.18298	11 06 37.22	+04 53 17.4	1991 FY ₁	809
							1991 FE ₇	* 1991 03 20.16216	11 05 51.71	+05 06 19.0	1991 FT ₁	809
							1991 FE ₇	1991 03 20.17257	11 05 51.16	+05 06 20.1	1991 FT ₁	809
							1991 FE ₇	1991 03 20.18298	11 05 50.59	+05 06 21.1	1991 FT ₁	809
							1991 GA ₁₅	* 1991 04 10.16736	13 19 44.88	-11 06 17.0	1991 GD ₅	19.0 809
							1991 GA ₁₅	1991 04 10.18056	13 19 44.00	-11 06 11.2	1991 GD ₅	809
							1991 GA ₁₅	1991 04 10.19375	13 19 43.37	-11 06 07.1	1991 GD ₅	809
							1991 KJ ₃	* 1991 05 17.07014	15 57 51.98	-06 54 12.9	1991 JY ₄	809
							1991 KJ ₃	1991 05 17.08333	15 57 51.17	-06 54 10.6	1991 JY ₄	809
							1991 KJ ₃	1991 05 17.09653	15 57 50.46	-06 54 07.9	1991 JY ₄	809
							1991 KK ₃	* 1991 05 17.15972	16 25 03.32	-18 22 21.2	1991 JB ₃	19.0 809
							1991 KK ₃	1991 05 17.17292	16 25 02.65	-18 22 21.1	1991 JB ₃	809
							1991 KK ₃	1991 05 17.18611	16 25 01.90	-18 22 21.9	1991 JB ₃	809
							1991 PQ ₃₂	* 1991 08 14.16181	20 47 29.90	-18 29 55.0	1991 PM ₁₉	19.4 809
							1991 PQ ₃₂	1991 08 14.17500	20 47 29.02	-18 29 55.8	1991 PM ₁₉	809
							1991 PQ ₃₂	1991 08 14.18819	20 47 28.01	-18 29 57.0	1991 PM ₁₉	809
							1991 SR ₅	* 1991 09 17.30416	23 07 42.49	-09 46 17.5	1991 RP ₂₈	691
							1991 SR ₅	1991 09 17.31909	23 07 41.84	-09 46 20.5	1991 RP ₂₈	691
							1991 SR ₅	1991 09 17.32950	23 07 41.30	-09 46 22.4	1991 RP ₂₈	20.1 V 691
							1991 SS ₅	* 1991 09 17.33941	23 21 20.26	-07 34 29.5	1991 RE ₂₂	18.0 675
							1991 SS ₅	1991 09 17.37222	23 21 18.70	-07 34 38.0	1991 RE ₂₂	675
							1991 VL ₁₇	* 1991 11 15.66597	04 43 07.49	+26 10 35.6	1991 VL ₄	402
							1991 VL ₁₇	1991 11 15.68264	04 43 06.43	+26 10 32.2	1991 VL ₄	402
							1991 VM ₁₇	* 1991 11 12.14792	03 48 58.49	+09 24 06.6	1991 VQ ₆	19.3 809

IDENTIFICATION CHANGES

Continuation to MPC 51466.

Object	Date	UT	α_{2000}	δ_{2000}	Originally	Mag.	N Obs.					
1971 GM	*	1971 04 02.41285	12 14 56.79	+01 49 16.0	2302 T-1		675					
1971 SK ₄	*	1971 09 27.25510	01 06 41.69	+08 59 13.6	1971 SR ₃		805					
1972 XU ₂	*	1972 12 06.76241	02 30 28.89	+05 06 45.3	1972 XS ₂	17.0	095					
1976 UQ ₂₁	*	1976 10 24.65222	01 50 06.33	+02 33 22.5	1976 UN ₁₈	18.7	381					
1977 DP ₁₁	*	1977 02 19.49596	09 59 01.95	+12 10 10.8	1977 DF ₁	18.4	381					
1977 DP ₁₁		1977 02 19.53208	09 59 00.11	+12 10 21.2	1977 DF ₁	18.4	381					
1978 UQ ₈	*	1978 10 30.94670	03 52 30.03	+24 33 12.2	1978 VL ₂		010					
1978 UR ₈	*	1978 10 30.94670	03 52 05.63	+24 03 51.9	1978 VK ₂		010					
1980 TT ₁₅	*	1980 10 07.33056	00 39 33.64	+03 26 09.4	1980 TJ ₄		675					
1981 UE ₃₀	*	1981 10 28.86102	02 32 43.59	+04 07 15.2	1981 UV ₁₁	17.5	095					
1982 KM ₄	*	1982 05 16.37292	15 11 36.31	-14 38 08.1	1982 JO	19.0	675					
1982 KM ₄		1982 05 17.30764	15 10 46.98	-14 35 55.7	1982 JO	19.0	675					
1982 XZ ₄	*	1982 12 14.51124	03 11 01.31	+13 35 41.0	1982 XH ₂	18.0	381					
1982 XZ ₄		1982 12 14.53486	03 11 00.76	+13 35 40.2	1982 XH ₂	18.5	381					
1982 XZ ₄		1982 12 14.55631	03 11 00.12	+13 35 40.8	1982 XH ₂	18.0	381					
1982 XZ ₄		1982 12 14.57861	03 10 59.49	+13 35 39.7	1982 XH ₂	18.5	381					
1984 QZ ₁	*	1984 08 24.00562	23 11 04.91	-03 32 38.0	1984 QK		046					
1984 QZ ₁		1984 08 24.01975	23 11 04.26	-03 32 40.7	1984 QK		046					
1984 SR ₈	*	1984 09 28.40556	01 53 16.12	+08 05 26.9	1984 ST ₃		688					
1986 TH ₁₉	*	1986 10 10.93380	01 17 42.41	+04 16 19.6	1986 TB ₄		046					
1986 TH ₁₉		1986 10 10.94792	01 17 41.84	+04 16 25.9	1986 TB ₄		046					
1986 T.J ₁₉	*	1986 10 02.87262	23 37 59.37	-04 54 31.4	1986 ST ₂	16.0 V	095					
1987 SG ₃₁	*	1987 09 19.31701	23 27 30.52	-02 28 28.9	1987 SQ ₁₂		809					
1987 SG ₃₁		1987 09 19.32187	23 27 30.26	-02 28 29.8	1987 SQ ₁₂		809					
1987 SG ₃₁		1987 09 19.32673	23 27 30.00	-02 28 30.6	1987 SQ ₁₂		809					
1987 SG ₃₁		1987 09 24.19271	23 23 23.46	-02 44 01.2	1987 SQ ₁₂		809					
1987 SG ₃₁		1987 09 24.19757	23 23 23.22	-02 44 01.9	1987 SQ ₁₂		809					
1987 SG ₃₁		1987 09 24.20243	23 23 22.97	-02 44 03.2	1987 SQ ₁₂		809					
1987 WX ₅	*	1987 11 20.43194	03 14 44.63	+08 29 15.5	1987 WN		675					
1988 EC ₃	*	1988 03 14.93204	12 15 20.20	+05 55 47.3	1988 ET ₁		054					
1988 VL ₁₄	*	1988 11 05.92153	02 59 43.57	+15 00 16.0	1988 VS ₅		046					

1991 VM ₁₇	1991 11 12.16111	03 48 57.75	+09 24 01.5	1991 VQ ₆	809	1993 TW ₄₈	1993 10 11.18611	01 29 01.66	+05 06 59.5	1993 TE ₂₄	809
1991 VM ₁₇	1991 11 12.17431	03 48 57.06	+09 23 57.4	1991 VQ ₆	809	1994 AK ₁₇	* 1994 01 15.07222	08 17 28.94	+26 39 33.1	1994 AR ₁₅	19.1 033
1991 VN ₁₇	* 1991 11 12.14792	03 56 09.89	+07 47 16.8	1991 VT ₆	19.6 809	1994 AK ₁₇	1994 01 15.11319	08 17 26.26	+26 39 38.1	1994 AR ₁₅	033
1991 VN ₁₇	1991 11 12.16111	03 56 09.20	+07 47 13.2	1991 VT ₆	809	1994 GZ ₁₁	* 1994 04 15.32413	13 55 29.49	-03 38 29.1	1994 GO ₁₀	16.8 V 675
1991 VN ₁₇	1991 11 12.17431	03 56 08.44	+07 47 10.2	1991 VT ₆	809	1994 GZ ₁₁	1994 04 15.35243	13 55 28.39	-03 38 21.9	1994 GO ₁₀	16.3 V 675
1991 VO ₁₇	* 1991 11 04.21003	02 34 56.67	+13 14 21.2	2000 TN ₃₆	17.6 V 691	1994 RT ₂₉	* 1994 09 05.00694	23 10 53.07	+08 14 34.5	1994 RG ₁	098
1991 VO ₁₇	1991 11 04.23262	02 34 55.49	+13 14 15.1	2000 TN ₃₆	691	1994 RT ₂₉	1994 09 05.02222	23 10 52.22	+08 14 33.6	1994 RG ₁	098
1991 VO ₁₇	1991 11 04.25504	02 34 54.35	+13 14 09.5	2000 TN ₃₆	691	1994 RU ₂₉	* 1994 09 14.47110	00 15 17.41	+02 26 59.4	1994 RE ₁₄	691
1991 XA ₇	* 1991 12 13.29610	03 02 54.26	+25 32 50.7	1991 XZ ₁	691	1994 RU ₂₉	1994 09 14.48569	00 15 16.68	+02 26 55.6	1994 RE ₁₄	20.7 V 691
1991 XA ₇	1991 12 13.31047	03 02 53.71	+25 32 43.7	1991 XZ ₁	20.9 V 691	1994 VU ₈	* 1994 11 01.87569	01 27 23.75	+08 11 25.1	1994 UU ₁₂	033
1991 XA ₇	1991 12 13.32511	03 02 53.29	+25 32 36.9	1991 XZ ₁	691	1994 VU ₈	1994 11 01.91875	01 27 21.27	+08 11 18.1	1994 UU ₁₂	18.9 033
1992 EL ₃₇	* 1992 03 05.23750	10 46 39.81	+01 49 54.0	1992 EO ₃₂	20.8 809	1995 KB ₆	* 1995 05 23.01875	16 20 04.68	-14 06 15.5	1995 KN ₂	010
1992 EM ₃₇	* 1992 03 06.09722	10 42 54.81	+10 54 25.7	1992 DA ₁₃	809	1995 KB ₆	1995 05 23.02569	16 20 04.22	-14 06 21.4	1995 KN ₂	010
1992 NT	* 1992 07 05.34497	19 32 11.99	-26 18 31.3	1992 NN	675	1995 QA ₁₇	* 1995 08 20.22326	23 36 39.42	-00 43 34.1	2002 AF ₅₆	20.1 V 809
1992 NT	1992 07 05.37188	19 32 10.12	-26 18 37.0	1992 NN	675	1995 TQ ₁₂	* 1995 10 14.60641	00 15 18.50	+04 35 46.6	2000 AH ₂₅	327
1992 PA ₇	* 1992 08 06.04306	00 24 14.23	+03 10 09.3	1992 PW ₆	20.3 033	1995 TQ ₁₂	1995 10 14.62817	00 15 17.48	+04 35 40.3	2000 AH ₂₅	327
1992 SN ₂₇	* 1992 09 23.10278	22 46 17.06	-07 35 02.6	1992 SU ₁₉	809	1995 TQ ₁₂	1995 10 14.65038	00 15 16.35	+04 35 34.3	2000 AH ₂₅	19.2 V 327
1992 SN ₂₇	1992 09 23.11597	22 46 16.41	-07 35 04.6	1992 SU ₁₉	809	1995 WV ₄₃	* 1995 11 28.20180	02 05 01.78	+14 39 20.9	1995 WQ ₁₆	691
1992 SN ₂₇	1992 09 23.12917	22 46 15.86	-07 35 07.9	1992 SU ₁₉	809	1995 WV ₄₃	1995 11 28.22325	02 05 00.93	+14 39 15.8	1995 WQ ₁₆	20.7 V 691
1992 UC ₁₁	* 1992 10 20.87910	01 02 28.12	+15 44 33.6	1992 SU ₂₆	16.0 095	1995 WV ₄₃	1995 11 28.24471	02 05 00.13	+14 39 11.0	1995 WQ ₁₆	691
1992 UD ₁₁	* 1992 10 28.87145	00 56 57.10	+14 41 33.9	1992 SU ₂₆	16.3 095	1995 YJ ₂₆	* 1995 12 26.43327	09 33 29.34	+12 28 52.6	2000 EG ₆₁	20.3 V 691
1992 WJ ₁₀	* 1992 11 25.32691	03 29 51.36	+22 23 22.4	1992 WD ₂	675	1995 YJ ₂₆	1995 12 26.45467	09 33 28.96	+12 28 53.6	2000 EG ₆₁	691
1992 WJ ₁₀	1992 11 25.35885	03 29 50.01	+22 23 30.3	1992 WD ₂	675	1995 YJ ₂₆	1995 12 26.47925	09 33 28.52	+12 28 55.3	2000 EG ₆₁	691
1992 WK ₁₀	* 1992 11 21.52986	03 57 33.47	+20 37 45.9	1992 WE ₃	17.2 399	1995 YK ₂₆	* 1995 12 23.25142	08 19 25.44	+16 16 53.5	1995 YW ₉	691
1992 WK ₁₀	1992 11 21.54444	03 57 32.59	+20 37 39.3	1992 WE ₃	399	1995 YK ₂₆	1995 12 23.27297	08 19 24.57	+16 16 56.9	1995 YW ₉	20.1 V 691
1993 BW ₁₅	* 1993 01 26.17431	08 29 10.31	+20 18 57.5	1993 BS ₈	20.4 V 691	1995 YK ₂₆	1995 12 23.29462	08 19 23.71	+16 17 00.0	1995 YW ₉	691
1993 BW ₁₅	1993 01 26.19666	08 29 08.89	+20 19 03.9	1993 BS ₈	691	1996 CP ₉	* 1996 02 14.22708	07 59 08.13	+25 05 25.6	1978 VY ₇	1 261
1993 BW ₁₅	1993 01 26.21883	08 29 07.49	+20 19 10.2	1993 BS ₈	691	1996 CP ₉	1996 02 14.25833	07 59 07.05	+25 05 28.4	1978 VY ₇	1 261
1993 BX ₁₅	* 1993 01 28.24931	09 22 55.05	+09 01 00.7	1993 BS ₁₃	19.0 809	1996 FP ₂₄	* 1996 03 21.24444	08 35 47.43	+27 30 40.1	1996 FG ₁₅	20.5 V 704
1993 BX ₁₅	1993 01 28.27569	09 22 53.63	+09 01 08.0	1993 BS ₁₃	809	1996 FP ₂₄	1996 03 21.27500	08 35 47.96	+27 30 35.6	1996 FG ₁₅	20.5 V 704
1993 FV ₈₄	* 1993 03 25.23519	11 53 08.72	-00 11 32.0	2000 YS ₂₇	19.0 V 691	1996 KZ ₉	* 1996 05 23.24345	14 17 11.24	-09 37 27.0	1996 JW ₁₃	691
1993 FV ₈₄	1993 03 25.26686	11 53 06.97	-00 11 22.6	2000 YS ₂₇	691	1996 KZ ₉	1996 05 23.26489	14 17 10.39	-09 37 25.5	1996 JW ₁₃	691
1993 FV ₈₄	1993 03 25.29873	11 53 05.18	-00 11 13.4	2000 YS ₂₇	691	1996 KZ ₉	1996 05 23.29141	14 17 09.30	-09 37 23.8	1996 JW ₁₃	19.4 V 691
1993 FW ₈₄	* 1993 03 20.34664	12 03 24.66	+03 56 52.5	2000 QH ₃₁	691	1996 TH ₆₉	* 1996 10 11.58998	01 41 34.73	+11 38 46.6	1996 SP ₆	19.5 V 566
1993 FW ₈₄	1993 03 20.37175	12 03 23.48	+03 57 02.2	2000 QH ₃₁	19.2 V 691	1996 TH ₆₉	1996 10 11.59845	01 41 34.08	+11 38 46.3	1996 SP ₆	19.1 V 566
1993 FW ₈₄	1993 03 20.39667	12 03 22.34	+03 57 12.0	2000 QH ₃₁	691	1996 TH ₆₉	1996 10 11.60684	01 41 33.65	+11 38 45.6	1996 SP ₆	19.0 V 566
1993 FX ₈₄	* 1993 03 18.13507	12 16 06.28	+02 17 05.8	1993 FH ₅₂	16.9 809	1996 UX ₅	* 1996 10 18.55608	03 08 41.18	+17 42 04.0	1996 TK ₆₇	19.1 V 566
1993 GS ₁	* 1993 04 14.23839	12 40 57.13	-01 55 37.1	1993 FB ₆₂	691	1996 UX ₅	1996 10 18.56473	03 08 40.68	+17 42 03.7	1996 TK ₆₇	19.3 V 566
1993 GS ₁	1993 04 14.27032	12 40 55.74	-01 55 31.2	1993 FB ₆₂	691	1996 UX ₅	1996 10 18.57312	03 08 40.29	+17 42 03.2	1996 TK ₆₇	19.5 V 566
1993 GS ₁	1993 04 14.30253	12 40 54.29	-01 55 25.1	1993 FB ₆₂	20.4 V 691	1996 VS ₄₁	* 1996 11 15.90203	03 25 13.52	+13 18 21.4	1996 VT ₄₀	16.5 095
1993 GT ₁	* 1993 04 14.42101	15 29 30.05	-03 34 52.4	2002 BE ₁₅	691	1996 VS ₄₁	1996 11 15.90898	03 25 13.03	+13 18 19.8	1996 VT ₄₀	16.5 095
1993 GT ₁	1993 04 14.45277	15 29 29.08	-03 34 41.2	2002 BE ₁₅	18.8 V 691	1997 CO ₃₀	* 1997 02 03.34124	09 28 53.08	+12 48 14.3	1997 BM ₆	18.9 V 691
1993 GT ₁	1993 04 14.48450	15 29 28.13	-03 34 30.4	2002 BE ₁₅	691	1997 CO ₃₀	1997 02 03.35247	09 28 52.45	+12 48 18.5	1997 BM ₆	19.0 V 691
1993 HA ₁₀	* 1993 04 16.52653	12 04 10.92	+01 20 46.2	1993 FY ₄₄	17.5 413	1997 CO ₃₀	1997 02 03.36366	09 28 51.80	+12 48 23.0	1997 BM ₆	18.9 V 691
1993 HB ₁₀	* 1993 04 17.13034	11 41 54.14	+10 14 18.3	2001 UB ₁₀₂	691	1997 GJ ₄₅	* 1997 04 11.22600	10 45 21.11	+12 57 13.9	1997 GY ₂₅	19.6 R 658
1993 HB ₁₀	1993 04 17.15226	11 41 53.37	+10 14 17.5	2001 UB ₁₀₂	20.8 V 691	1997 GJ ₄₅	1997 04 11.22917	10 45 21.01	+12 57 13.8	1997 GY ₂₅	19.6 R 658
1993 HB ₁₀	1993 04 17.17393	11 41 52.57	+10 14 16.2	2001 UB ₁₀₂	691	1997 GJ ₄₅	1997 04 11.23311	10 45 20.89	+12 57 13.5	1997 GY ₂₅	19.6 R 658
1993 ON ₁₄	* 1993 07 24.22708	19 58 05.93	-21 45 37.6	1993 OL ₄	809	1997 JF ₁₉	* 1997 05 02.86126	10 41 59.06	+07 33 07.3	1997 GZ ₃	18.6 V 046
1993 SR ₁₆	* 1993 09 24.26354	00 40 20.19	+04 38 48.8	1993 SF ₁₀	809	1997 JF ₁₉	1997 05 02.86316	10 41 59.02	+07 33 07.0	1997 GZ ₃	046
1993 SR ₁₆	1993 09 24.28437	00 40 19.14	+04 38 41.5	1993 SF ₁₀	809	1997 JF ₁₉	1997 05 02.86499	10 41 58.95	+07 33 07.1	1997 GZ ₃	046
1993 SR ₁₆	1993 09 24.30521	00 40 18.15	+04 38 35.0	1993 SF ₁₀	809	1997 JF ₁₉	1997 05 04.84743	10 41 42.81	+07 21 49.1	1997 GZ ₃	046
1993 TW ₄₈	* 1993 10 11.15972	01 29 03.19	+05 07 09.2	1993 TE ₂₄	18.2 809	1997 JF ₁₉	1997 05 04.85417	10 41 42.80	+07 21 43.6	1997 GZ ₃	046
1993 TW ₄₈	1993 10 11.17292	01 29 02.43	+05 07 04.7	1993 TE ₂₄	809	1997 LL ₁₈	* 1997 06 13.58861	16 53 49.65	-20 23 54.4	1997 LW ₅	886

1997 LL ₁₈	1997 06 13.59680	16 53 49.10	-20 23 57.8	1997 LW ₅	886	1999 QM ₃	* 1999 08 21.25845	21 07 49.44	-16 40 38.5	1999 PN ₅	18.7 V	691
1997 PL ₆	* 1997 08 10.28836	21 13 26.66	-13 52 07.4	2001 UK ₆₂	20.0 V	1999 QM ₃	1999 08 21.28346	21 07 48.27	-16 40 44.7	1999 PN ₅	19.0 V	691
1997 PL ₆	1997 08 10.30976	21 13 25.47	-13 52 11.5	2001 UK ₆₂	20.6 V	1999 QM ₃	1999 08 21.30708	21 07 47.15	-16 40 50.5	1999 PN ₅	19.0 V	691
1997 PL ₆	1997 08 10.33118	21 13 24.36	-13 52 14.7	2001 UK ₆₂	20.6 V	1999 RP ₂₅₈	* 1999 09 08.36508	00 04 59.91	+19 08 22.4	1999 TL ₂₆₆	19.3	704
1997 RM ₁₃	* 1997 09 04.52258	20 53 47.34	-10 46 01.3	1997 QY ₄	327	1999 RP ₂₅₈	1999 09 08.37880	00 04 59.30	+19 08 18.8	1999 TL ₂₆₆	19.8	704
1997 RM ₁₃	1997 09 04.53279	20 53 47.03	-10 46 02.4	1997 QY ₄	327	1999 RP ₂₅₈	1999 09 08.39231	00 04 58.71	+19 08 15.9	1999 TL ₂₆₆	19.8	704
1997 RM ₁₃	1997 09 04.54293	20 53 46.75	-10 46 05.5	1997 QY ₄	18.7	1999 TO ₃₂₈	* 1999 10 13.40726	02 44 17.24	+16 36 23.2	1999 TK ₆₂	20.9 V	691
1997 VJ ₉	* 1997 11 02.95744	00 59 43.44	+03 44 28.8	1997 UL ₁₅	17.0 V	1999 TO ₃₂₈	1999 10 13.42942	02 44 16.36	+16 36 18.7	1999 TK ₆₂	20.6 V	691
1997 VJ ₉	1997 11 02.99069	00 59 42.59	+03 44 21.5	1997 UL ₁₅	552	1999 TO ₃₂₈	1999 10 13.45561	02 44 15.23	+16 36 13.3	1999 TK ₆₂	20.6 V	691
1998 AV ₁₁	* 1998 01 02.36320	07 33 11.76	+21 13 12.9	1997 YT ₂₀	18.8	1999 US ₆₃	* 1999 10 19.18934	00 35 02.51	+08 01 03.1	1999 TO ₂₀₃	18.2	704
1998 AV ₁₁	1998 01 02.38281	07 33 10.65	+21 13 12.7	1997 YT ₂₀	19.2	1999 US ₆₃	1999 10 19.20314	00 35 01.72	+08 00 57.5	1999 TO ₂₀₃	17.9	704
1998 AV ₁₁	1998 01 02.40242	07 33 09.62	+21 13 11.3	1997 YT ₂₀	19.3	1999 US ₆₃	1999 10 19.21686	00 35 00.95	+08 00 53.0	1999 TO ₂₀₃	18.3	704
1998 AV ₁₁	1998 01 02.42204	07 33 08.44	+21 13 10.7	1997 YT ₂₀	18.6	1999 US ₆₃	1999 10 19.23066	00 35 00.31	+08 00 47.6	1999 TO ₂₀₃	18.1	704
1998 MO ₄₉	* 1998 06 23.19624	15 19 03.17	-11 52 52.4	1998 MO ₃	20.0 V	1999 US ₆₃	1999 10 19.24446	00 34 59.41	+08 00 43.2	1999 TO ₂₀₃	18.5	704
1998 MO ₄₉	1998 06 23.21759	15 19 02.65	-11 52 50.7	1998 MO ₃	19.8 V	1999 UT ₆₃	* 1999 10 19.26152	00 45 48.18	+03 15 07.7	1999 TG ₃₁₅	19.7 V	691
1998 MO ₄₉	1998 06 23.23909	15 19 02.14	-11 52 48.7	1998 MO ₃	20.0 V	1999 UT ₆₃	1999 10 19.28617	00 45 46.91	+03 15 01.5	1999 TG ₃₁₅	19.7 V	691
1998 QT ₁₁₁	* 1998 08 30.66205	22 00 33.81	-03 35 09.4	1998 QD ₆₂	19.1	1999 UT ₆₃	1999 10 19.30720	00 45 45.80	+03 14 56.2	1999 TG ₃₁₅	19.7 V	691
1998 QT ₁₁₁	1998 08 30.67213	22 00 33.26	-03 35 14.9	1998 QD ₆₂	327	2000 AF ₂₅₇	* 2000 01 03.37005	09 42 23.90	+23 32 54.0	2001 QN ₁₇₈	19.1	704
1998 QT ₁₁₁	1998 08 30.68212	22 00 32.73	-03 35 19.7	1998 QD ₆₂	327	2000 AF ₂₅₇	2000 01 03.38489	09 42 23.41	+23 32 59.4	2001 QN ₁₇₈	19.5	704
1998 SX ₁₇₁	* 1998 09 23.31111	01 52 30.10	+09 08 16.5	1998 ST ₇₀	809	2000 AF ₂₅₇	2000 01 03.39973	09 42 23.02	+23 33 05.5	2001 QN ₁₇₈	19.6	704
1998 SX ₁₇₁	1998 09 23.32431	01 52 29.51	+09 08 13.7	1998 ST ₇₀	809	2000 AF ₂₅₇	2000 01 03.41459	09 42 22.60	+23 33 11.4	2001 QN ₁₇₈	19.7	704
1998 SX ₁₇₁	1998 09 23.33750	01 52 28.91	+09 08 12.1	1998 ST ₇₀	809	2000 AG ₂₅₇	* 2000 01 14.29130	06 48 14.63	+22 31 34.7	2000 AC ₂₁₇	17.9 V	691
1998 SY ₁₇₁	* 1998 09 20.26458	01 54 22.89	+10 32 31.8	1998 SM ₁₄₃	809	2000 AG ₂₅₇	2000 01 14.31386	06 48 13.25	+22 31 35.5	2000 AC ₂₁₇	18.1 V	691
1998 SY ₁₇₁	1998 09 20.27778	01 54 22.45	+10 32 28.0	1998 SM ₁₄₃	809	2000 AG ₂₅₇	2000 01 14.33649	06 48 11.86	+22 31 36.2	2000 AC ₂₁₇	18.0 V	691
1998 SY ₁₇₁	1998 09 20.29097	01 54 22.02	+10 32 24.9	1998 SM ₁₄₃	809	2000 BK ₅₂	* 2000 01 30.12821	07 16 19.52	+22 27 54.4	1999 XN ₂₂₄	21.1 V	691
1998 TK ₃₈	* 1998 10 12.48917	03 18 45.06	+16 00 03.2	1998 VN ₂₅	19.3 V	2000 BK ₅₂	2000 01 30.15038	07 16 18.38	+22 27 56.4	1999 XN ₂₂₄	21.0 V	691
1998 TK ₃₈	1998 10 12.50001	03 18 44.77	+16 00 03.4	1998 VN ₂₅	19.3 V	2000 BK ₅₂	2000 01 30.17259	07 16 17.26	+22 27 58.7	1999 XN ₂₂₄	21.5 V	691
1998 WU ₄₅	* 1998 11 22.37249	03 02 57.77	+13 46 08.8	1998 WB ₄₂	18.6 V	2000 CB ₁₄₈	* 2000 02 07.36080	09 37 25.95	+14 33 20.0	2000 BG ₄₅	20.4 V	691
1998 WU ₄₅	1998 11 22.37840	03 02 57.55	+13 46 08.0	1998 WB ₄₂	18.7 V	2000 CB ₁₄₈	2000 02 07.38248	09 37 24.75	+14 33 25.0	2000 BG ₄₅	20.1 V	691
1998 WU ₄₅	1998 11 22.38405	03 02 57.21	+13 46 07.1	1998 WB ₄₂	18.9 V	2000 CB ₁₄₈	2000 02 07.40431	09 37 23.60	+14 33 30.1	2000 BG ₄₅	20.2 V	691
1998 XY ₉₉	* 1998 12 15.44941	06 35 51.18	+20 17 39.5	2000 GN ₁₄₇	18.8	2000 CC ₁₄₈	* 2000 02 07.42403	12 19 36.57	+02 29 08.8	1998 VN ₂₅	21.1 V	691
1998 XY ₉₉	1998 12 15.46414	06 35 50.33	+20 17 36.7	2000 GN ₁₄₇	18.8	2000 CC ₁₄₈	2000 02 07.43188	12 19 36.44	+02 29 09.9	1998 VN ₂₅	21.3 V	691
1998 XY ₉₉	1998 12 15.47892	06 35 49.56	+20 17 32.3	2000 GN ₁₄₇	18.6	2000 CC ₁₄₈	2000 02 07.44099	12 19 36.31	+02 29 11.7	1998 VN ₂₅	21.2 V	691
1998 XY ₉₉	1998 12 15.49368	06 35 48.85	+20 17 32.3	2000 GN ₁₄₇	18.6	2000 ET ₂₀₆	* 2000 03 11.17494	10 11 12.20	+09 29 05.0	2000 EE ₁₅₉	19.3	704
1998 XY ₉₉	1998 12 15.50846	06 35 47.64	+20 17 31.4	2000 GN ₁₄₇	19.5	2000 ET ₂₀₆	2000 03 11.18742	10 11 11.63	+09 29 06.8	2000 EE ₁₅₉	19.9	704
1998 YH ₃₃	* 1998 12 23.21570	03 23 21.13	+17 35 41.4	1998 XV ₆₁	20.0 V	2000 ET ₂₀₆	2000 03 11.19991	10 11 11.08	+09 29 11.0	2000 EE ₁₅₉	19.8	704
1998 YH ₃₃	1998 12 23.23832	03 23 20.53	+17 35 41.7	1998 XV ₆₁	20.3 V	2000 ET ₂₀₆	2000 03 11.21240	10 11 10.64	+09 29 12.8	2000 EE ₁₅₉	19.4	704
1999 DQ ₉	* 1999 02 18.42745	12 51 34.87	+16 28 33.3	2002 XM	18.6	2000 EU ₂₀₆	* 2000 03 09.19934	09 24 39.28	+15 44 31.3	2000 DH ₁₁₅	20.9 V	691
1999 DQ ₉	1999 02 18.44846	12 51 34.57	+16 28 46.7	2002 XM	19.3	2000 EU ₂₀₆	2000 03 09.22126	09 24 38.29	+15 44 35.5	2000 DH ₁₁₅	21.1 V	691
1999 DQ ₉	1999 02 18.46930	12 51 34.44	+16 29 00.2	2002 XM	19.6	2000 EU ₂₀₆	2000 03 09.24340	09 24 37.31	+15 44 39.7	2000 DH ₁₁₅	21.1 V	691
1999 DQ ₉	1999 02 18.49017	12 51 34.24	+16 29 13.6	2002 XM	19.2	2000 GU ₁₈₆	* 2000 04 05.13984	11 16 28.41	+01 23 36.1	2000 FQ ₆₆	18.7	704
1999 DQ ₉	1999 02 18.51121	12 51 33.76	+16 29 24.4	2002 XM	19.7	2000 GU ₁₈₆	2000 04 05.15437	11 16 27.77	+01 23 36.9	2000 FQ ₆₆	19.0	704
1999 HE ₁₃	* 1999 04 16.35827	12 41 09.26	-03 55 35.7	1999 GV ₄₁	17.9	2000 GU ₁₈₆	2000 04 05.16891	11 16 27.04	+01 23 40.3	2000 FQ ₆₆	18.9	704
1999 HE ₁₃	1999 04 16.38155	12 41 08.22	-03 55 25.3	1999 GV ₄₁	18.5	2000 GV ₁₈₆	* 2000 04 11.17109	11 37 50.08	+02 31 24.2	2000 GQ ₁₄₉	21.5 V	691
1999 HE ₁₃	1999 04 16.39367	12 41 07.73	-03 55 27.2	1999 GV ₄₁	18.5	2000 GV ₁₈₆	2000 04 11.19177	11 37 49.31	+02 31 30.2	2000 GQ ₁₄₉	21.2 V	691
1999 KE ₂₁	* 1999 05 19.22016	14 32 59.17	-06 45 26.2	1999 JO ₁₂₆	19.0	2000 GV ₁₈₆	2000 04 11.21251	11 37 48.54	+02 31 35.8	2000 GQ ₁₄₉	20.9 V	691
1999 KE ₂₁	1999 05 19.23410	14 32 58.58	-06 45 23.9	1999 JO ₁₂₆	19.7	2000 GW ₁₈₆	* 2000 04 12.19163	12 36 32.32	-01 55 59.7	2000 GB ₁₈₁	21.9 V	691
1999 KE ₂₁	1999 05 19.24804	14 32 57.98	-06 45 23.8	1999 JO ₁₂₆	19.2	2000 GW ₁₈₆	2000 04 12.19533	12 36 32.11	-01 55 58.4	2000 GB ₁₈₁	21.4 V	691
1999 KE ₂₁	1999 05 19.26203	14 32 57.38	-06 45 21.5	1999 JO ₁₂₆	19.2	2000 GW ₁₈₆	2000 04 12.19914	12 36 31.96	-01 55 56.8	2000 GB ₁₈₁	21.7 V	691
1999 OT ₅	* 1999 07 22.17590	19 39 49.20	-17 53 44.6	1999 NK ₆₃	17.7	2000 GX ₁₈₆	* 2000 04 12.19146	12 36 16.85	-01 45 19.6	2000 GU ₁₃₀	19.8 V	691
1999 OT ₅	1999 07 22.18856	19 39 48.35	-17 53 49.0	1999 NK ₆₃	17.1	2000 GX ₁₈₆	2000 04 12.19515	12 36 16.68	-01 45 18.4	2000 GU ₁₃₀	19.9 V	691
1999 OT ₅	1999 07 22.20125	19 39 47.65	-17 53 53.3	1999 NK ₆₃	16.7	2000 GX ₁₈₆	2000 04 12.19896	12 36 16.49	-01 45 16.9	2000 GU ₁₃₀	19.9 V	691
1999 OT ₅	1999 07 22.21390	19 39 46.84	-17 53 57.0	1999 NK ₆₃	17.1	2000 HP ₁₀₅	* 2000 04 30.27531	14 21 09.09	-15 08 05.7	2000 HB ₁₉	19.5 V	691

2000 HP ₁₀₅	2000 04 30.29677	14 21 08.05	-15 08 01.0	2000 HB ₁₉	19.7 V	691	2001 QJ ₃₃₂	2001 08 16.41846	23 16 56.98	+13 56 10.7	2001 RT ₁₄	21.0	644
2000 HP ₁₀₅	2000 04 30.31830	14 21 07.00	-15 07 56.6	2000 HB ₁₉	20.4 V	691	2001 QJ ₃₃₂	2001 08 16.42946	23 16 56.58	+13 56 09.1	2001 RT ₁₄	20.6	644
2000 OX ₆₉	* 2000 07 31.31631	14 20 05.33	-17 49 01.5	2000 OD ₇	17.8 R	474	2001 RN ₁₅₅	* 2001 09 12.33400	23 32 27.69	-02 52 21.4	2001 RR ₃₈	19.4	704
2000 OX ₆₉	2000 07 31.31948	14 20 05.58	-17 49 02.6	2000 OD ₇	17.5 R	474	2001 RN ₁₅₅	2001 09 12.34815	23 32 27.03	-02 52 26.9	2001 RR ₃₈	19.7	704
2000 OX ₆₉	2000 07 31.32428	14 20 05.93	-17 49 04.1	2000 OD ₇	17.4 R	474	2001 RN ₁₅₅	2001 09 12.36227	23 32 26.32	-02 52 31.6	2001 RR ₃₈	20.1	704
2000 QB ₂₅₄	* 2000 08 25.39044	02 03 58.43	+20 41 31.2	2000 UA ₁₄	18.5	704	2001 RN ₁₅₅	2001 09 12.37639	23 32 25.72	-02 52 35.7	2001 RR ₃₈	20.0	704
2000 QB ₂₅₄	2000 08 25.40340	02 03 58.91	+20 41 34.6	2000 UA ₁₄	18.5	704	2001 RN ₁₅₅	2001 09 12.39050	23 32 24.99	-02 52 41.3	2001 RR ₃₈	19.6	704
2000 QB ₂₅₄	2000 08 25.44216	02 04 00.34	+20 41 43.1	2000 UA ₁₄	19.3	704	2001 RN ₁₅₅	2001 09 18.24423	23 27 54.60	-03 25 40.2	2001 RR ₃₈	20.3 V	691
2000 RO ₁₀₆	* 2000 09 06.41992	05 14 14.41	+21 15 31.1	2000 RC ₄₉	18.9	704	2001 RN ₁₅₅	2001 09 18.26533	23 27 53.60	-03 25 47.3	2001 RR ₃₈	20.1 V	691
2000 RO ₁₀₆	2000 09 06.43096	05 14 14.99	+21 15 29.6	2000 RC ₄₉	19.0	704	2001 RN ₁₅₅	2001 09 18.28629	23 27 52.60	-03 25 54.4	2001 RR ₃₈	20.2 V	691
2000 RO ₁₀₆	2000 09 06.44201	05 14 15.56	+21 15 28.4	2000 RC ₄₉	18.7	704	2001 RN ₁₅₅	2001 09 19.25153	23 27 08.41	-03 31 18.2	2001 RR ₃₈	19.2	704
2000 RO ₁₀₆	2000 09 06.45305	05 14 16.16	+21 15 26.9	2000 RC ₄₉	18.5	704	2001 RN ₁₅₅	2001 09 19.26567	23 27 07.71	-03 31 22.3	2001 RR ₃₈	19.8	704
2000 TE ₇₂	* 2000 10 01.25392	01 11 50.74	+04 55 55.8	2000 SJ ₂₃₆	19.4	704	2001 RN ₁₅₅	2001 09 19.27994	23 27 07.03	-03 31 28.2	2001 RR ₃₈	19.5	704
2000 TE ₇₂	2000 10 01.26903	01 11 49.99	+04 55 52.5	2000 SJ ₂₃₆	19.9	704	2001 RN ₁₅₅	2001 09 19.29407	23 27 06.37	-03 31 32.4	2001 RR ₃₈	19.5	704
2000 TE ₇₂	2000 10 01.28414	01 11 49.21	+04 55 48.8	2000 SJ ₂₃₆	19.8	704	2001 RN ₁₅₅	2001 09 19.30820	23 27 05.72	-03 31 36.8	2001 RR ₃₈	20.1	704
2000 TE ₇₂	2000 10 01.31041	01 11 47.92	+04 55 41.6	2000 SJ ₂₃₆	19.3	704	2001 RN ₁₅₅	2001 09 21.24968	23 25 37.54	-03 42 22.2	2001 RR ₃₈	19.8	704
2000 WK ₁₉₆	* 2000 11 27.23682	03 30 13.13	+14 18 39.8	2000 UF ₃₃	19.5	704	2001 RN ₁₅₅	2001 09 21.26387	23 25 36.89	-03 42 26.3	2001 RR ₃₈	20.7	704
2000 WK ₁₉₆	2000 11 27.25125	03 30 12.33	+14 18 36.9	2000 UF ₃₃	19.6	704	2001 RN ₁₅₅	2001 09 21.27801	23 25 36.14	-03 42 30.8	2001 RR ₃₈	20.2	704
2000 WK ₁₉₆	2000 11 27.26566	03 30 11.61	+14 18 34.1	2000 UF ₃₃	19.1	704	2001 SE ₃₅₁	* 2001 09 20.46957	02 27 17.40	+11 30 57.8	2001 UA ₁₃₉	20.7 V	691
2000 WK ₁₉₆	2000 11 27.28009	03 30 10.88	+14 18 30.3	2000 UF ₃₃	19.3	704	2001 SE ₃₅₁	2001 09 20.47352	02 27 17.30	+11 30 57.9	2001 UA ₁₃₉	20.5 V	691
2000 WL ₁₉₆	* 2000 11 29.82605	03 59 10.73	+29 00 59.8	2000 WQ ₆₇	19.2	p 120	2001 SE ₃₅₁	2001 09 20.48005	02 27 17.12	+11 30 57.3	2001 UA ₁₃₉	20.8 V	691
2000 WL ₁₉₆	2000 11 29.84068	03 59 09.96	+29 01 02.9	2000 WQ ₆₇		120	2001 SF ₃₅₁	* 2001 09 19.26031	00 29 18.60	-03 16 33.4	2001 RA ₁₃₆	19.3	704
2000 WL ₁₉₆	2000 11 29.85455	03 59 09.59	+29 00 57.2	2000 WQ ₆₇		120	2001 SF ₃₅₁	2001 09 19.29102	00 29 16.90	-03 16 46.4	2001 RA ₁₃₆	19.6	704
2001 KP ₇₈	* 2001 05 23.35415	19 48 45.40	-25 44 02.4	2001 KO ₇₈		807	2001 SF ₃₅₁	2001 09 19.30781	00 29 15.94	-03 16 52.2	2001 RA ₁₃₆	19.6	704
2001 KQ ₇₈	* 2001 05 23.30033	22 23 16.79	-11 15 04.9	2001 PW ₂₅	22.1 R	807	2001 SG ₃₅₁	* 2001 09 25.19741	22 37 21.61	+03 16 38.0	2001 QZ ₁₅₃	20.2	704
2001 KQ ₇₈	2001 05 23.38134	22 23 20.92	-11 14 46.4	2001 PW ₂₅		807	2001 SG ₃₅₁	2001 09 25.20610	22 37 21.28	+03 16 34.1	2001 QZ ₁₅₃	19.6 R	683
2001 MB ₃₁	* 2001 06 27.37763	21 10 59.58	-17 02 23.6	2000 HG ₈₄	18.8 R	699	2001 SG ₃₅₁	2001 09 25.21952	22 37 20.84	+03 16 27.0	2001 QZ ₁₅₃	19.7 R	683
2001 MB ₃₁	2001 06 27.39246	21 10 59.33	-17 02 25.2	2000 HG ₈₄		699	2001 SG ₃₅₁	2001 09 25.22690	22 37 20.48	+03 16 23.6	2001 QZ ₁₅₃	20.0	704
2001 MB ₃₁	2001 06 27.40739	21 10 59.01	-17 02 29.5	2000 HG ₈₄		699	2001 SG ₃₅₁	2001 09 25.24239	22 37 19.91	+03 16 14.7	2001 QZ ₁₅₃	19.6	704
2001 MB ₃₁	2001 06 27.42226	21 10 58.72	-17 02 33.0	2000 HG ₈₄		699	2001 TY ₂₄₂	* 2001 10 15.33434	02 30 50.93	+28 23 49.9	2001 VC ₅₃	20.1	704
2001 OK ₁₁₂	* 2001 07 21.41269	00 21 14.13	+01 28 36.4	2001 SB ₉₉	19.4 R	699	2001 TY ₂₄₂	2001 10 15.35011	02 30 50.28	+28 23 45.7	2001 VC ₅₃	20.3	704
2001 OK ₁₁₂	2001 07 21.42366	00 21 14.06	+01 28 38.5	2001 SB ₉₉		699	2001 TY ₂₄₂	2001 10 15.36587	02 30 49.43	+28 23 39.5	2001 VC ₅₃	20.5	704
2001 OK ₁₁₂	2001 07 21.43465	00 21 13.95	+01 28 39.4	2001 SB ₉₉		699	2001 TY ₂₄₂	2001 10 15.38165	02 30 48.67	+28 23 35.6	2001 VC ₅₃	20.4	704
2001 OK ₁₁₂	2001 07 21.44564	00 21 14.09	+01 28 44.4	2001 SB ₉₉		699	2001 US ₂₂₃	* 2001 10 16.15868	23 29 07.51	-11 39 04.7	2001 RY ₁₂₅	20.6	644
2001 OL ₁₁₂	* 2001 07 27.52815	19 57 40.34	-17 58 55.3	2001 OC ₆₀	20.7	608	2001 US ₂₂₃	2001 10 16.17973	23 29 06.85	-11 39 07.8	2001 RY ₁₂₅	20.5	644
2001 OL ₁₁₂	2001 07 27.53831	19 57 39.70	-17 58 57.1	2001 OC ₆₀	20.1	608	2001 US ₂₂₃	2001 10 16.20073	23 29 06.28	-11 39 11.0	2001 RY ₁₂₅	20.4	644
2001 OL ₁₁₂	2001 07 27.54894	19 57 39.05	-17 58 58.2	2001 OC ₆₀	20.8	608	2001 VS ₁₂₆	* 2001 11 10.29823	03 05 00.15	+12 08 43.2	2001 WN ₃₆	19.9	704
2001 OM ₁₁₂	* 2001 07 31.34277	21 14 42.02	-18 42 54.9	2001 OX ₉₈		684	2001 VS ₁₂₆	2001 11 10.31336	03 04 59.33	+12 08 43.4	2001 WN ₃₆	19.7	704
2001 OM ₁₁₂	2001 07 31.34797	21 14 41.67	-18 42 57.1	2001 OX ₉₈		684	2001 VS ₁₂₆	2001 11 10.32778	03 04 58.50	+12 08 41.4	2001 WN ₃₆	20.0	704
2001 PP ₆₆	* 2001 08 14.37914	21 29 12.80	-18 26 53.7	2001 OA ₆₂	19.8	608	2001 VS ₁₂₆	2001 11 10.34200	03 04 57.73	+12 08 43.3	2001 WN ₃₆	20.3	704
2001 PP ₆₆	2001 08 14.38940	21 29 12.21	-18 26 55.9	2001 OA ₆₂	19.6	608	2001 VS ₁₂₆	2001 11 10.35624	03 04 56.87	+12 08 41.6	2001 WN ₃₆	19.8	704
2001 PP ₆₆	2001 08 14.40064	21 29 11.58	-18 26 59.3	2001 OA ₆₂	19.9	608	2001 VT ₁₂₆	* 2001 11 02.15943	23 18 36.36	-04 36 18.4	2001 SB ₉₄	16.1	644
2001 PQ ₆₆	* 2001 08 12.21993	20 38 35.18	-26 24 02.9	2001 OA ₁₆	19.6	644	2001 VT ₁₂₆	2001 11 02.18017	23 18 36.47	-04 36 21.2	2001 SB ₉₄	16.3	644
2001 PQ ₆₆	2001 08 12.23063	20 38 34.48	-26 24 03.1	2001 OA ₁₆	20.4	644	2001 VT ₁₂₆	2001 11 02.20154	23 18 36.58	-04 36 24.3	2001 SB ₉₄	16.3	644
2001 PQ ₆₆	2001 08 12.24135	20 38 33.86	-26 24 03.6	2001 OA ₁₆	19.5	644	2001 WB ₁₀₃	* 2001 11 17.32489	04 41 08.98	+16 29 09.6	2001 XN ₇₉	19.6	704
2001 QG ₃₃₂	* 2001 08 19.28324	21 41 59.73	-20 23 59.0	2001 PK ₅₇	19.7	704	2001 WB ₁₀₃	2001 11 17.33954	04 41 08.06	+16 29 10.5	2001 XN ₇₉	19.6	704
2001 QG ₃₃₂	2001 08 19.29592	21 41 58.86	-20 24 00.1	2001 PK ₅₇	19.7	704	2001 WB ₁₀₃	2001 11 17.35446	04 41 07.01	+16 29 10.7	2001 XN ₇₉	19.9	704
2001 QG ₃₃₂	2001 08 19.30875	21 41 58.07	-20 24 02.1	2001 PK ₅₇	19.6	704	2001 WC ₁₀₃	* 2001 11 19.28970	03 48 02.72	+21 50 40.1	2001 VZ ₁₀₇	20.3	704
2001 QH ₃₃₂	* 2001 08 25.26513	21 33 10.33	-03 39 20.4	2001 OK ₂₂	19.6	704	2001 WC ₁₀₃	2001 11 19.31904	03 48 00.91	+21 50 31.1	2001 VZ ₁₀₇	20.5	704
2001 QH ₃₃₂	2001 08 25.27812	21 33 09.64	-03 39 23.6	2001 OK ₂₂	19.5	704	2001 WC ₁₀₃	2001 11 19.34838	03 47 59.01	+21 50 22.9	2001 VZ ₁₀₇	19.9	704
2001 QH ₃₃₂	2001 08 25.29108	21 33 08.86	-03 39 26.3	2001 OK ₂₂	20.5	704	2001 WD ₁₀₃	* 2001 11 17.19471	20 34 15.68	-14 04 56.1	2001 OQ ₉	20.0	608
2001 QH ₃₃₂	2001 08 25.30409	21 33 08.22	-03 39 28.1	2001 OK ₂₂	19.8	704	2001 WD ₁₀₃	2001 11 17.20545	20 34 16.49	-14 04 56.4	2001 OQ ₉	19.9	608
2001 QJ ₃₃₂	* 2001 08 16.40784	23 16 57.33	+13 56 11.7	2001 RT ₁₄	20.7	644	2001 WD ₁₀₃	2001 11 17.21620	20 34 17.30	-14 04 55.8	2001 OQ ₉	20.1	608

2001 YT ₁₅₇	*	2001 12 22.29242	06 58 42.68	+31 22 36.9	2001 YP ₁₃₁	19.2	704	2003 EE ₆₁	2003 03 13.43668	13 30 48.06	+05 53 30.5	2003 EY ₅₅	19.7	V	291
2001 YT ₁₅₇		2001 12 22.30752	06 58 41.77	+31 22 41.0	2001 YP ₁₃₁	19.8	704	2003 EE ₆₁	2003 03 13.44386	13 30 47.89	+05 53 35.2	2003 EY ₅₅	19.7	V	291
2001 YT ₁₅₇		2001 12 22.32263	06 58 41.01	+31 22 44.9	2001 YP ₁₃₁	20.6	704	2003 HX ₅₅	* 2003 04 20.39901	13 04 50.75	+03 44 37.2	2003 GH ₄₈	19.9		608
2001 YT ₁₅₇		2001 12 22.35286	06 58 39.24	+31 22 53.6	2001 YP ₁₃₁	19.5	704	2003 HX ₅₅	2003 04 20.40983	13 04 50.13	+03 44 41.8	2003 GH ₄₈	19.4		608
2001 YT ₁₅₇		2002 01 08.20578	06 42 07.68	+32 25 33.6	2001 YP ₁₃₁	20.0	644	2003 HX ₅₅	2003 04 20.42021	13 04 49.54	+03 44 46.5	2003 GH ₄₈	19.3		608
2001 YT ₁₅₇		2002 01 08.26796	06 42 03.98	+32 25 44.9	2001 YP ₁₃₁	21.1	644	2003 OM ₃₂	* 2003 07 22.27045	12 25 16.57	-00 13 22.8	2003 HW ₄₄	21.0	R	568
2001 YT ₁₅₇		2002 01 08.34110	06 41 59.62	+32 25 57.2	2001 YP ₁₃₁	21.1	644	2003 OM ₃₂	2003 07 22.27472	12 25 16.85	-00 13 24.7	2003 HW ₄₄	20.9	R	568
2002 AA ₂₀₅	*	2002 01 09.26601	05 01 13.51	+18 14 17.5	2001 XQ ₂₀₈	20.4	704	2003 PL ₁₂	* 2003 08 04.29191	20 10 53.25	-22 01 57.5	2003 PL ₁	19.6		704
2002 AA ₂₀₅		2002 01 09.26679	05 01 13.55	+18 14 20.7	2001 XQ ₂₀₈	20.3	704	2003 PL ₁₂	2003 08 04.31289	20 10 52.18	-22 02 02.3	2003 PL ₁	19.0		704
2002 AA ₂₀₅		2002 01 09.28115	05 01 12.98	+18 14 20.2	2001 XQ ₂₀₈	20.1	704	2003 PL ₁₂	2003 08 04.32331	20 10 51.67	-22 02 05.9	2003 PL ₁	19.6		704
2002 AA ₂₀₅		2002 01 09.28192	05 01 12.98	+18 14 20.7	2001 XQ ₂₀₈	20.5	704	2003 PM ₁₂	* 2003 08 05.33734	22 16 03.95	-06 28 18.1	2003 PL ₇	19.3		704
2002 AA ₂₀₅		2002 01 09.29626	05 01 12.42	+18 14 21.3	2001 XQ ₂₀₈	20.2	704	2003 PM ₁₂	2003 08 05.34791	22 16 03.48	-06 28 19.2	2003 PL ₇	19.1		704
2002 AA ₂₀₅		2002 01 09.29703	05 01 12.40	+18 14 24.7	2001 XQ ₂₀₈	20.4	704	2003 PM ₁₂	2003 08 05.35840	22 16 03.03	-06 28 21.6	2003 PL ₇	19.5		704
2002 AA ₂₀₅		2002 01 09.31291	05 01 11.81	+18 14 23.8	2001 XQ ₂₀₈	20.5	704	2003 PM ₁₂	2003 08 05.36895	22 16 02.56	-06 28 24.0	2003 PL ₇	19.5		704
2002 AA ₂₀₅		2002 01 09.31369	05 01 11.82	+18 14 27.1	2001 XQ ₂₀₈	20.1	704	2003 YK ₁₅₆	* 2003 12 21.20339	02 54 05.44	+16 56 33.7	2003 VN ₃	17.7		704
2002 AB ₂₀₅	*	2002 01 15.24306	06 54 40.01	+17 03 27.0	2002 AS ₁₃₅	19.4	704	2003 YK ₁₅₆	2003 12 21.21661	02 54 04.99	+16 56 32.1	2003 VN ₃	19.8		704
2002 AB ₂₀₅		2002 01 15.25824	06 54 39.21	+17 03 26.6	2002 AS ₁₃₅	19.8	704	2003 YK ₁₅₆	2003 12 21.23005	02 54 04.69	+16 56 30.4	2003 VN ₃	19.5		704
2002 AB ₂₀₅		2002 01 15.27341	06 54 38.39	+17 03 26.3	2002 AS ₁₃₅	20.2	704	2003 YK ₁₅₆	2003 12 21.24325	02 54 04.38	+16 56 28.1	2003 VN ₃	19.5		704
2002 MW ₄	*	2002 06 18.17002	14 29 04.98	-21 23 48.6	2002 JW ₃₇	17.0	704	2003 YK ₁₅₆	2003 12 21.25660	02 54 04.04	+16 56 25.6	2003 VN ₃	18.9		704
2002 MW ₄		2002 06 18.19643	14 29 04.79	-21 23 41.4	2002 JW ₃₇	18.4	704	2004 BB ₁₅₉	* 2004 01 21.18148	04 25 36.74	+19 54 51.5	2003 YH ₂₃	19.0		704
2002 MW ₄		2002 06 18.20965	14 29 04.91	-21 23 36.0	2002 JW ₃₇	18.3	704	2004 BB ₁₅₉	2004 01 21.22020	04 25 36.56	+19 55 04.8	2003 YH ₂₃	20.4		704
2002 MW ₄		2002 06 18.22287	14 29 04.68	-21 23 32.0	2002 JW ₃₇	17.3	704	2004 BB ₁₅₉	2004 01 21.23306	04 25 36.49	+19 55 07.1	2003 YH ₂₃	19.4		704
2002 QE ₆₄	*	2002 08 30.21589	22 15 52.16	-15 16 47.0	2002 QC ₂₈	20.9	644	2004 CJ ₁₁₅	* 2004 02 15.39042	08 01 06.19	+22 18 42.9	2004 CY ₄₀	20.6		608
2002 QE ₆₄		2002 08 30.28440	22 15 48.79	-15 17 10.3	2002 QC ₂₈	20.9	644	2004 CJ ₁₁₅	2004 02 15.40088	08 01 05.71	+22 18 41.7	2004 CY ₄₀	20.0		608
2002 QE ₆₄		2002 08 30.34945	22 15 45.57	-15 17 32.4	2002 QC ₂₈	20.6	644	2004 CJ ₁₁₅	2004 02 15.41219	08 01 05.23	+22 18 42.2	2004 CY ₄₀	19.7		608
2002 VC ₁₃₈	*	2002 11 05.50559	08 11 05.93	+09 43 13.5	2002 VF ₄	21.6	V	2004 CL ₁₁₅	* 2004 02 15.23050	08 36 19.19	+23 00 10.4	2004 CT ₆₄	19.6		704
2002 VC ₁₃₈		2002 11 05.51563	08 11 06.27	+09 43 10.5	2002 VF ₄	21.8	V	2004 CL ₁₁₅	2004 02 15.25397	08 36 17.91	+23 00 15.3	2004 CT ₆₄	20.4		704
2002 VC ₁₃₈		2002 11 05.52418	08 11 06.57	+09 43 08.2	2002 VF ₄	21.2	V	2004 CL ₁₁₅	2004 02 15.26565	08 36 17.38	+23 00 18.6	2004 CT ₆₄	19.9		704
2002 XN ₁₁₄	*	2002 12 09.13867	03 54 07.71	+21 30 29.6	2002 XB ₃₄	21.0	V	2004 CM ₁₁₅	* 2004 02 15.23050	08 36 33.02	+22 58 10.0	2004 CS ₆₄	19.5		704
2002 XN ₁₁₄		2002 12 09.16361	03 54 06.42	+21 30 24.1	2002 XB ₃₄	20.6	V	2004 CM ₁₁₅	2004 02 15.24226	08 36 32.50	+22 58 12.2	2004 CS ₆₄	19.7		704
2002 XN ₁₁₄		2002 12 09.18886	03 54 05.12	+21 30 18.1	2002 XB ₃₄	20.2	V	2004 CM ₁₁₅	2004 02 15.25397	08 36 31.91	+22 58 13.8	2004 CS ₆₄	20.2		704
2002 XO ₁₁₄	*	2002 12 09.38620	06 59 36.22	+23 19 12.6	2002 XH ₃₇	19.5	R	2004 CM ₁₁₅	2004 02 15.26565	08 36 31.33	+22 58 14.5	2004 CS ₆₄	19.8		704
2002 XO ₁₁₄		2002 12 09.39202	06 59 35.88	+23 19 12.8	2002 XH ₃₇	19.5	R	2004 CS ₁₂₉	* 2004 02 15.43047	10 08 11.95	+10 19 26.5	2004 CP ₄₀	19.0		608
2002 XO ₁₁₄		2002 12 09.39756	06 59 35.61	+23 19 12.8	2002 XH ₃₇	19.3	R	2004 CS ₁₂₉	2004 02 15.44101	10 08 11.40	+10 19 28.6	2004 CP ₄₀	19.1		608
2003 DH ₂₃	*	2003 02 24.87113	08 47 37.40	+10 30 00.8	2003 BA ₅	19.9	R	2004 CS ₁₂₉	2004 02 15.45180	10 08 10.88	+10 19 31.1	2004 CP ₄₀	19.3		608
2003 DH ₂₃		2003 02 24.88398	08 47 36.83	+10 30 07.3	2003 BA ₅	20.2	R	2004 DO ₇₁	* 2004 02 16.33039	11 24 33.58	+21 19 09.0	2004 CC ₇₃	19.7		704
2003 DH ₂₃		2003 02 24.89685	08 47 36.30	+10 30 11.5	2003 BA ₅	19.7	R	2004 DO ₇₁	2004 02 16.34263	11 24 33.18	+21 19 14.7	2004 CC ₇₃	19.6		704
2003 DJ ₂₃	*	2003 02 22.32309	10 23 17.46	+10 15 37.5	2003 DR	19.8	644	2004 DO ₇₁	2004 02 16.35422	11 24 32.63	+21 19 18.9	2004 CC ₇₃	19.9		704
2003 DJ ₂₃		2003 02 22.34684	10 23 15.84	+10 15 43.8	2003 DR	20.0	644	2004 DO ₇₁	2004 02 16.36595	11 24 32.19	+21 19 25.8	2004 CC ₇₃	20.3		704
2003 DJ ₂₃		2003 02 22.37202	10 23 14.15	+10 15 51.0	2003 DR	19.9	644	2004 DO ₇₁	2004 02 16.37755	11 24 31.76	+21 19 30.4	2004 CC ₇₃	20.1		704
2003 EA ₆₁	*	2003 03 06.12097	08 26 14.45	+17 10 21.8	2003 BZ ₆₇	20.8	644	2004 DP ₇₁	* 2004 02 16.21807	07 58 00.52	+17 00 38.3	2004 CE ₇₃	19.3		704
2003 EA ₆₁		2003 03 06.13131	08 26 14.14	+17 10 24.3	2003 BZ ₆₇	20.1	644	2004 DP ₇₁	2004 02 16.23010	07 58 00.16	+17 00 37.4	2004 CE ₇₃	19.7		704
2003 EA ₆₁		2003 03 06.14180	08 26 13.82	+17 10 27.2	2003 BZ ₆₇	20.7	644	2004 DP ₇₁	2004 02 16.24188	07 57 59.63	+17 00 39.1	2004 CE ₇₃	19.9		704
2003 EB ₆₁	*	2003 03 11.44017	13 11 31.85	+02 05 17.0	2003 EE ₄₃	21.4	V	2004 DP ₇₁	2004 02 16.25379	07 57 58.95	+17 00 34.2	2004 CE ₇₃	19.6		704
2003 EB ₆₁		2003 03 11.44728	13 11 31.59	+02 05 20.5	2003 EE ₄₃	21.1	V	2004 DP ₇₁	2004 02 16.26576	07 57 58.63	+17 00 42.7	2004 CE ₇₃	19.1		704
2003 EB ₆₁		2003 03 11.45500	13 11 31.28	+02 05 24.5	2003 EE ₄₃	21.4	V	2004 DQ ₇₁	* 2004 02 16.43877	10 52 32.92	+10 22 50.6	2004 CH ₄₈	21.0	V	691
2003 EC ₆₁	*	2003 03 11.44025	13 11 38.28	+02 04 35.4	2003 EF ₄₃	21.1	V	2004 DQ ₇₁	2004 02 16.49794	10 52 29.86	+10 23 07.2	2004 CH ₄₈	21.9	V	691
2003 EC ₆₁		2003 03 11.44735	13 11 38.07	+02 04 38.8	2003 EF ₄₃	20.9	V	2004 DQ ₇₁	2004 02 16.52613	10 52 28.42	+10 23 14.9	2004 CH ₄₈	21.2	V	691
2003 EC ₆₁		2003 03 11.45508	13 11 37.85	+02 04 42.2	2003 EF ₄₃	21.0	V	2004 DR ₇₁	* 2004 02 19.30207	09 27 24.75	-05 29 03.1	2004 CD ₁₀₄	20.2		704
2003 ED ₆₁	*	2003 03 13.42949	13 30 36.42	+05 55 39.9	2003 EW ₅₅	20.0	V	2004 DR ₇₁	2004 02 19.31390	09 27 24.09	-05 28 56.6	2004 CD ₁₀₄	19.6		704
2003 ED ₆₁		2003 03 13.43655	13 30 36.27	+05 55 44.1	2003 EW ₅₅	19.9	V	2004 DR ₇₁	2004 02 19.32580	09 27 23.45	-05 28 52.1	2004 CD ₁₀₄	20.0		704
2003 ED ₆₁		2003 03 13.44373	13 30 36.13	+05 55 48.4	2003 EW ₅₅	20.0	V	2004 DH ₇₇	* 2004 02 25.31650	10 55 31.36	+04 07 26.0	2004 DR ₄₀	19.9		704
2003 EE ₆₁	*	2003 03 13.42963	13 30 48.22	+05 53 26.0	2003 EY ₅₅	19.7	V	2004 DH ₇₇	2004 02 25.32867	10 55 30.58	+04 07 27.9	2004 DR ₄₀	19.9		704

2004 DH ₇₇	2004 02 25.34070	10 55 29.94	+04 07 30.1	2004 DR ₄₀	20.0	704
2004 DH ₇₇	2004 02 25.35277	10 55 29.26	+04 07 30.5	2004 DR ₄₀	19.8	704
2004 DL ₇₇	* 2004 02 17.18544	08 45 37.11	+16 02 20.6	2004 CG ₇₃	19.3	644
2004 DL ₇₇	2004 02 17.18667	08 45 37.06	+16 02 20.6	2004 CG ₇₃	19.3	644
2004 DL ₇₇	2004 02 17.20547	08 45 35.97	+16 02 26.6	2004 CG ₇₃	19.5	644
2004 DL ₇₇	2004 02 17.20668	08 45 35.89	+16 02 26.9	2004 CG ₇₃	19.2	644
2004 DL ₇₇	2004 02 17.22774	08 45 34.66	+16 02 33.3	2004 CG ₇₃	19.1	644
2004 DL ₇₇	2004 02 17.22898	08 45 34.62	+16 02 33.6	2004 CG ₇₃	19.2	644
2004 FO ₁₄₇	* 2004 03 19.38982	13 49 01.33	-07 35 56.4	2004 EJ ₇₉	19.5	704
2004 FO ₁₄₇	2004 03 19.40060	13 49 00.93	-07 35 57.3	2004 EJ ₇₉	20.0	704
2004 FO ₁₄₇	2004 03 19.41161	13 49 00.50	-07 35 55.5	2004 EJ ₇₉	20.0	704
2004 FO ₁₄₇	2004 03 19.42283	13 49 00.09	-07 35 54.8	2004 EJ ₇₉	19.5	704
2004 FO ₁₄₇	2004 03 19.43362	13 48 59.65	-07 35 53.9	2004 EJ ₇₉	19.5	704
2004 FP ₁₄₇	* 2004 03 17.97671	11 50 38.85	+01 14 04.1	2004 EY ₂₃	19.2 R	184
2004 FP ₁₄₇	2004 03 17.98643	11 50 38.36	+01 14 05.2	2004 EY ₂₃	19.6 R	184
2004 FP ₁₄₇	2004 03 17.99574	11 50 37.97	+01 14 09.3	2004 EY ₂₃	19.7 R	184
2004 FQ ₁₄₇	* 2004 03 23.38280	13 35 11.22	-05 19 48.0	2004 FU ₇₉	20.2 V	691
2004 FQ ₁₄₇	2004 03 23.41091	13 35 09.95	-05 19 43.1	2004 FU ₇₉	20.8 V	691
2004 FQ ₁₄₇	2004 03 23.43938	13 35 08.69	-05 19 38.4	2004 FU ₇₉	20.1 V	691
2004 FT ₁₄₈	* 2004 03 17.31609	11 37 39.56	+12 30 01.1	2004 BY ₉₉	22.4 V	691
2004 FT ₁₄₈	2004 03 17.34614	11 37 37.68	+12 30 15.6	2004 BY ₉₉	22.4 V	691
2004 FT ₁₄₈	2004 03 17.37589	11 37 35.85	+12 30 29.4	2004 BY ₉₉	22.4 V	691
2004 GE ₇₇	* 2004 04 12.31951	13 38 35.26	-06 24 40.3	2004 FQ ₆₄	21.2 V	691
2004 GE ₇₇	2004 04 12.34800	13 38 33.54	-06 24 34.0	2004 FQ ₆₄	21.8 V	691
2004 GE ₇₇	2004 04 12.37662	13 38 31.78	-06 24 28.4	2004 FQ ₆₄	21.4 V	691
2004 HD ₆₃	* 2004 04 20.36199	15 03 40.74	-20 14 48.6	2004 HW ₉	19.9	704
2004 HD ₆₃	2004 04 20.37289	15 03 40.23	-20 14 48.2	2004 HW ₉	19.9	704
2004 HD ₆₃	2004 04 20.38356	15 03 39.67	-20 14 47.4	2004 HW ₉	19.7	704
2004 HD ₆₃	2004 04 20.39420	15 03 39.19	-20 14 46.3	2004 HW ₉	20.0	704
2004 HD ₆₃	2004 04 20.40545	15 03 38.61	-20 14 45.8	2004 HW ₉	19.8	704
2004 HE ₆₃	* 2004 04 20.37289	15 04 06.25	-20 14 51.8	2004 GN ₇₁	20.3	704
2004 HE ₆₃	2004 04 20.38356	15 04 05.82	-20 14 50.3	2004 GN ₇₁	20.1	704
2004 HE ₆₃	2004 04 20.39420	15 04 05.32	-20 14 49.8	2004 GN ₇₁	20.1	704
2004 HE ₆₃	2004 04 20.40545	15 04 04.78	-20 14 48.9	2004 GN ₇₁	19.6	704
2004 HF ₆₃	* 2004 04 21.37074	15 36 32.61	-22 25 56.7	2004 HE ₁₆	19.5 V	691
2004 HF ₆₃	2004 04 21.39774	15 36 31.58	-22 25 49.0	2004 HE ₁₆	19.8 V	691
2004 HF ₆₃	2004 04 21.42527	15 36 30.53	-22 25 41.4	2004 HE ₁₆	19.7 V	691
2004 HG ₆₃	* 2004 04 19.22329	13 26 41.32	-09 30 15.8	2004 GR ₄₈	20.0 V	691
2004 HG ₆₃	2004 04 19.25037	13 26 40.02	-09 30 05.6	2004 GR ₄₈	20.0 V	691
2004 HG ₆₃	2004 04 19.27733	13 26 38.70	-09 29 55.4	2004 GR ₄₈	19.9 V	691
2004 JC ₄₅	* 2004 05 13.25721	14 19 49.26	-10 47 23.0	2004 JP ₃	20.4 V	291
2004 JC ₄₅	2004 05 13.26476	14 19 48.87	-10 47 22.2	2004 JP ₃	20.7 V	291
2004 JC ₄₅	2004 05 13.27207	14 19 48.50	-10 47 21.4	2004 JP ₃	20.6 V	291
2004 KY ₁₇	* 2004 05 30.29401	17 12 52.93	-03 43 34.5	2004 KJ ₁₇	18.5	704
2004 KY ₁₇	2004 05 30.30295	17 12 52.42	-03 43 32.1	2004 KJ ₁₇	19.3	704
2004 KY ₁₇	2004 05 30.31191	17 12 51.99	-03 43 31.3	2004 KJ ₁₇	19.3	704
2004 OJ ₁₃	* 2004 07 18.28765	21 28 26.55	-09 18 03.6	2004 NG ₂₈	19.9	704
2004 OJ ₁₃	2004 07 18.29811	21 28 26.12	-09 18 02.8	2004 NG ₂₈	20.2	704
2004 OJ ₁₃	2004 07 18.30849	21 28 25.72	-09 18 04.5	2004 NG ₂₈	20.2	704
2004 OJ ₁₃	2004 07 18.31938	21 28 25.28	-09 18 04.1	2004 NG ₂₈	20.1	704
2004 PO ₁₀₇	* 2004 08 11.33155	23 25 43.34	+01 16 22.3	2004 PE ₆₁	19.9	704
2004 PO ₁₀₇	2004 08 11.34147	23 25 43.21	+01 16 18.3	2004 PE ₆₁	20.5	704
2004 PO ₁₀₇	2004 08 11.35138	23 25 42.91	+01 16 16.7	2004 PE ₆₁	20.4	704

2004 PO₁₀₇ 2004 08 11.37117 23 25 42.40 +01 16 12.3 2004 PE₆₁ 20.4 704

IDENTIFICATIONS

The following identifications with numbered minor planets continue the list on *MPC* 51469:

	Note		Note		
1954 RK	= (16276)	1	1968 UU	= (83986)	1
1968 UE ₂	= (27500)	1	1971 SK ₄	= (22556)	1
1972 VA ₂	= (76568)	1	1972 XU ₂	= (23129)	1
1975 TJ ₅	= (76197)	1	1976 GH ₇	= (77878)	1
1976 UV ₁₉	= (84106)	1	1977 DW ₁	= (15929)	1
1977 DM ₅	= (83310)	1	1977 DW ₅	= (84839)	1
1977 DP ₁₁	= (25196)	1	1978 NV ₅	= (77345)	1
1978 VK ₂	= (28026)	1	1978 VL ₂	= (77392)	1
1980 TJ	= (84044)	1	1980 TJ ₄	= (28668)	1
1980 TO ₇	= (84478)	1	1980 TV ₇	= (84116)	1
1981 UE ₃₀	= (19190)	1	1982 DA ₇	= (31251)	1
1982 KM ₄	= (30318)	1	1982 VO ₆	= (76862)	1
1982 VP ₁₁	= (77731)	1	1982 XZ ₄	= (22935)	1
1983 AV ₄	= (76253)	1	1984 QZ ₁	= (27987)	1
1984 SR ₈	= (28620)	1	1984 WB ₃	= (76476)	1
1984 WT ₃	= (77814)	1	1986 PX ₃	= (23293)	1
1986 TB ₄	= (77392)	1	1986 TJ ₁₉	= (29448)	1
1986 XU ₃	= (13182)	1	1986 YQ	= (40406)	1
1987 DY ₂	= (84498)	1	1987 SU ₂₇	= (84825)	1
1987 SG ₃₁	= (27455)	1	1987 WX ₅	= (27851)	1
1988 EC ₃	= (21421)	1	1988 RG ₈	= (16236)	1
1988 VL ₁₄	= (25241)	1	1989 GA ₉	= (27081)	1
1989 SV ₈	= (36784)	2	1989 SB ₁₅	= (11795)	1
1990 EL ₄	= (75578)	1	1990 EB ₁₁	= (15329)	1
1990 SL ₃₀	= (76908)	1	1990 SM ₃₀	= (18186)	1
1990 TF ₁₆	= (76096)	1	1990 UV ₁₄	= (32090)	1
1990 WX ₂	= (16956)	1	1990 WK ₁₆	= (27573)	1
1991 CV ₆	= (21318)	1	1991 DW ₂	= (28401)	1
1991 FC ₇	= (40362)	1	1991 FD ₇	= (13021)	1
1991 FE ₇	= (22515)	1	1991 GA ₁₅	= (19448)	1
1991 KJ ₃	= (76920)	1	1991 KK ₃	= (23952)	1
1991 PQ ₃₂	= (13253)	1	1991 SR ₅	= (77545)	1
1991 SS ₅	= (28341)	1	1991 VL ₁₇	= (14718)	1
1991 VM ₁₇	= (21802)	1	1991 VN ₁₇	= (22362)	1
1991 VO ₁₇	= (8740)	1	1992 DL ₃	= (83371)	1
1992 EL ₃₇	= (32905)	1	1992 EM ₃₇	= (21196)	1
1992 NT	= (25610)	1	1992 PA ₇	= (28924)	1
1992 SX ₁₉	= (83396)	1	1992 SN ₂₇	= (26031)	1
1992 UC ₁₁	= (25583)	2	1992 WD ₂	= (75539)	1
1992 WK ₁₀	= (19984)	1	1993 BX ₁₅	= (77850)	1
1993 FM ₁₇	= (77074)	1	1993 FY ₄₄	= (83302)	1
1993 FY ₆₁	= (77898)	1	1993 FB ₆₂	= (83335)	1
1993 FV ₈₄	= (77117)	1	1993 FX ₈₄	= (24153)	1
1993 GT ₁	= (73186)	1	1993 HA ₁₀	= (75792)	1
1993 ON ₁₄	= (20222)	1	1993 SR ₁₆	= (24214)	1

1993 TW ₄₈	= (19542)	1	1994 AK ₁₇	= (32419)	1
1994 GZ ₁₁	= (14994)	1	1994 RT ₂₉	= (17373)	1
1994 RU ₂₉	= (30032)	1	1994 VT ₈	= (77538)	1
1994 VU ₈	= (30042)	1	1995 KN ₂	= (76359)	1
1995 YJ ₂₆	= (60101)	1	1995 YK ₂₆	= (25175)	1
1996 FG ₁₅	= (84056)	1	1996 NS ₄	= (83988)	1
1996 RS ₁₆	= (76762)	1	1996 TH ₆₉	= (83423)	1
1996 UX ₅	= (26658)	1	1996 VS ₄₁	= (19450)	1
1997 CO ₃₀	= (24546)	1	1997 GY ₂₅	= (84983)	1
1997 LW ₅	= (77484)	1	1997 RM ₁₃	= (63350)	1
1997 VJ ₉	= (15536)	1	1998 AV ₁₁	= (83636)	1
1998 MO ₄₉	= (22218)	1	1998 QT ₁₁₁	= (25721)	1
1998 ST ₇₀	= (77431)	1	1998 SY ₁₇₁	= (14277)	1
1998 TK ₃₈	= (84243)	1	1998 WU ₄₅	= (24326)	1
1999 GV ₄₁	= (84650)	1	1999 HE ₁₃	= (17039)	1
1999 KE ₂₁	= (83287)	1	1999 NV ₁₄	= (84937)	1
1999 OT ₅	= (22113)	1	1999 QM ₃	= (20194)	1
1999 US ₆₃	= (21417)	1	1999 UT ₆₃	= (23358)	1
1999 XF ₂₆₃	= (77282)	1	2000 AG ₂₅₇	= (14676)	1
2000 BG ₄₅	= (84075)	1	2000 EK ₄₁	= (76498)	1
2000 ET ₂₀₆	= (84928)	1	2000 GU ₁₈₆	= (84830)	1
2000 GV ₁₈₆	= (84427)	1	2000 HG ₈₄	= (84251)	1
2000 HP ₁₀₅	= (15582)	1	2000 KQ ₇₆	= (83309)	1
2000 LM ₅	= (83961)	1	2000 OX ₆₉	= (14982)	1
2000 RO ₁₀₆	= (18052)	1	2001 KF ₇₈	= (6900)	1
2001 KP ₇₈	= (76054)	1	2001 OM ₁₁₂	= (30566)	1
2001 QY ₂₀₀	= (83957)	1	2001 WY ₁₀₂	= (10337)	1
2001 WD ₁₀₃	= (27767)	1	2001 YS ₈₂	= (11263)	1
2002 MW ₄	= (3453)	1	2002 RL ₁₇₀	= (918)	1
2002 XK ₁₁₄	= (14442)	1	2003 BK ₃₆	= (83955)	1
2003 DR	= (28657)	1	2003 HX ₅₅	= (31472)	1
2003 PL ₁	= (21705)	1	2003 PL ₇	= (20581)	1
2003 RV ₂₂	= (1271)	1	2003 WM ₃₃	= (3307)	1
2003 YK ₁₅₆	= (2953)	1	2004 BB ₁₅₉	= (20325)	1
2004 CY ₄₀	= (75845)	1	2004 CH ₄₈	= (84176)	1
2004 CC ₇₃	= (83807)	1	2004 CG ₇₃	= (77574)	1
2004 CD ₁₀₄	= (76680)	1	2004 CS ₁₂₉	= (77703)	1
2004 DP ₇₁	= (85097)	1	2004 EY ₂₃	= (83394)	1

Note 1: by G. V. Williams. 2: by T. B. Spahr.

OBSERVATIONS OF COMETS

Observations are published here for the following observatory codes:

- 046 Kleť. Observers Ž. Sovová, M. Tichý, J. Tichá, P. Jelmeš. Measurer M. Tichý. 0.57-m $f/5.2$ reflector + CCD.
- 048 Hradec Králové. Observers M. Lehký, P. Horalek. 0.40-m $f/5$ reflector + CCD, 0.42-m $f/2.7$ reflector + CCD.
- 049 Uppsala-Kvistaberg. Observers O. Karlsson, C.-I. Lagerkvist, T. Oja. Measurers G. Hahn, O. Karlsson, C.-I. Lagerkvist, S. Mottola, J. Warell. 1.0-m Schmidt + CCD.

- 057 Belgrade. Observers V. Benishek, V. Protitch-Benishek, B. Benishek. Measurers V. Benishek, B. Benishek. 0.11-m $f/12$ Zeiss visual astrograph + CCD.
- 104 San Marcello Pistoiese. Observers L. Tesi, A. Boattini, M. Tombelli, G. Fagioli. Measurers G. Forti, L. Tesi, A. Boattini, M. Tombelli. 0.60-m $f/4$ reflector + CCD.
- 106 Crni Vrh. Observer H. Mikuž. 0.60-m $f/3.3$ Deltagraph + CCD.
- 108 Montelupo. Observers M. Tombelli, A. Boattini, L. Tesi, E. Masotti, G. Iacopini. Measurers M. Tombelli, A. Boattini, L. Tesi, S. Bartolini, G. Forti, E. Masotti. 0.30-m $f/5.7$ Schmidt-Cassegrain + CCD.
- 127 Bornheim. Observer N. Ehling. 0.30-m $f/3.2$ astrograph + CCD.
- 130 Lumezzane. Observers J. Abdalla, C. Cremaschini, S. Foglia, W. Marinello, M. Micheli, G. Pizzetti. Measurers J. Abdalla, W. Marinello, M. Micheli, C. Cremaschini, G. Pizzetti. 0.40-m $f/4.5$ reflector + CCD.
- 138 Village-Neuf. Observer C. Demeautis. 0.25-m $f/5.1$ reflector + CCD.
- 151 Eschenberg Observatory, Winterthur. Observer M. Griesser. 0.40-m $f/5.8$ Hypergraph + CCD.
- 160 Castelmartini. Observer E. Prospero. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD.
- 170 Observatorio de Begues. Observer J. Manteca. 0.36-m $f/6.3$ Schmidt-Cassegrain + CCD.
- 174 Nyrölä Observatory, Jyväskylä. Observer A. Oksanen. 0.40-m $f/5$ Schmidt-Cassegrain + CCD.
- 204 Schiaparelli Observatory. Observer L. Buzzi. 0.60-m $f/3.34$ Newtonian reflector + CCD.
- 213 Observatorio Montcabre. Observer R. Naves. Measurer M. Campas. 0.30-m $f/6.6$ Schmidt-Cassegrain + CCD.
- 215 Buchloe. Observer W. Hasubick. 0.44-m $f/4.6$ reflector + CCD.
- 233 San Vito. Observer S. Donati. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD.
- 235 CAST Observatory, Talmassons. Observers R. Ligustri, R. Turchetti, F. Romanello. Measurer R. Ligustri. 0.35-m $f/5$ reflector + CCD.
- 246 Kleť Observatory-KLENOT. Observers J. Tichá, M. Tichý, M. Kočer. Measurer M. Tichý. 1.06-m KLENOT Telescope + CCD.
- 249 SOHO. SOHO-LASCO coronagraphs C3 and C2. Measurements by K. Battams, reductions by R. Kisala and B. G. Marsden.
- 322 Perth Observatory, Bickley-MCT. Observer J. Biggs. 0.25-m $f/4.5$ Newtonian + CCD.
- 349 Ageo. Observer K. Kadota. 0.25-m $f/5.0$ reflector + CCD.
- 360 Kuma Kogen. Observer A. Nakamura. 0.60-m $f/5.8$ Ritchey-Chrétien + CCD.
- 372 Geisei. Observer T. Seki. 0.60-m $f/3.5$ reflector.
- 379 Hamamatsu-Yuto. Observer S. Wakuda. 0.25-m $f/5.0$ Schmidt-Cassegrain + CCD.
- 413 Siding Spring. Observers R. H. McNaught, G. J. Garradd. Measurer R. H. McNaught. 1.0-m $f/8$ reflector + CCD.
- 415 Kambah, near Canberra. Observer D. Herald. 0.36-m $f/3.9$ Schmidt-Cassegrain + CCD.
- 442 Gualba Observatory. Observer A. Sanchez. 0.36-m $f/4$ Schmidt-Cassegrain + CCD.
- 445 Observatori d'Ontinyent. Observer M. Camarasa. 0.20-m $f/7.2$ Schmidt-Cassegrain + CCD.
- 458 Guadarrama Observatory. Observer D. Rodriguez. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.

- 461 Szeged University, Piskésetető Stn. (Konkoly). Observers K. Sárneczky, B. Sipocz, T. Szalai. Measurer K. Sárneczky. 0.60-m Schmidt + CCD.
- 467 Auckland Observatory. Observers G. W. Christie, T. Natusch. Measurer G. W. Christie. 0.35-m $f/11$ Schmidt-Cassegrain + CCD.
- 474 Mount John Observatory, Lake Tekapo. Observer A. C. Gilmore. Measurer P. M. Kilmartin. 1.0-m $f/7.7$ reflector + CCD.
- 557 Ondřejov. Observer P. Kušnirák. 0.65-m $f/3.6$ reflector + CCD.
- 561 Piskésetető. Observer J. Kelemen. 0.60-m $f/3$ Schmidt + CCD.
- 566 Haleakala-NEAT/GEODSS. Observers E. F. Helin, S. Pravdo, K. J. Lawrence, D. L. Rabinowitz for the NEAT team. 1.0-m $f/2.2$ GEODSS telescope + CCD.
- 568 Mauna Kea. Observers J. Pittichova, J. Bedient. Measurer J. Bedient. 2.2-m reflector + CCD.
- 619 Sabadell. Observers R. Josa, C. Bastus, R. Casas, D. Corcuera, A. Garcia. Measurers R. Josa, R. Casas. 0.50-m $f/4$ reflector + CCD.
- 620 Observatorio Astronómico de Mallorca. Observers A. Petrov, S. Cikota, N. Udovicic, R. Stoss. 0.30-m $f/9$ Schmidt-Cassegrain + CCD.
- 644 Palomar Mountain/NEAT. Observers R. Bamberg, M. Hicks, K. Lawrence, E. Helin, R. Thicksten. 1.2-m Schmidt + CCD.
- 673 Table Mountain Observatory, Wrightwood. Observers J. Young, M. Vale. 0.6-m reflector + CCD.
- 683 Goodricke-Pigott Observatory, Tucson. Observer R. Tucker. 0.35-m $f/11$ Schmidt-Cassegrain + CCD, 0.35-m $f/5$ reflector + CCD.
- 699 Lowell Observatory-LONEOS. Observers M. E. Van Ness, B. A. Skiff. 0.59-m LONEOS Schmidt + CCD.
- 703 Catalina Sky Survey. Observer E. J. Christensen. Measurers E. C. Beshore, E. J. Christensen, G. J. Garradd, R. E. Hill, S. M. Larson, R. H. McNaught. 0.68-m Schmidt + CCD.
- 704 Lincoln Laboratory ETS, New Mexico. Observers M. Blythe, F. Shelly, M. Bezpalko, R. Huber, L. Manguso, D. Torres, R. Kracke, M. McCleary, H. Stange, A. Milner. Measurers J. Stuart, R. Sayer, J. Evans, J. Kommers. 1.0-m $f/2.15$ reflector + CCD.
- 762 Four Winds Observatory, Lake Leelanau. Observer R. Elliott. 0.3-m $f/10$ Schmidt-Cassegrain + CCD.
- 785 Fitz-Randolph Observatory, Princeton. Observer J. Maffei. 0.91-m $f/13.6$ Cassegrain + CCD.
- 809 European Southern Observatory, La Silla. Observers R. Behrend, C. Vuissoz. Measurer R. Behrend. 1.20-m Euler reflector + CCD.
- 850 Cordell-Lorenz Observatory, Sewanee. Observer D. T. Durig. 0.30-m $f/5.5$ Schmidt-Cassegrain + CCD.
- 854 Sabino Canyon Observatory, Tucson. Observer J. E. McGaha. 0.36-m $f/10.0$ Schmidt-Cassegrain + CCD.
- 859 Wykrota Observatory-CEAMIG. Observer C. Jacques. 0.30-m $f/3.0$ Schmidt-Cassegrain + CCD.
- 928 Moonedge Observatory, Northport. Observer F. Schiralli. 0.36-m $f/6.1$ Schmidt-Cassegrain + CCD.
- 938 Linhaceira. Observer R. Goncalves. 0.25-m $f/6.7$ Schmidt-Cassegrain + CCD.
- 939 Observatorio Rodeno. Observer J. Castellano. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
- 941 Observatorio Pla D'Arguines. Observer R. Ferrando. 0.36-m $f/6.3$ Schmidt-Cassegrain + CCD.
- 945 Observatorio Monte Deva. Observer J. R. Vidal. 0.36-m $f/4.48$ Schmidt-Cassegrain + CCD.
- 952 Marzuquera. Observer J. J. Gomez. 0.25-m $f/7.3$ Schmidt-Cassegrain + CCD.
- A01 Masia Cal Maciarol Modul 1. Observer F. Baldris. 0.20-m $f/5.0$ Newtonian reflector + CCD.
- A02 Masia Cal Maciarol Modul 8. Observers J. L. Salto, A. Salto. Measurer J. L. Salto. 0.25-m $f/7.2$ Schmidt-Cassegrain + CCD.
- A06 Mataro. Observers F. Garcia, E. Cortes. Measurer E. Cortes. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD.
- A10 Observatori Astronomic de Corbera. Observers J. Barceló, M. Casao, F. Morillas, C. Rodriguez. Measurer J. Barceló. 0.30-m $f/4.76$ Newtonian reflector + CCD.
- A18 Herne. Observer B. Brinkmann. 0.2-m $f/5.8$ Schmidt-Cassegrain + CCD.
- A19 Köln. Observer G. Weselowski. 0.25-m $f/6$ reflector + CCD.
- A30 Crespadoro. Observers S. Valentini, G. Peretto. Measurer S. Valentini. 0.23-m $f/5.2$ Schmidt-Cassegrain + CCD.
- A32 Panker. Observer H. Denzau. 0.36-m $f/5.5$ Schmidt-Cassegrain + CCD.
- A33 Volkssternwarte Kirchheim. Observer B. Brinkmann. 0.5-m $f/5.0$ reflector + CCD.
- A41 Rezman Observatory, Kamnik. Observers R. Palcic, A. Spenko. 0.41-m $f/3.1$ reflector + CCD.
- A46 Lelekovice. Observer K. Hornoch. 0.35-m $f/4.7$ reflector + CCD.
- A50 Andrushivka Astronomical Observatory. Observer V. Lokot. 0.6-m reflector + CCD.
- A54 Ostrorog. Observer M. Reszelski. 0.13-m reflector + CCD.
- D74 Nakagawa. Observers H. Hori, H. Maeno. 1.13-m $f/6.75$ reflector + CCD.
- D83 Miwa. Observer Y. Ohshima. 0.25-m $f/5$ reflector + CCD.
- D86 Penwortham. Observer J. Tilbrook. 0.20-m $f/3$ reflector + CCD.
- D89 Yamagata. Observer K. Itagaki. 0.60-m $f/5.7$ reflector + CCD.
- E12 Siding Spring Survey. Observers R. H. McNaught, S. Larson, E. Beshore, E. Christensen, R. Hill, D. McLean, G. J. Garradd. Measurers R. H. McNaught, G. J. Garradd. 0.5-m Uppsala Schmidt + CCD.
- G72 University Hills. Observer J. Foster. 0.33-m reflector + CCD.
- G92 Jarnac Observatory, Vail. Observers D. Levy, W. Levy, T. Glinos. 0.64-m $f/7.2$ Ritchey-Chrétien + CCD.
- H06 New Mexico Skies Observatory. Observers J. Sue, R. Hutsebaut. 0.30-m reflector + CCD.
- H41 Petit Jean Mountain. Observer P. C. Sherrod. 0.41-m $f/3.3$ Schmidt-Cassegrain + CCD.
- H72 Evelyn L. Egan Observatory, Fort Myers. Observers M. Fauerbach, T. Bennett, M. Mon. 0.40-m $f/5.3$ reflector + CCD.
- I03 European Southern Obs., La Silla-ASTROVIRTEL. Measurers S. Magrin, S. Marchi, A. Migliorini. 2.2-m reflector + CCD.
- I05 Las Campanas Observatory-TIE. Observers G. Masi, F. Mallia. Measurer G. Masi. 0.36-m SoTIE reflector + CCD.
- J74 Bilbao. Observer M. Berrocal. 0.20 m reflector + CCD.
- J76 La Murta. Observers S. Pastor, J. A. Reyes. 0.40-m $f/3.3$ Schmidt-Cassegrain + CCD.
- J77 Golden Hill Observatory, Stourton Caundle. Observer R. Miles. 0.06-m $f/5.9$ refractor + CCD.
- J78 Murcia. Observer J. Sanchez. 0.25-m $f/3.3$ Schmidt-Cassegrain + CCD.

- J81 Guirguillano. Observers P. Martorell, J. Salamero. 0.31-m $f/4.85$ reflector + CCD.
 J87 La Cañada. Observer J. Lacruz. 0.30-m Schmidt-Cassegrain + CCD.
 J93 Mount Tuffley Observatory, Gloucester. Observer J. Fletcher. 0.25-m $f/5.5$ Schmidt-Cassegrain + CCD.
 J95 Great Shefford. Observer P. Birtwhistle. 0.30-m $f/6.3$ Schmidt-Cassegrain + CCD.
 J97 Alginet. Observer T. Climent G. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD.
 J98 Observatorio Manises. Observers S. Lahuerta, L. Lahuerta. 0.25-m $f/4.3$ Schmidt-Cassegrain + CCD.

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	N Obs.
C/1996 L2 (SOHO)						
C/1996 L2	1996 06	13.43249	05 25 31.2	+20 06 30		249
Geocentric position (AU)		+0.00162988	+0.01065751	+0.00361290		
C/1996 L2	1996 06	13.46851	05 25 32.1	+20 11 58		249
Geocentric position (AU)		+0.00162831	+0.01065786	+0.00361306		
C/1996 L2	1996 06	13.49425	05 25 35.6	+20 14 17		249
Geocentric position (AU)		+0.00162719	+0.01065810	+0.00361318		
C/1996 L2	1996 06	13.58729	05 25 48.4	+20 27 25		249
Geocentric position (AU)		+0.00162313	+0.01065898	+0.00361360		
C/1996 L2	1996 06	13.68118	05 25 59.2	+20 41 22		249
Geocentric position (AU)		+0.00161902	+0.01065984	+0.00361403		
C/1996 L2	1996 06	13.74797	05 26 10.2	+20 51 30		249
Geocentric position (AU)		+0.00161610	+0.01066045	+0.00361433		
C/1996 L2	1996 06	13.83512	05 26 23.3	+21 05 40		249
Geocentric position (AU)		+0.00161227	+0.01066122	+0.00361473		
C/1996 M3 (SOHO)						
C/1996 M3	1996 06	20.61222	05 50 50.0	+21 10 40		249
Geocentric position (AU)		+0.00129851	+0.01067296	+0.00364874		
C/1996 M3	1996 06	20.70621	05 51 35.4	+21 31 16		249
Geocentric position (AU)		+0.00129405	+0.01067248	+0.00364927		
C/1996 M3	1996 06	20.74481	05 51 56.9	+21 39 12		249
Geocentric position (AU)		+0.00129223	+0.01067228	+0.00364949		
C/1996 M3	1996 06	20.77572	05 52 10.6	+21 46 20		249
Geocentric position (AU)		+0.00129076	+0.01067212	+0.00364966		
C/1996 M3	1996 06	20.80658	05 52 28.9	+21 53 21		249
Geocentric position (AU)		+0.00128930	+0.01067195	+0.00364984		
P/1998 U4 (Spahr)						
P/1998 U4	1997 10	29.31352	00 04 33.70	-03 55 42.4	18.6 N	566
P/1998 U4	1997 10	29.32287	00 04 33.42	-03 55 47.0	19.7 N	566
P/1998 U4	1997 10	29.32454	00 04 33.45	-03 55 46.6	18.8 N	566
P/1998 U4	1997 10	29.33363	00 04 33.30	-03 55 50.1	18.5 N	566
P/1998 U4	1997 12	27.20801	00 09 59.05	-06 20 06.9	18.5 N	566
P/2000 Y3 (Scotti)						
P/2000 Y3	2002 02	13.18220	09 38 55.15	+15 42 27.8	18.1 T	I03
P/2000 Y3	2002 02	13.26853	09 38 52.02	+15 42 41.2	17.7 T	I03
P/2000 Y3	2002 02	13.29483	09 38 51.05	+15 42 45.4	17.7 T	I03
C/2001 HT₅₀ (LINEAR-NEAT)						
C/2001 HT ₅₀	2004 07	02.73013	00 47 15.73	+16 42 14.0		349
C/2001 HT ₅₀	2004 07	02.73131	00 47 15.71	+16 42 14.3		349

C/2001 HT ₅₀	2004 07	02.73249	00 47 15.67	+16 42 14.4	14.5 T	349
C/2001 HT ₅₀	2004 07	06.72071	00 45 03.06	+16 47 16.7		349
C/2001 HT ₅₀	2004 07	06.72222	00 45 03.02	+16 47 16.8		349
C/2001 HT ₅₀	2004 07	06.72375	00 45 02.96	+16 47 17.0	14.5 T	349
C/2001 HT ₅₀	2004 07	11.02108	00 42 21.64	+16 51 10.4		048
C/2001 HT ₅₀	2004 07	11.02218	00 42 21.61	+16 51 10.5		048
C/2001 HT ₅₀	2004 07	11.02440	00 42 21.50	+16 51 10.7		048
C/2001 HT ₅₀	2004 07	11.02771	00 42 21.36	+16 51 10.8		048
C/2001 HT ₅₀	2004 07	11.02991	00 42 21.26	+16 51 11.0		048
C/2001 HT ₅₀	2004 07	13.05038	00 40 58.68	+16 52 24.3	15.1 N	939
C/2001 HT ₅₀	2004 07	13.05280	00 40 58.56	+16 52 24.5	15.1 N	939
C/2001 HT ₅₀	2004 07	13.06006	00 40 58.24	+16 52 24.9	15.1 N	939
C/2001 HT ₅₀	2004 07	14.04090	00 40 16.56	+16 52 52.2	15.2 N	939
C/2001 HT ₅₀	2004 07	14.04573	00 40 16.35	+16 52 52.2	15.3 N	939
C/2001 HT ₅₀	2004 07	14.05054	00 40 16.14	+16 52 52.4	15.2 N	939
C/2001 HT ₅₀	2004 07	15.07681	00 39 31.40	+16 53 14.5	15.2 N	939
C/2001 HT ₅₀	2004 07	15.08161	00 39 31.19	+16 53 14.7	15.2 N	939
C/2001 HT ₅₀	2004 07	15.08642	00 39 30.98	+16 53 14.9	15.2 N	939
C/2001 HT ₅₀	2004 07	15.78531	00 38 59.70	+16 53 26.3	15.6 N	379
C/2001 HT ₅₀	2004 07	15.78830	00 38 59.60	+16 53 27.4	15.1 N	379
C/2001 HT ₅₀	2004 07	16.70625	00 38 18.02	+16 53 39.7	14.6 T	D74
C/2001 HT ₅₀	2004 07	16.71319	00 38 17.68	+16 53 39.4	14.6 T	D74
C/2001 HT ₅₀	2004 07	16.78486	00 38 14.33	+16 53 38.1	15.0 N	379
C/2001 HT ₅₀	2004 07	16.78934	00 38 14.14	+16 53 37.6	15.2 N	379
C/2001 HT ₅₀	2004 07	17.00900	00 38 04.04	+16 53 39.5	15.8 N	215
C/2001 HT ₅₀	2004 07	17.00940	00 38 04.02	+16 53 39.6	16.0 N	215
C/2001 HT ₅₀	2004 07	17.00979	00 38 03.99	+16 53 39.4	16.1 N	215
C/2001 HT ₅₀	2004 07	17.02525	00 38 03.36	+16 53 38.4	15.4 N	A18
C/2001 HT ₅₀	2004 07	17.02890	00 38 03.16	+16 53 37.5	15.6 N	A18
C/2001 HT ₅₀	2004 07	17.05505	00 38 01.92	+16 53 38.9	15.3 N	939
C/2001 HT ₅₀	2004 07	17.05745	00 38 01.78	+16 53 39.2	15.3 N	939
C/2001 HT ₅₀	2004 07	17.05986	00 38 01.60	+16 53 39.4	15.3 N	939
C/2001 HT ₅₀	2004 07	18.03047	00 37 16.22	+16 53 42.8		048
C/2001 HT ₅₀	2004 07	18.03123	00 37 16.12	+16 53 42.7		048
C/2001 HT ₅₀	2004 07	18.04953	00 37 15.29	+16 53 42.8		048
C/2001 HT ₅₀	2004 07	18.05028	00 37 15.23	+16 53 42.8		048
C/2001 HT ₅₀	2004 07	18.05253	00 37 15.11	+16 53 42.9		048
C/2001 HT ₅₀	2004 07	19.99782	00 35 40.86	+16 53 29.7		048
C/2001 HT ₅₀	2004 07	19.99933	00 35 40.81	+16 53 29.7		048
C/2001 HT ₅₀	2004 07	20.00008	00 35 40.78	+16 53 29.9		048
C/2001 HT ₅₀	2004 07	20.00083	00 35 40.75	+16 53 29.7		048
C/2001 HT ₅₀	2004 07	20.00157	00 35 40.67	+16 53 29.4		048
C/2001 HT ₅₀	2004 07	20.74169	00 35 03.75	+16 53 18.4	15.1 N	379
C/2001 HT ₅₀	2004 07	20.74468	00 35 03.62	+16 53 17.8	15.2 N	379
C/2001 HT ₅₀	2004 07	21.77756	00 34 11.01	+16 52 56.2	15.3 N	379
C/2001 HT ₅₀	2004 07	21.78204	00 34 10.82	+16 52 55.2	14.8 N	379
C/2001 HT ₅₀	2004 07	21.78353	00 34 10.73	+16 52 55.9	15.6 N	379
C/2001 HT ₅₀	2004 07	21.78502	00 34 10.65	+16 52 55.5	15.3 N	379
C/2001 HT ₅₀	2004 07	21.97343	00 34 00.95	+16 52 50.6		048
C/2001 HT ₅₀	2004 07	21.97418	00 34 00.93	+16 52 50.3		048
C/2001 HT ₅₀	2004 07	21.97493	00 34 00.92	+16 52 50.2		048
C/2001 HT ₅₀	2004 07	21.97644	00 34 00.79	+16 52 49.7		048
C/2001 HT ₅₀	2004 07	21.97944	00 34 00.67	+16 52 49.5		048

C/2001 HT ₅₀	2004 07 23.75720	00 32 27.01	+16 51 51.8	15.4 N	379	C/2001 HT ₅₀	2004 08 08.01312	00 16 48.41	+16 26 55.4		048
C/2001 HT ₅₀	2004 07 23.75869	00 32 26.90	+16 51 51.9	15.7 N	379	C/2001 HT ₅₀	2004 08 08.01574	00 16 48.29	+16 26 54.9		048
C/2001 HT ₅₀	2004 07 23.76019	00 32 26.83	+16 51 51.7	15.4 N	379	C/2001 HT ₅₀	2004 08 08.08001	00 16 43.80	+16 26 45.5	15.4 N	442
C/2001 HT ₅₀	2004 07 23.96110	00 32 16.91	+16 51 41.5	15.6 N	A54	C/2001 HT ₅₀	2004 08 08.08099	00 16 43.74	+16 26 45.9	15.4 N	442
C/2001 HT ₅₀	2004 07 23.96679	00 32 16.15	+16 51 41.2	15.7 N	A54	C/2001 HT ₅₀	2004 08 08.72740	00 15 58.92	+16 24 58.8	15.1 N	379
C/2001 HT ₅₀	2004 07 24.03204	00 32 12.36	+16 51 38.9	15.1 N	939	C/2001 HT ₅₀	2004 08 08.72889	00 15 58.77	+16 24 57.7	15.3 N	379
C/2001 HT ₅₀	2004 07 24.03619	00 32 12.12	+16 51 40.0	15.3 N	213	C/2001 HT ₅₀	2004 08 08.73337	00 15 58.49	+16 24 57.7	14.8 N	379
C/2001 HT ₅₀	2004 07 24.03669	00 32 12.14	+16 51 39.5	15.1 N	939	C/2001 HT ₅₀	2004 08 08.97745	00 15 41.48	+16 24 16.9		048
C/2001 HT ₅₀	2004 07 24.03887	00 32 12.01	+16 51 38.8	15.3 N	213	C/2001 HT ₅₀	2004 08 08.97831	00 15 41.39	+16 24 16.5		048
C/2001 HT ₅₀	2004 07 24.04130	00 32 11.89	+16 51 38.8	15.3 N	213	C/2001 HT ₅₀	2004 08 08.98350	00 15 41.02	+16 24 15.6		048
C/2001 HT ₅₀	2004 07 24.04137	00 32 11.87	+16 51 39.2	15.1 N	939	C/2001 HT ₅₀	2004 08 08.98866	00 15 40.66	+16 24 15.1		048
C/2001 HT ₅₀	2004 07 25.01753	00 31 18.97	+16 50 57.8	15.5 N	A54	C/2001 HT ₅₀	2004 08 08.99132	00 15 40.44	+16 24 14.0		048
C/2001 HT ₅₀	2004 07 25.01898	00 31 18.74	+16 50 54.4	15.2 N	A01	C/2001 HT ₅₀	2004 08 09.03229	00 15 37.62	+16 24 07.1	15.3 N	A33
C/2001 HT ₅₀	2004 07 25.02291	00 31 18.54	+16 50 54.5	15.2 N	A01	C/2001 HT ₅₀	2004 08 09.04069	00 15 37.05	+16 24 04.7	15.0 N	A33
C/2001 HT ₅₀	2004 07 25.02361	00 31 18.67	+16 50 53.1	15.5 N	A54	C/2001 HT ₅₀	2004 08 09.72241	00 14 49.06	+16 22 08.7	15.1 N	379
C/2001 HT ₅₀	2004 07 25.03074	00 31 18.11	+16 50 53.6	15.2 N	A01	C/2001 HT ₅₀	2004 08 09.72838	00 14 48.66	+16 22 07.7	15.5 N	379
C/2001 HT ₅₀	2004 07 27.67535	00 28 48.93	+16 48 21.7		D74	C/2001 HT ₅₀	2004 08 09.73137	00 14 48.44	+16 22 07.0	15.4 N	379
C/2001 HT ₅₀	2004 07 27.69132	00 28 47.99	+16 48 19.8		D74	C/2001 HT ₅₀	2004 08 09.73286	00 14 48.29	+16 22 07.2	15.2 N	379
C/2001 HT ₅₀	2004 07 27.73785	00 28 45.30	+16 48 16.4		D74	C/2001 HT ₅₀	2004 08 09.96066	00 14 32.23	+16 21 27.2	15.4 N	939
C/2001 HT ₅₀	2004 07 29.03468	00 27 29.41	+16 46 39.2	15.3 N	A32	C/2001 HT ₅₀	2004 08 09.96547	00 14 31.91	+16 21 25.7	15.5 N	939
C/2001 HT ₅₀	2004 07 29.03916	00 27 29.15	+16 46 38.5	15.1 N	A32	C/2001 HT ₅₀	2004 08 09.97029	00 14 31.58	+16 21 24.6	15.4 N	939
C/2001 HT ₅₀	2004 07 30.97863	00 25 32.53	+16 43 53.1		048	C/2001 HT ₅₀	2004 08 10.08058	00 14 23.74	+16 21 05.7	16.2 N	170
C/2001 HT ₅₀	2004 07 30.97939	00 25 32.43	+16 43 52.9		048	C/2001 HT ₅₀	2004 08 10.97834	00 13 19.69	+16 18 23.0		048
C/2001 HT ₅₀	2004 07 30.98014	00 25 32.33	+16 43 52.9		048	C/2001 HT ₅₀	2004 08 10.97922	00 13 19.60	+16 18 22.8		048
C/2001 HT ₅₀	2004 07 30.98240	00 25 32.19	+16 43 52.1		048	C/2001 HT ₅₀	2004 08 10.98370	00 13 19.28	+16 18 22.3		048
C/2001 HT ₅₀	2004 07 30.98315	00 25 32.14	+16 43 52.4		048	C/2001 HT ₅₀	2004 08 10.98631	00 13 19.09	+16 18 21.5		048
C/2001 HT ₅₀	2004 07 31.00664	00 25 30.70	+16 43 49.5		170	C/2001 HT ₅₀	2004 08 10.98890	00 13 18.83	+16 18 20.9		048
C/2001 HT ₅₀	2004 07 31.00836	00 25 30.61	+16 43 48.9		170	C/2001 HT ₅₀	2004 08 11.02587	00 13 16.44	+16 18 12.8	15.6 N	445
C/2001 HT ₅₀	2004 08 01.97477	00 23 28.20	+16 40 28.9		048	C/2001 HT ₅₀	2004 08 11.02994	00 13 16.15	+16 18 11.8	15.6 N	445
C/2001 HT ₅₀	2004 08 01.97626	00 23 28.06	+16 40 28.4		048	C/2001 HT ₅₀	2004 08 11.03683	00 13 15.70	+16 18 10.3	15.7 N	445
C/2001 HT ₅₀	2004 08 01.98002	00 23 27.84	+16 40 27.8		048	C/2001 HT ₅₀	2004 08 11.04902	00 13 14.75	+16 18 08.5	15.6 N	445
C/2001 HT ₅₀	2004 08 01.98078	00 23 27.78	+16 40 27.4		048	C/2001 HT ₅₀	2004 08 11.71285	00 12 26.78	+16 16 04.9		D74
C/2001 HT ₅₀	2004 08 01.99376	00 23 26.85	+16 40 25.9		048	C/2001 HT ₅₀	2004 08 11.71979	00 12 26.27	+16 16 03.5	14.3 T	D74
C/2001 HT ₅₀	2004 08 04.01308	00 21 17.37	+16 36 27.8		048	C/2001 HT ₅₀	2004 08 11.74501	00 12 24.44	+16 15 57.1	15.6 N	379
C/2001 HT ₅₀	2004 08 04.01383	00 21 17.33	+16 36 27.6		048	C/2001 HT ₅₀	2004 08 11.74650	00 12 24.32	+16 15 56.8	15.6 N	379
C/2001 HT ₅₀	2004 08 04.01683	00 21 17.06	+16 36 27.1		048	C/2001 HT ₅₀	2004 08 11.98258	00 12 07.27	+16 15 11.3	15.4 N	939
C/2001 HT ₅₀	2004 08 04.01833	00 21 16.95	+16 36 26.7		048	C/2001 HT ₅₀	2004 08 11.98742	00 12 06.92	+16 15 10.4	15.4 N	939
C/2001 HT ₅₀	2004 08 04.01910	00 21 16.86	+16 36 26.8		048	C/2001 HT ₅₀	2004 08 11.99226	00 12 06.55	+16 15 09.5	15.4 N	939
C/2001 HT ₅₀	2004 08 04.98828	00 20 13.06	+16 34 20.3		048	C/2001 HT ₅₀	2004 08 12.72601	00 11 13.07	+16 12 44.1	15.6 N	379
C/2001 HT ₅₀	2004 08 04.98903	00 20 13.02	+16 34 20.2		048	C/2001 HT ₅₀	2004 08 12.72750	00 11 12.90	+16 12 44.5	15.4 N	379
C/2001 HT ₅₀	2004 08 04.98978	00 20 12.97	+16 34 20.1		048	C/2001 HT ₅₀	2004 08 12.72899	00 11 12.79	+16 12 44.1	15.6 N	379
C/2001 HT ₅₀	2004 08 04.99053	00 20 12.89	+16 34 19.8		048	C/2001 HT ₅₀	2004 08 13.98304	00 09 40.49	+16 08 24.2	15.5 N	939
C/2001 HT ₅₀	2004 08 04.99279	00 20 12.77	+16 34 20.0		048	C/2001 HT ₅₀	2004 08 13.98787	00 09 40.16	+16 08 22.9	15.6 N	939
C/2001 HT ₅₀	2004 08 04.99354	00 20 12.68	+16 34 19.7		048	C/2001 HT ₅₀	2004 08 13.99270	00 09 39.83	+16 08 21.8	15.5 N	939
C/2001 HT ₅₀	2004 08 06.93823	00 18 02.08	+16 29 42.0	16.0 N	A54	C/2001 HT ₅₀	2004 08 14.02113	00 09 37.63	+16 08 16.3	15.5 N	J78
C/2001 HT ₅₀	2004 08 06.94275	00 18 01.85	+16 29 40.5	16.0 N	A54	C/2001 HT ₅₀	2004 08 14.02277	00 09 37.47	+16 08 17.1	15.5 N	J78
C/2001 HT ₅₀	2004 08 06.95829	00 18 00.78	+16 29 38.1	16.2 N	A54	C/2001 HT ₅₀	2004 08 14.02527	00 09 37.29	+16 08 17.1	15.6 N	J78
C/2001 HT ₅₀	2004 08 06.98087	00 17 59.29	+16 29 36.4	15.5 N	213	C/2001 HT ₅₀	2004 08 14.02079	00 08 30.56	+16 05 01.4	14.6 T	108
C/2001 HT ₅₀	2004 08 06.98177	00 17 59.24	+16 29 36.6	15.5 N	213	C/2001 HT ₅₀	2004 08 14.92384	00 08 30.38	+16 04 59.5	14.9 T	108
C/2001 HT ₅₀	2004 08 06.98270	00 17 59.17	+16 29 36.2	15.5 N	213	C/2001 HT ₅₀	2004 08 14.92743	00 08 30.05	+16 04 58.7	14.8 T	108
C/2001 HT ₅₀	2004 08 08.00882	00 16 48.73	+16 26 56.2		048	C/2001 HT ₅₀	2004 08 14.93032	00 08 29.85	+16 04 59.3	14.7 T	108
C/2001 HT ₅₀	2004 08 08.01053	00 16 48.62	+16 26 56.0		048	C/2001 HT ₅₀	2004 08 14.94014	00 08 29.10	+16 04 57.3	15.7 N	213
C/2001 HT ₅₀	2004 08 08.01227	00 16 48.47	+16 26 55.6		048	C/2001 HT ₅₀	2004 08 14.94109	00 08 29.05	+16 04 57.1	15.7 N	213

C/2001 K5	2004 08 08.89594	22 23 19.91	+69 13 01.7	18.4 N	104
C/2001 K5	2004 08 08.89683	22 23 19.84	+69 13 03.1		048
C/2001 K5	2004 08 08.90409	22 23 19.47	+69 13 02.0	18.3 N	104
C/2001 K5	2004 08 08.91334	22 23 18.90	+69 13 02.5	18.7 N	104
C/2001 K5	2004 08 08.91911	22 23 18.97	+69 13 04.2	18.2 N	104
C/2001 K5	2004 08 09.83887	22 22 39.09	+69 14 27.6	17.2 N	442
C/2001 K5	2004 08 13.90215	22 19 42.62	+69 18 44.9	17.5 N	442
C/2001 K5	2004 08 13.90428	22 19 43.26	+69 18 47.8	17.5 N	442
C/2001 K5	2004 08 13.90684	22 19 43.21	+69 18 47.7	17.5 N	442
C/2001 K5	2004 08 14.00092	22 19 38.90	+69 18 54.6	18.1 N	213
C/2001 K5	2004 08 14.00846	22 19 38.70	+69 18 55.1		213
C/2001 K5	2004 08 14.01764	22 19 38.25	+69 18 55.1		213
C/2001 K5	2004 08 18.95772	22 15 55.26	+69 20 51.4		213
C/2001 K5	2004 08 18.95953	22 15 55.13	+69 20 51.2	18.3 N	213
C/2001 K5	2004 08 20.66882	22 14 37.05	+69 20 38.8	17.3 T	D74
C/2001 K5	2004 08 20.67326	22 14 36.81	+69 20 38.7	17.1 T	D74
C/2001 K5	2004 08 22.11057	22 13 30.92	+69 20 10.1		941
C/2001 K5	2004 08 22.11171	22 13 30.82	+69 20 10.0		941
C/2001 K5	2004 08 22.11856	22 13 30.25	+69 20 09.6		941
C/2001 K5	2004 08 24.82444	22 11 24.63	+69 18 17.5	17.8 N	442

C/2001 Q4 (NEAT)

C/2001 Q4	2004 06 23.50035	10 18 53.17	+53 35 20.8	7.5 T	372
C/2001 Q4	2004 06 23.53705	10 18 56.35	+53 35 50.2		372
C/2001 Q4	2004 07 05.48038	10 36 33.30	+55 54 36.1	7.5 T	372
C/2001 Q4	2004 07 06.50024	10 38 04.37	+56 04 33.7	6.4 T	372
C/2001 Q4	2004 07 06.50236	10 38 04.52	+56 04 33.6		372
C/2001 Q4	2004 07 12.87062	10 47 44.79	+57 02 20.7	12.6 N	138
C/2001 Q4	2004 07 12.88662	10 47 46.44	+57 02 27.5	11.1 N	138
C/2001 Q4	2004 07 12.90081	10 47 47.66	+57 02 35.3	11.1 N	J76
C/2001 Q4	2004 07 12.90225	10 47 47.78	+57 02 36.1	11.2 N	J76
C/2001 Q4	2004 07 12.90272	10 47 47.83	+57 02 36.4	11.2 N	J76
C/2001 Q4	2004 07 13.47263	10 48 40.83	+57 07 29.2	8.5 T	360
C/2001 Q4	2004 07 13.47376	10 48 40.92	+57 07 29.7		360
C/2001 Q4	2004 07 13.48437	10 48 41.96	+57 07 36.1	6.9 T	372
C/2001 Q4	2004 07 13.85547	10 49 16.69	+57 10 43.0	11.0 N	213
C/2001 Q4	2004 07 13.85594	10 49 16.73	+57 10 43.3	11.0 N	213
C/2001 Q4	2004 07 13.85675	10 49 16.80	+57 10 43.5	11.0 N	213
C/2001 Q4	2004 07 13.88214	10 49 19.25	+57 10 55.9	11.0 T	619
C/2001 Q4	2004 07 13.88333	10 49 19.42	+57 10 56.6	10.9 T	619
C/2001 Q4	2004 07 13.88451	10 49 19.55	+57 10 56.9	10.9 T	619
C/2001 Q4	2004 07 14.84740	10 50 49.83	+57 19 02.1	11.0 N	J76
C/2001 Q4	2004 07 14.84911	10 50 49.97	+57 19 02.4	11.1 N	J76
C/2001 Q4	2004 07 14.85006	10 50 50.11	+57 19 03.4	11.1 N	J76
C/2001 Q4	2004 07 15.87495	10 52 27.47	+57 27 30.5	11.2 N	939
C/2001 Q4	2004 07 15.87803	10 52 27.76	+57 27 31.9	11.2 N	939
C/2001 Q4	2004 07 15.87905	10 52 27.86	+57 27 32.4	11.2 N	939
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C/2001 Q4	2004 08 10.82897	11 39 22.11	+60 43 58.6		A46	C/2001 Q4	2004 08 18.84184	11 56 51.46	+61 44 34.8		A46
C/2001 Q4	2004 08 10.83019	11 39 22.27	+60 43 58.8		A46	C/2001 Q4	2004 08 18.84304	11 56 51.61	+61 44 35.6		A46
C/2001 Q4	2004 08 10.83140	11 39 22.38	+60 43 59.7		A46	C/2001 Q4	2004 08 18.84425	11 56 51.81	+61 44 35.9		A46
C/2001 Q4	2004 08 10.83262	11 39 22.52	+60 44 00.2		A46	C/2001 Q4	2004 08 18.84664	11 56 52.17	+61 44 37.0		A46
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C/2001 Q4	2004 08 10.85267	11 39 24.94	+60 44 10.3	12.5 N	J97	C/2001 Q4	2004 08 19.02383	11 57 16.64	+61 45 57.4	13.4 N	J93
C/2001 Q4	2004 08 10.85328	11 39 25.02	+60 44 09.8	12.4 N	J97	C/2001 Q4	2004 08 19.02532	11 57 16.96	+61 45 58.4	13.2 N	J93
C/2001 Q4	2004 08 10.85389	11 39 25.15	+60 44 10.1	12.5 N	J97	C/2001 Q4	2004 08 19.02682	11 57 17.17	+61 45 59.3	13.3 N	J93
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C/2003 G1	2004 08 18.88198	18 24 48.48	+43 21 20.5		A46
C/2003 G1	2004 08 18.88318	18 24 48.46	+43 21 20.7		A46
C/2003 G1	2004 08 18.88440	18 24 48.41	+43 21 20.4		A46
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C/2003 G1	2004 08 19.87909	18 24 32.38	+43 18 01.3	19.0 T	A41
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C/2003 G1	2004 08 19.92003	18 24 31.68	+43 17 52.1		A46
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C/2003 G1	2004 08 19.92257	18 24 31.56	+43 17 53.1	18.2 N	938
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C/2003 K4	2004 06 24.91449	16 56 31.10	+46 55 43.9		127
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C/2003 K4	2004 07 26.52736	14 11 52.08	+30 14 44.9	12.0 N	379	C/2003 K4	2004 07 30.84039	13 59 38.27	+27 13 28.0		048
C/2003 K4	2004 07 26.52872	14 11 51.77	+30 14 41.3	12.0 N	379	C/2003 K4	2004 07 30.84248	13 59 37.94	+27 13 22.7		048

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C/2003 K4	2004 08 03.82617	13 49 58.49	+24 30 07.7		048	C/2003 K4	2004 08 06.87455	13 43 29.64	+22 28 51.2	11.7 N	A32
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C/2003 K4	2004 08 09.46707	13 38 31.40	+20 48 30.3	11.8 N	379	C/2003 K4	2004 08 13.87440	13 31 03.61	+18 04 02.8	11.4 N	442
C/2003 K4	2004 08 09.47203	13 38 30.92	+20 48 19.0	11.8 N	379	C/2003 K4	2004 08 13.87477	13 31 03.56	+18 04 01.9	11.4 N	442
C/2003 K4	2004 08 09.47432	13 38 30.61	+20 48 13.8	11.9 N	379	C/2003 K4	2004 08 13.87514	13 31 03.47	+18 04 01.3	11.4 N	442
C/2003 K4	2004 08 09.82110	13 37 52.88	+20 34 59.9	11.9 N	442	C/2003 K4	2004 08 14.39076	13 30 15.54	+17 45 23.6	10.0 T	D86
C/2003 K4	2004 08 09.82163	13 37 52.79	+20 34 58.6	11.8 N	442	C/2003 K4	2004 08 14.39631	13 30 14.98	+17 45 10.9	10.0 T	D86
C/2003 K4	2004 08 09.82354	13 37 52.61	+20 34 54.3	11.8 N	442	C/2003 K4	2004 08 14.40167	13 30 14.47	+17 45 00.8	9.9 T	D86
C/2003 K4	2004 08 09.84170	13 37 50.61	+20 34 13.1	12.6 N	620	C/2003 K4	2004 08 14.84931	13 29 33.48	+17 28 44.3	11.4 N	A32
C/2003 K4	2004 08 09.84563	13 37 50.19	+20 34 04.2	12.6 N	620	C/2003 K4	2004 08 14.85208	13 29 33.26	+17 28 38.0	11.4 N	A32
C/2003 K4	2004 08 09.85005	13 37 49.70	+20 33 54.0	12.6 N	620	C/2003 K4	2004 08 14.85486	13 29 33.00	+17 28 31.6	11.4 N	A32
C/2003 K4	2004 08 09.85134	13 37 49.59	+20 33 51.0	10.8 N	939	C/2003 K4	2004 08 14.85764	13 29 32.77	+17 28 25.9	11.3 N	A32
C/2003 K4	2004 08 09.85478	13 37 49.21	+20 33 43.1	10.8 N	939	C/2003 K4	2004 08 14.85802	13 29 32.65	+17 28 26.2	11.3 N	939
C/2003 K4	2004 08 09.85822	13 37 48.80	+20 33 35.1	10.8 N	939	C/2003 K4	2004 08 14.86145	13 29 32.33	+17 28 18.7	11.3 N	939
C/2003 K4	2004 08 09.88245	13 37 46.24	+20 32 39.1	11.0 N	A32	C/2003 K4	2004 08 14.86486	13 29 32.02	+17 28 11.2	11.3 N	939
C/2003 K4	2004 08 09.88469	13 37 45.99	+20 32 34.1	11.0 N	A32	C/2003 K4	2004 08 14.86627	13 29 31.91	+17 28 06.5	11.0 N	235
C/2003 K4	2004 08 09.88693	13 37 45.75	+20 32 29.0	10.9 N	A32	C/2003 K4	2004 08 15.11031	13 29 09.81	+17 19 20.4	13.1 N	762
C/2003 K4	2004 08 09.88888	13 37 45.51	+20 32 23.9	10.5 N	A33	C/2003 K4	2004 08 15.11660	13 29 09.24	+17 19 06.8	13.2 N	762
C/2003 K4	2004 08 09.88918	13 37 45.51	+20 32 23.9	11.0 N	A32	C/2003 K4	2004 08 15.12890	13 29 08.11	+17 18 40.1	13.1 N	762
C/2003 K4	2004 08 09.90194	13 37 44.09	+20 31 54.0	10.5 N	A33	C/2003 K4	2004 08 15.46973	13 28 37.57	+17 06 28.7	10.3 T	D89
C/2003 K4	2004 08 10.40550	13 36 50.18	+20 12 54.7	9.7 T	D86	C/2003 K4	2004 08 15.83766	13 28 05.04	+16 53 18.9		A46
C/2003 K4	2004 08 10.41320	13 36 49.32	+20 12 37.9	9.7 T	D86	C/2003 K4	2004 08 15.83858	13 28 04.91	+16 53 16.6		A46
C/2003 K4	2004 08 10.41792	13 36 48.80	+20 12 26.9	9.9 T	D86	C/2003 K4	2004 08 15.84149	13 28 04.70	+16 53 10.7		A46
C/2003 K4	2004 08 10.47412	13 36 42.85	+20 10 14.4	11.6 N	379	C/2003 K4	2004 08 15.84247	13 28 04.63	+16 53 08.4		A46
C/2003 K4	2004 08 10.47492	13 36 42.80	+20 10 12.3	11.7 N	379	C/2003 K4	2004 08 15.84440	13 28 04.40	+16 53 04.1		A46
C/2003 K4	2004 08 10.47572	13 36 42.72	+20 10 10.4	11.8 N	379	C/2003 K4	2004 08 15.84538	13 28 04.35	+16 53 01.9		A46
C/2003 K4	2004 08 10.47811	13 36 42.43	+20 10 05.3	11.7 N	379	C/2003 K4	2004 08 15.85797	13 28 03.23	+16 52 37.1	11.1 N	J97
C/2003 K4	2004 08 10.80625	13 36 08.01	+19 57 41.9	12.2 N	A30	C/2003 K4	2004 08 15.85863	13 28 03.23	+16 52 36.2	11.1 N	J97
C/2003 K4	2004 08 10.80832	13 36 07.76	+19 57 37.0	12.2 N	A30	C/2003 K4	2004 08 15.89542	13 28 00.00	+16 51 16.9	11.5 N	J78
C/2003 K4	2004 08 10.81023	13 36 07.56	+19 57 32.8	12.2 N	A30	C/2003 K4	2004 08 15.89694	13 27 59.83	+16 51 13.7	11.5 N	J78
C/2003 K4	2004 08 10.81212	13 36 07.36	+19 57 28.4	12.2 N	A30	C/2003 K4	2004 08 15.89799	13 27 59.72	+16 51 11.2	11.6 N	J78
C/2003 K4	2004 08 10.83673	13 36 04.93	+19 56 33.7	10.8 N	235	C/2003 K4	2004 08 16.84954	13 26 37.46	+16 17 29.5	11.0 N	939
C/2003 K4	2004 08 10.84314	13 36 04.08	+19 56 17.3		A46	C/2003 K4	2004 08 16.85294	13 26 37.19	+16 17 22.3	11.0 N	939
C/2003 K4	2004 08 10.84411	13 36 03.99	+19 56 14.9		A46	C/2003 K4	2004 08 16.85633	13 26 36.90	+16 17 15.1	11.0 N	939
C/2003 K4	2004 08 10.84508	13 36 03.90	+19 56 13.0		A46	C/2003 K4	2004 08 17.81712	13 25 16.48	+15 43 35.1	11.1 N	213
C/2003 K4	2004 08 10.84703	13 36 03.68	+19 56 08.1		A46	C/2003 K4	2004 08 17.81812	13 25 16.37	+15 43 33.2	11.1 N	213
C/2003 K4	2004 08 10.84800	13 36 03.57	+19 56 06.5		A46	C/2003 K4	2004 08 17.82058	13 25 16.22	+15 43 27.9	11.1 N	213
C/2003 K4	2004 08 10.84896	13 36 03.48	+19 56 04.4		A46	C/2003 K4	2004 08 17.84752	13 25 14.00	+15 42 31.8	11.3 N	442

C/2003 K4	2004 08 17.84832	13 25 13.79	+15 42 30.9	11.3 N	442
C/2003 K4	2004 08 17.84868	13 25 13.81	+15 42 30.1	11.3 N	442
C/2003 K4	2004 08 17.85729	13 25 13.03	+15 42 11.7	11.3 N	J98
C/2003 K4	2004 08 17.86771	13 25 12.24	+15 41 48.9	11.2 N	J98
C/2003 K4	2004 08 18.39151	13 24 29.45	+15 23 44.5	9.9 T	D86
C/2003 K4	2004 08 18.39700	13 24 28.97	+15 23 31.7	10.0 T	D86
C/2003 K4	2004 08 18.40167	13 24 28.63	+15 23 22.9	9.8 T	D86
C/2003 K4	2004 08 19.82954	13 22 35.67	+14 34 15.2	11.2 N	445
C/2003 K4	2004 08 19.83547	13 22 35.28	+14 34 03.8	11.2 N	445
C/2003 K4	2004 08 19.84081	13 22 34.83	+14 33 52.4	11.2 N	939
C/2003 K4	2004 08 19.84422	13 22 34.56	+14 33 45.4	11.2 N	939
C/2003 K4	2004 08 19.84753	13 22 34.45	+14 33 40.4	11.1 N	445
C/2003 K4	2004 08 19.84764	13 22 34.31	+14 33 38.4	11.2 N	939
C/2003 K4	2004 08 19.85431	13 22 33.85	+14 33 24.1	11.2 N	A32
C/2003 K4	2004 08 19.85655	13 22 33.66	+14 33 19.3	11.2 N	A32
C/2003 K4	2004 08 19.85880	13 22 33.49	+14 33 14.0	11.7 N	A32
C/2003 K4	2004 08 19.87168	13 22 32.48	+14 32 50.2	11.0 N	J78
C/2003 K4	2004 08 19.87375	13 22 32.28	+14 32 44.3	11.0 N	J78
C/2003 K4	2004 08 19.87436	13 22 32.22	+14 32 42.8	11.0 N	J78
C/2003 K4	2004 08 21.07956	13 21 00.86	+13 51 57.2	13.1 N	762
C/2003 K4	2004 08 21.08431	13 21 00.50	+13 51 47.6	12.9 N	762
C/2003 K4	2004 08 21.09253	13 20 59.89	+13 51 31.1	12.5 N	762
C/2003 K4	2004 08 21.80295	13 20 07.64	+13 27 45.1	12.3 N	A30
C/2003 K4	2004 08 21.80528	13 20 07.42	+13 27 40.1	12.1 N	A30
C/2003 K4	2004 08 21.80814	13 20 07.25	+13 27 33.4	12.3 N	A30
C/2003 K4	2004 08 21.81047	13 20 07.06	+13 27 29.6	12.3 N	A30
C/2003 K4	2004 08 22.83431	13 18 53.67	+12 53 34.1	10.7 N	A32
C/2003 K4	2004 08 22.83656	13 18 53.56	+12 53 29.2	11.5 N	A32
C/2003 K4	2004 08 22.83882	13 18 53.41	+12 53 25.4	11.4 N	A32
C/2003 K4	2004 08 24.79473	13 16 38.98	+11 49 37.7	12.3 N	A30
C/2003 K4	2004 08 24.79759	13 16 38.80	+11 49 31.8	12.3 N	A30
C/2003 K4	2004 08 24.80045	13 16 38.60	+11 49 26.5	12.4 N	A30
C/2003 K4	2004 08 24.80383	13 16 38.37	+11 49 20.5	12.5 N	A30
C/2003 K4	2004 08 24.83682	13 16 36.42	+11 48 21.4	11.1 N	442
C/2003 K4	2004 08 24.83729	13 16 36.40	+11 48 20.7	11.1 N	442
C/2003 K4	2004 08 24.83802	13 16 36.03	+11 48 14.6	11.0 N	442

C/2003 O1 (LINEAR)

C/2003 O1	2004 06 20.53054	17 30 22.42	+46 44 53.3		349
C/2003 O1	2004 06 20.53638	17 30 21.94	+46 44 53.1		349
C/2003 O1	2004 06 20.54222	17 30 21.51	+46 44 53.2	17.5 T	349
C/2003 O1	2004 07 10.92498	17 04 17.09	+45 59 58.1		048
C/2003 O1	2004 07 10.93227	17 04 16.48	+45 59 55.7		048
C/2003 O1	2004 07 10.93661	17 04 16.14	+45 59 55.2		048
C/2003 O1	2004 07 10.93951	17 04 15.95	+45 59 55.0		048
C/2003 O1	2004 07 10.94096	17 04 15.90	+45 59 54.8		048
C/2003 O1	2004 07 16.71099	16 57 40.06	+45 34 10.9	18.3 T	D74
C/2003 O1	2004 07 16.72745	16 57 39.01	+45 34 05.9	17.8 T	D74
C/2003 O1	2004 07 17.86878	16 56 24.04	+45 28 26.2		048
C/2003 O1	2004 07 17.87316	16 56 23.80	+45 28 24.9		048
C/2003 O1	2004 07 17.88035	16 56 23.42	+45 28 22.4		213
C/2003 O1	2004 07 17.88218	16 56 23.30	+45 28 21.8	17.7 N	213
C/2003 O1	2004 07 17.88402	16 56 23.18	+45 28 21.3		213

C/2003 O1	2004 07 17.89407	16 56 22.35	+45 28 18.6		048
C/2003 O1	2004 07 17.91416	16 56 21.33	+45 28 12.3		048
C/2003 O1	2004 07 19.60286	16 54 32.37	+45 19 28.8		349
C/2003 O1	2004 07 19.60869	16 54 32.07	+45 19 27.3	17.7 T	349
C/2003 O1	2004 07 19.87904	16 54 14.76	+45 18 01.4		048
C/2003 O1	2004 07 19.88672	16 54 14.25	+45 17 58.7		048
C/2003 O1	2004 07 19.88782	16 54 14.20	+45 17 58.0		048
C/2003 O1	2004 07 19.89002	16 54 13.99	+45 17 57.5		048
C/2003 O1	2004 07 19.91199	16 54 12.68	+45 17 50.7		A46
C/2003 O1	2004 07 19.91319	16 54 12.72	+45 17 50.0		A46
C/2003 O1	2004 07 19.91440	16 54 12.58	+45 17 50.8		A46
C/2003 O1	2004 07 19.91679	16 54 12.41	+45 17 48.8		A46
C/2003 O1	2004 07 19.91800	16 54 12.48	+45 17 49.7		A46
C/2003 O1	2004 07 19.91921	16 54 12.38	+45 17 49.3		A46
C/2003 O1	2004 07 20.88036	16 53 11.93	+45 12 38.4	17.7 N	213
C/2003 O1	2004 07 20.88225	16 53 11.79	+45 12 37.4		213
C/2003 O1	2004 07 20.88701	16 53 11.50	+45 12 35.8		213
C/2003 O1	2004 07 24.96043	16 49 04.72	+44 49 24.5		941
C/2003 O1	2004 07 24.96122	16 49 04.68	+44 49 24.3		941
C/2003 O1	2004 07 24.96201	16 49 04.59	+44 49 24.2		941
C/2003 O1	2004 07 24.96281	16 49 04.55	+44 49 23.9		941
C/2003 O1	2004 07 30.85315	16 43 36.36	+44 12 37.8		048
C/2003 O1	2004 07 30.85731	16 43 36.15	+44 12 36.7		048
C/2003 O1	2004 07 30.86529	16 43 35.75	+44 12 33.3		048
C/2003 O1	2004 07 30.86674	16 43 35.60	+44 12 33.1		048
C/2003 O1	2004 07 31.17549	16 43 19.40	+44 10 32.6	19.0 T	673
C/2003 O1	2004 07 31.17766	16 43 19.26	+44 10 31.9		673
C/2003 O1	2004 07 31.18588	16 43 18.83	+44 10 28.5		673
C/2003 O1	2004 07 31.18947	16 43 18.64	+44 10 27.4		673
C/2003 O1	2004 08 03.86499	16 40 12.77	+43 45 46.9		048
C/2003 O1	2004 08 03.86788	16 40 12.67	+43 45 46.2		048
C/2003 O1	2004 08 03.87656	16 40 12.13	+43 45 41.5		048
C/2003 O1	2004 08 03.87944	16 40 12.00	+43 45 39.9		048
C/2003 O1	2004 08 03.88234	16 40 11.75	+43 45 39.8		048
C/2003 O1	2004 08 06.92168	16 37 47.97	+43 24 33.0	17.5 N	A54
C/2003 O1	2004 08 07.83771	16 37 06.88	+43 17 57.0		048
C/2003 O1	2004 08 07.84237	16 37 06.58	+43 17 56.0		048
C/2003 O1	2004 08 07.85171	16 37 06.26	+43 17 51.5		048
C/2003 O1	2004 08 07.85950	16 37 05.84	+43 17 46.9		048
C/2003 O1	2004 08 07.89058	16 37 04.59	+43 17 35.1	17.6 N	213
C/2003 O1	2004 08 07.89440	16 37 04.39	+43 17 33.6		213
C/2003 O1	2004 08 15.32742	16 31 59.95	+42 22 59.8	18.0 N	568
C/2003 O1	2004 08 15.33674	16 31 59.58	+42 22 55.7	17.9 N	568
C/2003 O1	2004 08 16.28984	16 31 24.64	+42 15 44.4	18.3 N	568
C/2003 O1	2004 08 16.29806	16 31 24.34	+42 15 40.7	18.2 N	568
C/2003 O1	2004 08 16.50383	16 31 16.88	+42 14 06.1	17.8 T	360
C/2003 O1	2004 08 16.50813	16 31 16.70	+42 14 04.1		360
C/2003 O1	2004 08 27.13725	16 25 48.82	+40 52 27.3	18.2 T	704
C/2003 O1	2004 08 27.14773	16 25 48.77	+40 52 21.3	18.7 T	704
C/2003 O1	2004 08 27.15820	16 25 48.33	+40 52 17.7	18.6 T	704
C/2003 O1	2004 08 27.16891	16 25 48.03	+40 52 12.2	18.8 T	704
C/2003 O1	2004 08 27.18049	16 25 47.65	+40 52 06.2	19.2 T	704
C/2003 O1	2004 08 27.19284	16 25 47.67	+40 52 00.4	17.1 T	703

C/2003 O1	2004 08 27.20352	16 25 47.23	+40 51 55.8	17.1 T	703
C/2003 O1	2004 08 27.21417	16 25 47.01	+40 51 50.5	17.0 T	703
C/2003 O1	2004 08 27.22481	16 25 46.73	+40 51 46.6	17.4 T	703
C/2003 O1	2004 08 28.12868	16 25 23.67	+40 44 46.5	18.8 T	704
C/2003 O1	2004 08 28.13927	16 25 23.38	+40 44 41.8	18.8 T	704
C/2003 O1	2004 08 28.14977	16 25 23.17	+40 44 36.7	18.8 T	704
C/2003 O1	2004 08 28.17110	16 25 22.60	+40 44 27.0	18.8 T	704

C/2003 R1 (LINEAR)

C/2003 R1	2004 08 18.21458	20 48 04.48	+08 28 29.7	20.0 T	673
C/2003 R1	2004 08 18.23194	20 48 02.98	+08 28 24.2		673
C/2003 R1	2004 08 18.24560	20 48 01.82	+08 28 19.4		673
C/2003 R1	2004 08 18.25486	20 48 01.02	+08 28 16.7		673
C/2003 R1	2004 08 20.28611	20 45 11.31	+08 17 03.8	20.0 T	673
C/2003 R1	2004 08 20.28993	20 45 10.96	+08 17 01.9		673
C/2003 R1	2004 08 20.29549	20 45 10.44	+08 16 59.9		673
C/2003 R1	2004 08 20.30266	20 45 09.96	+08 16 57.9		673

C/2003 S3 (LINEAR)

C/2003 S3	2004 08 15.55825	03 13 41.85	+16 27 50.5	19.5 N	568
C/2003 S3	2004 08 15.56990	03 13 41.69	+16 27 48.5	19.5 N	568
C/2003 S3	2004 08 16.52162	03 13 30.74	+16 25 23.3	19.5 N	568
C/2003 S3	2004 08 16.53330	03 13 30.56	+16 25 21.2	19.6 N	568

C/2003 T3 (Tabur)

C/2003 T3	2004 05 23.07654	02 28 37.73	+42 44 52.9	13.2 N	204
C/2003 T3	2004 05 23.07778	02 28 38.02	+42 44 55.4		204
C/2003 T3	2004 05 23.08089	02 28 38.62	+42 45 02.3		204
C/2003 T3	2004 05 23.08226	02 28 38.97	+42 45 04.7	13.3 N	204
C/2003 T3	2004 06 12.76771	03 59 25.20	+51 59 20.6	10.8 T	372
C/2003 T3	2004 06 12.77188	03 59 26.44	+51 59 25.8	10.8 T	372
C/2003 T3	2004 06 13.78007	04 04 27.86	+52 19 43.6	10.9 T	372
C/2003 T3	2004 06 14.78101	04 09 29.99	+52 39 08.5	11.3 T	372
C/2003 T3	2004 06 21.76958	04 45 46.35	+54 33 51.2		372
C/2003 T3	2004 07 01.76051	05 39 32.15	+56 12 20.1		349
C/2003 T3	2004 07 01.76111	05 39 32.39	+56 12 20.3		349
C/2003 T3	2004 07 01.76172	05 39 32.60	+56 12 20.4	11.2 T	349
C/2003 T3	2004 07 02.77888	05 45 01.56	+56 18 04.9		349
C/2003 T3	2004 07 02.78014	05 45 01.99	+56 18 05.1	11.7 T	349
C/2003 T3	2004 07 06.77314	06 06 24.52	+56 33 20.9		349
C/2003 T3	2004 07 06.77435	06 06 24.86	+56 33 20.9		349
C/2003 T3	2004 07 06.77558	06 06 25.31	+56 33 20.7	11.4 T	349
C/2003 T3	2004 07 11.04024	06 28 47.53	+56 37 29.5		048
C/2003 T3	2004 07 11.04101	06 28 47.79	+56 37 29.5		048
C/2003 T3	2004 07 11.04251	06 28 48.29	+56 37 29.5		048
C/2003 T3	2004 07 11.04326	06 28 48.48	+56 37 29.4		048
C/2003 T3	2004 07 11.04402	06 28 48.74	+56 37 29.4		048
C/2003 T3	2004 07 13.78125	06 42 48.88	+56 34 03.8		372
C/2003 T3	2004 07 13.78368	06 42 49.65	+56 34 03.9		372
C/2003 T3	2004 07 15.78438	06 52 51.07	+56 28 47.1	12.7 T	372
C/2003 T3	2004 07 15.78785	06 52 52.00	+56 28 46.9	12.7 T	372
C/2003 T3	2004 07 16.91478	06 58 25.25	+56 24 49.3	14.1 N	A18
C/2003 T3	2004 07 16.91771	06 58 26.14	+56 24 48.5	14.0 N	A18
C/2003 T3	2004 07 18.06346	07 04 01.26	+56 20 08.9		048

C/2003 T3	2004 07 18.06387	07 04 01.36	+56 20 08.9		048
C/2003 T3	2004 07 18.06427	07 04 01.52	+56 20 08.3		048
C/2003 T3	2004 07 18.06468	07 04 01.68	+56 20 07.8		048
C/2003 T3	2004 07 18.06549	07 04 01.93	+56 20 07.8		048
C/2003 T3	2004 07 20.04098	07 13 29.49	+56 10 30.7		048
C/2003 T3	2004 07 20.04139	07 13 29.64	+56 10 30.6		048
C/2003 T3	2004 07 20.04179	07 13 29.76	+56 10 30.1		048
C/2003 T3	2004 07 20.04220	07 13 29.83	+56 10 30.0		048
C/2003 T3	2004 07 20.04260	07 13 29.91	+56 10 29.2		048
C/2003 T3	2004 07 20.47674	07 15 32.50	+56 08 08.5	13.0 T	372
C/2003 T3	2004 07 20.76764	07 16 55.15	+56 06 30.3		D74
C/2003 T3	2004 07 20.78028	07 16 58.72	+56 06 27.0		D74
C/2003 T3	2004 07 22.03125	07 22 47.93	+55 58 57.8		048
C/2003 T3	2004 07 22.03166	07 22 48.07	+55 58 57.5		048
C/2003 T3	2004 07 22.03206	07 22 48.20	+55 58 57.5		048
C/2003 T3	2004 07 22.03247	07 22 48.29	+55 58 57.4		048
C/2003 T3	2004 07 22.03287	07 22 48.38	+55 58 56.9		048
C/2003 T3	2004 07 22.92515	07 26 54.18	+55 53 15.0	13.7 N	A32
C/2003 T3	2004 07 22.92740	07 26 54.80	+55 53 14.0	13.6 N	A32
C/2003 T3	2004 07 22.93076	07 26 55.73	+55 53 13.1	13.5 N	A32
C/2003 T3	2004 07 25.03459	07 36 24.40	+55 38 27.9	14.9 N	A54
C/2003 T3	2004 07 25.03556	07 36 24.80	+55 38 27.8	14.5 N	A54
C/2003 T3	2004 07 27.78906	07 48 24.56	+55 16 35.5	13.3 T	372
C/2003 T3	2004 07 27.79166	07 48 25.18	+55 16 33.6		372
C/2003 T3	2004 07 27.91808	07 48 57.29	+55 15 29.5	13.5 N	A32
C/2003 T3	2004 07 27.91920	07 48 57.57	+55 15 28.8	13.5 N	A32
C/2003 T3	2004 07 27.92032	07 48 57.87	+55 15 28.3	13.4 N	A32
C/2003 T3	2004 07 27.92145	07 48 58.18	+55 15 27.7	13.6 N	A32
C/2003 T3	2004 07 27.92257	07 48 58.44	+55 15 27.1	13.6 N	A32
C/2003 T3	2004 07 28.78854	07 52 39.01	+55 08 02.5	13.1 T	372
C/2003 T3	2004 07 28.79132	07 52 39.72	+55 08 01.2		372
C/2003 T3	2004 07 29.05370	07 53 45.63	+55 05 42.3	13.5 N	A32
C/2003 T3	2004 07 29.05484	07 53 45.94	+55 05 41.7	13.5 N	A32
C/2003 T3	2004 07 29.05596	07 53 46.21	+55 05 41.5	13.6 N	A32
C/2003 T3	2004 07 29.05708	07 53 46.50	+55 05 40.6	13.7 N	A32
C/2003 T3	2004 07 29.05821	07 53 46.77	+55 05 39.9	13.7 N	A32
C/2003 T3	2004 07 31.03306	08 01 56.61	+54 47 41.8		048
C/2003 T3	2004 07 31.03381	08 01 56.78	+54 47 41.5		048
C/2003 T3	2004 07 31.03456	08 01 56.99	+54 47 40.8		048
C/2003 T3	2004 07 31.03531	08 01 57.22	+54 47 40.6		048
C/2003 T3	2004 07 31.03606	08 01 57.37	+54 47 40.2		048
C/2003 T3	2004 08 02.03602	08 09 58.83	+54 28 23.6		048
C/2003 T3	2004 08 02.03677	08 09 59.09	+54 28 23.5		048
C/2003 T3	2004 08 02.03752	08 09 59.26	+54 28 22.6		048
C/2003 T3	2004 08 02.03828	08 09 59.34	+54 28 22.4		048
C/2003 T3	2004 08 02.03903	08 09 59.60	+54 28 22.0		048
C/2003 T3	2004 08 02.04916	08 10 02.03	+54 28 16.9	13.5 N	A32
C/2003 T3	2004 08 02.05367	08 10 03.11	+54 28 14.2	13.5 N	A32
C/2003 T3	2004 08 02.05818	08 10 04.19	+54 28 11.6	13.4 N	A32
C/2003 T3	2004 08 04.04338	08 17 47.74	+54 08 04.6		048
C/2003 T3	2004 08 04.04378	08 17 47.77	+54 08 04.3		048
C/2003 T3	2004 08 04.04420	08 17 47.91	+54 08 03.7		048
C/2003 T3	2004 08 04.04502	08 17 48.02	+54 08 03.1		048

C/2003 T3	2004 08 05.04288	08 21 35.78	+53 57 38.0		048
C/2003 T3	2004 08 05.04329	08 21 35.92	+53 57 37.8		048
C/2003 T3	2004 08 05.04370	08 21 35.98	+53 57 37.2		048
C/2003 T3	2004 08 05.04412	08 21 36.08	+53 57 37.0		048
C/2003 T3	2004 08 05.04453	08 21 36.22	+53 57 36.9		048
C/2003 T3	2004 08 06.98091	08 28 47.84	+53 36 51.3	14.1 N	J93
C/2003 T3	2004 08 06.98361	08 28 48.60	+53 36 49.7	14.1 N	J93
C/2003 T3	2004 08 06.98531	08 28 48.86	+53 36 48.6	13.9 N	J93
C/2003 T3	2004 08 07.03767	08 29 00.49	+53 36 14.0		048
C/2003 T3	2004 08 07.03808	08 29 00.58	+53 36 13.9		048
C/2003 T3	2004 08 07.03848	08 29 00.71	+53 36 13.5		048
C/2003 T3	2004 08 07.03889	08 29 00.80	+53 36 13.2		048
C/2003 T3	2004 08 07.03929	08 29 00.97	+53 36 13.1		048
C/2003 T3	2004 08 07.96365	08 32 22.04	+53 26 03.9	14.2 N	J93
C/2003 T3	2004 08 07.96454	08 32 22.19	+53 26 02.8	14.1 N	J93
C/2003 T3	2004 08 07.96541	08 32 22.44	+53 26 02.6	14.2 N	J93
C/2003 T3	2004 08 07.96716	08 32 22.76	+53 26 02.1	14.2 N	J93
C/2003 T3	2004 08 08.07830	08 32 46.94	+53 24 47.5		048
C/2003 T3	2004 08 08.07937	08 32 47.20	+53 24 47.3		048
C/2003 T3	2004 08 08.07990	08 32 47.25	+53 24 47.2		048
C/2003 T3	2004 08 08.08041	08 32 47.38	+53 24 46.5		048
C/2003 T3	2004 08 08.08093	08 32 47.49	+53 24 46.2		048
C/2003 T3	2004 08 11.09929	08 43 23.80	+52 50 40.1		048
C/2003 T3	2004 08 11.09981	08 43 23.97	+52 50 39.8		048
C/2003 T3	2004 08 11.10034	08 43 24.06	+52 50 39.0		048
C/2003 T3	2004 08 11.78918	08 45 44.92	+52 42 41.9	11.4 T	D74
C/2003 T3	2004 08 11.79630	08 45 46.39	+52 42 37.4	11.3 T	D74
C/2003 T3	2004 08 14.88181	08 55 58.82	+52 06 26.9	13.9 N	A32
C/2003 T3	2004 08 14.88516	08 55 59.47	+52 06 24.3	13.9 N	A32
C/2003 T3	2004 08 14.88741	08 55 59.92	+52 06 22.9	13.7 N	A32
C/2003 T3	2004 08 19.87102	09 11 27.61	+51 06 30.4	13.6 N	A32
C/2003 T3	2004 08 19.87551	09 11 28.41	+51 06 27.4	13.5 N	A32
C/2003 T3	2004 08 19.88000	09 11 29.22	+51 06 23.7	13.6 N	A32
C/2003 T3	2004 08 22.84351	09 20 06.86	+50 30 20.9		A32
C/2003 T3	2004 08 22.84687	09 20 07.40	+50 30 19.6	13.7 N	A32
C/2003 T3	2004 08 22.85024	09 20 07.99	+50 30 16.9	13.9 N	A32
C/2003 T3	2004 08 26.85343	09 31 09.71	+49 41 31.7	14.6 N	A18
C/2003 T3	2004 08 26.85708	09 31 10.32	+49 41 26.9	14.8 N	A18

C/2003 T4 (LINEAR)

C/2003 T4	2004 07 10.87548	07 35 18.89	+68 55 04.0	18.3 N	130
C/2003 T4	2004 07 10.89142	07 35 21.35	+68 55 03.5	17.4 N	130
C/2003 T4	2004 07 10.89498	07 35 21.82	+68 55 03.9	17.6 N	130
C/2003 T4	2004 07 10.89888	07 35 22.65	+68 55 04.2	17.1 N	130
C/2003 T4	2004 07 14.96418	07 46 15.73	+68 57 07.1	17.5 T	561
C/2003 T4	2004 07 14.96878	07 46 17.16	+68 57 07.9	17.5 T	561
C/2003 T4	2004 07 14.97263	07 46 18.35	+68 57 05.8	17.5 T	561
C/2003 T4	2004 07 16.76595	07 51 11.95	+68 58 02.0	16.4 T	D74
C/2003 T4	2004 07 16.77361	07 51 13.29	+68 58 03.3	16.4 T	D74
C/2003 T4	2004 07 16.94675	07 51 40.86	+68 58 04.4	16.3 N	A18
C/2003 T4	2004 07 17.85446	07 54 12.27	+68 58 37.1	16.0 N	213
C/2003 T4	2004 07 17.85787	07 54 12.73	+68 58 36.9	16.1 N	213
C/2003 T4	2004 07 17.86329	07 54 13.90	+68 58 36.8	16.1 N	213

C/2003 T4	2004 07 19.51601	07 58 51.06	+68 59 25.7		349
C/2003 T4	2004 07 19.51837	07 58 51.43	+68 59 25.9	15.4 T	349
C/2003 T4	2004 07 20.04677	08 00 21.11	+68 59 43.8		048
C/2003 T4	2004 07 20.04787	08 00 21.20	+68 59 43.4		048
C/2003 T4	2004 07 20.05007	08 00 21.54	+68 59 44.3		048
C/2003 T4	2004 07 20.05337	08 00 21.95	+68 59 43.5		048
C/2003 T4	2004 07 22.03622	08 06 00.51	+69 00 41.8		048
C/2003 T4	2004 07 22.03840	08 06 00.72	+69 00 42.2		048
C/2003 T4	2004 07 22.03950	08 06 00.88	+69 00 42.2		048
C/2003 T4	2004 07 22.04280	08 06 01.39	+69 00 42.3		048
C/2003 T4	2004 07 22.04390	08 06 01.59	+69 00 42.2		048
C/2003 T4	2004 07 23.91991	08 11 26.21	+69 01 43.9	16.5 N	A54
C/2003 T4	2004 07 27.88021	08 23 05.49	+69 03 18.5	15.4 N	442
C/2003 T4	2004 07 27.88217	08 23 06.46	+69 03 17.0	15.4 N	442
C/2003 T4	2004 07 27.92563	08 23 14.66	+69 03 20.4	16.1 N	A32
C/2003 T4	2004 07 27.93123	08 23 15.61	+69 03 20.3	16.0 N	A32
C/2003 T4	2004 07 27.93795	08 23 16.79	+69 03 20.6	16.1 N	A32
C/2003 T4	2004 07 27.94469	08 23 18.06	+69 03 20.9	16.2 N	A32
C/2003 T4	2004 07 31.03850	08 32 39.80	+69 04 29.5		048
C/2003 T4	2004 07 31.03925	08 32 39.90	+69 04 29.4		048
C/2003 T4	2004 07 31.04074	08 32 40.17	+69 04 29.5		048
C/2003 T4	2004 07 31.04149	08 32 40.29	+69 04 29.6		048
C/2003 T4	2004 07 31.04225	08 32 40.38	+69 04 29.4		048
C/2003 T4	2004 08 02.04110	08 38 49.88	+69 05 06.7		048
C/2003 T4	2004 08 02.04186	08 38 50.12	+69 05 06.8		048
C/2003 T4	2004 08 02.04262	08 38 50.31	+69 05 07.0		048
C/2003 T4	2004 08 02.04412	08 38 50.55	+69 05 07.2		048
C/2003 T4	2004 08 02.04487	08 38 50.73	+69 05 07.2		048
C/2003 T4	2004 08 04.04748	08 45 06.58	+69 05 36.1		048
C/2003 T4	2004 08 04.05274	08 45 07.79	+69 05 36.4		048
C/2003 T4	2004 08 04.05350	08 45 07.91	+69 05 36.5		048
C/2003 T4	2004 08 05.03737	08 48 14.76	+69 05 47.1		048
C/2003 T4	2004 08 05.03812	08 48 14.78	+69 05 47.2		048
C/2003 T4	2004 08 05.03888	08 48 14.88	+69 05 47.5		048
C/2003 T4	2004 08 05.03963	08 48 14.96	+69 05 47.5		048
C/2003 T4	2004 08 05.04113	08 48 15.20	+69 05 47.5		048
C/2003 T4	2004 08 07.06468	08 54 43.66	+69 06 04.2	16.0 N	A54
C/2003 T4	2004 08 07.07127	08 54 44.95	+69 06 04.3	15.8 N	A54
C/2003 T4	2004 08 08.06642	08 57 57.63	+69 06 10.0		048
C/2003 T4	2004 08 08.06764	08 57 57.92	+69 06 10.3		048
C/2003 T4	2004 08 08.07130	08 57 58.72	+69 06 10.2		048
C/2003 T4	2004 08 08.07374	08 57 59.36	+69 06 10.6		048
C/2003 T4	2004 08 09.91777	09 04 00.87	+69 06 11.9	15.7 N	A33
C/2003 T4	2004 08 09.93084	09 04 03.47	+69 06 12.0	15.7 N	A33
C/2003 T4	2004 08 14.89123	09 20 40.52	+69 05 31.9	16.0 N	A32
C/2003 T4	2004 08 14.89907	09 20 42.19	+69 05 31.7	16.1 N	A32
C/2003 T4	2004 08 14.90806	09 20 43.99	+69 05 31.8	16.1 N	A32
C/2003 T4	2004 08 14.91703	09 20 45.92	+69 05 31.2	16.1 N	A32
C/2003 T4	2004 08 19.84331	09 37 51.61	+69 03 27.8	15.8 N	213
C/2003 T4	2004 08 19.84667	09 37 52.30	+69 03 28.7	15.8 N	213
C/2003 T4	2004 08 19.88296	09 38 00.13	+69 03 26.6	15.7 N	A32
C/2003 T4	2004 08 19.88745	09 38 01.06	+69 03 26.3	15.8 N	A32
C/2003 T4	2004 08 19.89194	09 38 02.05	+69 03 26.1	15.8 N	A32

C/2003 T4	2004 08 19.89955	09 38 03.60	+69 03 25.5	15.6 N	A18
C/2003 T4	2004 08 22.85336	09 48 35.98	+69 01 23.4	16.0 N	A32
C/2003 T4	2004 08 22.86122	09 48 37.73	+69 01 22.7	15.8 N	A32
C/2003 T4	2004 08 22.87020	09 48 39.62	+69 01 22.5	15.5 N	A32
C/2003 T4	2004 08 22.88030	09 48 41.81	+69 01 22.0	15.8 N	A32

P/2004 CB (LINEAR)

P/2004 CB	2004 07 19.64992	23 40 55.10	-42 10 10.3	18.2 T	E12
P/2004 CB	2004 07 19.66119	23 40 54.32	-42 10 22.6	18.2 T	E12
P/2004 CB	2004 07 19.67248	23 40 53.45	-42 10 34.8	18.3 T	E12
P/2004 CB	2004 07 19.68377	23 40 52.61	-42 10 47.1	18.7 T	E12
P/2004 CB	2004 07 27.23307	23 30 19.12	-44 15 26.6	18.5 N	859
P/2004 CB	2004 07 27.24777	23 30 17.91	-44 15 38.8	18.1 N	859
P/2004 CB	2004 08 15.52441	22 53 10.84	-47 21 36.4	19.0 T	E12
P/2004 CB	2004 08 15.53376	22 53 09.61	-47 21 37.2	18.6 T	E12
P/2004 CB	2004 08 15.54312	22 53 08.44	-47 21 39.8	18.8 T	E12
P/2004 CB	2004 08 15.55245	22 53 07.23	-47 21 42.1	18.5 T	E12
P/2004 CB	2004 08 25.55984	22 33 13.49	-47 29 19.4	19.5 T	E12
P/2004 CB	2004 08 25.56936	22 33 12.45	-47 29 18.7	19.0 T	E12
P/2004 CB	2004 08 25.57888	22 33 11.30	-47 29 17.1	19.3 T	E12
P/2004 CB	2004 08 25.58835	22 33 10.15	-47 29 15.0	20.4 T	E12

C/2004 D1 (NEAT)

C/2004 D1	2004 07 20.75472	05 11 19.22	+33 33 10.0		D74
C/2004 D1	2004 07 20.77146	05 11 19.94	+33 33 14.8		D74
C/2004 D1	2004 07 27.74183	05 16 13.29	+34 03 36.4	19.1 T	D74
C/2004 D1	2004 07 27.77449	05 16 14.60	+34 03 45.6	19.5 T	D74
C/2004 D1	2004 07 27.78433	05 16 15.02	+34 03 48.3	19.4 T	D74
C/2004 D1	2004 07 27.79493	05 16 15.43	+34 03 51.4	19.5 T	D74
C/2004 D1	2004 08 19.40211	05 30 43.31	+35 48 15.6	18.9 T	704
C/2004 D1	2004 08 19.42245	05 30 44.03	+35 48 22.2	19.3 T	704
C/2004 D1	2004 08 19.43253	05 30 44.37	+35 48 25.3	19.5 T	704
C/2004 D1	2004 08 19.44264	05 30 44.76	+35 48 27.9	19.1 T	704

C/2004 DZ₆₁ (Catalina-LINEAR)

C/2004 DZ ₆₁	2004 07 13.49747	13 14 05.05	+52 11 53.5	17.8 T	360
C/2004 DZ ₆₁	2004 07 13.50134	13 14 05.57	+52 11 51.9		360
C/2004 DZ ₆₁	2004 08 27.14230	15 01 26.42	+45 32 02.9	19.3 T	704
C/2004 DZ ₆₁	2004 08 27.16343	15 01 29.64	+45 31 47.8	19.9 T	704
C/2004 DZ ₆₁	2004 08 27.17502	15 01 31.29	+45 31 36.5	19.3 T	704

C/2004 F2 (LINEAR)

C/2004 F2	2004 07 17.89643	14 44 13.38	+38 32 43.9	20.7 T	941
C/2004 F2	2004 07 17.89757	14 44 13.35	+38 32 43.7	20.8 T	941
C/2004 F2	2004 07 17.89985	14 44 13.32	+38 32 43.3	20.6 T	941
C/2004 F2	2004 07 17.90441	14 44 13.23	+38 32 42.4	20.6 T	941
C/2004 F2	2004 07 17.90555	14 44 13.20	+38 32 42.1	20.8 T	941
C/2004 F2	2004 07 22.91882	14 42 23.77	+38 04 33.2	20.9 T	941
C/2004 F2	2004 07 22.92110	14 42 23.74	+38 04 32.5	20.8 T	941
C/2004 F2	2004 07 22.92338	14 42 23.71	+38 04 31.4	20.8 T	941

P/2004 F3 (NEAT)

P/2004 F3	2004 06 20.50037	13 09 15.29	+07 17 02.7		349
P/2004 F3	2004 06 20.50282	13 09 15.32	+07 17 01.3		349
P/2004 F3	2004 06 20.50528	13 09 15.37	+07 17 00.2		349

P/2004 F3	2004 06 20.50884	13 09 15.41	+07 16 58.0	15.5 T	349
P/2004 F3	2004 07 12.91187	13 19 42.51	+03 42 49.0	15.5 N	J76
P/2004 F3	2004 07 12.91352	13 19 42.58	+03 42 47.9	15.5 N	J76
P/2004 F3	2004 07 12.91434	13 19 42.60	+03 42 47.7	15.5 N	J76
P/2004 F3	2004 07 14.85620	13 20 59.56	+03 22 58.1	15.8 N	213
P/2004 F3	2004 07 14.85816	13 20 59.72	+03 22 57.0	15.9 N	213
P/2004 F3	2004 07 14.86088	13 20 59.83	+03 22 55.3	16.0 N	213
P/2004 F3	2004 07 14.92120	13 21 02.25	+03 22 18.3	15.7 N	J76
P/2004 F3	2004 07 14.92203	13 21 02.31	+03 22 17.9	15.7 N	J76
P/2004 F3	2004 07 14.92466	13 21 02.41	+03 22 16.0	15.7 N	J76
P/2004 F3	2004 07 16.90944	13 22 24.68	+03 01 50.4	15.6 T	215
P/2004 F3	2004 07 16.90984	13 22 24.70	+03 01 50.7	15.8 T	215
P/2004 F3	2004 07 16.91023	13 22 24.73	+03 01 50.3	15.7 T	215
P/2004 F3	2004 07 19.42181	13 24 13.69	+02 35 51.7	16.5 N	415
P/2004 F3	2004 07 19.42324	13 24 13.77	+02 35 50.7	16.6 N	415
P/2004 F3	2004 07 19.42466	13 24 13.82	+02 35 50.0	16.6 N	415
P/2004 F3	2004 07 19.49071	13 24 16.73	+02 35 05.0		349
P/2004 F3	2004 07 19.49224	13 24 16.81	+02 35 04.0		349
P/2004 F3	2004 07 19.49377	13 24 16.89	+02 35 03.3	15.6 T	349
P/2004 F3	2004 07 27.37639	13 30 32.79	+01 12 04.7	16.3 N	415
P/2004 F3	2004 07 27.37782	13 30 32.87	+01 12 03.7	16.3 N	415
P/2004 F3	2004 07 27.37925	13 30 32.92	+01 12 03.1	16.3 N	415
P/2004 F3	2004 07 29.88623	13 32 42.21	+00 45 21.7	15.0 N	442
P/2004 F3	2004 08 13.45978	13 46 42.57	-01 52 05.3	15.5 T	360
P/2004 F3	2004 08 13.46299	13 46 42.76	-01 52 07.4		360

C/2004 F4 (Bradfield)

C/2004 F4	2004 05 23.06943	01 13 44.11	+47 12 11.3		204
C/2004 F4	2004 05 23.07230	01 13 44.24	+47 12 16.8		204
C/2004 F4	2004 05 23.07432	01 13 44.33	+47 12 19.9	15.7 N	204
C/2004 F4	2004 05 29.00534	01 18 36.81	+49 32 17.6	14.2 N	A54
C/2004 F4	2004 05 29.00772	01 18 36.86	+49 32 19.5	14.4 N	A54
C/2004 F4	2004 05 29.00895	01 18 36.92	+49 32 21.4	14.7 N	A54
C/2004 F4	2004 05 30.01830	01 19 23.37	+49 54 42.8	14.6 N	A54
C/2004 F4	2004 05 30.02194	01 19 23.53	+49 54 46.5	14.3 N	A54
C/2004 F4	2004 05 30.02319	01 19 23.69	+49 54 48.9	14.7 N	A54
C/2004 F4	2004 05 30.02544	01 19 23.80	+49 54 51.5	14.3 N	A54
C/2004 F4	2004 05 30.02772	01 19 23.92	+49 54 54.8	14.8 N	A54
C/2004 F4	2004 06 13.74965	01 28 00.49	+54 49 16.3	16.5 T	372
C/2004 F4	2004 06 14.74514	01 28 22.05	+55 07 34.4	16.3 T	372
C/2004 F4	2004 06 21.74063	01 29 54.17	+57 11 46.1	16.8 T	372
C/2004 F4	2004 06 23.72774	01 29 59.63	+57 45 45.0		349
C/2004 F4	2004 06 23.73079	01 29 59.58	+57 45 48.3	15.8 T	349
C/2004 F4	2004 07 10.05166	01 23 30.69	+62 04 29.3	17.6 N	213
C/2004 F4	2004 07 10.95815	01 22 43.05	+62 17 39.4	19.7 N	130
C/2004 F4	2004 07 14.94925	01 18 34.16	+63 13 55.0	19.5 T	561
C/2004 F4	2004 07 14.95159	01 18 34.23	+63 13 58.1	17.1 N	213
C/2004 F4	2004 07 14.95394	01 18 33.60	+63 14 01.5	19.5 T	561
C/2004 F4	2004 07 14.95799	01 18 33.46	+63 14 03.4	19.5 T	561
C/2004 F4	2004 07 16.67331	01 16 26.71	+63 37 15.4	18.7 T	D74
C/2004 F4	2004 07 16.69081	01 16 25.22	+63 37 28.3	18.1 T	D74
C/2004 F4	2004 07 17.04324	01 15 57.51	+63 42 11.2	18.5 N	215
C/2004 F4	2004 07 17.04383	01 15 57.40	+63 42 11.9	18.7 N	215

C/2004 H6	2004 08 05.92651	21 16 36.02	-06 21 13.8		046	C/2004 H6	2004 08 09.99986	20 46 38.83	-05 06 10.9	16.2 N	A32
C/2004 H6	2004 08 05.92777	21 16 35.38	-06 21 11.8		046	C/2004 H6	2004 08 10.01574	20 46 32.37	-05 05 53.5		046
C/2004 H6	2004 08 05.92900	21 16 34.81	-06 21 10.3		046	C/2004 H6	2004 08 10.01669	20 46 31.96	-05 05 52.3		046
C/2004 H6	2004 08 05.93020	21 16 34.25	-06 21 08.7		046	C/2004 H6	2004 08 10.01740	20 46 31.69	-05 05 52.0		046
C/2004 H6	2004 08 05.93087	21 16 33.92	-06 21 08.7		046	C/2004 H6	2004 08 10.01818	20 46 31.38	-05 05 51.1		046
C/2004 H6	2004 08 05.93263	21 16 33.07	-06 21 06.4		046	C/2004 H6	2004 08 10.01902	20 46 31.03	-05 05 50.7		046
C/2004 H6	2004 08 06.92522	21 08 46.43	-06 01 53.5	15.2 N	J93	C/2004 H6	2004 08 10.01976	20 46 30.70	-05 05 49.2		046
C/2004 H6	2004 08 06.92687	21 08 45.60	-06 01 52.2	15.3 N	J93	C/2004 H6	2004 08 10.04104	20 46 22.16	-05 05 27.8	15.7 N	A33
C/2004 H6	2004 08 06.92853	21 08 44.94	-06 01 47.8	15.1 N	J93	C/2004 H6	2004 08 10.04758	20 46 19.52	-05 05 21.2	15.8 N	A33
C/2004 H6	2004 08 06.93020	21 08 43.96	-06 01 45.0	15.3 N	J93	C/2004 H6	2004 08 10.87779	20 40 53.40	-04 51 26.4	16.8 N	A30
C/2004 H6	2004 08 06.94519	21 08 36.96	-06 01 28.9	15.9 N	213	C/2004 H6	2004 08 10.88326	20 40 51.18	-04 51 20.6	16.4 N	A30
C/2004 H6	2004 08 06.94854	21 08 35.31	-06 01 25.4	16.1 N	213	C/2004 H6	2004 08 10.88448	20 40 50.71	-04 51 18.0	16.5 N	A30
C/2004 H6	2004 08 07.04436	21 07 51.07	-05 59 38.4	16.7 N	A54	C/2004 H6	2004 08 10.89118	20 40 48.00	-04 51 11.2	16.8 N	A30
C/2004 H6	2004 08 07.47422	21 04 36.42	-05 51 17.7	14.7 T	D86	C/2004 H6	2004 08 10.93814	20 40 30.28	-04 50 31.9	15.5 N	233
C/2004 H6	2004 08 07.47856	21 04 34.55	-05 51 14.0	15.0 T	D86	C/2004 H6	2004 08 10.94243	20 40 28.34	-04 50 25.4	15.7 N	233
C/2004 H6	2004 08 07.48601	21 04 30.62	-05 51 02.8	14.7 T	D86	C/2004 H6	2004 08 10.94610	20 40 26.69	-04 50 23.3	15.6 N	233
C/2004 H6	2004 08 07.92829	21 01 13.40	-05 43 01.7	15.7 N	213	C/2004 H6	2004 08 11.90796	20 34 25.98	-04 34 50.4	17.3 N	170
C/2004 H6	2004 08 07.92914	21 01 13.11	-05 43 00.6	15.9 N	213	C/2004 H6	2004 08 11.91306	20 34 24.07	-04 34 45.7	17.3 N	170
C/2004 H6	2004 08 07.93052	21 01 12.42	-05 42 59.8		160	C/2004 H6	2004 08 11.91559	20 34 23.14	-04 34 43.2	17.6 N	170
C/2004 H6	2004 08 07.93248	21 01 11.45	-05 42 56.9		160	C/2004 H6	2004 08 11.91983	20 34 21.59	-04 34 39.1	17.7 N	170
C/2004 H6	2004 08 07.93380	21 01 10.99	-05 42 56.5		160	C/2004 H6	2004 08 12.63125	20 30 05.41	-04 23 38.8	16.5 T	372
C/2004 H6	2004 08 07.93512	21 01 10.27	-05 42 54.5		160	C/2004 H6	2004 08 12.92060	20 28 24.00	-04 19 18.8		A30
C/2004 H6	2004 08 07.93573	21 01 10.17	-05 42 56.2	16.1 N	J93	C/2004 H6	2004 08 12.92090	20 28 23.90	-04 19 19.0		A30
C/2004 H6	2004 08 07.93715	21 01 09.59	-05 42 55.1	16.2 N	J93	C/2004 H6	2004 08 12.92218	20 28 23.54	-04 19 17.6	16.2 N	J93
C/2004 H6	2004 08 07.93717	21 01 09.38	-05 42 53.3		160	C/2004 H6	2004 08 12.92228	20 28 23.45	-04 19 17.8		A30
C/2004 H6	2004 08 07.93858	21 01 08.90	-05 42 52.8	16.3 N	J93	C/2004 H6	2004 08 12.92521	20 28 22.54	-04 19 15.7	16.1 N	J93
C/2004 H6	2004 08 07.94000	21 01 08.34	-05 42 51.6	16.1 N	J93	C/2004 H6	2004 08 12.92620	20 28 22.03	-04 19 13.7		A30
C/2004 H6	2004 08 07.94142	21 01 07.65	-05 42 49.1	16.4 N	J93	C/2004 H6	2004 08 12.92670	20 28 21.84	-04 19 13.7		A30
C/2004 H6	2004 08 08.04991	21 00 19.43	-05 40 49.3	15.5 N	A02	C/2004 H6	2004 08 12.92734	20 28 21.77	-04 19 12.8	16.1 N	J93
C/2004 H6	2004 08 08.05274	21 00 18.07	-05 40 44.3	15.5 N	A02	C/2004 H6	2004 08 12.93156	20 28 20.31	-04 19 09.4	16.3 N	J93
C/2004 H6	2004 08 08.05417	21 00 17.33	-05 40 42.6	15.7 N	A02	C/2004 H6	2004 08 13.90169	20 22 51.09	-04 04 56.7	16.0 N	213
C/2004 H6	2004 08 08.09956	20 59 57.63	-05 39 51.6	15.5 N	442	C/2004 H6	2004 08 13.90269	20 22 50.80	-04 04 56.1	16.0 N	213
C/2004 H6	2004 08 08.93417	20 53 58.48	-05 24 46.5		046	C/2004 H6	2004 08 13.90383	20 22 50.38	-04 04 55.6	16.0 N	213
C/2004 H6	2004 08 08.93534	20 53 57.97	-05 24 45.9		046	C/2004 H6	2004 08 13.92380	20 22 43.72	-04 04 38.6	15.9 N	939
C/2004 H6	2004 08 08.93804	20 53 56.82	-05 24 42.8		046	C/2004 H6	2004 08 13.92654	20 22 42.78	-04 04 35.9	15.9 N	939
C/2004 H6	2004 08 08.93870	20 53 56.57	-05 24 42.7		046	C/2004 H6	2004 08 13.92928	20 22 41.84	-04 04 33.5	16.0 N	939
C/2004 H6	2004 08 08.95240	20 53 50.87	-05 24 26.2	17.0 N	620	C/2004 H6	2004 08 13.95328	20 22 33.89	-04 04 13.1	16.3 N	442
C/2004 H6	2004 08 08.95853	20 53 48.25	-05 24 20.0	16.9 N	620	C/2004 H6	2004 08 13.95499	20 22 33.34	-04 04 13.0	16.3 N	442
C/2004 H6	2004 08 08.96637	20 53 44.90	-05 24 11.3	17.5 N	620	C/2004 H6	2004 08 14.90281	20 17 28.37	-03 51 03.8		A30
C/2004 H6	2004 08 08.98174	20 53 38.32	-05 23 56.6	16.1 N	A32	C/2004 H6	2004 08 14.90382	20 17 28.03	-03 51 03.4		A30
C/2004 H6	2004 08 08.98398	20 53 37.37	-05 23 54.5	15.8 N	A32	C/2004 H6	2004 08 14.90477	20 17 27.74	-03 51 02.6		A30
C/2004 H6	2004 08 08.98623	20 53 36.38	-05 23 51.9	15.9 N	A32	C/2004 H6	2004 08 14.90573	20 17 27.41	-03 51 01.9		A30
C/2004 H6	2004 08 08.98847	20 53 35.44	-05 23 49.7	15.8 N	A32	C/2004 H6	2004 08 14.95433	20 17 12.06	-03 50 23.2	17.2 N	A32
C/2004 H6	2004 08 09.01435	20 53 24.43	-05 23 21.8	15.2 N	A33	C/2004 H6	2004 08 14.98765	20 17 01.54	-03 49 54.0	16.1 N	A10
C/2004 H6	2004 08 09.02275	20 53 20.88	-05 23 12.9	15.3 N	A33	C/2004 H6	2004 08 14.98938	20 17 01.04	-03 49 53.3	16.4 N	939
C/2004 H6	2004 08 09.57991	20 49 29.74	-05 13 22.3		D74	C/2004 H6	2004 08 14.99115	20 17 00.52	-03 49 52.3	16.1 N	A10
C/2004 H6	2004 08 09.58767	20 49 26.45	-05 13 13.9		D74	C/2004 H6	2004 08 14.99211	20 17 00.20	-03 49 51.4	16.4 N	939
C/2004 H6	2004 08 09.60412	20 49 19.73	-05 12 57.1		D74	C/2004 H6	2004 08 14.99486	20 16 59.36	-03 49 49.4	16.4 N	939
C/2004 H6	2004 08 09.92244	20 47 10.37	-05 07 28.5		170	C/2004 H6	2004 08 15.04804	20 16 42.43	-03 49 05.4		235
C/2004 H6	2004 08 09.92445	20 47 09.44	-05 07 26.1		170	C/2004 H6	2004 08 15.90267	20 12 23.00	-03 37 54.9	16.0 N	J78
C/2004 H6	2004 08 09.99313	20 46 41.61	-05 06 17.7	16.3 N	A32	C/2004 H6	2004 08 15.92322	20 12 16.80	-03 37 36.5	16.0 N	J78
C/2004 H6	2004 08 09.99537	20 46 40.67	-05 06 15.9	16.1 N	A32	C/2004 H6	2004 08 15.92510	20 12 16.21	-03 37 36.0	16.0 N	J78
C/2004 H6	2004 08 09.99762	20 46 39.76	-05 06 12.8	16.0 N	A32	C/2004 H6	2004 08 15.96717	20 12 03.53	-03 37 03.2	16.4 N	213

C/2004 H6	2004 08 15.96884	20 12 03.05	-03 37 01.6	16.4 N	213	C/2004 H6	2004 08 22.86917	19 43 44.57	-02 24 09.4	18.0 N	104
C/2004 H6	2004 08 15.97055	20 12 02.55	-03 37 00.1		213	C/2004 H6	2004 08 22.95928	19 43 26.35	-02 23 23.8	17.8 N	A32
C/2004 H6	2004 08 16.01957	20 11 47.78	-03 36 23.8		A46	P/2004 HC₁₈ (LINEAR)					
C/2004 H6	2004 08 16.02154	20 11 47.15	-03 36 22.0		A46	P/2004 HC ₁₈	2004 05 23.03546	15 05 36.51	-01 41 19.3	17.4 T	204
C/2004 H6	2004 08 16.02350	20 11 46.58	-03 36 22.4		A46	P/2004 HC ₁₈	2004 05 23.03909	15 05 36.47	-01 41 13.4		204
C/2004 H6	2004 08 16.02545	20 11 45.96	-03 36 20.4		A46	P/2004 HC ₁₈	2004 05 23.04336	15 05 36.41	-01 41 06.9	17.7 T	204
C/2004 H6	2004 08 16.02644	20 11 45.75	-03 36 18.8		A46	P/2004 HC ₁₈	2004 05 28.95691	15 05 13.35	+00 52 28.7	15.7 T	A54
C/2004 H6	2004 08 16.02742	20 11 45.47	-03 36 18.1		A46	P/2004 HC ₁₈	2004 05 28.96080	15 05 13.36	+00 52 32.1	15.9 T	A54
C/2004 H6	2004 08 16.56841	20 09 08.32	-03 29 29.0	13.4 T	360	P/2004 HC ₁₈	2004 07 12.94391	15 31 31.14	+09 02 50.7	16.8 N	939
C/2004 H6	2004 08 16.57309	20 09 06.98	-03 29 25.4		360	P/2004 HC ₁₈	2004 07 12.94764	15 31 31.34	+09 02 49.9	16.9 N	939
C/2004 H6	2004 08 16.89550	20 07 35.40	-03 25 30.4	16.5 N	939	P/2004 HC ₁₈	2004 07 13.52032	15 32 11.70	+09 02 41.7	17.1 T	360
C/2004 H6	2004 08 16.89823	20 07 34.70	-03 25 28.1	16.5 N	939	P/2004 HC ₁₈	2004 07 13.52238	15 32 11.85	+09 02 41.2		360
C/2004 H6	2004 08 16.90096	20 07 34.00	-03 25 25.8	16.4 N	939	P/2004 HC ₁₈	2004 07 13.89859	15 32 38.56	+09 02 31.0	16.8 N	939
C/2004 H6	2004 08 16.90631	20 07 32.13	-03 25 22.4		057	P/2004 HC ₁₈	2004 07 13.90346	15 32 38.91	+09 02 30.4	16.8 N	939
C/2004 H6	2004 08 16.91023	20 07 31.05	-03 25 19.7		057	P/2004 HC ₁₈	2004 07 13.90591	15 32 39.07	+09 02 30.1	16.7 N	939
C/2004 H6	2004 08 16.91149	20 07 30.62	-03 25 17.4		057	P/2004 HC ₁₈	2004 07 14.84966	15 33 46.82	+09 01 53.1	17.6 N	104
C/2004 H6	2004 08 16.91265	20 07 30.30	-03 25 16.6		057	P/2004 HC ₁₈	2004 07 14.85453	15 33 47.12	+09 01 53.0	18.0 N	104
C/2004 H6	2004 08 16.91455	20 07 29.66	-03 25 16.4		057	P/2004 HC ₁₈	2004 07 14.85940	15 33 47.51	+09 01 52.7	18.1 N	104
C/2004 H6	2004 08 16.91969	20 07 28.32	-03 25 11.7		057	P/2004 HC ₁₈	2004 07 14.86949	15 33 48.31	+09 01 52.8	16.8 N	213
C/2004 H6	2004 08 16.99098	20 07 08.29	-03 24 20.9	17.0 T	106	P/2004 HC ₁₈	2004 07 14.87277	15 33 48.47	+09 01 52.7		213
C/2004 H6	2004 08 16.99755	20 07 06.49	-03 24 16.8	17.0 T	106	P/2004 HC ₁₈	2004 07 15.00902	15 33 58.09	+09 01 44.7	16.6 N	939
C/2004 H6	2004 08 17.00412	20 07 04.60	-03 24 11.5	17.0 T	106	P/2004 HC ₁₈	2004 07 15.01142	15 33 58.30	+09 01 44.2	16.7 N	939
C/2004 H6	2004 08 17.87655	20 03 06.52	-03 13 54.5		213	P/2004 HC ₁₈	2004 07 15.01382	15 33 58.48	+09 01 43.3	16.6 N	939
C/2004 H6	2004 08 17.88143	20 03 05.11	-03 13 50.8		213	P/2004 HC ₁₈	2004 07 16.18391	15 35 24.26	+09 00 33.6	16.3 T	785
C/2004 H6	2004 08 17.88756	20 03 03.51	-03 13 46.5	16.4 N	213	P/2004 HC ₁₈	2004 07 16.19826	15 35 25.33	+09 00 27.8	16.0 T	785
C/2004 H6	2004 08 17.97748	20 02 39.44	-03 12 46.1	16.6 N	A10	P/2004 HC ₁₈	2004 07 16.87741	15 36 16.28	+08 59 34.6		246
C/2004 H6	2004 08 17.97849	20 02 39.11	-03 12 45.0	16.6 N	A10	P/2004 HC ₁₈	2004 07 16.87877	15 36 16.35	+08 59 34.7		246
C/2004 H6	2004 08 17.98461	20 02 37.52	-03 12 40.6	16.3 N	A10	P/2004 HC ₁₈	2004 07 16.88003	15 36 16.47	+08 59 34.4		246
C/2004 H6	2004 08 18.03600	20 02 23.84	-03 12 05.7	16.5 N	A02	P/2004 HC ₁₈	2004 07 16.88131	15 36 16.56	+08 59 34.4		246
C/2004 H6	2004 08 18.03811	20 02 22.92	-03 12 03.3	16.5 N	A02	P/2004 HC ₁₈	2004 07 16.88169	15 36 16.58	+08 59 33.7		A46
C/2004 H6	2004 08 18.04024	20 02 22.69	-03 12 02.6	16.4 N	A02	P/2004 HC ₁₈	2004 07 16.88363	15 36 16.70	+08 59 33.3		A46
C/2004 H6	2004 08 18.98787	19 58 18.74	-03 01 30.3	16.6 N	A02	P/2004 HC ₁₈	2004 07 16.88459	15 36 16.80	+08 59 33.2		A46
C/2004 H6	2004 08 18.98931	19 58 18.28	-03 01 30.9	16.4 N	A02	P/2004 HC ₁₈	2004 07 16.88654	15 36 16.99	+08 59 33.0		A46
C/2004 H6	2004 08 19.00307	19 58 14.69	-03 01 24.5	16.9 N	J93	P/2004 HC ₁₈	2004 07 16.88847	15 36 17.06	+08 59 32.7		A46
C/2004 H6	2004 08 19.00642	19 58 13.93	-03 01 22.3	16.9 N	J93	P/2004 HC ₁₈	2004 07 16.89138	15 36 17.28	+08 59 33.0		A46
C/2004 H6	2004 08 19.01172	19 58 12.39	-03 01 17.4	16.8 N	J93	P/2004 HC ₁₈	2004 07 16.91306	15 36 18.91	+08 59 31.5	16.8 N	215
C/2004 H6	2004 08 19.82677	19 54 53.26	-02 52 42.7	18.3 N	A30	P/2004 HC ₁₈	2004 07 16.91345	15 36 18.94	+08 59 31.5	17.1 N	215
C/2004 H6	2004 08 19.82817	19 54 52.92	-02 52 42.3	17.5 N	A30	P/2004 HC ₁₈	2004 07 16.99764	15 36 25.05	+08 59 24.0	17.0 N	939
C/2004 H6	2004 08 19.91991	19 54 30.92	-02 51 45.5		J78	P/2004 HC ₁₈	2004 07 17.00525	15 36 25.63	+08 59 23.9	17.0 N	939
C/2004 H6	2004 08 19.92778	19 54 28.95	-02 51 43.2		A32	P/2004 HC ₁₈	2004 07 17.01285	15 36 26.22	+08 59 24.0	17.1 N	939
C/2004 H6	2004 08 19.93003	19 54 28.45	-02 51 41.7		A32	P/2004 HC ₁₈	2004 07 17.92120	15 37 35.19	+08 57 53.2		A46
C/2004 H6	2004 08 19.93227	19 54 27.82	-02 51 39.2	17.4 N	A32	P/2004 HC ₁₈	2004 07 17.92111	15 37 35.32	+08 57 53.3		A46
C/2004 H6	2004 08 19.95777	19 54 21.82	-02 51 24.6	16.0 N	A18	P/2004 HC ₁₈	2004 07 17.92398	15 37 35.53	+08 57 53.5		A46
C/2004 H6	2004 08 20.20718	19 53 23.21	-02 48 51.4	18.2 T	704	P/2004 HC ₁₈	2004 07 17.92623	15 37 35.64	+08 57 52.4		A46
C/2004 H6	2004 08 20.21726	19 53 20.85	-02 48 45.2	18.3 T	704	P/2004 HC ₁₈	2004 07 17.92655	15 37 35.64	+08 57 52.0		A46
C/2004 H6	2004 08 20.22708	19 53 18.34	-02 48 39.1	18.9 T	704	P/2004 HC ₁₈	2004 07 17.92714	15 37 35.72	+08 57 51.7		A46
C/2004 H6	2004 08 20.23692	19 53 16.23	-02 48 32.5	18.3 T	704	P/2004 HC ₁₈	2004 07 17.96080	15 37 38.17	+08 57 50.8	16.9 T	939
C/2004 H6	2004 08 20.24692	19 53 13.61	-02 48 26.3	18.3 T	704	P/2004 HC ₁₈	2004 07 17.96461	15 37 38.47	+08 57 50.6	16.9 T	939
C/2004 H6	2004 08 21.01170	19 50 18.77	-02 40 58.2	16.4 N	A02	P/2004 HC ₁₈	2004 07 17.97221	15 37 39.06	+08 57 49.9	16.9 T	939
C/2004 H6	2004 08 21.01288	19 50 18.54	-02 40 58.2	16.4 N	A02	P/2004 HC ₁₈	2004 07 19.53100	15 39 39.74	+08 54 41.9		349
C/2004 H6	2004 08 21.01341	19 50 18.44	-02 40 57.4	16.4 N	A02	P/2004 HC ₁₈	2004 07 19.53544	15 39 40.08	+08 54 41.5		349
C/2004 H6	2004 08 22.86288	19 43 45.90	-02 24 12.6	18.6 N	104	P/2004 HC ₁₈	2004 07 19.53990	15 39 40.41	+08 54 40.7	17.0 T	349
C/2004 H6	2004 08 22.86604	19 43 45.24	-02 24 11.3	18.2 N	104						

P/2004 HC ₁₈	2004 07 19.87831	15 40 07.12	+08 53 52.9		A46	C/2004 K1	2004 07 14.93877	19 37 08.15	-02 43 18.6	17.5 T	561
P/2004 HC ₁₈	2004 07 19.88024	15 40 07.21	+08 53 52.4		A46	C/2004 K1	2004 07 14.94277	19 37 07.79	-02 43 18.5	17.5 T	561
P/2004 HC ₁₈	2004 07 19.88122	15 40 07.29	+08 53 51.3		A46	C/2004 K1	2004 07 16.23669	19 35 01.88	-02 43 37.0	17.8 T	785
P/2004 HC ₁₈	2004 07 19.88315	15 40 07.41	+08 53 51.3		A46	C/2004 K1	2004 07 16.26227	19 34 59.34	-02 43 37.3	17.7 T	785
P/2004 HC ₁₈	2004 07 19.88412	15 40 07.57	+08 53 52.1		A46	C/2004 K1	2004 07 16.48582	19 34 37.72	-02 43 39.1	17.9 N	415
P/2004 HC ₁₈	2004 07 19.88508	15 40 07.59	+08 53 51.9		A46	C/2004 K1	2004 07 16.48725	19 34 37.57	-02 43 39.3	17.7 N	415
P/2004 HC ₁₈	2004 07 22.87553	15 44 08.68	+08 45 43.7	17.6 N	213	C/2004 K1	2004 07 16.48868	19 34 37.39	-02 43 39.5	17.8 N	415
P/2004 HC ₁₈	2004 07 22.87760	15 44 08.84	+08 45 43.7		213	C/2004 K1	2004 07 16.95988	19 33 51.46	-02 43 52.2	16.8 N	215
P/2004 HC ₁₈	2004 07 22.87950	15 44 09.00	+08 45 43.5		213	C/2004 K1	2004 07 17.94201	19 32 15.38	-02 44 14.0	16.9 N	213
P/2004 HC ₁₈	2004 07 24.96983	15 47 03.36	+08 38 41.3	16.8 T	A01	C/2004 K1	2004 07 17.95213	19 32 14.31	-02 44 14.3		048
P/2004 HC ₁₈	2004 07 24.97964	15 47 04.26	+08 38 38.6	16.6 T	A01	C/2004 K1	2004 07 17.95341	19 32 14.30	-02 44 14.8	16.9 N	213
P/2004 HC ₁₈	2004 07 31.88679	15 57 15.37	+08 08 44.8	17.3 N	442	C/2004 K1	2004 07 17.95763	19 32 13.76	-02 44 14.2		048
P/2004 HC ₁₈	2004 08 07.95983	16 08 29.28	+07 29 26.9	16.9 T	A02	C/2004 K1	2004 07 17.95983	19 32 13.52	-02 44 14.5		048
P/2004 HC ₁₈	2004 08 07.96543	16 08 29.66	+07 29 25.8	16.9 T	A02	C/2004 K1	2004 07 17.96311	19 32 13.25	-02 44 14.4		048
P/2004 HC ₁₈	2004 08 07.96824	16 08 29.81	+07 29 23.6	16.9 T	A02	C/2004 K1	2004 07 19.53199	19 29 39.62	-02 44 57.7	18.1 N	415
P/2004 HC ₁₈	2004 08 08.87216	16 09 59.44	+07 23 50.3		046	C/2004 K1	2004 07 19.53411	19 29 39.41	-02 44 58.2	17.7 N	415
P/2004 HC ₁₈	2004 08 08.87272	16 09 59.48	+07 23 48.7		046	C/2004 K1	2004 07 19.94194	19 28 59.30	-02 45 14.0		048
P/2004 HC ₁₈	2004 08 08.87331	16 09 59.48	+07 23 49.4		046	C/2004 K1	2004 07 19.94414	19 28 59.11	-02 45 14.2		048
P/2004 HC ₁₈	2004 08 08.87502	16 09 59.69	+07 23 50.7		046	C/2004 K1	2004 07 19.94744	19 28 58.73	-02 45 14.1		048
P/2004 HC ₁₈	2004 08 13.50051	16 17 47.45	+06 54 06.1	17.5 T	360	C/2004 K1	2004 07 19.94964	19 28 58.53	-02 45 14.6		048
P/2004 HC ₁₈	2004 08 13.50442	16 17 47.84	+06 54 04.7		360	C/2004 K1	2004 07 19.95294	19 28 58.24	-02 45 14.5		048
P/2004 HC ₁₈	2004 08 13.86603	16 18 25.10	+06 51 39.6	17.2 N	939	C/2004 K1	2004 07 19.95513	19 28 58.07	-02 45 14.6		048
P/2004 HC ₁₈	2004 08 13.87157	16 18 25.75	+06 51 35.5		213	C/2004 K1	2004 07 20.04094	19 28 49.55	-02 45 18.5		A46
P/2004 HC ₁₈	2004 08 13.87338	16 18 25.92	+06 51 34.7	17.1 N	213	C/2004 K1	2004 07 20.04193	19 28 49.53	-02 45 19.4		A46
P/2004 HC ₁₈	2004 08 13.87365	16 18 26.00	+06 51 35.8	17.1 N	939	C/2004 K1	2004 07 20.04392	19 28 49.28	-02 45 19.6		A46
P/2004 HC ₁₈	2004 08 13.88122	16 18 26.87	+06 51 32.5	17.2 N	939	C/2004 K1	2004 07 20.05183	19 28 48.48	-02 45 18.5		A46
P/2004 HC ₁₈	2004 08 14.92067	16 20 14.39	+06 44 32.1	16.9 T	A01	C/2004 K1	2004 07 20.05479	19 28 48.21	-02 45 19.5		A46
P/2004 HC ₁₈	2004 08 16.86507	16 23 38.53	+06 31 10.2	17.1 N	939	C/2004 K1	2004 07 20.85041	19 27 30.23	-02 45 47.4	18.0 N	104
P/2004 HC ₁₈	2004 08 16.87269	16 23 39.39	+06 31 05.8	17.2 N	939	C/2004 K1	2004 07 20.85453	19 27 29.81	-02 45 48.0	17.9 N	104
P/2004 HC ₁₈	2004 08 16.88028	16 23 40.26	+06 31 01.5	17.1 N	939	C/2004 K1	2004 07 20.85868	19 27 29.40	-02 45 48.2	17.6 N	104
P/2004 HC ₁₈	2004 08 17.92281	16 25 30.46	+06 23 47.3	16.9 T	A01	C/2004 K1	2004 07 20.87738	19 27 27.60	-02 45 48.6	18.0 N	104
P/2004 HC ₁₈	2004 08 19.86505	16 28 58.60	+06 10 01.7	16.9 T	939	C/2004 K1	2004 07 21.92597	19 25 44.52	-02 46 32.2		048
P/2004 HC ₁₈	2004 08 19.86589	16 28 58.73	+06 10 00.6	16.8 N	213	C/2004 K1	2004 07 21.92816	19 25 44.26	-02 46 32.2		048
P/2004 HC ₁₈	2004 08 19.86885	16 28 58.95	+06 09 59.2	16.9 T	939	C/2004 K1	2004 07 21.93146	19 25 43.94	-02 46 32.2		048
P/2004 HC ₁₈	2004 08 19.86959	16 28 59.15	+06 09 58.3	16.8 N	213	C/2004 K1	2004 07 21.93366	19 25 43.75	-02 46 32.3		048
P/2004 HC ₁₈	2004 08 19.87144	16 28 59.34	+06 09 57.4	16.8 N	213	C/2004 K1	2004 07 21.93696	19 25 43.36	-02 46 32.5		048
P/2004 HC ₁₈	2004 08 19.87265	16 28 59.33	+06 09 56.7	16.8 T	939	C/2004 K1	2004 07 21.94581	19 25 42.58	-02 46 32.9	18.0 N	J87
P/2004 HC ₁₈	2004 08 20.15046	16 29 29.23	+06 08 02.9	20.7 N	850	C/2004 K1	2004 07 21.95480	19 25 41.69	-02 46 33.1	18.0 N	J87
P/2004 HC ₁₈	2004 08 20.17222	16 29 31.67	+06 07 49.0	18.5 N	850	C/2004 K1	2004 07 21.96376	19 25 40.86	-02 46 33.6	17.6 N	J87
P/2004 HC ₁₈	2004 08 20.92980	16 30 53.84	+06 02 24.9	16.9 T	A01	C/2004 K1	2004 07 22.04826	19 25 32.47	-02 46 38.4		A46
P/2004 HC ₁₈	2004 08 20.93470	16 30 54.27	+06 02 21.9	16.4 N	A02	C/2004 K1	2004 07 22.04925	19 25 32.35	-02 46 37.5		A46
						C/2004 K1	2004 07 22.05024	19 25 32.21	-02 46 36.7		A46
						C/2004 K1	2004 07 22.22101	19 25 15.47	-02 46 44.7	16.4 T	785
C/2004 K1	2004 07 10.96425	19 43 30.78	-02 43 09.9		048	C/2004 K1	2004 07 22.24300	19 25 13.34	-02 46 46.0	16.2 T	785
C/2004 K1	2004 07 10.96645	19 43 30.55	-02 43 09.6		048	C/2004 K1	2004 07 22.25748	19 25 11.89	-02 46 46.8	16.0 T	785
C/2004 K1	2004 07 10.96977	19 43 30.26	-02 43 09.5		048	C/2004 K1	2004 07 23.94617	19 22 26.09	-02 48 08.1	17.7 N	130
C/2004 K1	2004 07 10.97088	19 43 30.08	-02 43 09.6		048	C/2004 K1	2004 07 23.94945	19 22 25.74	-02 48 08.9	18.0 N	130
C/2004 K1	2004 07 10.97198	19 43 30.05	-02 43 09.3		048	C/2004 K1	2004 07 23.95540	19 22 25.14	-02 48 09.5	18.0 N	130
C/2004 K1	2004 07 13.61498	19 39 16.33	-02 43 06.8	17.3 T	360	C/2004 K1	2004 07 23.99138	19 22 21.69	-02 48 10.5		213
C/2004 K1	2004 07 13.61843	19 39 16.01	-02 43 06.9		360	C/2004 K1	2004 07 23.99249	19 22 21.56	-02 48 10.4	16.8 N	213
C/2004 K1	2004 07 14.66454	19 37 34.71	-02 43 15.2	18.5 T	D74	C/2004 K1	2004 07 24.01302	19 22 19.41	-02 48 13.8	16.4 N	A54
C/2004 K1	2004 07 14.68475	19 37 32.72	-02 43 15.5	18.6 T	D74	C/2004 K1	2004 07 24.01733	19 22 19.07	-02 48 12.0	16.6 N	A54
C/2004 K1	2004 07 14.93438	19 37 08.63	-02 43 18.6	17.5 T	561	C/2004 K1	2004 07 26.54793	19 18 11.15	-02 50 35.9	18.2 N	415

C/2004 L7	2004 06 09.76256	05 09 12.9	+20 51 37	249
Geocentric position (AU)	+0.00402070	+0.00711349	+0.00371548	
C/2004 L7	2004 06 09.77923	05 09 14.9	+20 54 52	249
Geocentric position (AU)	+0.00401625	+0.00711471	+0.00371634	
C/2004 L7	2004 06 09.80423	05 09 19.9	+21 00 11	249
Geocentric position (AU)	+0.00400957	+0.00711654	+0.00371764	
C/2004 L7	2004 06 09.82090	05 09 20.0	+21 03 38	249
Geocentric position (AU)	+0.00400512	+0.00711775	+0.00371850	
C/2004 L7	2004 06 09.82708	05 09 25.6	+21 05 38	249
Geocentric position (AU)	+0.00400346	+0.00711821	+0.00371882	
C/2004 L7	2004 06 09.83756	05 09 27.7	+21 08 07	249
Geocentric position (AU)	+0.00400066	+0.00711897	+0.00371937	
C/2004 L7	2004 06 09.85146	05 09 31.0	+21 11 11	249
Geocentric position (AU)	+0.00399694	+0.00711999	+0.00372008	
C/2004 L7	2004 06 09.86812	05 09 34.7	+21 15 14	249
Geocentric position (AU)	+0.00399249	+0.00712120	+0.00372095	
C/2004 L7	2004 06 09.93951	05 09 52.7	+21 33 21	249
Geocentric position (AU)	+0.00397337	+0.00712639	+0.00372463	
C/2004 L7	2004 06 09.96311	05 09 59.9	+21 39 37	249
Geocentric position (AU)	+0.00396705	+0.00712811	+0.00372584	
C/2004 L7	2004 06 09.97645	05 10 04.5	+21 43 32	249
Geocentric position (AU)	+0.00396347	+0.00712907	+0.00372653	

C/2004 L8 (SOHO)

C/2004 L8	2004 06 10.55423	05 13 20.5	+20 26 57	249
Geocentric position (AU)	+0.00380747	+0.00717022	+0.00375577	
C/2004 L8	2004 06 10.57090	05 13 26.4	+20 29 52	249
Geocentric position (AU)	+0.00380294	+0.00717138	+0.00375660	
C/2004 L8	2004 06 10.61256	05 13 30.9	+20 38 41	249
Geocentric position (AU)	+0.00379160	+0.00717429	+0.00375867	
C/2004 L8	2004 06 10.63757	05 13 39.4	+20 43 12	249
Geocentric position (AU)	+0.00378480	+0.00717603	+0.00375991	
C/2004 L8	2004 06 10.65425	05 13 35.5	+20 46 55	249
Geocentric position (AU)	+0.00378025	+0.00717719	+0.00376073	
C/2004 L8	2004 06 10.67924	05 13 42.2	+20 54 16	249
Geocentric position (AU)	+0.00377344	+0.00717893	+0.00376197	
C/2004 L8	2004 06 10.75423	05 13 54.6	+21 13 35	249
Geocentric position (AU)	+0.00375297	+0.00718412	+0.00376567	
C/2004 L8	2004 06 10.76832	05 13 59.3	+21 18 00	249
Geocentric position (AU)	+0.00374913	+0.00718510	+0.00376637	
C/2004 L8	2004 06 10.78498	05 14 01.6	+21 22 21	249
Geocentric position (AU)	+0.00374457	+0.00718624	+0.00376719	
C/2004 L8	2004 06 10.81053	05 14 07.4	+21 29 48	249
Geocentric position (AU)	+0.00373759	+0.00718800	+0.00376844	

C/2004 L9 (SOHO)

C/2004 L9	2004 06 10.97645	05 15 53.4	+21 16 05	249
Geocentric position (AU)	+0.00369215	+0.00719936	+0.00377654	
C/2004 L9	2004 06 10.99312	05 15 54.9	+21 19 05	249
Geocentric position (AU)	+0.00368757	+0.00720049	+0.00377735	
C/2004 L9	2004 06 11.00423	05 15 57.4	+21 22 12	249
Geocentric position (AU)	+0.00368452	+0.00720125	+0.00377789	
C/2004 L9	2004 06 11.01812	05 15 54.1	+21 24 27	249
Geocentric position (AU)	+0.00368071	+0.00720219	+0.00377857	

C/2004 L9	2004 06 11.03479	05 16 01.9	+21 26 25	249
Geocentric position (AU)	+0.00367613	+0.00720332	+0.00377937	
C/2004 L9	2004 06 11.06051	05 16 03.8	+21 31 19	249
Geocentric position (AU)	+0.00366906	+0.00720506	+0.00378062	
C/2004 L9	2004 06 11.07646	05 16 04.9	+21 34 20	249
Geocentric position (AU)	+0.00366467	+0.00720614	+0.00378139	
C/2004 L9	2004 06 11.08757	05 16 02.7	+21 37 20	249
Geocentric position (AU)	+0.00366162	+0.00720689	+0.00378193	
C/2004 L9	2004 06 11.10146	05 16 04.3	+21 39 48	249
Geocentric position (AU)	+0.00365780	+0.00720783	+0.00378260	
C/2004 L9	2004 06 11.11813	05 16 06.9	+21 42 30	249
Geocentric position (AU)	+0.00365321	+0.00720895	+0.00378340	
C/2004 L9	2004 06 11.12923	05 16 09.6	+21 44 39	249
Geocentric position (AU)	+0.00365015	+0.00720970	+0.00378393	
C/2004 L9	2004 06 11.14312	05 16 12.4	+21 47 00	249
Geocentric position (AU)	+0.00364633	+0.00721064	+0.00378460	

C/2004 L10 (SOHO)

C/2004 L10	2004 06 13.67092	05 22 06.5	+23 15 33	249
Geocentric position (AU)	+0.00293197	+0.00736420	+0.00389583	
C/2004 L10	2004 06 13.68478	05 22 29.2	+23 17 02	249
Geocentric position (AU)	+0.00292795	+0.00736494	+0.00389638	
C/2004 L10	2004 06 13.70145	05 22 58.1	+23 18 22	249
Geocentric position (AU)	+0.00292313	+0.00736583	+0.00389704	
C/2004 L10	2004 06 13.71256	05 23 16.9	+23 19 19	249
Geocentric position (AU)	+0.00291991	+0.00736643	+0.00389748	
C/2004 L10	2004 06 13.72647	05 23 40.1	+23 20 24	249
Geocentric position (AU)	+0.00291588	+0.00736717	+0.00389802	
C/2004 L10	2004 06 13.75423	05 24 27.7	+23 22 44	249
Geocentric position (AU)	+0.00290784	+0.00736865	+0.00389912	
C/2004 L10	2004 06 13.76813	05 24 51.3	+23 23 53	249
Geocentric position (AU)	+0.00290381	+0.00736939	+0.00389966	
C/2004 L10	2004 06 14.08757	05 34 26.6	+23 44 39	249
Geocentric position (AU)	+0.00281098	+0.00738606	+0.00391201	
C/2004 L10	2004 06 14.10145	05 34 52.0	+23 45 18	249
Geocentric position (AU)	+0.00280693	+0.00738677	+0.00391253	
C/2004 L10	2004 06 14.11812	05 35 21.3	+23 46 08	249
Geocentric position (AU)	+0.00280208	+0.00738762	+0.00391317	
C/2004 L10	2004 06 14.12924	05 35 41.1	+23 46 32	249
Geocentric position (AU)	+0.00279883	+0.00738818	+0.00391359	
C/2004 L10	2004 06 14.14314	05 36 05.8	+23 47 11	249
Geocentric position (AU)	+0.00279478	+0.00738889	+0.00391411	
C/2004 L10	2004 06 14.15979	05 36 35.2	+23 47 51	249
Geocentric position (AU)	+0.00278992	+0.00738974	+0.00391474	
C/2004 L10	2004 06 14.17091	05 36 54.7	+23 48 20	249
Geocentric position (AU)	+0.00278668	+0.00739030	+0.00391516	
C/2004 L10	2004 06 14.18479	05 37 18.4	+23 48 55	249
Geocentric position (AU)	+0.00278263	+0.00739100	+0.00391569	
C/2004 L10	2004 06 14.21256	05 38 06.2	+23 50 02	249
Geocentric position (AU)	+0.00277452	+0.00739241	+0.00391673	

C/2004 L11 (SOHO)

C/2004 L11	2004 06 15.33756	05 30 55.3	+21 48 07	249
Geocentric position (AU)	+0.00244322	+0.00744516	+0.00395651	

C/2004 L11	2004 06	15.35145	05 31	00.7	+21 50 56	249
Geocentric position (AU)		+0.00243910		+0.00744576	+0.00395697	
C/2004 L11	2004 06	15.36812	05 31	04.9	+21 54 25	249
Geocentric position (AU)		+0.00243415		+0.00744648	+0.00395752	
C/2004 L11	2004 06	15.37923	05 31	09.8	+21 56 19	249
Geocentric position (AU)		+0.00243085		+0.00744696	+0.00395788	
C/2004 L11	2004 06	15.39312	05 31	13.7	+21 58 51	249
Geocentric position (AU)		+0.00242672		+0.00744756	+0.00395834	
C/2004 L11	2004 06	15.40979	05 31	20.9	+22 02 18	249
Geocentric position (AU)		+0.00242177		+0.00744827	+0.00395889	
C/2004 L11	2004 06	15.42090	05 31	23.9	+22 04 26	249
Geocentric position (AU)		+0.00241847		+0.00744874	+0.00395925	

C/2004 M1 (SOHO)

C/2004 M1	2004 06	18.03340	05 42	47.6	+21 31 43	249
Geocentric position (AU)		+0.00163004		+0.00753712	+0.00403034	
C/2004 M1	2004 06	18.04173	05 42	50.4	+21 33 08	249
Geocentric position (AU)		+0.00162750		+0.00753732	+0.00403052	
C/2004 M1	2004 06	18.05006	05 42	52.4	+21 34 36	249
Geocentric position (AU)		+0.00162495		+0.00753753	+0.00403070	
C/2004 M1	2004 06	18.05423	05 42	50.8	+21 35 30	249
Geocentric position (AU)		+0.00162369		+0.00753763	+0.00403079	
C/2004 M1	2004 06	18.05840	05 42	53.9	+21 36 07	249
Geocentric position (AU)		+0.00162240		+0.00753773	+0.00403088	
C/2004 M1	2004 06	18.06674	05 42	57.4	+21 37 29	249
Geocentric position (AU)		+0.00161985		+0.00753794	+0.00403105	
C/2004 M1	2004 06	18.07090	05 42	57.0	+21 39 25	249
Geocentric position (AU)		+0.00161859		+0.00753804	+0.00403114	
C/2004 M1	2004 06	18.07507	05 43	00.2	+21 38 49	249
Geocentric position (AU)		+0.00161730		+0.00753814	+0.00403123	
C/2004 M1	2004 06	18.08340	05 43	01.5	+21 40 25	249
Geocentric position (AU)		+0.00161476		+0.00753834	+0.00403141	
C/2004 M1	2004 06	18.09173	05 43	04.5	+21 41 49	249
Geocentric position (AU)		+0.00161221		+0.00753855	+0.00403159	
C/2004 M1	2004 06	18.09590	05 43	05.2	+21 43 10	249
Geocentric position (AU)		+0.00161095		+0.00753865	+0.00403167	
C/2004 M1	2004 06	18.10007	05 43	06.7	+21 43 25	249
Geocentric position (AU)		+0.00160966		+0.00753875	+0.00403176	
C/2004 M1	2004 06	18.10842	05 43	09.4	+21 44 51	249
Geocentric position (AU)		+0.00160711		+0.00753895	+0.00403194	
C/2004 M1	2004 06	18.11258	05 43	16.0	+21 46 14	249
Geocentric position (AU)		+0.00160584		+0.00753905	+0.00403203	
C/2004 M1	2004 06	18.11674	05 43	12.1	+21 46 27	249
Geocentric position (AU)		+0.00160456		+0.00753915	+0.00403212	
C/2004 M1	2004 06	18.12508	05 43	13.9	+21 47 52	249
Geocentric position (AU)		+0.00160201		+0.00753935	+0.00403229	
C/2004 M1	2004 06	18.13341	05 43	16.9	+21 49 29	249
Geocentric position (AU)		+0.00159946		+0.00753955	+0.00403247	
C/2004 M1	2004 06	18.14173	05 43	19.5	+21 50 59	249
Geocentric position (AU)		+0.00159692		+0.00753975	+0.00403264	
C/2004 M1	2004 06	18.15006	05 43	22.1	+21 52 31	249
Geocentric position (AU)		+0.00159437		+0.00753995	+0.00403282	

C/2004 M1	2004 06	18.15840	05 43	24.3	+21 54 10	249
Geocentric position (AU)		+0.00159182		+0.00754015	+0.00403299	
C/2004 M1	2004 06	18.16673	05 43	27.4	+21 55 43	249
Geocentric position (AU)		+0.00158927		+0.00754035	+0.00403317	
C/2004 M1	2004 06	18.17506	05 43	30.2	+21 57 26	249
Geocentric position (AU)		+0.00158672		+0.00754054	+0.00403334	
C/2004 M1	2004 06	18.18341	05 43	32.6	+21 58 56	249
Geocentric position (AU)		+0.00158417		+0.00754074	+0.00403351	
C/2004 M1	2004 06	18.19173	05 43	36.2	+22 00 37	249
Geocentric position (AU)		+0.00158162		+0.00754094	+0.00403369	
C/2004 M1	2004 06	18.20006	05 43	38.6	+22 02 17	249
Geocentric position (AU)		+0.00157907		+0.00754113	+0.00403386	
C/2004 M1	2004 06	18.20840	05 43	41.7	+22 03 58	249
Geocentric position (AU)		+0.00157652		+0.00754133	+0.00403403	
C/2004 M1	2004 06	18.21675	05 43	44.5	+22 05 38	249
Geocentric position (AU)		+0.00157396		+0.00754152	+0.00403421	
C/2004 M1	2004 06	18.22506	05 43	47.4	+22 07 21	249
Geocentric position (AU)		+0.00157142		+0.00754172	+0.00403438	
C/2004 M1	2004 06	18.23377	05 43	51.0	+22 09 09	249
Geocentric position (AU)		+0.00156875		+0.00754192	+0.00403456	
C/2004 M1	2004 06	18.24174	05 43	54.5	+22 10 46	249
Geocentric position (AU)		+0.00156631		+0.00754211	+0.00403472	
C/2004 M1	2004 06	18.25006	05 43	57.1	+22 12 25	249
Geocentric position (AU)		+0.00156376		+0.00754230	+0.00403489	
C/2004 M1	2004 06	18.25840	05 44	00.7	+22 14 23	249
Geocentric position (AU)		+0.00156121		+0.00754249	+0.00403506	
C/2004 M1	2004 06	18.26673	05 44	04.0	+22 16 06	249
Geocentric position (AU)		+0.00155866		+0.00754268	+0.00403523	
C/2004 M1	2004 06	18.27507	05 44	08.0	+22 17 56	249
Geocentric position (AU)		+0.00155611		+0.00754287	+0.00403540	
C/2004 M1	2004 06	18.28341	05 44	11.4	+22 19 54	249
Geocentric position (AU)		+0.00155355		+0.00754307	+0.00403557	
C/2004 M1	2004 06	18.29174	05 44	12.8	+22 21 01	249
Geocentric position (AU)		+0.00155100		+0.00754326	+0.00403574	
C/2004 M1	2004 06	18.30008	05 44	18.2	+22 23 32	249
Geocentric position (AU)		+0.00154845		+0.00754345	+0.00403591	

C/2004 M2 (SOHO)

C/2004 M2	2004 06	24.88758	06 09	04.6	+20 32 56	249
Geocentric position (AU)		-0.00048565		+0.00753922	+0.00407105	
C/2004 M2	2004 06	24.97100	06 09	26.7	+20 42 55	249
Geocentric position (AU)		-0.00051123		+0.00753728	+0.00407026	
C/2004 M2	2004 06	24.98757	06 09	33.8	+20 45 52	249
Geocentric position (AU)		-0.00051630		+0.00753689	+0.00407010	
C/2004 M2	2004 06	25.01256	06 09	49.2	+20 48 56	249
Geocentric position (AU)		-0.00052396		+0.00753630	+0.00406985	
C/2004 M2	2004 06	25.19590	06 10	46.5	+21 17 49	249
Geocentric position (AU)		-0.00058011		+0.00753183	+0.00406799	
C/2004 M2	2004 06	25.22090	06 10	57.5	+21 21 19	249
Geocentric position (AU)		-0.00058776		+0.00753120	+0.00406772	
C/2004 M2	2004 06	25.26256	06 11	15.5	+21 28 34	249
Geocentric position (AU)		-0.00060051		+0.00753015	+0.00406727	

C/2004 M2	2004 06 25.27923	06 11 22.6	+21 32 55	249
Geocentric position (AU)	-0.00060560	+0.00752972	+0.00406709	
C/2004 M2	2004 06 25.30425	06 11 32.3	+21 36 25	249
Geocentric position (AU)	-0.00061326	+0.00752908	+0.00406681	
C/2004 M2	2004 06 25.30840	06 11 33.4	+21 36 48	249
Geocentric position (AU)	-0.00061454	+0.00752898	+0.00406677	
C/2004 M2	2004 06 25.31673	06 11 37.1	+21 38 21	249
Geocentric position (AU)	-0.00061709	+0.00752876	+0.00406668	
C/2004 M2	2004 06 25.32090	06 11 39.6	+21 39 11	249
Geocentric position (AU)	-0.00061835	+0.00752866	+0.00406663	
C/2004 M2	2004 06 25.32508	06 11 40.7	+21 39 55	249
Geocentric position (AU)	-0.00061964	+0.00752855	+0.00406658	
C/2004 M2	2004 06 25.33340	06 11 44.5	+21 41 25	249
Geocentric position (AU)	-0.00062218	+0.00752833	+0.00406649	
C/2004 M2	2004 06 25.35840	06 11 55.8	+21 46 05	249
Geocentric position (AU)	-0.00062982	+0.00752769	+0.00406621	
C/2004 M2	2004 06 25.36258	06 12 01.9	+21 47 52	249
Geocentric position (AU)	-0.00063109	+0.00752758	+0.00406616	
C/2004 M2	2004 06 25.36675	06 11 59.9	+21 47 39	249
Geocentric position (AU)	-0.00063238	+0.00752747	+0.00406612	
C/2004 M2	2004 06 25.37506	06 12 03.9	+21 49 14	249
Geocentric position (AU)	-0.00063492	+0.00752725	+0.00406602	
C/2004 M2	2004 06 25.38340	06 12 07.8	+21 50 51	249
Geocentric position (AU)	-0.00063747	+0.00752703	+0.00406593	
C/2004 M2	2004 06 25.39175	06 12 11.9	+21 52 29	249
Geocentric position (AU)	-0.00064002	+0.00752682	+0.00406583	
C/2004 M2	2004 06 25.40006	06 12 16.0	+21 54 07	249
Geocentric position (AU)	-0.00064256	+0.00752660	+0.00406574	
C/2004 M2	2004 06 25.40840	06 12 20.3	+21 55 46	249
Geocentric position (AU)	-0.00064511	+0.00752638	+0.00406564	

C/2004 M3 (SOHO)

C/2004 M3	2004 06 26.39173	06 15 51.7	+21 39 42	249
Geocentric position (AU)	-0.00094449	+0.00749762	+0.00405240	
C/2004 M3	2004 06 26.40007	06 15 56.8	+21 40 47	249
Geocentric position (AU)	-0.00094702	+0.00749735	+0.00405227	
C/2004 M3	2004 06 26.40840	06 16 00.0	+21 42 23	249
Geocentric position (AU)	-0.00094954	+0.00749708	+0.00405214	
C/2004 M3	2004 06 26.43341	06 16 12.5	+21 47 04	249
Geocentric position (AU)	-0.00095713	+0.00749628	+0.00405175	
C/2004 M3	2004 06 26.44175	06 16 16.1	+21 48 45	249
Geocentric position (AU)	-0.00095965	+0.00749601	+0.00405162	
C/2004 M3	2004 06 26.45007	06 16 19.9	+21 50 23	249
Geocentric position (AU)	-0.00096217	+0.00749574	+0.00405149	
C/2004 M3	2004 06 26.45840	06 16 24.7	+21 51 55	249
Geocentric position (AU)	-0.00096470	+0.00749546	+0.00405136	
C/2004 M3	2004 06 26.46673	06 16 28.9	+21 53 43	249
Geocentric position (AU)	-0.00096723	+0.00749519	+0.00405123	
C/2004 M3	2004 06 26.47507	06 16 33.9	+21 55 16	249
Geocentric position (AU)	-0.00096975	+0.00749492	+0.00405110	
C/2004 M3	2004 06 26.49174	06 16 43.0	+21 58 40	249
Geocentric position (AU)	-0.00097480	+0.00749438	+0.00405083	

C/2004 M4 (SOHO)

C/2004 M4	2004 06 26.96674	06 17 33.9	+21 40 54	249
Geocentric position (AU)	-0.00111841	+0.00747819	+0.00404287	
C/2004 M4	2004 06 26.97100	06 17 36.0	+21 41 31	249
Geocentric position (AU)	-0.00111969	+0.00747804	+0.00404279	
C/2004 M4	2004 06 26.97506	06 17 38.1	+21 42 10	249
Geocentric position (AU)	-0.00112093	+0.00747790	+0.00404272	
C/2004 M4	2004 06 26.98341	06 17 43.6	+21 43 30	249
Geocentric position (AU)	-0.00112344	+0.00747760	+0.00404257	
C/2004 M4	2004 06 26.98756	06 17 45.7	+21 44 38	249
Geocentric position (AU)	-0.00112469	+0.00747745	+0.00404250	
C/2004 M4	2004 06 26.99173	06 17 46.3	+21 45 18	249
Geocentric position (AU)	-0.00112596	+0.00747730	+0.00404243	
C/2004 M4	2004 06 27.00840	06 17 55.0	+21 48 10	249
Geocentric position (AU)	-0.00113098	+0.00747671	+0.00404213	
C/2004 M4	2004 06 27.01256	06 17 58.2	+21 48 35	249
Geocentric position (AU)	-0.00113223	+0.00747656	+0.00404205	
C/2004 M4	2004 06 27.01673	06 17 59.3	+21 49 47	249
Geocentric position (AU)	-0.00113349	+0.00747641	+0.00404198	
C/2004 M4	2004 06 27.02506	06 18 03.9	+21 51 13	249
Geocentric position (AU)	-0.00113601	+0.00747612	+0.00404183	
C/2004 M4	2004 06 27.02923	06 18 07.2	+21 52 14	249
Geocentric position (AU)	-0.00113725	+0.00747597	+0.00404176	
C/2004 M4	2004 06 27.03340	06 18 08.6	+21 52 51	249
Geocentric position (AU)	-0.00113852	+0.00747582	+0.00404168	
C/2004 M4	2004 06 27.04173	06 18 13.0	+21 54 19	249
Geocentric position (AU)	-0.00114103	+0.00747552	+0.00404153	
C/2004 M4	2004 06 27.05007	06 18 16.8	+21 55 53	249
Geocentric position (AU)	-0.00114354	+0.00747522	+0.00404138	
C/2004 M4	2004 06 27.05841	06 18 22.8	+21 57 26	249
Geocentric position (AU)	-0.00114606	+0.00747492	+0.00404123	
C/2004 M4	2004 06 27.06673	06 18 27.1	+21 59 01	249
Geocentric position (AU)	-0.00114857	+0.00747462	+0.00404108	
C/2004 M4	2004 06 27.08340	06 18 36.7	+22 02 18	249
Geocentric position (AU)	-0.00115359	+0.00747402	+0.00404078	
C/2004 M4	2004 06 27.09174	06 18 41.5	+22 03 54	249
Geocentric position (AU)	-0.00115610	+0.00747372	+0.00404063	
C/2004 M4	2004 06 27.10006	06 18 46.8	+22 05 33	249
Geocentric position (AU)	-0.00115861	+0.00747342	+0.00404048	
C/2004 M4	2004 06 27.10840	06 18 51.7	+22 07 12	249
Geocentric position (AU)	-0.00116112	+0.00747312	+0.00404032	
C/2004 M4	2004 06 27.11673	06 18 57.3	+22 08 48	249
Geocentric position (AU)	-0.00116363	+0.00747282	+0.00404017	

C/2004 M5 (SOHO)

C/2004 M5	2004 06 27.55840	06 20 36.9	+21 45 27	249
Geocentric position (AU)	-0.00129642	+0.00745628	+0.00403174	
C/2004 M5	2004 06 27.56673	06 20 41.5	+21 46 45	249
Geocentric position (AU)	-0.00129891	+0.00745596	+0.00403158	
C/2004 M5	2004 06 27.57507	06 20 45.1	+21 48 24	249
Geocentric position (AU)	-0.00130142	+0.00745564	+0.00403141	
C/2004 M5	2004 06 27.58341	06 20 49.5	+21 49 56	249
Geocentric position (AU)	-0.00130392	+0.00745532	+0.00403124	

C/2004 M5	2004 06 27.59173	06 20 56.1	+21 51 36	249
Geocentric position (AU)	-0.00130641	+0.00745499	+0.00403108	
C/2004 M5	2004 06 27.60006	06 20 59.5	+21 53 15	249
Geocentric position (AU)	-0.00130891	+0.00745467	+0.00403091	
C/2004 M5	2004 06 27.60840	06 21 04.8	+21 54 56	249
Geocentric position (AU)	-0.00131141	+0.00745435	+0.00403074	
C/2004 M5	2004 06 27.61709	06 21 09.8	+21 56 40	249
Geocentric position (AU)	-0.00131402	+0.00745401	+0.00403057	
C/2004 M5	2004 06 27.62506	06 21 14.8	+21 58 38	249
Geocentric position (AU)	-0.00131641	+0.00745370	+0.00403041	
C/2004 M5	2004 06 27.63340	06 21 20.1	+22 00 16	249
Geocentric position (AU)	-0.00131890	+0.00745337	+0.00403024	

C/2004 M6 (SOHO)

C/2004 M6	2004 06 27.55840	06 20 36.6	+21 43 47	249
Geocentric position (AU)	-0.00129642	+0.00745628	+0.00403174	
C/2004 M6	2004 06 27.56673	06 20 40.7	+21 45 23	249
Geocentric position (AU)	-0.00129891	+0.00745596	+0.00403158	
C/2004 M6	2004 06 27.57507	06 20 44.8	+21 46 35	249
Geocentric position (AU)	-0.00130142	+0.00745564	+0.00403141	
C/2004 M6	2004 06 27.58341	06 20 49.2	+21 48 23	249
Geocentric position (AU)	-0.00130392	+0.00745532	+0.00403124	
C/2004 M6	2004 06 27.59173	06 20 56.1	+21 50 03	249
Geocentric position (AU)	-0.00130641	+0.00745499	+0.00403108	
C/2004 M6	2004 06 27.60006	06 20 58.9	+21 51 42	249
Geocentric position (AU)	-0.00130891	+0.00745467	+0.00403091	
C/2004 M6	2004 06 27.60840	06 21 03.6	+21 53 14	249
Geocentric position (AU)	-0.00131141	+0.00745435	+0.00403074	
C/2004 M6	2004 06 27.61709	06 21 09.4	+21 55 27	249
Geocentric position (AU)	-0.00131402	+0.00745401	+0.00403057	
C/2004 M6	2004 06 27.62506	06 21 14.2	+21 57 06	249
Geocentric position (AU)	-0.00131641	+0.00745370	+0.00403041	

C/2004 M7 (SOHO)

C/2004 M7	2004 06 27.88344	06 21 10.6	+21 53 53	249
Geocentric position (AU)	-0.00139377	+0.00744345	+0.00402508	
C/2004 M7	2004 06 27.89173	06 21 16.0	+21 55 24	249
Geocentric position (AU)	-0.00139625	+0.00744312	+0.00402490	
C/2004 M7	2004 06 27.90007	06 21 20.1	+21 56 54	249
Geocentric position (AU)	-0.00139874	+0.00744278	+0.00402472	
C/2004 M7	2004 06 27.90843	06 21 25.2	+21 58 37	249
Geocentric position (AU)	-0.00140124	+0.00744244	+0.00402455	
C/2004 M7	2004 06 27.94173	06 21 46.6	+22 05 14	249
Geocentric position (AU)	-0.00141119	+0.00744109	+0.00402384	
C/2004 M7	2004 06 27.96674	06 22 04.4	+22 10 02	249
Geocentric position (AU)	-0.00141866	+0.00744008	+0.00402331	
C/2004 M7	2004 06 27.97506	06 22 10.2	+22 11 50	249
Geocentric position (AU)	-0.00142115	+0.00743974	+0.00402313	
C/2004 M7	2004 06 27.98341	06 22 16.3	+22 13 39	249
Geocentric position (AU)	-0.00142364	+0.00743940	+0.00402295	
C/2004 M7	2004 06 27.99173	06 22 23.0	+22 15 26	249
Geocentric position (AU)	-0.00142613	+0.00743906	+0.00402277	

C/2004 N1 (SOHO)

C/2004 N1	2004 07 01.30006	06 34 59.9	+21 45 49	249
Geocentric position (AU)	-0.00239709	+0.00727819	+0.00393334	
C/2004 N1	2004 07 01.30842	06 35 04.8	+21 47 36	249
Geocentric position (AU)	-0.00239950	+0.00727772	+0.00393307	
C/2004 N1	2004 07 01.31674	06 35 12.2	+21 48 59	249
Geocentric position (AU)	-0.00240190	+0.00727726	+0.00393280	
C/2004 N1	2004 07 01.32507	06 35 17.8	+21 50 36	249
Geocentric position (AU)	-0.00240430	+0.00727679	+0.00393253	
C/2004 N1	2004 07 01.33340	06 35 22.8	+21 52 06	249
Geocentric position (AU)	-0.00240670	+0.00727633	+0.00393226	
C/2004 N1	2004 07 01.34173	06 35 29.5	+21 53 41	249
Geocentric position (AU)	-0.00240910	+0.00727586	+0.00393199	
C/2004 N1	2004 07 01.35007	06 35 34.8	+21 55 22	249
Geocentric position (AU)	-0.00241150	+0.00727540	+0.00393172	
C/2004 N1	2004 07 01.35840	06 35 40.8	+21 56 56	249
Geocentric position (AU)	-0.00241390	+0.00727493	+0.00393146	
C/2004 N1	2004 07 01.36675	06 35 47.7	+21 58 36	249
Geocentric position (AU)	-0.00241631	+0.00727446	+0.00393119	
C/2004 N1	2004 07 01.39191	06 36 07.2	+22 03 42	249
Geocentric position (AU)	-0.00242356	+0.00727305	+0.00393037	

C/2004 N2 (SOHO)

C/2004 N2	2004 07 01.82090	06 35 22.9	+20 29 31	249
Geocentric position (AU)	-0.00254683	+0.00724862	+0.00391618	
C/2004 N2	2004 07 01.84590	06 35 32.6	+20 33 03	249
Geocentric position (AU)	-0.00255400	+0.00724717	+0.00391534	
C/2004 N2	2004 07 01.86259	06 35 40.5	+20 35 34	249
Geocentric position (AU)	-0.00255878	+0.00724621	+0.00391477	
C/2004 N2	2004 07 01.88759	06 35 53.3	+20 39 04	249
Geocentric position (AU)	-0.00256595	+0.00724476	+0.00391393	
C/2004 N2	2004 07 01.90423	06 35 59.8	+20 41 27	249
Geocentric position (AU)	-0.00257072	+0.00724379	+0.00391336	
C/2004 N2	2004 07 01.92923	06 36 10.9	+20 45 15	249
Geocentric position (AU)	-0.00257788	+0.00724234	+0.00391251	
C/2004 N2	2004 07 01.97099	06 36 34.6	+20 51 32	249
Geocentric position (AU)	-0.00258983	+0.00723990	+0.00391109	
C/2004 N2	2004 07 01.98756	06 36 42.8	+20 53 25	249
Geocentric position (AU)	-0.00259458	+0.00723893	+0.00391053	
C/2004 N2	2004 07 02.01256	06 36 52.1	+20 57 35	249
Geocentric position (AU)	-0.00260173	+0.00723747	+0.00390967	
C/2004 N2	2004 07 02.02923	06 36 59.7	+21 00 03	249
Geocentric position (AU)	-0.00260650	+0.00723650	+0.00390910	
C/2004 N2	2004 07 02.05423	06 37 15.2	+21 03 50	249
Geocentric position (AU)	-0.00261366	+0.00723503	+0.00390824	
C/2004 N2	2004 07 02.07090	06 37 21.7	+21 06 31	249
Geocentric position (AU)	-0.00261842	+0.00723405	+0.00390767	
C/2004 N2	2004 07 02.09590	06 37 35.4	+21 10 13	249
Geocentric position (AU)	-0.00262557	+0.00723258	+0.00390681	
C/2004 N2	2004 07 02.11256	06 37 47.5	+21 12 58	249
Geocentric position (AU)	-0.00263034	+0.00723160	+0.00390623	
C/2004 N2	2004 07 02.13757	06 37 58.0	+21 17 27	249
Geocentric position (AU)	-0.00263749	+0.00723012	+0.00390537	

C/2004 N2	2004 07 02.15424	06 38 13.7	+21 19 35	249
Geocentric position (AU)	-0.00264225	+0.00722914	+0.00390479	
C/2004 N2	2004 07 02.17923	06 38 25.3	+21 24 44	249
Geocentric position (AU)	-0.00264939	+0.00722766	+0.00390393	
C/2004 N2	2004 07 02.19591	06 38 35.5	+21 27 02	249
Geocentric position (AU)	-0.00265416	+0.00722667	+0.00390335	
C/2004 N2	2004 07 02.20008	06 38 37.3	+21 28 30	249
Geocentric position (AU)	-0.00265536	+0.00722642	+0.00390320	
C/2004 N2	2004 07 02.20840	06 38 43.1	+21 30 06	249
Geocentric position (AU)	-0.00265773	+0.00722593	+0.00390291	
C/2004 N2	2004 07 02.21673	06 38 48.7	+21 31 45	249
Geocentric position (AU)	-0.00266011	+0.00722544	+0.00390262	
C/2004 N2	2004 07 02.22090	06 38 48.1	+21 32 14	249
Geocentric position (AU)	-0.00266129	+0.00722519	+0.00390248	
C/2004 N2	2004 07 02.22507	06 38 54.0	+21 33 24	249
Geocentric position (AU)	-0.00266250	+0.00722494	+0.00390233	
C/2004 N2	2004 07 02.23340	06 38 58.9	+21 34 57	249
Geocentric position (AU)	-0.00266487	+0.00722445	+0.00390204	
C/2004 N2	2004 07 02.23756	06 39 01.6	+21 35 51	249
Geocentric position (AU)	-0.00266605	+0.00722420	+0.00390190	
C/2004 N2	2004 07 02.24173	06 39 05.0	+21 36 28	249
Geocentric position (AU)	-0.00266725	+0.00722395	+0.00390175	
C/2004 N2	2004 07 02.25006	06 39 10.4	+21 38 10	249
Geocentric position (AU)	-0.00266963	+0.00722346	+0.00390146	
C/2004 N2	2004 07 02.25840	06 39 16.1	+21 39 39	249
Geocentric position (AU)	-0.00267201	+0.00722296	+0.00390117	
C/2004 N2	2004 07 02.26257	06 39 19.4	+21 40 17	249
Geocentric position (AU)	-0.00267319	+0.00722271	+0.00390102	
C/2004 N2	2004 07 02.26674	06 39 21.9	+21 41 22	249
Geocentric position (AU)	-0.00267439	+0.00722246	+0.00390088	
C/2004 N2	2004 07 02.27506	06 39 28.0	+21 42 54	249
Geocentric position (AU)	-0.00267677	+0.00722197	+0.00390059	
C/2004 N2	2004 07 02.28340	06 39 33.9	+21 44 37	249
Geocentric position (AU)	-0.00267915	+0.00722147	+0.00390029	
C/2004 N2	2004 07 02.29173	06 39 39.9	+21 46 25	249
Geocentric position (AU)	-0.00268152	+0.00722098	+0.00390000	
C/2004 N2	2004 07 02.30006	06 39 45.9	+21 47 56	249
Geocentric position (AU)	-0.00268390	+0.00722048	+0.00389971	
C/2004 N2	2004 07 02.30840	06 39 52.3	+21 49 41	249
Geocentric position (AU)	-0.00268628	+0.00721998	+0.00389942	
C/2004 N2	2004 07 02.31673	06 39 59.0	+21 51 14	249
Geocentric position (AU)	-0.00268866	+0.00721948	+0.00389913	
C/2004 N2	2004 07 02.32506	06 40 05.1	+21 53 04	249
Geocentric position (AU)	-0.00269103	+0.00721899	+0.00389883	
C/2004 N2	2004 07 02.33340	06 40 11.2	+21 54 50	249
Geocentric position (AU)	-0.00269341	+0.00721849	+0.00389854	
C/2004 N2	2004 07 02.34175	06 40 18.3	+21 56 38	249
Geocentric position (AU)	-0.00269579	+0.00721799	+0.00389825	
C/2004 N2	2004 07 02.35006	06 40 24.8	+21 58 26	249
Geocentric position (AU)	-0.00269816	+0.00721749	+0.00389796	
C/2004 N2	2004 07 02.35840	06 40 31.8	+22 00 18	249
Geocentric position (AU)	-0.00270054	+0.00721699	+0.00389766	

C/2004 N2	2004 07 02.36675	06 40 38.5	+22 02 14	249
Geocentric position (AU)	-0.00270292	+0.00721649	+0.00389737	
C/2004 N2	2004 07 02.37506	06 40 46.0	+22 03 59	249
Geocentric position (AU)	-0.00270529	+0.00721599	+0.00389707	

C/2004 N3 (SOHO)

C/2004 N3	2004 07 05.48756	06 47 31.9	+19 49 48	249
Geocentric position (AU)	-0.00357957	+0.00701075	+0.00377397	
C/2004 N3	2004 07 05.52923	06 47 47.7	+19 55 08	249
Geocentric position (AU)	-0.00359111	+0.00700774	+0.00377214	
C/2004 N3	2004 07 05.57090	06 48 07.9	+19 58 35	249
Geocentric position (AU)	-0.00360263	+0.00700473	+0.00377030	
C/2004 N3	2004 07 05.59590	06 48 24.1	+20 02 28	249
Geocentric position (AU)	-0.00360955	+0.00700292	+0.00376920	
C/2004 N3	2004 07 05.61256	06 48 30.6	+20 04 45	249
Geocentric position (AU)	-0.00361415	+0.00700171	+0.00376846	
C/2004 N3	2004 07 05.63756	06 48 47.0	+20 07 19	249
Geocentric position (AU)	-0.00362106	+0.00699989	+0.00376736	
C/2004 N3	2004 07 05.65423	06 48 51.5	+20 09 58	249
Geocentric position (AU)	-0.00362567	+0.00699868	+0.00376662	
C/2004 N3	2004 07 05.67923	06 49 04.5	+20 12 59	249
Geocentric position (AU)	-0.00363258	+0.00699686	+0.00376551	
C/2004 N3	2004 07 05.69590	06 49 11.6	+20 14 54	249
Geocentric position (AU)	-0.00363718	+0.00699565	+0.00376477	
C/2004 N3	2004 07 05.72090	06 49 26.2	+20 18 00	249
Geocentric position (AU)	-0.00364409	+0.00699382	+0.00376366	
C/2004 N3	2004 07 05.73757	06 49 34.1	+20 20 04	249
Geocentric position (AU)	-0.00364869	+0.00699261	+0.00376291	
C/2004 N3	2004 07 05.76256	06 49 47.9	+20 23 52	249
Geocentric position (AU)	-0.00365559	+0.00699078	+0.00376180	
C/2004 N3	2004 07 05.77924	06 49 55.5	+20 25 30	249
Geocentric position (AU)	-0.00366019	+0.00698956	+0.00376106	
C/2004 N3	2004 07 05.82090	06 50 18.6	+20 30 49	249
Geocentric position (AU)	-0.00367169	+0.00698650	+0.00375919	
C/2004 N3	2004 07 05.84590	06 50 32.5	+20 34 17	249
Geocentric position (AU)	-0.00367859	+0.00698467	+0.00375807	
C/2004 N3	2004 07 05.86256	06 50 41.1	+20 36 49	249
Geocentric position (AU)	-0.00368318	+0.00698344	+0.00375732	
C/2004 N3	2004 07 05.88771	06 50 56.1	+20 40 24	249
Geocentric position (AU)	-0.00369012	+0.00698159	+0.00375619	
C/2004 N3	2004 07 05.90423	06 51 05.7	+20 43 00	249
Geocentric position (AU)	-0.00369467	+0.00698037	+0.00375545	
C/2004 N3	2004 07 05.92923	06 51 19.8	+20 46 23	249
Geocentric position (AU)	-0.00370156	+0.00697853	+0.00375432	
C/2004 N3	2004 07 05.97099	06 51 44.9	+20 52 29	249
Geocentric position (AU)	-0.00371307	+0.00697544	+0.00375244	
C/2004 N3	2004 07 05.98756	06 51 56.3	+20 54 44	249
Geocentric position (AU)	-0.00371764	+0.00697421	+0.00375169	
C/2004 N3	2004 07 06.01258	06 52 13.5	+20 58 55	249
Geocentric position (AU)	-0.00372453	+0.00697236	+0.00375056	
C/2004 N3	2004 07 06.02923	06 52 23.4	+21 01 21	249
Geocentric position (AU)	-0.00372911	+0.00697112	+0.00374980	

C/2004 N3	2004 07 06.07090	06 52 51.0	+21 08 11	249
Geocentric position (AU)	-0.00374058	+0.00696802	+0.00374791	
C/2004 N3	2004 07 06.09590	06 53 08.1	+21 11 30	249
Geocentric position (AU)	-0.00374746	+0.00696616	+0.00374677	
C/2004 N3	2004 07 06.11256	06 53 16.1	+21 13 41	249
Geocentric position (AU)	-0.00375205	+0.00696492	+0.00374601	
C/2004 N3	2004 07 06.13756	06 53 38.1	+21 18 53	249
Geocentric position (AU)	-0.00375892	+0.00696305	+0.00374487	
C/2004 N3	2004 07 06.15423	06 53 49.7	+21 21 46	249
Geocentric position (AU)	-0.00376351	+0.00696180	+0.00374411	
C/2004 N3	2004 07 06.17923	06 54 08.5	+21 26 38	249
Geocentric position (AU)	-0.00377038	+0.00695993	+0.00374296	
C/2004 N3	2004 07 06.19590	06 54 19.9	+21 29 05	249
Geocentric position (AU)	-0.00377497	+0.00695868	+0.00374220	
C/2004 N3	2004 07 06.22092	06 54 43.3	+21 33 27	249
Geocentric position (AU)	-0.00378184	+0.00695681	+0.00374105	
C/2004 N3	2004 07 06.24590	06 55 05.3	+21 38 30	249
Geocentric position (AU)	-0.00378872	+0.00695493	+0.00373990	
C/2004 N3	2004 07 06.25423	06 55 12.7	+21 40 14	249
Geocentric position (AU)	-0.00379101	+0.00695430	+0.00373952	
C/2004 N3	2004 07 06.27090	06 55 28.3	+21 43 20	249
Geocentric position (AU)	-0.00379558	+0.00695305	+0.00373875	
C/2004 N3	2004 07 06.28756	06 55 44.1	+21 46 40	249
Geocentric position (AU)	-0.00380016	+0.00695179	+0.00373798	
C/2004 N3	2004 07 06.31369	06 56 09.5	+21 52 02	249
Geocentric position (AU)	-0.00380734	+0.00694982	+0.00373678	
C/2004 N3	2004 07 06.32924	06 56 26.1	+21 55 34	249
Geocentric position (AU)	-0.00381161	+0.00694865	+0.00373606	
C/2004 N3	2004 07 06.33756	06 56 35.4	+21 57 17	249
Geocentric position (AU)	-0.00381389	+0.00694802	+0.00373568	

C/2004 N4 (SOHO)

C/2004 N4	2004 07 07.32090	06 55 29.6	+20 25 26	249
Geocentric position (AU)	-0.00408247	+0.00687169	+0.00368883	
C/2004 N4	2004 07 07.34591	06 55 48.5	+20 29 25	249
Geocentric position (AU)	-0.00408927	+0.00686969	+0.00368760	
C/2004 N4	2004 07 07.36259	06 55 57.7	+20 32 10	249
Geocentric position (AU)	-0.00409380	+0.00686836	+0.00368678	
C/2004 N4	2004 07 07.38756	06 56 19.1	+20 36 25	249
Geocentric position (AU)	-0.00410058	+0.00686636	+0.00368555	
C/2004 N4	2004 07 07.40423	06 56 27.2	+20 39 11	249
Geocentric position (AU)	-0.00410511	+0.00686503	+0.00368473	
C/2004 N4	2004 07 07.43054	06 56 51.6	+20 44 10	249
Geocentric position (AU)	-0.00411225	+0.00686292	+0.00368343	
C/2004 N4	2004 07 07.47090	06 57 15.4	+20 49 19	249
Geocentric position (AU)	-0.00412320	+0.00685968	+0.00368144	
C/2004 N4	2004 07 07.48756	06 57 30.3	+20 54 07	249
Geocentric position (AU)	-0.00412772	+0.00685834	+0.00368061	
C/2004 N4	2004 07 07.51258	06 57 52.9	+20 58 47	249
Geocentric position (AU)	-0.00413451	+0.00685633	+0.00367937	
C/2004 N4	2004 07 07.52924	06 58 09.7	+21 01 10	249
Geocentric position (AU)	-0.00413902	+0.00685499	+0.00367854	

C/2004 N5 (SOHO)

C/2004 N5	2004 07 08.07090	06 58 45.2	+20 17 33	249
Geocentric position (AU)	-0.00428544	+0.00681068	+0.00365122	
C/2004 N5	2004 07 08.09591	06 58 55.9	+20 20 41	249
Geocentric position (AU)	-0.00429218	+0.00680860	+0.00364994	
C/2004 N5	2004 07 08.11257	06 59 05.9	+20 23 25	249
Geocentric position (AU)	-0.00429667	+0.00680722	+0.00364908	
C/2004 N5	2004 07 08.13756	06 59 22.2	+20 26 35	249
Geocentric position (AU)	-0.00430340	+0.00680514	+0.00364780	
C/2004 N5	2004 07 08.15423	06 59 31.6	+20 29 05	249
Geocentric position (AU)	-0.00430789	+0.00680375	+0.00364694	
C/2004 N5	2004 07 08.17923	06 59 47.0	+20 32 00	249
Geocentric position (AU)	-0.00431462	+0.00680166	+0.00364565	
C/2004 N5	2004 07 08.19590	06 59 53.3	+20 34 37	249
Geocentric position (AU)	-0.00431910	+0.00680027	+0.00364479	
C/2004 N5	2004 07 08.23756	07 00 26.5	+20 40 45	249
Geocentric position (AU)	-0.00433031	+0.00679679	+0.00364264	
C/2004 N5	2004 07 08.26256	07 00 42.3	+20 44 00	249
Geocentric position (AU)	-0.00433703	+0.00679469	+0.00364135	
C/2004 N5	2004 07 08.32090	07 01 22.6	+20 53 14	249
Geocentric position (AU)	-0.00435271	+0.00678980	+0.00363832	
C/2004 N5	2004 07 08.34590	07 01 44.7	+20 56 40	249
Geocentric position (AU)	-0.00435943	+0.00678769	+0.00363702	
C/2004 N5	2004 07 08.36257	07 01 52.4	+20 59 22	249
Geocentric position (AU)	-0.00436391	+0.00678629	+0.00363615	
C/2004 N5	2004 07 08.38784	07 02 13.4	+21 03 51	249
Geocentric position (AU)	-0.00437069	+0.00678416	+0.00363484	
C/2004 N5	2004 07 08.40423	07 02 24.0	+21 05 56	249
Geocentric position (AU)	-0.00437509	+0.00678278	+0.00363398	
C/2004 N5	2004 07 08.43054	07 02 47.8	+21 10 51	249
Geocentric position (AU)	-0.00438215	+0.00678055	+0.00363261	
C/2004 N5	2004 07 08.44590	07 03 02.9	+21 13 15	249
Geocentric position (AU)	-0.00438627	+0.00677925	+0.00363180	
C/2004 N5	2004 07 08.47092	07 03 20.4	+21 17 09	249
Geocentric position (AU)	-0.00439298	+0.00677713	+0.00363049	
C/2004 N5	2004 07 08.48756	07 03 36.0	+21 20 02	249
Geocentric position (AU)	-0.00439745	+0.00677572	+0.00362962	
C/2004 N5	2004 07 08.51258	07 03 57.3	+21 24 16	249
Geocentric position (AU)	-0.00440416	+0.00677360	+0.00362831	
C/2004 N5	2004 07 08.52925	07 04 14.4	+21 29 09	249
Geocentric position (AU)	-0.00440863	+0.00677218	+0.00362743	
C/2004 N5	2004 07 08.53757	07 04 22.7	+21 30 13	249
Geocentric position (AU)	-0.00441086	+0.00677147	+0.00362699	
C/2004 N5	2004 07 08.56372	07 04 53.9	+21 36 06	249
Geocentric position (AU)	-0.00441787	+0.00676925	+0.00362562	
C/2004 N5	2004 07 08.57923	07 05 07.5	+21 38 42	249
Geocentric position (AU)	-0.00442203	+0.00676793	+0.00362480	
C/2004 N5	2004 07 08.58756	07 05 15.9	+21 40 40	249
Geocentric position (AU)	-0.00442426	+0.00676722	+0.00362436	

C/2004 N6 (SOHO)

C/2004 N6	2004 07 09.26257	07 02 51.4	+20 40 56	249
Geocentric position (AU)	-0.00460428	+0.00670866	+0.00358810	

C/2004 N6	2004 07 09.34590	07 03 57.0	+20 52 41	249
Geocentric position (AU)	-0.00462639	+0.00670129	+0.00358353	
C/2004 N6	2004 07 09.38756	07 04 35.2	+21 00 17	249
Geocentric position (AU)	-0.00463744	+0.00669760	+0.00358123	
C/2004 N6	2004 07 09.40423	07 04 43.7	+21 01 40	249
Geocentric position (AU)	-0.00464186	+0.00669612	+0.00358032	
C/2004 N6	2004 07 09.43058	07 05 12.2	+21 07 02	249
Geocentric position (AU)	-0.00464884	+0.00669377	+0.00357886	
C/2004 N6	2004 07 09.44590	07 05 26.0	+21 08 56	249
Geocentric position (AU)	-0.00465290	+0.00669241	+0.00357802	
C/2004 N6	2004 07 09.47090	07 05 49.5	+21 13 54	249
Geocentric position (AU)	-0.00465952	+0.00669018	+0.00357663	

C/2004 O1 (SOHO)

C/2004 O1	2004 07 16.98757	07 24 23.9	+17 41 28	249
Geocentric position (AU)	-0.00652128	+0.00589881	+0.00308070	
C/2004 O1	2004 07 17.01256	07 24 36.0	+17 42 41	249
Geocentric position (AU)	-0.00652695	+0.00589581	+0.00307880	
C/2004 O1	2004 07 17.02924	07 24 47.9	+17 45 27	249
Geocentric position (AU)	-0.00653073	+0.00589381	+0.00307754	
C/2004 O1	2004 07 17.07090	07 25 09.7	+17 47 40	249
Geocentric position (AU)	-0.00654015	+0.00588880	+0.00307437	
C/2004 O1	2004 07 17.09592	07 25 24.1	+17 49 31	249
Geocentric position (AU)	-0.00654581	+0.00588580	+0.00307247	
C/2004 O1	2004 07 17.11256	07 25 33.8	+17 51 49	249
Geocentric position (AU)	-0.00654957	+0.00588379	+0.00307121	
C/2004 O1	2004 07 17.17929	07 26 09.5	+17 57 20	249
Geocentric position (AU)	-0.00656462	+0.00587576	+0.00306612	
C/2004 O1	2004 07 17.22100	07 26 30.1	+18 00 47	249
Geocentric position (AU)	-0.00657402	+0.00587073	+0.00306294	
C/2004 O1	2004 07 17.23757	07 26 40.9	+18 02 20	249
Geocentric position (AU)	-0.00657775	+0.00586873	+0.00306168	
C/2004 O1	2004 07 17.26256	07 26 55.5	+18 04 49	249
Geocentric position (AU)	-0.00658337	+0.00586572	+0.00305977	
C/2004 O1	2004 07 17.27924	07 27 03.3	+18 05 50	249
Geocentric position (AU)	-0.00658712	+0.00586370	+0.00305849	
C/2004 O1	2004 07 17.32091	07 27 28.4	+18 10 04	249
Geocentric position (AU)	-0.00659648	+0.00585866	+0.00305530	
C/2004 O1	2004 07 17.36256	07 27 51.0	+18 13 33	249
Geocentric position (AU)	-0.00660583	+0.00585362	+0.00305211	
C/2004 O1	2004 07 17.40475	07 28 20.7	+18 17 39	249
Geocentric position (AU)	-0.00661528	+0.00584851	+0.00304887	
C/2004 O1	2004 07 17.43310	07 28 36.7	+18 20 08	249
Geocentric position (AU)	-0.00662162	+0.00584507	+0.00304670	
C/2004 O1	2004 07 17.47098	07 28 57.8	+18 23 26	249
Geocentric position (AU)	-0.00663009	+0.00584048	+0.00304379	
C/2004 O1	2004 07 17.48757	07 29 09.6	+18 25 19	249
Geocentric position (AU)	-0.00663380	+0.00583846	+0.00304251	
C/2004 O1	2004 07 17.51257	07 29 23.7	+18 27 34	249
Geocentric position (AU)	-0.00663938	+0.00583542	+0.00304059	
C/2004 O1	2004 07 17.52923	07 29 34.7	+18 29 22	249
Geocentric position (AU)	-0.00664310	+0.00583340	+0.00303930	

C/2004 O1	2004 07 17.59590	07 30 19.6	+18 35 59	249
Geocentric position (AU)	-0.00665796	+0.00582528	+0.00303416	
C/2004 O1	2004 07 17.61256	07 30 28.8	+18 37 38	249
Geocentric position (AU)	-0.00666167	+0.00582325	+0.00303288	
C/2004 O1	2004 07 17.63773	07 30 44.6	+18 40 00	249
Geocentric position (AU)	-0.00666726	+0.00582018	+0.00303093	
C/2004 O1	2004 07 17.65423	07 30 57.5	+18 41 57	249
Geocentric position (AU)	-0.00667093	+0.00581817	+0.00302966	
C/2004 O1	2004 07 17.67923	07 31 14.3	+18 44 17	249
Geocentric position (AU)	-0.00667649	+0.00581512	+0.00302773	
C/2004 O1	2004 07 17.69590	07 31 25.6	+18 46 12	249
Geocentric position (AU)	-0.00668019	+0.00581309	+0.00302644	
C/2004 O1	2004 07 17.72090	07 31 42.8	+18 48 47	249
Geocentric position (AU)	-0.00668573	+0.00581003	+0.00302450	
C/2004 O1	2004 07 17.73757	07 31 55.2	+18 50 34	249
Geocentric position (AU)	-0.00668943	+0.00580800	+0.00302321	
C/2004 O1	2004 07 17.76257	07 32 11.3	+18 53 14	249
Geocentric position (AU)	-0.00669497	+0.00580494	+0.00302127	
C/2004 O1	2004 07 17.77923	07 32 22.9	+18 54 48	249
Geocentric position (AU)	-0.00669866	+0.00580290	+0.00301998	
C/2004 O1	2004 07 17.82090	07 32 54.3	+18 59 31	249
Geocentric position (AU)	-0.00670788	+0.00579780	+0.00301674	
C/2004 O1	2004 07 17.84591	07 33 12.5	+19 01 59	249
Geocentric position (AU)	-0.00671340	+0.00579473	+0.00301480	
C/2004 O1	2004 07 17.86256	07 33 24.9	+19 04 14	249
Geocentric position (AU)	-0.00671708	+0.00579269	+0.00301351	
C/2004 O1	2004 07 17.88787	07 33 43.6	+19 06 54	249
Geocentric position (AU)	-0.00672267	+0.00578959	+0.00301154	
C/2004 O1	2004 07 17.90425	07 33 57.5	+19 09 03	249
Geocentric position (AU)	-0.00672628	+0.00578758	+0.00301027	
C/2004 O1	2004 07 17.92924	07 34 16.4	+19 11 29	249
Geocentric position (AU)	-0.00673179	+0.00578451	+0.00300832	
C/2004 O1	2004 07 17.97099	07 34 48.6	+19 16 24	249
Geocentric position (AU)	-0.00674098	+0.00577938	+0.00300507	
C/2004 O1	2004 07 17.98758	07 35 01.5	+19 18 24	249
Geocentric position (AU)	-0.00674463	+0.00577734	+0.00300377	
C/2004 O1	2004 07 18.01256	07 35 22.6	+19 21 35	249
Geocentric position (AU)	-0.00675012	+0.00577427	+0.00300182	
C/2004 O1	2004 07 18.02923	07 35 36.0	+19 23 38	249
Geocentric position (AU)	-0.00675378	+0.00577221	+0.00300052	
C/2004 O1	2004 07 18.07127	07 36 11.7	+19 28 48	249
Geocentric position (AU)	-0.00676301	+0.00576704	+0.00299724	
C/2004 O1	2004 07 18.09590	07 36 32.8	+19 31 41	249
Geocentric position (AU)	-0.00676841	+0.00576400	+0.00299531	
C/2004 O1	2004 07 18.11256	07 36 47.4	+19 33 41	249
Geocentric position (AU)	-0.00677206	+0.00576195	+0.00299401	
C/2004 O1	2004 07 18.13756	07 37 11.9	+19 36 21	249
Geocentric position (AU)	-0.00677754	+0.00575886	+0.00299205	
C/2004 O1	2004 07 18.15425	07 37 25.1	+19 39 27	249
Geocentric position (AU)	-0.00678119	+0.00575680	+0.00299074	
C/2004 O1	2004 07 18.17923	07 37 44.7	+19 42 15	249
Geocentric position (AU)	-0.00678665	+0.00575372	+0.00298878	

C/2004 O1	2004 07 18.22098	07 38 26.4	+19 48 05	249
Geocentric position (AU)	-0.00679577	+0.00574856	+0.00298551	
C/2004 O1	2004 07 18.23757	07 38 45.4	+19 50 24	249
Geocentric position (AU)	-0.00679939	+0.00574650	+0.00298421	
C/2004 O1	2004 07 18.26256	07 39 10.0	+19 54 17	249
Geocentric position (AU)	-0.00680484	+0.00574341	+0.00298224	
C/2004 O1	2004 07 18.27924	07 39 26.3	+19 56 18	249
Geocentric position (AU)	-0.00680848	+0.00574135	+0.00298093	
C/2004 O1	2004 07 18.32090	07 40 11.9	+20 02 36	249
Geocentric position (AU)	-0.00681755	+0.00573619	+0.00297765	
C/2004 O1	2004 07 18.34590	07 40 39.9	+20 06 02	249
Geocentric position (AU)	-0.00682299	+0.00573309	+0.00297569	
C/2004 O1	2004 07 18.36256	07 40 59.1	+20 08 33	249
Geocentric position (AU)	-0.00682661	+0.00573102	+0.00297437	
C/2004 O1	2004 07 18.38778	07 41 28.5	+20 12 22	249
Geocentric position (AU)	-0.00683209	+0.00572789	+0.00297239	
C/2004 O1	2004 07 18.40423	07 41 48.8	+20 15 14	249
Geocentric position (AU)	-0.00683566	+0.00572585	+0.00297109	
C/2004 O1	2004 07 18.43309	07 42 24.0	+20 19 41	249
Geocentric position (AU)	-0.00684192	+0.00572226	+0.00296881	
C/2004 O1	2004 07 18.47098	07 43 15.4	+20 26 15	249
Geocentric position (AU)	-0.00685013	+0.00571755	+0.00296582	
C/2004 O1	2004 07 18.48757	07 43 39.0	+20 28 17	249
Geocentric position (AU)	-0.00685372	+0.00571549	+0.00296451	

C/2004 O2 (SOHO)

C/2004 O2	2004 07 17.63773	07 32 38.5	+18 33 29	249
Geocentric position (AU)	-0.00666726	+0.00582018	+0.00303093	
C/2004 O2	2004 07 17.65423	07 32 49.2	+18 35 11	249
Geocentric position (AU)	-0.00667093	+0.00581817	+0.00302966	
C/2004 O2	2004 07 17.69590	07 33 15.8	+18 40 12	249
Geocentric position (AU)	-0.00668019	+0.00581309	+0.00302644	
C/2004 O2	2004 07 17.72090	07 33 37.1	+18 43 19	249
Geocentric position (AU)	-0.00668573	+0.00581003	+0.00302450	
C/2004 O2	2004 07 17.73757	07 33 51.3	+18 45 04	249
Geocentric position (AU)	-0.00668943	+0.00580800	+0.00302321	
C/2004 O2	2004 07 17.76257	07 34 06.0	+18 48 07	249
Geocentric position (AU)	-0.00669497	+0.00580494	+0.00302127	
C/2004 O2	2004 07 17.77923	07 34 18.8	+18 49 47	249
Geocentric position (AU)	-0.00669866	+0.00580290	+0.00301998	
C/2004 O2	2004 07 17.82090	07 34 46.7	+18 55 22	249
Geocentric position (AU)	-0.00670788	+0.00579780	+0.00301674	
C/2004 O2	2004 07 17.84591	07 35 07.1	+18 57 28	249
Geocentric position (AU)	-0.00671340	+0.00579473	+0.00301480	
C/2004 O2	2004 07 17.86256	07 35 21.8	+19 00 04	249
Geocentric position (AU)	-0.00671708	+0.00579269	+0.00301351	
C/2004 O2	2004 07 17.88787	07 35 42.3	+19 03 19	249
Geocentric position (AU)	-0.00672267	+0.00578959	+0.00301154	
C/2004 O2	2004 07 17.90425	07 35 55.2	+19 05 54	249
Geocentric position (AU)	-0.00672628	+0.00578758	+0.00301027	
C/2004 O2	2004 07 17.92924	07 36 13.1	+19 08 58	249
Geocentric position (AU)	-0.00673179	+0.00578451	+0.00300832	

C/2004 O2	2004 07 17.97099	07 36 44.9	+19 14 07	249
Geocentric position (AU)	-0.00674098	+0.00577938	+0.00300507	
C/2004 O2	2004 07 17.98758	07 37 04.0	+19 16 40	249
Geocentric position (AU)	-0.00674463	+0.00577734	+0.00300377	
C/2004 O2	2004 07 18.01256	07 37 23.4	+19 20 19	249
Geocentric position (AU)	-0.00675012	+0.00577427	+0.00300182	
C/2004 O2	2004 07 18.02923	07 37 39.0	+19 22 32	249
Geocentric position (AU)	-0.00675378	+0.00577221	+0.00300052	
C/2004 O2	2004 07 18.07127	07 38 15.0	+19 28 11	249
Geocentric position (AU)	-0.00676301	+0.00576704	+0.00299724	
C/2004 O2	2004 07 18.09590	07 38 37.8	+19 32 16	249
Geocentric position (AU)	-0.00676841	+0.00576400	+0.00299531	
C/2004 O2	2004 07 18.11256	07 38 54.1	+19 34 18	249
Geocentric position (AU)	-0.00677206	+0.00576195	+0.00299401	
C/2004 O2	2004 07 18.13756	07 39 20.7	+19 38 05	249
Geocentric position (AU)	-0.00677754	+0.00575886	+0.00299205	
C/2004 O2	2004 07 18.15425	07 39 34.9	+19 40 48	249
Geocentric position (AU)	-0.00678119	+0.00575680	+0.00299074	
C/2004 O2	2004 07 18.17923	07 40 00.7	+19 44 59	249
Geocentric position (AU)	-0.00678665	+0.00575372	+0.00298878	
C/2004 O2	2004 07 18.22098	07 40 46.7	+19 51 30	249
Geocentric position (AU)	-0.00679577	+0.00574856	+0.00298551	
C/2004 O2	2004 07 18.23757	07 41 01.2	+19 53 48	249
Geocentric position (AU)	-0.00679939	+0.00574650	+0.00298421	
C/2004 O2	2004 07 18.26256	07 41 30.6	+19 58 32	249
Geocentric position (AU)	-0.00680484	+0.00574341	+0.00298224	
C/2004 O2	2004 07 18.27924	07 41 50.8	+20 01 27	249
Geocentric position (AU)	-0.00680848	+0.00574135	+0.00298093	

C/2004 O3 (SOHO)

C/2004 O3	2004 07 26.07090	08 07 34.6	+18 14 55	249
Geocentric position (AU)	-0.00827827	+0.00472842	+0.00232677	
C/2004 O3	2004 07 26.09590	08 07 54.3	+18 16 54	249
Geocentric position (AU)	-0.00828225	+0.00472514	+0.00232461	
C/2004 O3	2004 07 26.11257	08 08 12.2	+18 19 51	249
Geocentric position (AU)	-0.00828489	+0.00472296	+0.00232317	
C/2004 O3	2004 07 26.13756	08 08 40.0	+18 23 13	249
Geocentric position (AU)	-0.00828885	+0.00471969	+0.00232102	
C/2004 O3	2004 07 26.15423	08 08 57.5	+18 24 02	249
Geocentric position (AU)	-0.00829149	+0.00471751	+0.00231958	
C/2004 O3	2004 07 26.19590	08 09 44.4	+18 30 30	249
Geocentric position (AU)	-0.00829809	+0.00471206	+0.00231598	
C/2004 O3	2004 07 26.22090	08 10 18.1	+18 33 49	249
Geocentric position (AU)	-0.00830204	+0.00470879	+0.00231382	
C/2004 O3	2004 07 26.26257	08 11 10.4	+18 37 56	249
Geocentric position (AU)	-0.00830861	+0.00470335	+0.00231022	
C/2004 O3	2004 07 26.27923	08 11 28.2	+18 42 12	249
Geocentric position (AU)	-0.00831123	+0.00470117	+0.00230879	

C/2004 P1 (NEAT)

C/2004 P1	2004 08 05.32080	21 42 35.46	+12 44 16.6	19.9 T	644
C/2004 P1	2004 08 05.35127	21 42 34.72	+12 44 20.4	20.2 T	644
C/2004 P1	2004 08 05.37230	21 42 34.26	+12 44 21.0	20.2 T	644
C/2004 P1	2004 08 07.21794	21 41 53.27	+12 46 26.0	20.4 T	644

C/2004 P1	2004 08 07.24922	21 41 52.59	+12 46 27.0	20.4 T	644
C/2004 P1	2004 08 07.27008	21 41 52.12	+12 46 29.3	20.4 T	644
C/2004 P1	2004 08 07.89622	21 41 38.03	+12 47 06.1	20.5 N	J87
C/2004 P1	2004 08 07.91002	21 41 37.76	+12 47 07.0	20.5 N	J87
C/2004 P1	2004 08 07.91675	21 41 37.55	+12 47 08.3	18.8 T	246
C/2004 P1	2004 08 07.91984	21 41 37.47	+12 47 08.5		246
C/2004 P1	2004 08 07.92074	21 41 37.43	+12 47 08.6		246
C/2004 P1	2004 08 07.92157	21 41 37.43	+12 47 08.6		246
C/2004 P1	2004 08 07.92355	21 41 37.41	+12 47 08.9	18.7 T	246
C/2004 P1	2004 08 07.92466	21 41 37.52	+12 47 07.4	20.6 N	J87
C/2004 P1	2004 08 07.93266	21 41 37.22	+12 47 08.4		557
C/2004 P1	2004 08 07.93639	21 41 37.13	+12 47 08.1	19.5 T	J95
C/2004 P1	2004 08 07.94682	21 41 36.88	+12 47 08.2	19.5 T	J95
C/2004 P1	2004 08 07.96385	21 41 36.57	+12 47 10.2	20.3 T	J95
C/2004 P1	2004 08 07.97473	21 41 36.21	+12 47 11.0		557
C/2004 P1	2004 08 08.32195	21 41 28.38	+12 47 32.4	18.6 N	850
C/2004 P1	2004 08 08.36497	21 41 27.28	+12 47 34.2	19.9 N	850
C/2004 P1	2004 08 08.87744	21 41 16.07	+12 48 03.4		246
C/2004 P1	2004 08 08.87907	21 41 16.01	+12 48 04.1		246
C/2004 P1	2004 08 08.88093	21 41 15.94	+12 48 02.7		246
C/2004 P1	2004 08 08.88291	21 41 15.91	+12 48 02.3		246
C/2004 P1	2004 08 08.88579	21 41 15.84	+12 48 02.4		246
C/2004 P1	2004 08 08.88885	21 41 15.71	+12 48 03.6	20.3 N	151
C/2004 P1	2004 08 08.89166	21 41 15.66	+12 48 03.3	20.3 N	151
C/2004 P1	2004 08 09.25729	21 41 07.46	+12 48 23.6	19.0 T	673
C/2004 P1	2004 08 09.26088	21 41 07.37	+12 48 24.3		673
C/2004 P1	2004 08 09.28657	21 41 06.81	+12 48 24.9		673
C/2004 P1	2004 08 09.30278	21 41 06.43	+12 48 26.1		673
C/2004 P1	2004 08 09.31900	21 41 06.05	+12 48 26.8	19.4 T	644
C/2004 P1	2004 08 09.34006	21 41 05.56	+12 48 28.1	19.5 T	644
C/2004 P1	2004 08 09.36010	21 41 05.12	+12 48 28.9	19.7 T	644
C/2004 P1	2004 08 09.56981	21 41 00.38	+12 48 39.5		D74
C/2004 P1	2004 08 09.59363	21 40 59.79	+12 48 40.8		D74
C/2004 P1	2004 08 09.61308	21 40 59.35	+12 48 41.3	19.3 T	D74
C/2004 P1	2004 08 11.59410	21 40 14.66	+12 50 13.5	19.5 T	D74
C/2004 P1	2004 08 11.63437	21 40 13.65	+12 50 13.7	19.4 T	D74
C/2004 P1	2004 08 11.68340	21 40 12.59	+12 50 14.6		D74
C/2004 P1	2004 08 17.91114	21 37 50.83	+12 52 47.1	19.3 N	213
C/2004 P1	2004 08 17.92258	21 37 50.56	+12 52 47.2	19.3 N	213
C/2004 P1	2004 08 17.92582	21 37 50.47	+12 52 47.3	19.3 N	213
C/2004 P1	2004 08 20.12025	21 37 00.86	+12 52 57.0	19.6 N	850
C/2004 P1	2004 08 20.19735	21 36 58.93	+12 52 56.4	19.5 N	850
C/2004 P1	2004 08 21.94187	21 36 19.87	+12 52 47.0	20.1 T	170
C/2004 P1	2004 08 21.94522	21 36 19.83	+12 52 47.0	20.2 T	170
C/2004 P1	2004 08 21.95082	21 36 19.73	+12 52 47.0	20.0 T	170
C/2004 P1	2004 08 21.99654	21 36 18.66	+12 52 48.8		A02
C/2004 P1	2004 08 22.00112	21 36 18.57	+12 52 49.1		A02
C/2004 P1	2004 08 22.00600	21 36 18.38	+12 52 48.2		A02
C/2004 P1	2004 08 22.83315	21 35 59.93	+12 52 38.5	19.3 N	104
C/2004 P1	2004 08 22.84219	21 35 59.61	+12 52 37.6	19.7 N	104
C/2004 P1	2004 08 22.85356	21 35 59.54	+12 52 37.0	19.3 N	104

C/2004 Q1 (Tucker)									
C/2004 Q1	2004 08 22.45841	02 42 22.35	+01 51 45.4	14.8 T	683				
C/2004 Q1	2004 08 22.47181	02 42 22.33	+01 51 58.4	14.7 T	683				
C/2004 Q1	2004 08 22.48520	02 42 22.27	+01 52 11.7	14.8 T	683				
C/2004 Q1	2004 08 23.45566	02 42 20.76	+02 08 54.4	14.6 T	683				
C/2004 Q1	2004 08 23.46907	02 42 20.55	+02 09 09.6	14.6 T	683				
C/2004 Q1	2004 08 23.48245	02 42 20.28	+02 09 19.4	14.1 T	683				
C/2004 Q1	2004 08 24.43317	02 42 17.61	+02 25 54.2	15.6 T	G72				
C/2004 Q1	2004 08 24.43586	02 42 17.59	+02 25 57.0	15.5 T	G72				
C/2004 Q1	2004 08 24.43855	02 42 17.57	+02 25 59.7	15.7 T	G72				
C/2004 Q1	2004 08 24.44124	02 42 17.56	+02 26 02.5	15.4 T	G72				
C/2004 Q1	2004 08 24.44394	02 42 17.50	+02 26 05.9	16.2 T	G72				
C/2004 Q1	2004 08 24.44662	02 42 17.52	+02 26 08.1	15.5 T	G72				
C/2004 Q1	2004 08 24.44932	02 42 17.52	+02 26 11.5	15.9 T	G72				
C/2004 Q1	2004 08 24.45201	02 42 17.50	+02 26 14.1	15.5 T	G72				
C/2004 Q1	2004 08 24.45471	02 42 17.48	+02 26 17.1	15.5 T	G72				
C/2004 Q1	2004 08 24.45740	02 42 17.48	+02 26 19.8	15.5 T	G72				
C/2004 Q1	2004 08 24.81010	02 42 15.65	+02 32 37.0		413				
C/2004 Q1	2004 08 24.81172	02 42 15.64	+02 32 38.7		413				
C/2004 Q1	2004 08 24.81334	02 42 15.63	+02 32 40.5		413				
C/2004 Q1	2004 08 24.96551	02 42 15.07	+02 35 15.7	15.9 N	A50				
C/2004 Q1	2004 08 24.96624	02 42 15.00	+02 35 17.4	16.7 N	A50				
C/2004 Q1	2004 08 24.96698	02 42 15.00	+02 35 17.6	16.2 N	A50				
C/2004 Q1	2004 08 24.96771	02 42 15.03	+02 35 18.4	15.7 N	A50				
C/2004 Q1	2004 08 24.96845	02 42 15.05	+02 35 19.0	15.8 N	A50				
C/2004 Q1	2004 08 25.34630	02 42 12.90	+02 42 02.5	14.2 T	854				
C/2004 Q1	2004 08 25.35124	02 42 12.90	+02 42 07.7	14.1 T	854				
C/2004 Q1	2004 08 25.35483	02 42 12.84	+02 42 11.6	14.2 T	854				
C/2004 Q1	2004 08 25.42176	02 42 12.34	+02 43 22.6	15.3 T	H06				
C/2004 Q1	2004 08 25.42575	02 42 12.31	+02 43 27.0	15.3 T	H06				
C/2004 Q1	2004 08 25.43806	02 42 12.20	+02 43 40.1	15.4 T	H06				
C/2004 Q1	2004 08 25.46556	02 42 12.04	+02 44 09.9	15.4 T	G72				
C/2004 Q1	2004 08 25.46666	02 42 12.01	+02 44 10.8	15.4 T	G72				
C/2004 Q1	2004 08 25.46774	02 42 12.02	+02 44 12.1	15.3 T	G72				
C/2004 Q1	2004 08 25.46883	02 42 11.99	+02 44 13.2	15.4 T	G72				
C/2004 Q1	2004 08 25.46992	02 42 11.98	+02 44 14.2	15.4 T	G72				
C/2004 Q1	2004 08 25.47102	02 42 12.01	+02 44 15.6	15.4 T	G72				
C/2004 Q1	2004 08 25.47209	02 42 11.97	+02 44 16.5	15.3 T	G72				
C/2004 Q1	2004 08 25.47319	02 42 11.98	+02 44 17.9	15.3 T	G72				
C/2004 Q1	2004 08 25.47428	02 42 11.99	+02 44 18.9	15.3 T	G72				
C/2004 Q1	2004 08 25.47536	02 42 11.96	+02 44 19.9	15.3 T	G72				
C/2004 Q1	2004 08 25.47646	02 42 11.94	+02 44 21.1	15.2 T	G72				
C/2004 Q1	2004 08 25.47755	02 42 11.95	+02 44 22.3	15.2 T	G72				
C/2004 Q1	2004 08 25.47865	02 42 11.94	+02 44 23.5	15.3 T	G72				
C/2004 Q1	2004 08 25.47973	02 42 11.92	+02 44 24.7	15.4 T	G72				
C/2004 Q1	2004 08 25.48067	02 42 11.87	+02 44 25.7	15.1 T	683				
C/2004 Q1	2004 08 25.48082	02 42 11.93	+02 44 25.7	15.2 T	G72				
C/2004 Q1	2004 08 25.48192	02 42 11.91	+02 44 27.0	15.3 T	G72				
C/2004 Q1	2004 08 25.48301	02 42 11.91	+02 44 28.4	15.3 T	G72				
C/2004 Q1	2004 08 25.48410	02 42 11.89	+02 44 29.4	15.2 T	G72				
C/2004 Q1	2004 08 25.48520	02 42 11.88	+02 44 30.6	15.2 T	G72				
C/2004 Q1	2004 08 25.48608	02 42 11.83	+02 44 31.6	15.1 T	683				
C/2004 Q1	2004 08 25.49363	02 42 11.77	+02 44 39.4	15.1 T	683				

29P	2004 08 06.99422	00 30 50.98	+12 12 23.8	15.8 N	213	29P	2004 08 11.99793	00 30 02.57	+12 16 46.1	14.4 N	939
29P	2004 08 06.99854	00 30 51.03	+12 12 25.7	16.0 N	A54	29P	2004 08 12.00278	00 30 02.53	+12 16 46.1	14.4 N	939
29P	2004 08 07.01001	00 30 50.89	+12 12 24.2	16.1 N	A54	29P	2004 08 12.00760	00 30 02.49	+12 16 46.0	14.4 N	939
29P	2004 08 08.02000	00 30 42.31	+12 13 26.5		048	29P	2004 08 12.07356	00 30 01.66	+12 16 48.3	14.5 N	442
29P	2004 08 08.02174	00 30 42.28	+12 13 26.6		048	29P	2004 08 12.07427	00 30 01.65	+12 16 48.8	14.4 N	442
29P	2004 08 08.02259	00 30 42.27	+12 13 26.7		048	29P	2004 08 12.07462	00 30 01.62	+12 16 49.1	14.5 N	442
29P	2004 08 08.02520	00 30 42.25	+12 13 26.7		048	29P	2004 08 12.07577	00 30 01.64	+12 16 48.4	14.4 N	442
29P	2004 08 08.02781	00 30 42.24	+12 13 27.0		048	29P	2004 08 12.07617	00 30 01.62	+12 16 49.3	14.4 N	442
29P	2004 08 08.05647	00 30 41.98	+12 13 28.7	14.2 N	442	29P	2004 08 12.73456	00 29 54.05	+12 17 14.6	14.9 N	379
29P	2004 08 08.05699	00 30 41.98	+12 13 28.8	14.2 N	442	29P	2004 08 12.73605	00 29 54.06	+12 17 15.4	14.9 N	379
29P	2004 08 08.05822	00 30 41.96	+12 13 28.8	14.2 N	442	29P	2004 08 12.73755	00 29 54.04	+12 17 14.5	15.0 N	379
29P	2004 08 08.05869	00 30 41.96	+12 13 28.9	14.2 N	442	29P	2004 08 13.72824	00 29 42.18	+12 17 50.9	15.1 N	379
29P	2004 08 08.06491	00 30 41.91	+12 13 29.0	14.1 N	A02	29P	2004 08 13.72973	00 29 42.15	+12 17 50.7	15.0 N	379
29P	2004 08 08.06913	00 30 41.87	+12 13 29.4	14.0 N	A02	29P	2004 08 13.73272	00 29 42.12	+12 17 50.6	15.2 N	379
29P	2004 08 08.07336	00 30 41.83	+12 13 29.6	14.1 N	A02	29P	2004 08 13.95587	00 29 39.44	+12 17 57.7	14.9 N	213
29P	2004 08 08.73767	00 30 35.81	+12 14 07.8	14.3 N	379	29P	2004 08 13.95756	00 29 39.44	+12 17 57.5	14.8 N	213
29P	2004 08 08.73986	00 30 35.79	+12 14 07.7	14.5 N	379	29P	2004 08 13.99006	00 29 38.97	+12 18 00.3	14.7 N	J78
29P	2004 08 08.74205	00 30 35.79	+12 14 08.1	14.3 N	379	29P	2004 08 14.00426	00 29 38.81	+12 17 59.7	14.8 N	939
29P	2004 08 08.74424	00 30 35.76	+12 14 08.2	14.4 N	379	29P	2004 08 14.00771	00 29 38.79	+12 17 59.5	14.8 N	939
29P	2004 08 08.74642	00 30 35.75	+12 14 08.4	14.3 N	379	29P	2004 08 14.01115	00 29 38.75	+12 17 59.4	14.8 N	939
29P	2004 08 08.74861	00 30 35.74	+12 14 08.7	14.3 N	379	29P	2004 08 14.01634	00 29 38.61	+12 18 00.7	14.8 N	J78
29P	2004 08 08.99499	00 30 33.50	+12 14 21.6		048	29P	2004 08 14.01822	00 29 38.61	+12 18 00.5	14.7 N	J78
29P	2004 08 08.99551	00 30 33.48	+12 14 21.8		048	29P	2004 08 14.06649	00 29 37.99	+12 18 01.5	14.8 N	213
29P	2004 08 08.99603	00 30 33.46	+12 14 21.6		048	29P	2004 08 14.11760	00 29 37.34	+12 18 03.4	14.8 N	442
29P	2004 08 09.04664	00 30 32.97	+12 14 24.4	14.4 N	A33	29P	2004 08 14.11844	00 29 37.35	+12 18 03.1	14.8 N	442
29P	2004 08 09.05593	00 30 32.88	+12 14 24.9	14.4 N	A33	29P	2004 08 14.11968	00 29 37.35	+12 18 02.8	14.8 N	442
29P	2004 08 09.73534	00 30 26.34	+12 15 01.4	14.4 N	379	29P	2004 08 14.12082	00 29 37.30	+12 18 03.3	14.8 N	442
29P	2004 08 09.73683	00 30 26.29	+12 15 01.1	14.4 N	379	29P	2004 08 14.94829	00 29 26.85	+12 18 26.9	14.9 N	213
29P	2004 08 09.73832	00 30 26.31	+12 15 01.5	14.4 N	379	29P	2004 08 14.94913	00 29 26.83	+12 18 27.5	14.9 N	213
29P	2004 08 09.73981	00 30 26.27	+12 15 01.7	14.5 N	379	29P	2004 08 15.04480	00 29 25.58	+12 18 30.1	14.8 N	939
29P	2004 08 09.74429	00 30 26.22	+12 15 01.9	14.5 N	379	29P	2004 08 15.04962	00 29 25.50	+12 18 30.3	14.8 N	939
29P	2004 08 09.97383	00 30 24.04	+12 15 13.2	14.2 N	939	29P	2004 08 15.05443	00 29 25.42	+12 18 30.5	14.8 N	939
29P	2004 08 09.98346	00 30 23.94	+12 15 13.6	14.2 N	939	29P	2004 08 15.06585	00 29 25.32	+12 18 29.8	13.2 N	235
29P	2004 08 09.98863	00 30 23.89	+12 15 13.8	14.2 N	939	29P	2004 08 15.07774	00 29 25.14	+12 18 30.8	14.8 N	A01
29P	2004 08 10.08573	00 30 22.83	+12 15 18.8	14.6 N	A33	29P	2004 08 15.08167	00 29 25.06	+12 18 31.0	14.9 N	A01
29P	2004 08 10.09037	00 30 22.79	+12 15 18.9	14.5 N	A33	29P	2004 08 15.08558	00 29 25.06	+12 18 30.9	14.8 N	A01
29P	2004 08 10.96468	00 30 13.84	+12 16 00.3	14.1 N	J81	29P	2004 08 15.74940	00 29 16.17	+12 18 48.2	15.2 N	379
29P	2004 08 10.97983	00 30 13.67	+12 16 01.7	14.8 N	J81	29P	2004 08 15.75089	00 29 16.20	+12 18 48.8	15.0 N	379
29P	2004 08 10.99257	00 30 13.55	+12 16 02.2		048	29P	2004 08 15.75238	00 29 16.16	+12 18 48.4	15.1 N	379
29P	2004 08 10.99309	00 30 13.51	+12 16 02.2		048	29P	2004 08 15.75388	00 29 16.17	+12 18 48.9	15.4 N	379
29P	2004 08 11.00881	00 30 13.31	+12 16 02.7	14.9 N	J81	29P	2004 08 15.89787	00 29 14.23	+12 18 49.6	14.9 N	J76
29P	2004 08 11.05263	00 30 12.87	+12 16 04.5	14.4 N	445	29P	2004 08 15.89869	00 29 14.26	+12 18 51.1	15.0 N	J76
29P	2004 08 11.05714	00 30 12.80	+12 16 04.7	14.5 N	445	29P	2004 08 15.95395	00 29 13.46	+12 18 54.4	15.1 N	J78
29P	2004 08 11.06344	00 30 12.71	+12 16 05.0	14.5 N	445	29P	2004 08 15.95454	00 29 13.41	+12 18 54.5	15.1 N	J78
29P	2004 08 11.06883	00 30 12.68	+12 16 05.4	14.5 N	445	29P	2004 08 15.95552	00 29 13.39	+12 18 54.4	15.1 N	J78
29P	2004 08 11.14939	00 30 11.74	+12 16 08.3	14.4 N	442	29P	2004 08 15.96436	00 29 13.35	+12 18 53.0	15.0 N	J97
29P	2004 08 11.15002	00 30 11.78	+12 16 09.0	14.3 N	442	29P	2004 08 15.96713	00 29 13.25	+12 18 53.3	15.0 N	J97
29P	2004 08 11.15072	00 30 11.75	+12 16 08.9	14.3 N	442	29P	2004 08 15.96890	00 29 13.32	+12 18 54.1	15.0 N	J97
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29P	2004 08 11.78891	00 30 04.83	+12 16 36.8	14.9 N	379	29P	2004 08 15.98119	00 29 13.09	+12 18 54.0	14.9 N	213
29P	2004 08 11.79041	00 30 04.78	+12 16 37.3	14.9 N	379	29P	2004 08 15.98204	00 29 13.08	+12 18 53.8	15.0 N	213
29P	2004 08 11.79339	00 30 04.74	+12 16 37.7	14.9 N	379	29P	2004 08 16.03677	00 29 12.29	+12 18 54.8	14.9 N	A01

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29P	2004 08 16.95933	00 28 59.61	+12 19 12.1	14.9 T	A41	29P	2004 08 20.69123	00 28 02.62	+12 19 51.8		D83
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29P	2004 08 16.97875	00 28 59.22	+12 19 14.5	15.0 N	939	29P	2004 08 20.70417	00 28 02.40	+12 19 51.8		D83
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29P	2004 08 17.98112	00 28 44.73	+12 19 30.9	15.0 N	213	29P	2004 08 23.05596	00 27 22.62	+12 19 43.0	15.6 N	A32
29P	2004 08 17.98221	00 28 44.73	+12 19 30.8	15.1 N	213	29P	2004 08 23.06493	00 27 22.45	+12 19 42.7	15.6 N	A32
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29P	2004 08 18.99450	00 28 29.47	+12 19 41.9	15.0 N	J97	29P	2004 08 26.93903	00 26 10.80	+12 18 35.4	15.5 N	213
29P	2004 08 19.04620	00 28 28.72	+12 19 41.9	14.7 N	A02	29P	2004 08 26.94072	00 26 10.74	+12 18 35.1	15.5 N	213
29P	2004 08 19.05257	00 28 28.63	+12 19 42.7	14.8 N	A02	29P	2004 08 27.00308	00 26 09.51	+12 18 33.7	15.5 N	458
29P	2004 08 19.05470	00 28 28.60	+12 19 42.9	14.8 N	A02	29P	2004 08 27.00802	00 26 09.44	+12 18 33.6	15.4 N	458
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29P	2004 08 19.92475	00 28 15.01	+12 19 48.8	15.3 N	213	29P	2004 08 27.13413	00 26 06.73	+12 18 30.4	15.6 N	442
29P	2004 08 19.93634	00 28 14.86	+12 19 49.2	15.2 N	J78	29P	2004 08 27.13512	00 26 06.74	+12 18 29.4	15.6 N	442
29P	2004 08 19.93684	00 28 14.82	+12 19 49.5	15.1 N	939	29P	2004 08 27.13560	00 26 06.85	+12 18 28.4	15.6 N	442
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29P	2004 08 19.93914	00 28 14.81	+12 19 50.2	15.2 N	J78						
29P	2004 08 19.94163	00 28 14.76	+12 19 49.4	15.2 N	939	32P	2004 07 20.07739	02 32 43.82	+05 29 01.0	17.7 N	J87
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29P	2004 08 19.96661	00 28 14.31	+12 19 49.2	15.4 N	A32	32P	2004 07 21.07077	02 33 48.10	+05 33 51.5	18.8 N	J87
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29P	2004 08 20.02660	00 28 13.36	+12 19 47.8	15.0 T	A41	32P	2004 08 13.35963	02 56 39.94	+07 11 20.5	18.8 T	704
29P	2004 08 20.08218	00 28 12.42	+12 19 50.0	15.3 N	445	32P	2004 08 13.36993	02 56 40.46	+07 11 23.7	19.5 T	704
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48P	2004 07 28.09760	19 56 27.78	-22 05 13.0	15.3 N	859	48P	2004 08 17.94410	19 45 29.56	-25 05 27.3	15.7 N	J98
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48P	2004 08 13.56582	19 47 07.61	-24 31 57.7	15.0 T	360	49P	2004 06 24.40608	00 34 19.58	-10 19 01.0	20.9 N	I05
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48P	2004 08 13.90847	19 46 58.92	-24 34 40.5	15.5 N	939	49P	2004 08 11.76863	01 17 38.35	-14 05 46.0	17.8 T	D74
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						53P	2004 08 10.10148	01 06 18.94	+02 18 53.5	17.7 N	A33

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78P	2004 08 09.75148	02 28 41.59	+17 15 48.7	14.7 N	379	78P	2004 08 18.15839	02 40 58.63	+17 54 09.2	14.0 N	A02
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78P	2004 08 09.75596	02 28 41.96	+17 15 50.0	15.0 N	379	78P	2004 08 18.16475	02 40 59.15	+17 54 10.4	14.0 N	A02
78P	2004 08 09.75745	02 28 42.10	+17 15 50.3	14.6 N	379	78P	2004 08 18.99522	02 42 09.30	+17 57 24.7		A46
78P	2004 08 11.08310	02 30 41.58	+17 22 31.4		048	78P	2004 08 18.99618	02 42 09.38	+17 57 25.0		A46
78P	2004 08 11.08361	02 30 41.64	+17 22 31.5		048	78P	2004 08 18.99715	02 42 09.47	+17 57 25.3		A46
78P	2004 08 11.08413	02 30 41.70	+17 22 31.6		048	78P	2004 08 18.99894	02 42 09.63	+17 57 26.5	14.1 N	J97
78P	2004 08 11.08464	02 30 41.71	+17 22 32.0		048	78P	2004 08 18.99910	02 42 09.63	+17 57 25.6		A46
78P	2004 08 11.08568	02 30 41.85	+17 22 32.4		048	78P	2004 08 19.00006	02 42 09.70	+17 57 25.8		A46
78P	2004 08 11.38569	02 31 08.74	+17 24 01.8	19.0 T	704	78P	2004 08 19.00295	02 42 09.95	+17 57 26.6		A46
78P	2004 08 11.39590	02 31 09.61	+17 24 05.1	19.0 T	704	78P	2004 08 19.00316	02 42 09.97	+17 57 27.1	14.1 N	J97
78P	2004 08 11.40599	02 31 10.62	+17 24 07.9	19.0 T	704	78P	2004 08 19.12834	02 42 20.15	+17 57 55.8	14.0 N	A01
78P	2004 08 11.41716	02 31 11.56	+17 24 11.6	18.9 T	704	78P	2004 08 19.13185	02 42 20.58	+17 57 56.9	13.9 N	A02
78P	2004 08 11.42728	02 31 12.59	+17 24 15.0	15.8 T	704	78P	2004 08 19.13227	02 42 20.48	+17 57 56.7	14.1 N	A01
78P	2004 08 11.79595	02 31 45.44	+17 26 02.4	14.3 N	379	78P	2004 08 19.13608	02 42 20.89	+17 57 57.7	13.9 N	A02
78P	2004 08 11.80043	02 31 45.79	+17 26 03.9	14.4 N	379	78P	2004 08 19.13819	02 42 21.06	+17 57 58.2	13.9 N	A02
78P	2004 08 11.80192	02 31 45.97	+17 26 04.2	14.6 N	379	78P	2004 08 20.04742	02 43 36.88	+18 01 22.7	13.9 N	A32
78P	2004 08 12.74419	02 33 09.82	+17 30 35.0	14.4 N	379	78P	2004 08 20.05079	02 43 37.16	+18 01 23.4	13.9 N	A32
78P	2004 08 12.74867	02 33 10.25	+17 30 36.5	14.3 N	379	78P	2004 08 20.05416	02 43 37.45	+18 01 24.2	14.0 N	A32
78P	2004 08 12.75166	02 33 10.47	+17 30 37.7	14.3 N	379	78P	2004 08 20.11251	02 43 42.24	+18 01 37.8	14.2 N	445
78P	2004 08 13.74043	02 34 37.80	+17 35 14.3	14.3 N	379	78P	2004 08 20.12013	02 43 42.83	+18 01 39.5	14.2 N	445
78P	2004 08 13.74192	02 34 37.96	+17 35 14.6	14.6 N	379	78P	2004 08 20.12478	02 43 43.22	+18 01 40.6	14.2 N	445
78P	2004 08 14.06574	02 35 06.33	+17 36 42.9	14.0 N	939	78P	2004 08 20.13078	02 43 43.70	+18 01 42.0	14.2 N	445
78P	2004 08 14.07056	02 35 06.75	+17 36 44.3	14.0 N	939	78P	2004 08 21.08354	02 45 02.32	+18 05 08.3	13.9 N	939
78P	2004 08 14.07537	02 35 07.16	+17 36 45.6	14.0 N	939	78P	2004 08 21.08837	02 45 02.71	+18 05 09.4	13.9 N	939
78P	2004 08 15.06843	02 36 33.89	+17 41 12.7	13.9 N	939	78P	2004 08 21.09318	02 45 03.09	+18 05 10.4	13.9 N	939
78P	2004 08 15.06951	02 36 33.94	+17 41 12.5	13.7 N	235	78P	2004 08 21.13600	02 45 06.49	+18 05 19.3	13.9 N	A02
78P	2004 08 15.07324	02 36 34.33	+17 41 14.1	13.9 N	939	78P	2004 08 21.13712	02 45 06.59	+18 05 19.7	13.9 N	A02
78P	2004 08 15.07565	02 36 34.54	+17 41 14.8	13.9 N	939	78P	2004 08 21.13934	02 45 06.77	+18 05 20.1	13.9 N	A02
78P	2004 08 15.76220	02 37 34.02	+17 44 14.6	14.5 N	379	78P	2004 08 23.08749	02 47 44.76	+18 11 54.4	13.9 N	A32
78P	2004 08 15.76519	02 37 34.24	+17 44 15.7	14.5 N	379	78P	2004 08 23.09197	02 47 45.12	+18 11 55.2	13.9 N	A32
78P	2004 08 16.04271	02 37 58.25	+17 45 25.6		A46	78P	2004 08 23.09646	02 47 45.48	+18 11 56.2	14.0 N	A32
78P	2004 08 16.04465	02 37 58.42	+17 45 26.2		A46	78P	2004 08 24.32878	02 49 23.66	+18 15 49.0	14.2 N	H41
78P	2004 08 16.04562	02 37 58.50	+17 45 26.6		A46	78P	2004 08 24.33002	02 49 23.76	+18 15 49.3	14.1 N	H41
78P	2004 08 16.04756	02 37 58.65	+17 45 26.9		A46	78P	2004 08 24.33147	02 49 23.87	+18 15 49.6	10.4 T	H41
78P	2004 08 16.04852	02 37 58.75	+17 45 27.3		A46	78P	2004 08 24.33272	02 49 23.96	+18 15 49.7	10.5 T	H41
78P	2004 08 16.05045	02 37 58.91	+17 45 27.8		A46	78P	2004 08 26.34315	02 52 00.76	+18 21 38.5	14.1 N	H41

88P	2004 07 20.03720	02 10 27.33	+08 31 25.1		048	88P	2004 08 11.09072	02 35 44.15	+10 36 23.6		048
88P	2004 07 22.02064	02 13 17.01	+08 45 55.0		048	88P	2004 08 11.09159	02 35 44.21	+10 36 23.7		048
88P	2004 07 22.02289	02 13 17.18	+08 45 55.6		048	88P	2004 08 11.09331	02 35 44.24	+10 36 24.3		048
88P	2004 07 22.02365	02 13 17.22	+08 45 55.5		048	88P	2004 08 12.75685	02 37 02.96	+10 42 40.2	15.9 N	379
88P	2004 07 22.02440	02 13 17.35	+08 45 56.2		048	88P	2004 08 12.75984	02 37 03.07	+10 42 40.7	16.1 N	379
88P	2004 07 22.02590	02 13 17.41	+08 45 56.9		048	88P	2004 08 13.74917	02 37 47.29	+10 46 11.2	16.2 N	379
88P	2004 07 24.06561	02 16 04.45	+09 00 03.8	14.7 N	A54	88P	2004 08 13.75812	02 37 47.63	+10 46 12.7	15.8 N	379
88P	2004 07 24.06606	02 16 04.75	+09 00 04.4	14.7 N	A54	88P	2004 08 14.08102	02 38 01.64	+10 47 18.8	15.4 N	939
88P	2004 07 24.08891	02 16 07.35	+09 00 19.7	16.4 N	130	88P	2004 08 14.08586	02 38 01.80	+10 47 19.8	15.4 N	939
88P	2004 07 24.09266	02 16 07.70	+09 00 21.6	15.3 N	213	88P	2004 08 14.09066	02 38 01.98	+10 47 21.0	15.4 N	939
88P	2004 07 24.09508	02 16 07.82	+09 00 22.1	16.3 N	130	88P	2004 08 15.10247	02 38 44.37	+10 50 43.1	15.3 N	939
88P	2004 07 24.09574	02 16 07.90	+09 00 23.2	15.1 N	213	88P	2004 08 15.10727	02 38 44.54	+10 50 43.9	15.3 N	939
88P	2004 07 24.09728	02 16 08.03	+09 00 23.3	15.2 N	213	88P	2004 08 15.11208	02 38 44.72	+10 50 44.8	15.3 N	939
88P	2004 07 24.09836	02 16 08.13	+09 00 23.6	16.1 N	130	88P	2004 08 17.00834	02 39 58.50	+10 56 37.0	16.4 T	A41
88P	2004 07 24.10329	02 16 08.52	+09 00 25.4	16.2 N	130	88P	2004 08 17.01866	02 39 58.75	+10 56 36.2	17.4 T	A41
88P	2004 07 24.10391	02 16 08.57	+09 00 26.1	15.1 N	939	88P	2004 08 17.02917	02 39 58.99	+10 56 32.8	19.0 T	A41
88P	2004 07 24.10858	02 16 08.95	+09 00 28.6	15.1 N	939	88P	2004 08 17.13848	02 40 03.13	+10 56 59.1	15.2 N	A01
88P	2004 07 24.11324	02 16 09.31	+09 00 31.1	15.1 N	939	88P	2004 08 17.14241	02 40 03.27	+10 56 59.8	15.2 N	A01
88P	2004 07 25.13235	02 17 30.65	+09 07 19.7	15.1 N	A02	88P	2004 08 18.03723	02 40 35.41	+10 59 33.1	15.2 N	213
88P	2004 07 25.13657	02 17 31.03	+09 07 21.4	15.1 N	A02	88P	2004 08 18.03885	02 40 35.43	+10 59 33.5	15.3 N	213
88P	2004 07 25.14079	02 17 31.36	+09 07 23.0	15.2 N	A02	88P	2004 08 18.04144	02 40 35.56	+10 59 33.8	15.3 N	213
88P	2004 07 31.00918	02 24 46.79	+09 43 25.6		048	88P	2004 08 18.16854	02 40 39.75	+10 59 54.5	15.2 N	A02
88P	2004 07 31.01067	02 24 46.85	+09 43 26.1		048	88P	2004 08 18.17067	02 40 39.77	+10 59 55.0	15.2 N	A02
88P	2004 07 31.01218	02 24 46.97	+09 43 27.1		048	88P	2004 08 18.17279	02 40 39.85	+10 59 55.3	15.2 N	A02
88P	2004 07 31.01443	02 24 47.13	+09 43 27.6		048	88P	2004 08 19.14299	02 41 12.33	+11 02 31.5	15.0 N	A02
88P	2004 07 31.01519	02 24 47.23	+09 43 28.6		048	88P	2004 08 19.14936	02 41 12.58	+11 02 32.0	15.0 N	A02
88P	2004 07 31.14160	02 24 55.92	+09 44 12.1		170	88P	2004 08 19.15148	02 41 12.65	+11 02 32.5	15.0 N	A02
88P	2004 07 31.14623	02 24 56.23	+09 44 13.2		170	88P	2004 08 20.05693	02 41 41.10	+11 04 49.7	15.3 N	A32
88P	2004 08 02.00701	02 27 01.77	+09 54 26.6		048	88P	2004 08 20.06141	02 41 41.25	+11 04 50.6	15.3 N	A32
88P	2004 08 02.00777	02 27 01.87	+09 54 27.0		048	88P	2004 08 20.06590	02 41 41.39	+11 04 51.1	15.4 N	A32
88P	2004 08 02.01001	02 27 01.93	+09 54 27.4		048	88P	2004 08 20.12456	02 41 43.08	+11 05 00.1	15.1 N	A01
88P	2004 08 02.01076	02 27 01.97	+09 54 27.6		048	88P	2004 08 20.12848	02 41 43.21	+11 05 00.4	15.1 N	A01
88P	2004 08 02.01152	02 27 02.07	+09 54 27.9		048	88P	2004 08 20.12848	02 41 43.21	+11 05 00.4	15.1 N	A01
88P	2004 08 02.01302	02 27 02.14	+09 54 29.0		048	88P	2004 08 20.73228	02 42 01.20	+11 06 29.0		D83
88P	2004 08 04.02789	02 29 10.98	+10 04 55.2		048	88P	2004 08 20.73605	02 42 01.31	+11 06 29.5		D83
88P	2004 08 04.02865	02 29 11.09	+10 04 55.7		048	88P	2004 08 20.74488	02 42 01.56	+11 06 30.9		D83
88P	2004 08 04.02940	02 29 11.20	+10 04 56.0		048	88P	2004 08 20.74817	02 42 01.62	+11 06 31.4	14.8 T	D83
88P	2004 08 04.03015	02 29 11.22	+10 04 56.0		048	88P	2004 08 21.09750	02 42 11.67	+11 07 19.5	15.3 N	939
88P	2004 08 04.03315	02 29 11.44	+10 04 56.3		048	88P	2004 08 21.10229	02 42 11.79	+11 07 20.2	15.4 N	939
88P	2004 08 05.01078	02 30 11.36	+10 09 46.7		048	88P	2004 08 21.10711	02 42 11.91	+11 07 20.7	15.3 N	939
88P	2004 08 05.01153	02 30 11.46	+10 09 46.8		048	88P	2004 08 26.35191	02 44 09.84	+11 17 15.7	16.6 T	H41
88P	2004 08 05.01378	02 30 11.53	+10 09 48.0		048	88P	2004 08 26.35360	02 44 09.91	+11 17 15.5	16.6 T	H41
88P	2004 08 05.01603	02 30 11.68	+10 09 48.1		048	88P	2004 08 26.35516	02 44 09.93	+11 17 15.5	16.6 T	H41
88P	2004 08 05.01679	02 30 11.73	+10 09 48.8		048	88P	2004 08 26.35692	02 44 09.97	+11 17 15.7	16.6 T	H41
88P	2004 08 09.03353	02 33 59.50	+10 28 03.6		048	88P	2004 08 26.35817	02 44 09.96	+11 17 15.9	16.5 T	H41
88P	2004 08 09.03439	02 33 59.56	+10 28 03.9		048	88P	2004 08 29.04469	02 44 46.81	+11 20 42.2	15.8 N	213
88P	2004 08 09.03524	02 33 59.58	+10 28 04.4		048	88P	2004 08 29.04637	02 44 46.81	+11 20 42.1	16.0 N	213
88P	2004 08 09.03698	02 33 59.70	+10 28 04.6		048	88P	2004 08 29.04927	02 44 46.86	+11 20 42.6	15.9 N	213
88P	2004 08 09.04302	02 33 59.97	+10 28 05.1		048						
88P	2004 08 09.76152	02 34 37.43	+10 31 06.9	15.9 N	379						
88P	2004 08 09.76600	02 34 37.66	+10 31 07.3	15.8 N	379	117P	2004 07 19.36234	11 59 53.27	+06 26 10.7	18.6 N	415
88P	2004 08 09.76898	02 34 37.85	+10 31 07.9	15.8 N	379	117P	2004 07 19.36521	11 59 53.41	+06 26 09.3	17.7 N	415
88P	2004 08 11.08899	02 35 44.04	+10 36 23.6		048	117P	2004 07 19.36807	11 59 53.50	+06 26 08.2	18.1 N	415

117P/Helin-Roman-Alu

117P	2004 07 20.37436	12 00 40.34	+06 19 05.8	18.2 N	415
117P	2004 07 20.38140	12 00 40.70	+06 19 02.7	18.7 N	415

119P/Parker-Hartley

119P	2004 08 13.99961	01 27 50.30	+14 38 37.7	18.6 N	130
119P	2004 08 14.00767	01 27 50.40	+14 38 38.6	19.2 N	130
119P	2004 08 16.02378	01 28 11.81	+14 42 16.2	17.9 N	213
119P	2004 08 16.02763	01 28 11.86	+14 42 16.0	17.9 N	213
119P	2004 08 17.97763	01 28 28.43	+14 45 19.4		J76
119P	2004 08 17.97869	01 28 28.42	+14 45 20.0		J76
119P	2004 08 20.02658	01 28 41.34	+14 48 05.0	17.8 N	A32

123P/West-Hartley

123P	2004 07 12.41359	13 07 59.48	-05 07 47.1	16.8 T	E12
123P	2004 07 12.42383	13 08 00.06	-05 07 54.5	16.2 T	E12
123P	2004 07 12.43406	13 08 00.68	-05 08 00.5	16.6 T	E12
123P	2004 07 12.44428	13 08 01.12	-05 08 06.9	16.2 T	E12
123P	2004 07 15.44656	13 10 52.82	-05 40 22.5	19.1 N	415
123P	2004 07 15.44937	13 10 52.94	-05 40 24.0	18.7 N	415
123P	2004 07 15.45502	13 10 53.30	-05 40 28.2	18.4 N	415
123P	2004 07 19.40940	13 14 48.17	-06 22 50.6	19.0 N	415
123P	2004 07 19.41082	13 14 48.21	-06 22 52.1	18.9 N	415
123P	2004 07 19.41226	13 14 48.32	-06 22 53.2	18.4 N	415

130P/McNaught-Hughes

130P	2004 07 13.47690	17 37 24.32	-24 49 46.8	18.1 N	415
130P	2004 07 13.47976	17 37 24.24	-24 49 47.6	18.2 N	415
130P	2004 07 13.48260	17 37 24.11	-24 49 48.2	17.9 N	415
130P	2004 07 13.55231	17 37 21.74	-24 50 10.3	17.0 T	360
130P	2004 07 13.55706	17 37 21.52	-24 50 11.5		360
130P	2004 07 13.56182	17 37 21.36	-24 50 12.8		360
130P	2004 07 14.54434	17 36 49.11	-24 53 56.8	18.9 N	415
130P	2004 07 14.54576	17 36 49.03	-24 53 57.2	18.9 N	415
130P	2004 07 15.47112	17 36 20.09	-24 57 31.9	17.4 N	415
130P	2004 07 15.47395	17 36 20.00	-24 57 32.5	18.5 N	415
130P	2004 07 15.47678	17 36 19.90	-24 57 33.2	18.0 N	415
130P	2004 07 19.48749	17 34 30.04	-25 12 47.9	18.3 N	415
130P	2004 07 19.49101	17 34 29.96	-25 12 49.2	17.8 N	415
130P	2004 07 19.49451	17 34 29.87	-25 12 50.1	17.9 N	415
130P	2004 07 20.52772	17 34 06.02	-25 16 41.4	18.1 N	415
130P	2004 07 20.53053	17 34 05.97	-25 16 41.9	18.3 N	415
130P	2004 07 20.53334	17 34 05.93	-25 16 42.8	18.0 N	415
130P	2004 08 05.41248	17 32 22.20	-26 12 14.4	18.4 N	415
130P	2004 08 05.45128	17 32 22.53	-26 12 22.5	19.0 N	415
130P	2004 08 05.45661	17 32 22.53	-26 12 23.8	19.1 N	415
130P	2004 08 06.49529	17 32 33.62	-26 15 46.8	18.5 N	415
130P	2004 08 06.49707	17 32 33.65	-26 15 47.4	18.5 N	415
130P	2004 08 06.49884	17 32 33.65	-26 15 47.0	18.5 N	415
130P	2004 08 07.42041	17 32 45.70	-26 18 45.7	18.1 N	415
130P	2004 08 07.42322	17 32 45.73	-26 18 46.5	18.4 N	415
130P	2004 08 22.93634	17 40 28.68	-27 04 43.1	16.3 N	859
130P	2004 08 22.94894	17 40 29.13	-27 04 46.1	17.1 N	859
130P	2004 08 23.45976	17 40 52.49	-27 06 04.8	17.8 N	415

131P/Mueller

131P	2004 07 22.00496	00 40 31.80	+10 59 40.0	20.0 N	J87
131P	2004 07 22.01616	00 40 32.51	+10 59 44.2	19.6 N	J87
131P	2004 07 22.02738	00 40 32.95	+10 59 47.9	19.6 N	J87
131P	2004 07 24.04096	00 41 56.12	+11 09 03.9	20.5 T	461
131P	2004 07 24.04339	00 41 56.21	+11 09 04.2		461
131P	2004 07 24.04704	00 41 56.40	+11 09 05.8		461
131P	2004 07 24.07444	00 41 57.38	+11 09 12.8	19.1 N	J87
131P	2004 07 24.10483	00 41 58.54	+11 09 21.8	19.4 N	J87
131P	2004 07 24.13450	00 41 59.85	+11 09 31.2	19.6 N	J87
131P	2004 08 14.97512	00 52 12.49	+12 13 14.3		213
131P	2004 08 15.00225	00 52 12.84	+12 13 14.9		213
131P	2004 08 15.01130	00 52 12.97	+12 13 15.2	19.2 N	213

152P/Helin-Lawrence

152P	2004 06 24.72663	00 22 54.72	-08 20 58.5	19.1 T	E12
152P	2004 06 24.73795	00 22 54.92	-08 20 58.3	17.6 T	E12
152P	2004 06 24.74929	00 22 55.28	-08 20 57.5	18.5 T	E12
152P	2004 06 24.76065	00 22 55.47	-08 20 58.6	18.4 T	E12

Note 1: weak image.

OBSERVATIONS OF NATURAL SATELLITES

Observations are published here for the following observatory codes:

415 Kambah. Observer D. Herald. 0.36-m Schmidt-Cassegrain + CCD.
 568 Mauna Kea. Observers J.-M. Petit, C. Laerhoven. 3.5-m Canada-France-Hawaii Telescope + CCD.

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	Obs.
S/2002 N 1	2004 06 13.48950		21 09 35.33	-16 30 54.8		568
S/2002 N 1	2004 06 13.54843		21 09 35.11	-16 30 56.1		568
S/2002 N 1	2004 06 13.60585		21 09 34.94	-16 30 57.3		568
S/2002 N 2	2004 06 13.48950		21 11 01.08	-16 34 46.9		568
S/2002 N 2	2004 06 13.60585		21 11 00.68	-16 34 48.5		568
S/2002 N 4	2004 06 13.48950		21 12 21.27	-16 43 27.0		568
S/2002 N 4	2004 06 13.60585		21 12 20.90	-16 43 28.8		568
S/2003 N 1	2004 06 13.48950		21 11 13.28	-16 25 50.0		568
S/2003 N 1	2004 06 13.60585		21 11 12.87	-16 25 51.9		568
Neptune II	2004 08 06.51480		21 06 00.96	-16 40 40.5	19.1 V	415
Neptune II	2004 08 06.54427		21 06 00.78	-16 40 41.4	19.0 V	415
Neptune II	2004 08 06.55552		21 06 00.68	-16 40 42.0	19.2 V	415
Neptune II	2004 08 06.56959		21 06 00.62	-16 40 42.2	18.5 V	415
Neptune II	2004 08 15.52479		21 05 03.08	-16 44 55.5	19.2 V	415
Neptune II	2004 08 15.53597		21 05 03.02	-16 44 55.8	19.2 V	415
Neptune II	2004 08 15.54716		21 05 02.95	-16 44 56.3	19.2 V	415
Neptune II	2004 08 18.47242		21 04 44.43	-16 46 17.7	19.3 V	415
Neptune II	2004 08 18.49082		21 04 44.33	-16 46 18.1	19.3 V	415
Neptune II	2004 08 19.56583		21 04 37.58	-16 46 47.7	19.2 V	415
Neptune II	2004 08 19.57703		21 04 37.50	-16 46 48.0	19.0 V	415
Neptune II	2004 08 22.54942		21 04 19.02	-16 48 08.8	19.2 V	415
Neptune II	2004 08 22.55505		21 04 19.03	-16 48 09.3	19.0 V	415
Neptune II	2004 08 22.56068		21 04 18.99	-16 48 09.7	19.0 V	415
Neptune II	2004 08 24.47184		21 04 07.28	-16 49 00.8	19.2 V	415

Neptune II	2004 08 24.47443	21 04 07.28	-16 49 00.8	18.7 V	415
Neptune II	2004 08 24.47959	21 04 07.23	-16 49 01.0	18.6 V	415
Neptune II	2004 08 25.50108	21 04 01.08	-16 49 27.9	18.9 V	415
Neptune II	2004 08 25.50493	21 04 01.05	-16 49 28.4	19.4 V	415
Neptune II	2004 08 25.50880	21 04 01.01	-16 49 28.6	19.0 V	415

RADAR OBSERVATIONS

Doppler/delay observations are published here for the following transmission/reception (Tx/Rc) sites: 251 Arecibo. Observers L. A. M. Benner, M. C. Nolan, A. Hine. 253 Goldstone DSS 14, Fort Irwin. Observer S. J. Ostro.

Object	Date	UTC	Doppler/Hz	Delay/ μ s	MHz	B	Tx/Rc
1999 DJ ₄	2004 04 14	192400		65761431.4	\pm 4.0	2380	C 251/251
2000 JS ₆₆	2004 05 21	032700		101061179.29	\pm 1.00	2380	C 251/251
2001 US ₁₆	2004 04 29	032200	+	41214.574 \pm 0.100		36194545.1	\pm 1.0 2380 C 251/251
2001 US ₁₆	2004 04 28	030000	+	44360.470 \pm 0.200		37745971.83	\pm 1.00 2380 C 251/251
2003 YT ₁	2004 05 02	214400	-	133764.851 \pm 2.000		77993481.53	\pm 2.00 2380 C 251/251
2003 YT ₁	2004 05 01	234200				74474126.77	\pm 2.00 2380 C 251/251
2004 HX ₅₃	2004 05 01	030900	+	112813.463 \pm 0.200		48231678.64	\pm 1.00 2380 C 251/251
2004 HX ₅₃	2004 04 30	031000	+	120003.361 \pm 0.200		52463566.54	\pm 1.00 2380 C 251/251
2004 HX ₅₃	2004 04 30	020400	+	122085.243 \pm 2.000			2380 C 251/251
(25143)	2004 06 17	184000				34399954	\pm 10 8560 C 253/253

OBSERVATIONS OF PLUTO

Observations are published here for the following observatory codes:

- 204 Schiaparelli Observatory. Observer L. Buzzì. 0.60-m $f/3.34$ Newtonian reflector + CCD.
- 938 Linhacera. Observer R. Goncalves. 0.25-m $f/6.7$ Schmidt-Cassegrain + CCD.

	Date	UT	α_{2000}	δ_{2000}	Mag.	N	Obs.
Pluto	2004 07 12.89770		17 19 26.58	-14 16 01.2	13.8 R		938
Pluto	2004 08 03.89058		17 17 48.71	-14 20 47.7	13.9 R		938
Pluto	2004 08 14.83744		17 17 18.43	-14 24 01.7	13.8 R		204

OBSERVATIONS OF MINOR PLANETS

The summary lists, for each observatory code, the designation of each object observed (an asterisk signifying a new discovery), with three numbers indicating the number of observations, the number of different nights on which the object was observed and the arc (in days) covered by the observations; at the end of each observatory listing there is a count of the total number of observations, of the number of objects and of the number of discoveries followed by an asterisk, together with the total range of dates covered by the observations.

010 Caussols

E. W. Elst, Observatoire Royal de Belgique, Avenue Circulaire 3, B-1180 Brussels, Belgium [ericelst@ksb-orb.oma.be]

Observer C. Pollas
Measurer E. W. Elst

0.9-m Schmidt telescope

[26, 10, 0*, 1992/07/27-1996/02/16]

012 Uccle

E. W. Elst, Koninklijke Sterrenwacht van België, Ringlaan 3, B-1180 Brussels, Belgium [Eric.Elst@oma.be] (1)

T. Pauwels, Koninklijke Sterrenwacht van België, Ringlaan 3, B-1180 Brussels, Belgium [Thierry.Pauwels@oma.be] (2)

Observers P. De Cat, T. Pauwels, E. Elst, H. Debehogne

0.85-m $f/2.5$ Schmidt + CCD

GSC-1.2, Tycho-2

{1} [7, 3, 0*, 2002/02/15-2003/09/25]

{2} [246, 40, 3*, 2000/03/01-2004/07/07]

017 Hoher List

E. W. Elst, Koninklijke Sterrenwacht van België, Ringlaan 3, B-1180 Brussels, Belgium [Eric.Elst@oma.be]

Observers E. W. Elst, P. Van den Eijnde

1.0-m Cassegrain + CCD

USNO-A2.0, GSC

[31, 14, 0*, 2003/01/09-2004/05/20]

026 Berne-Zimmerwald

P. Wild, Astronomisches Institut der Universität, Sidlerstrasse 5, CH-3012 Berne, Switzerland [schildknecht@aiub.unibe.ch]

Observers M. Ploner, C. Mordasini, R. Musci, M. Prohaska, T. Schildknecht, E. Stoeveken

1.0-m $f/4$ reflector + CCD

USNO-B1.0

[21, 9, 0*, 2004/02/16-2004/04/25]

033 Tautenburg

F. Börngen, Thüringer Landessternwarte, Sternwarte 5, D-07778 Tautenburg, Germany [boerngen.jena@freenet.de]

1.3-m Schmidt telescope

PPM

[7, 2, 0*, 1989/04/07-1992/09/28]

046 Kletř

J. Tichá, Hvězdárna Kletř, Zátkovo nábřeží 4, CZ-37001 České Budějovice, Czech Republic [klet@klet.cz]

Observers M. Tichý, J. Tichá, Ž. Sovová, P. Jelínek, M. Kočer

0.57-m $f/5.2$ reflector + CCD

USNO-A2.0

[271, 26, 0*, 1995/09/24-2004/08/18]

048 Hradec Králové

M. Lehký, Severní 765, CZ-50003 Hradec Králové 3, Czech Republic

Observers M. Lehký, P. Horálek

0.40-m $f/5$ reflector + CCD, 0.42-m $f/2.7$ reflector + CCD

USNO-SA2.0

[140, 15, 0*, 2004/05/29-2004/08/11]

049 Uppsala-Kvistaberg

C.-I. Lagerkvist, Uppsala Astronomical Observatory, Box 515, S-751 20 Uppsala, Sweden [classe@astro.uu.se]

G. Hahn, DLR - Institute Space Sensor Technology and of Planetary Exploration, Rutherfordstrasse 2, D-12489 Berlin, Germany [Gerhard.Hahn@DLR.de]

Observers O. Karlsson, C.-I. Lagerkvist, T. Oja
 Measurers G. Hahn, O. Karlsson, C.-I. Lagerkvist, S. Mottola, J. Warell
 1.0-m Schmidt + CCD
 GSC, USNO-SA2.0
[397, 117, 7, 2001/10/23–2004/08/24]*

057 Belgrade

V. Protitch-Benishek, Astronomical Observatory, Volgina 7, YG-11050 Belgrade,
 Serbia and Montenegro [vprotic@aob.aob.bg.ac.yu]
 Observers V. Benishek, V. Protitch-Benishek, B. Benishek
 0.11-m $f/12$ visual astrograph + CCD
 GSC-1.1
[133, 29, 0, 2004/08/16–2004/08/23]*

071 Rhozen

V. Ivanova, Institute of Astronomy, 72 Tsarigradsko Schosse Blvd., BG-11784
 Sofia, Bulgaria [ivanova@astro.bas.bg] (1)
 E. W. Elst, Koninklijke Sterrenwacht van België, Ringlaan 3, B-1180 Brussels,
 Belgium [Eric.Elst@oma.be] (3)
 0.50-m/0.70-m Schmidt Telescope
 GSC-1.1
 {1} *[6, 4, 0*, 2004/03/18–2004/04/24]*
 {3} *[2, 1, 0*, 1988/01/19]*

072 Scheuren Observatory

N. Ehring, Stationenweg 54, D-53332 Bornheim, Germany [norbert.ehring@t-online.de]
 0.19-m $f/4$ astrograph + CCD
 GSC
[4, 2, 0, 1995/10/25–1995/11/25]*

084 Pulkovo

A. V. Devyatkin, Pulkovo Observatory, Russian Academy of Sciences, Pulkovskoe
 shosse 65, St. Petersburg 196140, Russia [adev@gao.spb.su]
 Observers A. V. Devyatkin, A. S. Bekhteva, D. L. Gorshanov, V. V. Kouprianov,
 E. Yu. Aleshkina, M. Yu. Sidorov
 Measurers A. V. Devyatkin, G. D. Baturina, A. S. Bekhteva
 0.32-m $f/3.2$ reflector + CCD
 USNO-B1.0
[311, 37, 0, 2004/04/16–2004/05/25]*

089 Nikolaev

A. V. Ivantsov, 1 Observatornaya vul., Nikolaev Astronomical Observatory, UA-
 54030 Mykolaiv, Ukraine [anatoly@mao.nikolaev.ua]
 Observers L. A. Gudkova, V. N. Pyshnenko, A. V. Ivantsov
 Measurers A. V. Ivantsov, Zh. A. Pozhalova
 0.12-m $f/17$ refractor + CCD
 UCAC-2
[177, 6, 0, 2003/02/03–2003/12/10]*

094 Simeis

Yu. N. Krugly, Astronomical Observatory, Kharkiv State University, Sumska Street
 35, Kharkiv 310022, Ukraine [krugly@astron.kharkov.ua]
 Observers S. Barabanov, S. Kruchkov, S. Nikolenko
 Measurers S. Barabanov, E. Bakanas, S. Bakanas

1.0-m $f/5.5$ reflector + CCD
 USNO-A2.0
[4, 1, 0, 2002/08/15–2002/08/16]*

097 Wise Observatory, Mitzpeh Ramon

E. Ofek, Wise Observatory, Tel-Aviv University, IL-69978 Tel-Aviv, Israel
Eran@wise.tau.ac.il
 Observers D. Polishook, A. Berwald
 1.0-m $f/7$ reflector + CCD
 USNO-A2.0
[993, 318, 8, 1998/07/26–2004/08/26]*

098 Asiago Observatory, Cima Ekar

U. Munari, Osservatorio Astronomico di Padova, Sede di Asiago, I-36012 Asiago
 (VI), Italy [munari@astras.pd.astro.it]
 Measurer G. Forti
 0.40-m Schmidt
 USNO-A2.0
[1, 1, 0, 1995/09/26]*

104 San Marcello Pistoiese

L. Tesi, Osservatorio di Pian dei Termini, Viale Panoramico 45, I-51028 San
 Marcello Pistoiese (PT), Italy [iau@arcetri.astro.it]
 Observers L. Tesi, A. Boattini, M. Tombelli, G. Fagioli
 Measurers G. Forti, L. Tesi, A. Boattini, M. Tombelli
 0.60-m $f/4$ reflector + CCD
 USNO-A2.0, USNO-SA2.0
[263, 71, 1, 1995/02/01–2004/08/23]*

106 Crni Vrh

H. Mikuž, Kersnikova 11, SI-61000 Ljubljana, Slovenia [herman.mikuz@uni-lj.si]
 Observers H. Mikuž, J. Skvarč
 0.60-m $f/3.3$ Deltagraph + CCD
 UCAC-2, USNO-A2.0
[511, 164, 2, 2003/09/21–2004/08/24]*

107 Cavezzo

M. Nicolini, via C. Battisti 48, I-41032 Carpi (MO), Italy [mmico@iol.it]
 Observers M. Nicolini, P. Negrelli
 0.4-m $f/5.5$ reflector + CCD
 USNO-B1.0
[11, 4, 0, 2004/08/18]*

108 Montelupo

M. Tombelli, Via Bozzeto 26, I-50056 Montelupo (Fi), Italy [iau@arcetri.astro.it]
 Observers M. Tombelli, A. Boattini, L. Tesi, C. Pampaloni, M. Gherardini,
 E. Masotti, G. Iacopini
 Measurers M. Tombelli, A. Boattini, L. Tesi, S. Bartolini, G. Forti, C. Pampaloni,
 E. Masotti
 0.30-m $f/5.7$ Schmidt-Cassegrain + CCD
 USNO-A2.0
[71, 15, 0, 2004/05/14–2004/08/15]*

113 Volkssternwarte Drebach, Schoenbrunn

G. Lehmann, Persterstrasse 6h, D-09430 Drebach, Germany
 [g.lehmann@abo.freiepresse.de]

Observers G. Lehmann, J. Kandler
 0.5-m $f/5$ reflector + CCD
 USNO-A2.0

[187, 35, 0*, 2004/05/19–2004/08/20]

118 Modra

A. Galád, AGO MFF UK, P.O. Box 4, SK-90001 Modra, Slovakia
 [ago@fmph.uniba.sk]

Observers J. Világi, L. Kornoš, Š. Gajdoš, A. Galád, J. Tóth, P. Zigo
 0.6-m $f/5.5$ reflector + CCD
 UCAC-2, USNO-SA2.0, USNO-A2.0

[252, 33, 1*, 2000/02/02–2004/08/25]

120 Višňjan

K. Korlević, Istarska 5, HR-51463 Višňjan, Croatia [korado@visnjan.hr]

0.41-m $f/4.3$ reflector + CCD
 USNO-B1.0

[9, 4, 0*, 1998/10/15–1999/02/06]

126 Monte Viseggi

P. Pietrapiana, via Stefano Clemente 22, I-10143 Torino, Italy
 [mc7316@mcmlink.it]

Observer L. Zannoni
 Measurers L. Zannoni, G. Scarfi
 0.40-m $f/6$ reflector + CCD
 GSC, USNO-SA1.0

[32, 7, 0*, 2004/06/16–2004/07/21]

127 Bornheim

N. Ehring, Stationenweg 54, D-53332 Bornheim, Germany [norbert.ehring@online.de]

0.30-m $f/3.2$ astrograph + CCD
 USNO-A2.0

[109, 12, 0*, 2004/05/21–2004/07/28]

130 Lumezzane

S. Foglia, F. Bisleri 11, I-20418 Milan, Italy [s.foglia@libero.it]

Observers C. Cremaschini, S. Foglia, W. Marinello, M. Micheli, G. Pizzetti,
 A. Soffiantini, S. Lonati, G. Galli, G. Peretto, S. Valentini, J. Abdalla
 Measurers C. Cremaschini, W. Marinello, M. Micheli, A. Soffiantini, G. Pizzetti,
 C. W. Marinello, S. Lonati, G. Galli, G. Peretto, S. Valentini, J. Abdalla

0.40-m $f/4.5$ reflector + CCD
 USNO-A2.0, UCAC-2

[113, 29, 0*, 2004/04/11–2004/08/25]

132 Bedoin

P. Antonini, 47 rue Guillaume Puy, F-84000 Avignon, France
 [Pierre.Antonini@wanadoo.fr]

0.30-m $f/3.3$ Schmidt-Cassegrain + CCD
 UCAC-2

[49, 16, 0*, 2004/05/14–2004/06/09]

138 Village-Neuf

C. Demeautis, 9 rue de Huningue, F-68300 Saint-Louis, France
 [Sky.walker@wanadoo.fr]

Observers C. Demeautis, D. Matter
 0.25-m $f/5.1$ reflector + CCD, 0.16-m $f/3.4$ reflector + CCD
 UCAC-2, USNO-A2.0

[24, 8, 0*, 2004/05/17–2004/07/13]

143 Gnosca

S. Sposetti, CH-6525 Gnosca, Switzerland [<stefanosposetti@freesurf.ch>]
 Observers S. Sposetti, C. Pontinelli

0.40-m $f/4$ reflector + CCD
 UCAC-2

[5, 2, 0*, 1999/11/28–2004/08/27]

145 's-Gravenwezel

T. Alderweireldt, Rozenlaan 14, B-2970 's-Gravenwezel, Belgium
 [Tom.Alderweireldt@ping.be]

0.20-m $f/5.1$ Schmidt-Cassegrain + CCD
 UCAC-2

[43, 8, 0*, 2004/08/08–2004/08/22]

151 Eschenberg Observatory, Winterthur

M. Griesser, Breitenstrasse 2, CH-8542 Wiesendangen, Switzerland
 [griesser@spectraweb.ch]

0.40-m $f/5.8$ Cassegrain + CCD
 USNO-B1.0, UCAC-2, USNO-A2.0

[608, 78, 0*, 2004/05/16–2004/08/28]

152 Moletai Astronomical Observatory

K. Černis, Institute of Theoretical Physics and Astronomy, Gostauto 12, LT-2000
 Vilnius, Lithuania [cernis@itpa.lt]

Observers K. Černis, J. Zdanavicius, K. Zdanavicius
 0.35-m $f/3.5$ reflector + CCD

USNO-A2.0

[198, 65, 1*, 2001/10/24–2004/04/20]

153 Stuttgart-Hoffeld

R. Stuber, Hoffeldstrasse 121, D-70597 Stuttgart, Germany [mail@rolfstuber.de]

0.25-m $f/7.2$ reflector + CCD
 USNO-A2.0

[16, 3, 0*, 2004/05/17–2004/07/30]

160 Castelmartini

E. Proserpi, Via Bartolini 127, I-51030 Castelmartini (PT), Italy
 0.25-m $f/7$ Schmidt-Cassegrain + CCD

UCAC-2, USNO-B1.0

[161, 11, 0*, 2004/06/09–2004/08/08]

163 Roeser Observatory, Luxembourg

M. Dawson, 66 Rue Boch, L-1244 Luxembourg, Luxembourg [dawson@pt.lu]

0.50-m $f/4$ Newtonian + CCD

UCAC-2
 [2, 1, 0*, 2004/08/26]

169 Airali Observatory

S. Puccini, Airali Observatory, Via Montegrappa 16, I-15030 Rosignano, Italy
[starfield@tin.it]

0.25-m $f/5$ Schmidt-Cassegrain + CCD
GSC-1.1

[7, 3, 0*, 2004/07/21–2004/08/01]

170 Observatorio de Begues

J. Manteca, c/Santpere, no. Casa 22, E-08859 Begues, Barcelona, Spain
[jmantecav@nexo.es]

0.36-m $f/6.3$ Schmidt-Cassegrain + CCD
UCAC-2, USNO-B1.0

[493, 125, 2*, 2004/05/08–2004/08/22]

174 Nyrölä Observatory, Jyväskylä

A. Oksanen, Verkkoniementie 30, SF-40950 Muurame, Finland
[arto.oksanen@jkl Sirius.fi]

Observers A. Oksanen, P. Tikkanen
0.40-m $f/5$ Schmidt-Cassegrain + CCD
USNO-A2.0

[3, 1, 0*, 2004/08/16]

175 F.-X. Bagnoud Observatory, St-Luc

R. Behrend, F.-X. Bagnoud Observatory, CH-3961 St-Luc, Switzerland
[raoul.behrend@obs.unige.ch]

Observers Y. Revaz, R. Behrend, F. Mallmann
0.60-m $f/3$ Newtonian reflector + CCD
UCAC-2

[6, 1, 0*, 2004/07/23]

176 Observatori Astronomic de Consell

À. López, Apartado de correos 122, E-07320 Santa Maria, Mallorca, Spain
[obsconsell@wanadoo.es]

Observers À. López, R. Pacheco, J. Forteza, R. Gonzalez
0.41-m $f/4$ reflector + CCD
USNO-A2.0, UCAC-2

[217, 44, 1*, 2004/05/14–2004/08/21]

184 Valmeica Observatory, Puimichel

C. Demeautis, 9 rue de Huningue, F-68300 Saint-Louis, France
[sky.walker@wanadoo.fr]

Observers C. Cavadore, C. Demeautis, D. Matter, C. Rinner
0.60-m $f/3.7$ reflector + CCD
USNO-A2.0, USNO-B1.0

[118, 36, 0*, 2004/03/15–2004/05/24]

185 Vicques

M. Ory, 30 Rue Beridier, CH-2800 Delemont, Switzerland [pivate@bluewin.ch]
Observers M. Ory, F. Comment, O. Chappuis, H. Lehmann, C. Lovis

0.61-m $f/3.88$ reflector + CCD
UCAC-2, USNO-B1.0

[1430, 406, 4*, 2004/03/22–2004/08/27]

196 Homburg-Erbach

W. Wiedemann, Hasenaeckerstr. 29, D-66424 Homburg, Germany
[Wolfgang.Wiedemann@t-online.de]

0.20-m $f/3.3$ Schmidt-Cassegrain + CCD
USNO-A2.0

[10, 4, 0*, 2004/05/17–2004/07/28]

198 Wildberg

R. Apitzsch, Schwarzwaldstrasse 17-2, D-72218 Wildberg, Germany
[rolfapitzsch@astro-wildberg.com]

0.24-m $f/4.1$ Schmidt-Cassegrain + CCD
USNO-B1.0, UCAC-2

[454, 59, 0*, 2004/05/16–2004/08/28]

201 Jonathan B. Postel Observatory

V. Pozzoli, V. le Morandi 21, I-20010 Bareggio, Italy [vpozzoli@inwind.it]
0.40-m $f/9$ Cassegrain + CCD
UCAC-2

[3, 1, 0*, 2004/02/17]

203 GiaGa Observatory

G. Galli, via Mozart 4, Pogliano Milanese (MI), Italy [gllgianni@tiscalinet.it]
0.13-m $f/6.4$ refractor + CCD
UCAC-2

[134, 22, 0*, 2004/02/08–2004/07/29]

204 Schiaparelli Observatory

F. Bellini, via A. del Sarto 3, I-21100 Varese, Italy [astrogeo@astrogeo.va.it]
Observer L. Buzzi

0.60-m Newtonian + CCD
UCAC-2, USNO-B1.0, USNO-A2.0

[29, 8, 0*, 2004/05/10–2004/08/21]

209 Asiago Observatory, Cima Ekar-ADAS

C. Barbieri, Astronomical Observatory and Dept. of Astronomy of the
University of Padova, Vicolo Osservatorio 5, I-35122 Padova, Italy
[barbieri@pd.astro.it]

G. Hahn, DLR-Institute of Space Sensor Technology and Planetary Exploration
Rutherfordstrasse 2, D-12489 Berlin, Germany [Gerhard.Hahn@DLR.de]

Observers C. Barbieri, G. Pignata, S. Magrin, I. Bertini
Measurers G. Pignata, S. Magrin, G. Hahn, M. Hoffmann, S. Mottola

0.67-m $f/1.4$ Schmidt + CCD
GSC-1.1, USNO-SA2.0

[67, 22, 0*, 2001/02/01–2003/03/04]

213 Observatorio Montcabre

R. Naves N., c/o J. Balmes, no. 24 Cabrils, E-08348 Barcelona, Spain
[rnaves@eresmas.com]

Observer R. Naves
Measurer M. Campas

0.30-m Schmidt-Cassegrain + CCD
UCAC-2, USNO-A2.0, USNO-B1.0

[11, 7, 0*, 2004/05/18–2004/08/15]

215 Buchloe

W. Hasubick, Fischerweg 24, D-86807 Buchloe, Germany [werner.hasubick@t-online.de]

0.44-m $f/4.6$ reflector + CCD
UCAC-2, USNO-A2.0

[41, 7, 0*, 2004/05/17-2004/07/17]

222 Yerres-Canotiers

J. B. de Vanssay, 30 Rue Marceau Baillot, F-91330 Yerres, France [jbdv@club-internet.fr]

0.28-m $f/4.9$ reflector + CCD
USNO-SA2.0

[20, 1, 0*, 2004/02/12-2004/02/13]

224 Ottmarsheim

C. Rinner, 5 rue du lievre, F-68490 Ottmarsheim, France [rinnerc@wanadoo.fr]
Observer C. Rinner

Measurers C. Rinner, C. Demeautis
0.4-m reflector + CCD
USNO-B1.0

[239, 78, 0*, 2003/09/25-2004/08/16]

225 Northwood Ridge Observatory

J. A. Blackwell, Northwood Ridge Observatory, 32 Temperance Hill Drive,
Northwood, NH 03261, U.S.A. [johnb@regulusastro.com]

0.21-m $f/3.9$ Newtonian + CCD
USNO-A2.0

[5, 1, 0*, 2004/04/29-2004/05/08]

233 San Vito

S. Donati, Sauro Donati Astronomical Observatory, San Vito, Lucca, Italy
[saurdon@tin.it]

0.25-m $f/6.3$ Schmidt-Cassegrain + CCD
USNO-A1.0

[17, 4, 0*, 2004/07/06-2004/08/10]

240 Herrenberg

H. Michels, Enstr. 10, D-71083 Herrenberg, Germany [Helmut@sternwarte-herrenberg.de]

0.40-m $f/5$ Newtonian + CCD
USNO-B1.0, UCAC-2

[778, 96, 0*, 2004/05/10-2004/08/28]

245 Spitzer Space Telescope

V. S. Meadows, no details supplied [vsm@ipac.caltech.edu]

[62, 11, 0*, 2004/01/21]

246 Kleť Observatory-KLENOT

J. Tichá, Hvězdárna Kleť, Zátokovo nábřeží 4, CZ-37001 České Budějovice, Czech
Republic [klet@klet.cz]

Observers M. Kočer, M. Tichý, J. Tichá
1.06-m KLENOT Telescope + CCD
USNO-A2.0

[1755, 213, 6*, 2002/09/14-2004/08/24]

250 Hubble Space Telescope

S. Marchi, Astronomical Observatory and Dept. of Astronomy of the University of
Padova, Vicolo Osservatorio 5, I-35122 Padova, Italy [marchi@pd.astro.it]

Measurers S. Marchi, Y. Momany, L. R. Bedin
2.4-m reflector + CCD
GSC

[16, 2, 0*, 2001/08/09-2001/11/16]

260 Siding Spring-DSS

A. Gnädig, c/o Archenhold-Sternwarte, Alt-Treptow 1, D-12435 Berlin, Germany
[gnadig@mind.de] (1)

A. Lowe, 1412 70 Avenue SW, Calgary, AB T2V 0R3, Canada
[andrew.lowe@encana.com] (4)

E. Colombini, Via Manfredini 26, I-41043 Formigine (MO) Italy
[ermes.colombini@tin.it] (5)

S. F. Hönl, Jahnstrasse 38, D-69221 Dossenheim, Germany [Sfhoenig@aol.com]
(14)

R. Matson, 8 Merano Ct., Newport Coast, CA 92657, U.S.A. [matsonr@saic.com]
(15)

G. Forti, Osservatorio Astrofisico di Arcetri, Largo E. Fermi 5, I-50125 Florence,
Italy [forti@arcetri.astro.it] (18)

Measurers A. Lowe, G. Forti, R. Haver, A. Pelloni, R. Matson, R. Stoss, S. Hönl,
E. Colombini, K. Sárneczky

1.2-m Schmidt
USNO-A2.0, USNO-B1.0, UCAC-2, USNO-SA1.0

{14} [4, 1, 0*, 1977/08/21-1977/10/06]

{15} [5, 3, 0*, 1984/03/29-1991/09/06]

{18} [8, 4, 0*, 1982/09/24-1996/09/08]

{1} [15, 6, 0*, 1976/05/30-1997/05/13]

{4} [41, 17, 1*, 1974/06/20-1993/05/20]

{5} [44, 21, 0*, 1976/05/27-1996/09/06]

261 Palomar-DSS

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[gnadig@mind.de] (1)

A. Lowe, 1412 70 Avenue SW, Calgary, AB T2V 0R3, Canada
[andrew.lowe@encana.com] (4)

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[ermes.colombini@tin.it] (5)

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(15)

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szeged.hu] (19)

Observers J. Mueller, C. Brewer, J. D. Mendenhall, K. M. Rykoski, E. Rhoads
Measurers A. Lowe, G. Forti, R. Haver, A. Pelloni, R. Matson, C. Kjærnet,
K. Sárneczky, E. Colombini, E. Rhoads

1.2-m Schmidt
USNO-A2.0, USNO-B1.0, USNO-SA1.0

{15} [7, 3, 0*, 1954/12/21-1995/09/24]

{18} [8, 3, 0*, 1989/12/06-1998/01/23]

{19} [4, 1, 0*, 1992/04/29-1997/02/07]

{1} [4, 2, 0*, 1993/12/10-1997/04/08]

{4} [177, 54, 10*, 1949/11/30-1997/03/07]

{5} [42, 17, 0*, 1951/07/31–1996/10/17]

{9} [6, 3, 0*, 1950/05/19–1990/10/24]

290 Mt. Graham

W. Ryan, MRO Program Office, New Mexico Tech, Socorro, NM 87801, U.S.A.

[bryan@mailaps.org]

Observers W. Ryan, Q. Jamieson

1.8-m $f/9.0$ reflector + CCD

USNO-B1.0

[3, 1, 0*, 2004/04/12]

291 LPL/Spacewatch II

R. S. McMillan, Space Sciences Building, University of Arizona, Tucson, AZ 85721, U.S.A. [bob@lpl.arizona.edu]

Observers A. E. Gleason, A. S. Descour, M. Block, T. H. Bressi, J. A. Larsen, A. F. Tubbiolo, J. V. Scotti

Measurers A. E. Gleason, A. S. Descour, M. Block, T. H. Bressi, J. L. Montani, J. A. Larsen, A. F. Tubbiolo, J. V. Scotti

1.8-m $f/2.7$ reflector + CCD

USNO-SA2.0

[9383, 2662, 407*, 2001/04/24–2004/06/28]

300 Bisei Spaceguard Center–BATTeRS

S. Isobe, National Astronomical Observatory, Mitaka, Tokyo 181, Japan

[isobesz@cc.nao.ac.jp]

Observers A. Asami, D. J. Asher, T. Fuse, N. Hashimoto, S. Isobe, D. Kuroda, K. Nishiyama, Y. Oshima, J. Terazono, H. Umehara, T. Urata, M. Yoshikawa
1.0-m $f/3.0$ reflector + CCD, 0.25-m $f/5.0$ reflector + CCD, 0.5-m $f/2.0$ reflector + CCD

GSC-ACT

[284, 50, 0*, 2004/04/11–2004/07/20]

304 Las Campanas Observatory

S. D. Kern, Dept. of Earth, Atmospheric and Planetary Sciences, Bldg. 54-416, Massachusetts Institute of Technology, Cambridge, MA 02139, U.S.A.

[susank@mit.edu]

Observers S. D. Kern, R. Simcoe

Baade 6.5-m telescope + CCD

USNO-B1.0

[223, 44, 0*, 2004/05/25–2004/05/29]

309 Cerro Paranal

J.-M. Petit, Observatoire de Besançon, 41 bis Avenue de l'Observatoire, F-25010 Besançon, France [petit@obs-besancon.fr] (5)

K. Muinonen, University of Helsinki Observatory, SF-00014 Helsinki, Finland

[karri.muinonen@helsinki.fi] (6)

Measurers M. Granvik, A. Cellino, K. Muinonen, M. Delbo, L. Saba

8.2-m $f/3$ reflector + CCD

USNO-B1.0

{5} [2, 1, 0*, 2003/06/03]

{6} [431, 73, 40*, 2004/01/20–2004/01/24]

322 Perth Observatory, Bickley-MCT

J. Biggs, Perth Observatory, Bickley, WA 6076, Australia

[jamieb@calm.wa.gov.au]

0.25-m $f/4.5$ Newtonian + CCD

USNO-A2.0

[32, 8, 0*, 2004/07/19–2004/07/27]

327 Peking Observatory, Xinglong Station

J. Zhu, National Astronomical Observatories, Chinese Academy of Sciences, 20A Datun Road, Chaoyang District, Beijing 100012, People's Republic of China [zj@bac.pku.edu.cn]

Observers J. Zhu, X. Zhou, S. J. Xue, J. Ma, H. Wu, X. M. Teng, C. H. Liu, S. L. Kong

Measurers X. M. Teng, S. L. Kong, C. H. Liu, J. Zhu

0.60-m Schmidt + CCD

[163, 52, 0*, 1995/09/23–1999/01/09]

333 Desert Eagle Observatory

W. K. Y. Yeung, 139 Sandringham Place NW, Calgary, AB T3K 3V8, Canada [Calgarian@canada.com]

0.45-m $f/3$ Schmidt-Cassegrain + CCD

GSC-ACT

[589, 167, 19*, 2001/09/21–2004/07/16]

344 Bohyunsan Optical Astronomy Observatory

M.-Y. Chun, Korea Astronomy Observatory, San 36-1, Wha-am Dong, Yu-sung Gu, Daejeon 305-348, Korea [mychun@boao.re.kr]

Observer Y.-B. Jeon

1.8-m $f/8$ reflector + CCD

GSC

[15, 6, 0*, 2002/02/16–2004/07/30]

349 Ageo

K. Kadota, 77-1-3-12-204, Koshikiya, Ageo, Saitama-ken, 362-0064 Japan [kenic-k@astroarts.co.jp]

0.25-m $f/5.0$ reflector + CCD

GSC-ACT

[4, 1, 0*, 2004/08/15]

355 Hadano

A. Asami, 28-1 Nishitawara, Hadano, Kanagawa-Ken 257, Japan

[asami@st.rim.or.jp]

0.28-m $f/5.0$ reflector + CCD

UCAC-2, USNO-B1.0, GSC-ACT

[49, 9, 0*, 2004/04/25–2004/07/26]

360 Kuma Kogen

A. Nakamura, Shimo-Hatanokawa, Kuma, Kamiukena-Gun, Ehime-Ken 791-1212, Japan [a-nakamu@mx2.nisiq.net]

0.60-m $f/5.8$ Ritchey-Chrétien + CCD

GSC-ACT, USNO-B1.0

[3, 1, 0*, 2004/07/13]

369 Chichibu

N. Sato, 743-27, Kitairiso Sayama, Saitama-Ken 350-13, Japan

[mxf05524@niftyserve.or.jp]

0.31-m $f/4.0$ reflector + CCD, 0.25-m $f/4.2$ Wright-Schmidt + CCD

GSC

[6, 3, 0*, 1996/12/01–1997/02/13]

372 Geisei

T. Seki, Kamimachi 2-9-35, Kochi-shi, Kochi-ken 780, Japan
[T-seki@ma7.seikyuu.ne.jp]

0.60-m $f/3.5$ reflector

GSC

[7, 2, 0*, 1993/03/16-2004/08/19]

376 Uenohara

N. Kawasato, 3-11-10, Hana-Koganei, Kodaira, Tokyo 187, Japan

0.30-m reflector + CCD

GSC

[7, 2, 0*, 1998/11/17-1998/12/17]

379 Hamamatsu-Yuto

S. Wakuda, Ufumi 9425-20, Yuto-cho, Hamana-gun, Shizuoka-ken 431-0102, Japan

[caa54120@pop06.odn.ne.jp]

0.25-m $f/5.0$ Schmidt-Cassegrain + CCD

UCAC-2, GSC-ACT, USNO-B1.0

[760, 19, 0*, 2004/05/06-2004/08/25]

381 Kiso

Y. Ohba, Graduate School of Science, University of Tokyo, Araku 866-152, Iruma,
Saitama-ken 358-0031, Japan [ohba@planeta.sci.isas.ac.jp]

Observers M. Abe, M. Ishiguro, Y. Takagi, Y. Ohba

Measurer Y. Ohba

1.05-m Kiso Schmidt + CCD

GSC

[10, 3, 0*, 1994/10/15-1996/01/13]

385 Nihondaira Observatory

T. Urata, 1-8, Dobayashi 1 Chome, Shimizu, Shizuoka-Ken 424-0851, Japan

[urata@sannet.ne.jp]

0.31-m $f/4.0$ reflector + CCD

GSC-1.1, USNO-A2.0

[3, 1, 0*, 1996/12/08]

399 Kushiro

H. Kaneda, Taiyo MS 2-H, 2-15, Kawazoe 8 Jo 2 Chime, Minami-Ku, Sapporo 005,
Japan

Observer S. Ueda

Measurer H. Kaneda

0.25-m $f/3.4$ hyperboloid astrocamera

GSC

[12, 7, 0*, 1992/09/28-1994/11/10]

400 Kitami

K. Endate, 3-17, Hinode 1 Chome, Mihoro Cho, Abashiri-Gun, Hokkaido, 092
Japan

0.25-m $f/3.4$ hyperboloid astrocamera + CCD

GSC

[2, 1, 0*, 1993/11/11]

402 Dynic Astronomical Observatory

A. Sugie, Dynic Astronomical Observatory, Taga 283-1, Taga, Inukami-Gun, Shiga-
Ken 522-0341, Japan [hhf00201@niftyserve.or.jp]

Observers A. Sugie, Y. Ikari

0.60-m $f/5.0$ reflector + CCD

GSC

[1, 1, 0*, 1993/11/18]

413 Siding Spring

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C.-I. Lagerkvist, Uppsala Observatory, Box 515, S-75120 Uppsala, Sweden

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Observers R. H. McNaught, G. J. Garrard, K. S. Russell

Measurers R. H. McNaught, O. Hernius

1.0-m $f/8$ reflector + CCD

UCAC-2

{1} [836, 206, 2*, 1981/05/01-2004/08/28]

{2} [3, 1, 0*, 2004/01/05]

{8} [30, 30, 0*, 1993/04/16-1993/04/21]

415 Kambah, near Canberra

D. Herald, P.O. Box 254, Woden, ACT 2606, Australia

[HeraldD@Canberra.DIALix.com.au]

0.36-m $f/3.9$ Schmidt-Cassegrain + CCD

UCAC-2, USNO-A2.0

[48, 17, 0*, 2004/05/29-2004/08/19]

422 Loomberah

G. J. Garrard, P.O. Box 157, Tamworth, NSW 2340, Australia

[loomberah@ozemail.com.au]

0.45-m $f/5.4$ reflector + CCD

UCAC-2

[38, 4, 0*, 2004/07/01-2004/08/15]

423 North Ryde

S. G. McAndrew, 2/32 Twin Rd, North Ryde, NSW 2113, Australia

[stephenmca@optusnet.com.au]

0.20-m $f/4$ hyperbolic astrograph + CCD

UCAC-2

[60, 10, 0*, 2004/07/14-2004/08/21]

428 Reedy Creek

J. Broughton, 18 Branch Crescent, Reedy Creek, QLD 4228, Australia

[reedycrk@dingoblue.net.au]

0.51-m $f/3.6$ reflector + CCD

UCAC-2

[6109, 2019, 283*, 2003/04/21-2004/08/26]

434 S. Benedetto Po

M. Esornati, via Romana 41, Moglia (MN), Italy [esormar@tin.it]

Observers M. Esornati, A. Righelli

0.42-m $f/5$ reflector + CCD

USNO-A2.0

[63, 13, 0*, 2004/05/17-2004/08/18]

439 ROTSE-III, Los Alamos

C. Akerlof, Randall Laboratory of Physics, University of Michigan, Ann Arbor, MI
48109, U.S.A. [akerlof@umich.edu]

0.45-m $f/1.9$ ROTSE-III telescope + CCD

[5, 5, 0*, 2001/10/14–2001/10/25]

446 Kingsnake Observatory

J. V. McClusky, 8370 Alternate 90, Seguin, TX 78155, U.S.A.
[jmccclusky@tlu.edu]

0.45-m $f/4.5$ Newtonian + CCD

UNSO-A2.0, UCAC-2

[1, 1, 0*, 2003/01/05]

448 Desert Moon Observatory

B. Stevens, 5675 Real del Norte, Las Cruces, NM 88012, U.S.A.
[bstevens@zianet.com]

0.3-m Schmidt-Cassegrain + CCD

UCAC-2, USNO-B1.0

[206, 56, 0*, 2003/03/31–2004/07/06]

460 Area 52 Observatory, Nashville

R. Clingan, 305 Anglewood Dr., Nashville, AR 71852, U.S.A.
[bigeye@cswnet.com]

0.30-m Schmidt-Cassegrain + CCD

UCAC-2

[271, 71, 6*, 2001/10/15–2004/08/19]

461 Szeged University, Piskésetető Stn. (Konkoly)

K. Sárneczky, P.O. Box 406, H-6701 Szeged, Hungary [sky@titan.physx.u-szeged.hu]

Observers K. Sárneczky, K. Sziládi, L. Kiss, G. Szabó, B. Sipőcz, T. Szalai

0.60-m Schmidt + CCD

USNO-A2.0, USNO-B1.0

[669, 103, 10*, 1998/12/14–2004/08/12]

462 Mount Belleview Observatory

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[ctupper@erols.com]

0.25-m $f/3.9$ Schmidt-Cassegrain + CCD

GSC-ACT

[42, 14, 0*, 2004/04/25–2004/04/29]

468 Campo Catino

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Observers G. Masi, F. Mallia

0.80-m $f/8$ reflector + CCD

USNO-A2.0

[1, 1, 0*, 1999/10/14]

469 Courroux

H. Lehmann, Sports 6, CH-2822 Courroux, Switzerland [huble@vtx.ch]

0.20-m $f/4.37$ reflector + CCD

UCAC-2, USNO-B1.0

[14, 3, 0*, 2004/05/18]

474 Mount John Observatory, Lake Tekapo

A. C. Gilmore, Mt. John University Observatory, P.O. Box 56, NZ-8770 Lake
Tekapo, New Zealand [a.gilmore@phys.canterbury.ac.nz]

Observers A. C. Gilmore, P. M. Kilmartin

0.6-m $f/6.4$ reflector + CCD, 1.0-m $f/7.7$ reflector + CCD

UCAC-2, USNO-A2.0

[395, 79, 0*, 2004/05/16–2004/08/29]

493 Calar Alto

K. Birkle, MPI für Astronomie, Königstuhl 17, D-69117 Heidelberg, Germany
[birkle@mpia-hd.mpg.de]

3.5-m $f/2.7$ reflector + CCD

USNO-A2.0

[2, 1, 0*, 2004/02/19]

504 Le Creusot

J.-C. Merlin, 18 rue P. Mendès-France, F-71200 Le Creusot, France
[merlin@obspm.fr]

0.40-m $f/5$ reflector + CCD

USNO-A2.0

[3, 1, 0*, 2004/08/22]

511 Haute Provence

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Paris, France [arlot@bd1.fr]

Observers W. Thuillot, J. E. Arlot

Measurers C. Bechet, S. Arlot

1.20-m $f/6$ reflector + CCD

USNO-A2.0

[2, 2, 0*, 1993/02/18–1993/12/14]

536 Berlin-Babelsberg

B. Thinius, Moosgloeckchenweg 8, D-14478 Potsdam, Germany
[bernd@thinius.net]

0.70-m $f/10.5$ Cassegrain + CCD

USNO-SA2.0

[5, 2, 0*, 2004/07/31]

540 Linz

E. Meyer, Ferd.-Marktstrasse 1/62, A-4040 Linz, Austria [er.meyer@ooenet.at]

0.6-m $f/3.3$ reflector + CCD

USNO-A2.0, UCAC-2, USNO-B1.0

[44, 13, 0*, 1996/01/16–2004/08/23]

552 Osservatorio S. Vittore, Bologna

E. Colombini, Via S. Vittore 44, I-40136 Bologna, Italy
[ermes.colombini@tin.it]

Observers G. Sassi, E. Colombini

0.45-m $f/5$ reflector + CCD

USNO-SA2.0, USNO-SA1.0

[51, 12, 0*, 2004/05/14–2004/07/22]

557 Ondřejov

P. Pravec, Astronomical Institute, Czech Academy of Sciences, CZ-25165 Ondřejov,
Czech Republic [ppravac@asu.cas.cz]

Observers P. Kušnirák, L. Šarounová, P. Pravec

0.65-m $f/3.6$ reflector + CCD
 UCAC-2, USNO-SA2.0
 [306, 37, 0*, 1997/08/10–2004/08/23]

560 Madonna di Dossobuono

L. Lai, Via Mantovana 130e, I-37062 Dossobuono (Verona), Italy
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Observer M. di Dossobuono
 Measurer L. Lai
 0.4-m $f/5$ reflector + CCD
 USNO-A2.0, USNO-SA2.0
 [71, 16, 0*, 2004/04/07–2004/08/23]

561 Piskésető

J. Kelemen, Konkoly Observatory, P.O. Box 67, H-1525 Budapest, Hungary
 [kelemen@ogyalla.konkoly.hu]

0.60-m Schmidt + CCD
 USNO-A2.0
 [22, 7, 0*, 1998/03/02–2004/07/04]

566 Haleakala-NEAT/GEODSS

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Observers R. Bamberg, M. Hicks, P. Kervin, E. F. Helin, S. H. Pravdo,
 K. J. Lawrence, D. L. Rabinowitz, S. Groom, C. Clark, S. Levin, J. Lorre,
 S. Shaklan, R. Byrd, A. Esquibel, C. Cotton, D. Bascon
 Measurers A. J. Walker, R. Matson, A. Lowe, K. Sárneczky, E. Colombini,
 J. Bedient, B. Sipőcz, Z. Kuli
 1.0-m $f/2.2$ GEODSS reflector + CCD
 UCAC-2, USNO-A2.0, USNO-B1.0, USNO-SA1.0
 [700, 238, 1*, 1995/12/18–1999/02/19]

568 Mauna Kea

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 6224 Agricultural Road, Vancouver, BC V6T 1Z1, Canada
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 Observers F. Bernardi, J. Pittichova, N. Moskovitz, L. Dundon, K. J. Meech,
 D. J. Tholen, J. Bedient, Y. Fernandez, L. Woodney, Q. service observers
 Measurers F. Bernardi, D. J. Tholen, J. Pittichova, K. J. Meech, J. Bedient,
 L. H. Wasserman, D. D. Balam
 2.2-m reflector + CCD, 10-m Keck-1 reflector + CCD, 8-m reflector
 USNO-B1.0, USNO-A2.0, USNO-SA1.0

{11} [83, 26, 4*, 2004/05/07–2004/08/16]
 {17} [695, 142, 32*, 2004/01/22–2004/01/30]
 {0} [3, 1, 0*, 1999/05/09]
 {2} [117, 31, 3*, 2000/04/05–2004/07/22]
 {3} [276, 46, 41*, 2004/08/22–2004/08/23]
 {7} [101, 43, 2*, 2003/12/17–2004/06/24]
 {9} [209, 45, 24*, 2004/08/10–2004/08/22]

573 Eldagsen

W. Bonk, Nordstrasse 33, D-31832 Springe, Germany [we.bonk@t-online.de]
 0.20-m $f/3.5$ astrograph + CCD
 GSC
 [2, 1, 0*, 1995/08/04]

586 Pic du Midi

C. Cavadore, Mitterweg Str. 2, Garching bei München, D-85748 Germany
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 Observers C. Cavadore, J. Lechacheux, F. Colas
 Measurer C. Cavadore
 1.06-m $f/5.6$ reflector + CCD
 USNO-A2.0
 [13, 3, 0*, 2004/07/15]

587 Sormano

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 [sormano@tin.it]
 Observers F. Manca, M. Cavagna, A. Testa
 0.5-m $f/6$ reflector + CCD
 USNO-A2.0
 [94, 36, 0*, 1995/02/27–2004/08/26]

589 Santa Lucia Stroncone

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 [vagnozzi@freenet.hut.fi]
 Observers A. Vagnozzi, M. Cristofanelli
 0.50-m $f/3.4$ reflector + CCD
 USNO-SA2.0
 [20, 1, 0*, 2004/08/15–2004/08/20]

595 Farra d'Isonzo

L. Bittesini, Via dei Conventi 10, I-34070 Farra D'Isonzo (GO), Italy
 [ccaf@ccaf.it]
 Observers G. Lombardi, E. Pettarin, F. Piani, L. Valent, M. Spolaor, L. Bittesini,
 D. Di Maria
 Measurers E. Pettarin, G. Lombardi, M. Spolaor, L. Valent
 0.40-m $f/4.5$ reflector + CCD
 USNO-A2.0
 [2, 1, 0*, 1996/08/06]

599 Campo Imperatore–CINEOS

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 Italy [cineos@ias.rm.cnr.it]

Observers R. Leoni, L. M. Laudi, A. Boattini, A. Di Paola, A. Giunta, D. Perna, V. Casula, F. De Luise, N. Napoleone, A. Di Clemente, A. Razza
 Measurers A. Boattini, R. Leoni, L. M. Laudi, A. Giunta, D. Perna, V. Casula, A. Di Paola, F. De Luise, E. Dotto, A. Razza, N. Napoleone
 0.60-m $f/3$ Schmidt + CCD
 USNO-A2.0
[13916, 3696, 273, 1996/07/23–2004/08/29]*

608 Haleakala-NEAT/MSSS

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 P. Kervin, Air Force Maui Optical Station, 535 Lipoa Parkway, Suite 200, Kihei, Maui, HI 96753, U.S.A. [paul@ulua.mhpsc.af.mil]
 Observers S. Pravdo, M. Hicks, K. Lawrence, D. MacDonald, P. Kervin, J. Africano, R. Maeda, R. Bamberg, E. F. Helin, D. Talent, P. Tanner, K. Kuluhiwa, J. Africano
 Measurers R. Matson, A. J. Walker, K. Sárneczky, A. Lowe, R. Haver, A. Pelloni, G. Forti, E. Colombini, B. Sipócz, Z. Kuli, M. Ory
 1.2-m reflector + CCD
 USNO-A2.0, UCAC-2, USNO-B1.0, USNO-SA1.0
[14043, 4409, 71, 1995/12/20–2004/05/21]*

611 Starkenburg

M. Busch, Niemoellerstr. 9, D-64646 Heppenheim, Germany [matthias.busch@t-online.de]
 Observer F. Hormuth
 0.45-m $f/4.4$ reflector + CCD
 UCAC-2
[13, 4, 0, 2004/06/08]*

615 St. Veran

J. Schwaenen, Allée D 5, B-6001 Marcinelle, Belgium [jean.schwaenen@worldonline.be]
 Observers O. Garde, P. Farissier, F. Magnan, A. Viciania, F. Bompaire
 0.62-m $f/15.0$ Cassegrain + CCD
 GSC
[10, 4, 0, 2001/04/16–2003/03/07]*

619 Sabadell

F. Casarramona, P.O. Box 50, E-8200 Sabadell (BCN), Spain [astrosab@redestb.es]
 Observers R. Josa, M. Bella, L. Xifra, R. Casas, H. Pallares, C. Bastus, D. Corcuera, A. Garcia
 0.50-m $f/4$ reflector + CCD
 GSC, USNO-B1.0
[36, 7, 0, 2004/07/20–2004/08/12]*

620 Observatorio Astronómico de Mallorca

S. Sanchez, Observatori Astronómic de Mallorca, Camí de l'observatori s/n, E-07144 Costitx, Balears, Spain [astroam@bitel.es]
 Observers S. Sanchez, R. Stoss, J. Nomen, J. Rodriguez, A. Petrov, S. Cikota, N. Udovicic
 0.30-m $f/9$ Schmidt-Cassegrain + CCD
 UCAC-2, USNO-B1.0
[177, 53, 1, 2004/04/19–2004/08/25]*

621 Bergisch Gladbach

W. Bickel, Schau ins Land 21, D-51429 Bergisch Gladbach, Germany [0220455671-0001@t-online.de]
 0.60-m $f/5.2$ reflector + CCD
 UCAC-2
[929, 171, 38, 1997/09/28–2004/08/23]*

628 Mülheim-Ruhr

A. Martin, Turtle Star Observatory, Friedhostr. 15, D-45478 Mülheim-Ruhr, Germany [axelm@bph.ruhr-uni-bochum.de]
 Observers A. Boeker, A. Martin, K. Kleemann-Boeker, M. Tator
 0.25-m $f/6.1$ Schmidt-Cassegrain + CCD
 USNO-A2.0
[11, 4, 0, 2003/09/19–2004/05/15]*

639 Dresden

S. Gebhard, Duckwitzstrasse 27d, D-01129 Dresden, Germany [Gebhard@t-online.de]
 0.35-m $f/7.3$ reflector + CCD
 USNO-A2.0, USNO-SA2.0
[43, 5, 0, 2004/05/19–2004/08/18]*

644 Palomar Mountain/NEAT

R. Bamberg, Jet Propulsion Laboratory, MS 168-527, Pasadena, CA 91109, U.S.A. [Raymond.J.Bamberg@jpl.nasa.gov]
 Observers R. Bamberg, S. Pravdo, M. Hicks, K. Lawrence, R. Thicksten, D. MacDonald, E. F. Helin, E. Hovland, T. Bickler, J. Schroeder, L. Scherr, A. Deetz, K. Kuluhiwa
 Measurers R. Matson, J. J. Gómez, A. Lowe, A. J. Walker, K. Sárneczky, R. Haver, A. Pelloni, G. Forti, R. Stoss, S. F. Höning, C. Kjærnet, J. Bedient, B. Sipócz, Z. Kuli, E. Colombini, J. Lacruz, M. Meyer, M. Ory, M. Langbroek
 1.2-m Schmidt + CCD
 USNO-A2.0, USNO-B1.0, UCAC-2, USNO-SA2.0, USNO-SA1.0
[70803, 16787, 1439, 1997/09/02–2004/08/16]*

645 Apache Point–Sloan Digital Sky Survey

Z. Ivezić, Department of Astrophysical Sciences, Peyton Hall, Princeton University, Princeton, NJ 08544, U.S.A. [ivezic@astro.princeton.edu]
 Observers Sloan Digital Sky Survey Collaboration
 Measurers Z. Ivezić, M. Jurić, R. Lupton, S. Tabachnik, T. Quinn
 2.5-m SDSS Telescope + SDSS camera
 UCAC-1
[3574, 1334, 0, 1998/09/19–2003/03/07]*

648 Winer Observatory, Sonoita

M. Trueblood, P.O. Box 797, Sonoita, AZ 85637-0797, U.S.A. [mark@winer.org]
 0.50-m $f/8$ Ritchey-Chrétien + CCD
 UCAC-2
[3, 1, 0, 2004/06/17]*

649 Powell Observatory, Louisburg

L. Robinson, 14680 W 144 St., Olathe, KS 66062, U.S.A. [lrobinson@ix.netcom.com]
 Observers R. Fredrick, S. Granger, R. Trentman
 0.75-m Newtonian + CCD, 0.3-m Schmidt-Cassegrain + CCD
 UCAC-2, USNO-B1.0

[405, 71, 0*, 2000/02/07-2004/08/18]

651 Grasslands Observatory, Tucson

J. E. McGaha, 5100 Sabino Foothills, Tucson, AZ 85750, U.S.A.

[mcgaha@skepticus.com]

0.62-m $f/5.1$ Newtonian + CCD

USNO-A2.0

[103, 35, 0*, 2004/05/14-2004/08/22]

652 Sandringham, Calgary

W. K. Y. Yeung, 139 Sandringham Place NW, Calgary, AB T3K 3V8, Canada

[Calgarian@canada.com]

0.47-m $f/3.0$ reflector + CCD

[1, 1, 0*, 1999/12/28]

661 Rothney Astrophysical Observatory, Priddis

M. Mazur, Rothney Astrophysical Observatory, Dept. of Physics and Astronomy, University of Calgary, 2500 University Dr. NW, Calgary, Alberta T2N 1N4, Canada

[mazur@geo.ucalgary.ca]

Observers M. J. Mazur, R. D. Cardinal, M. Williams, N. Wittig

0.50-m $f/1.0$ reflector + CCD

USNO-A2.0

[34, 3, 0*, 2004/06/20-2004/06/23]

670 Camarillo

J. E. Rogers, 441 Rowland Avenue, Camarillo, CA 93010, U.S.A.

[72401.3174@CompuServe.com]

0.30-m $f/6.7$ Helin Telescope + CCD

USNO-A2.0

[78, 32, 0*, 2004/06/27-2004/07/26]

671 Stony Ridge

J. E. Rogers, 441 Rowland Avenue, Camarillo, CA 93010, U.S.A.

[72401.3174@compuserve.com]

Observers S. C. Brewster, D. A. Hadlen, J. M. Hoff, S. F. Martin, P. K. Sable, D. Hadlen

0.76-m $f/6$ Newtonian + CCD

USNO-A2.0, UCAC-2

[25, 8, 0*, 2004/07/18-2004/08/22]

673 Table Mountain Observatory, Wrightwood

W. M. Owen, Jr., Jet Propulsion Laboratory 301-150, 4800 Oak Grove Drive, Pasadena, CA 91109-8099, U.S.A. [wmo@wansor.jpl.nasa.gov] (1)

J. Young, Jet Propulsion Laboratory, 4800 Oak Grove Drive, Pasadena, CA 91109, U.S.A. [w7fitt@netscape.net] (5)

D. Mayes, Jet Propulsion Laboratory, 4800 Oak Grove Drive, Pasadena, CA 91109, U.S.A. [D1m45E@netscape.net] (8)

Observers J. Young, R. C. Dumas, G. Jones, D. Mayes, A. M. Sullivan, A. Grigsby, M. Vale, J. D. Costello, F. I. Wulke, J. Bauer

Measurers J. Young, H. Rhoades, W. M. Owen, Jr., D. Mayes, A. Grigsby, M. Vale, F. I. Wulke, J. D. Costello, J. Bauer

0.61-m $f/16$ reflector + CCD

USNO-A2.0, UCAC-2

{1} [819, 67, 0*, 2004/05/15-2004/08/05]

{5} [740, 125, 33*, 2002/12/12-2004/08/26]

{8} [86, 24, 2*, 2004/05/27-2004/08/27]

675 Palomar Mountain

E. F. Helin, MS 183-501, Jet Propulsion Laboratory, Pasadena, CA 91109, U.S.A.

[efh@alps.jpl.nasa.gov] (2)

C. S. Shoemaker, P.O. Box 984, Flagstaff, AZ 86002, U.S.A.

[cshoemaker@flagmail.wr.usgs.gov] (3)

I. van Houten-Groeneveld, Sterrewacht Leiden, Postbus 9513, NL-2300 RA Leiden, The Netherlands [vanhouten@rulh11.leidenuniv.nl] (4)

E. Bowell, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001, U.S.A. [elgb@lowell.edu] (6)

J. Kavelaars, Dept. of Physics and Astronomy, McMaster University, Hamilton, ON L8S 4M1, Canada [kavelaars@physics.mcmaster.ca] (8)

9 = 6 + 3

S. J. Bus, Institute of Astronomy, University of Hawaii, 640 N. A'ohoku Place #209, Hilo, HI 96720, U.S.A. [sjb@ifa.hawaii.edu] (13)

Observers M. Hicks, E. F. Helin, K. Lawrence, E. M. Shoemaker, S. J. Bus

C. S. Shoemaker, D. H. Levy, T. Gehrels, P. Weissman, C. A. Trujillo

Measurers M. Williams, K. Lawrence, C. S. Shoemaker, B. A. Skiff, M. Hicks,

C. J. van Houten, I. van Houten-Groeneveld, A. Wisse, J. Kavelaars,

C. A. Trujillo, S. J. Bus

0.46-m Schmidt, 1.2-m Oschin Schmidt, 1.5-m reflector + CCD, 5.0-m $f/8.75$ reflector + CCD

USNO-A2.0

{13} [10, 5, 0*, 1978/06/10-1979/10/18]

{2} [6, 4, 0*, 1988/08/10-1994/03/08]

{3} [2, 1, 0*, 1993/04/14]

{4} [110, 48, 0*, 1971/03/24-1977/10/17]

{6} [5, 3, 0*, 1955/11/16-1995/03/27]

{8} [18, 7, 0*, 2004/04/15-2004/04/16]

{9} [13, 10, 0*, 1986/03/04-1994/09/07]

678 Fountain Hills

C. W. Juels, P.O. Box 19960, Fountain Hills, AZ 85269, U.S.A. [cwjuels@cox.net]

Observers C. W. Juels, P. R. Holvorcem

0.50-m $f/4.8$ Newtonian + CCD

GSC-ACT, USNO-A2.0, GSC-1.1

[2, 1, 0*, 2002/12/05]

682 Kanab

E. Sheridan, 7205 Sunflower Lane, Kanab, UT 84741, U.S.A.

[mened@expressweb.com]

0.35-m $f/5.5$ Schmidt-Cassegrain + CCD

USNO-A2.0

[11, 5, 0*, 1999/09/07-2001/05/18]

683 Goodricke-Pigott Observatory, Tucson

R. A. Tucker, 5500 West Nebraska Street, Tucson, AZ 85746, U.S.A.

[gpobs@mindspring.com]

Observer R. A. Tucker

Measurers R. A. Tucker, R. Kowalski, V. Reddy

0.35-m $f/11$ Schmidt-Cassegrain + CCD
 GSC-ACT, USNO-A2.0, UCAC-2
[7337, 978, 29, 1999/03/13-2004/08/28]*

684 Prescott

P. G. Comba, 1411 Galaxy Lane, Prescott, AZ 86303, U.S.A.
 [comba@northlink.com]
 0.46-m $f/4.5$ reflector + CCD
 GSC-1.1
[2, 1, 0, 1999/06/07]*

688 Lowell Observatory, Anderson Mesa Station

M. W. Buie, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001,
 U.S.A. [buie@lowell.edu] (1)
 W. Osborn, Physics Department, Central Michigan University, Mt. Pleasant,
 MI 48859, U.S.A. [osborn@dune.phy.cmich.edu] (3)
 L. H. Wasserman, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff,
 AZ 86001, U.S.A. [lhw@lowell.edu] (5)
 Observers J. Beningo, M. Curtis, H. Hoehn, J. Smolinski, L. H. Wasserman,
 A. Bosh
 1.8-m Perkins reflector + CCD
 USNO-B1.0, USNO-A2.0
 {1} *[29, 10, 0*, 1997/03/10-1998/05/22]*
 {3} *[18, 5, 0*, 2004/05/14-2004/05/17]*
 {5} *[62, 30, 1*, 2000/04/04-2004/07/17]*

689 U.S. Naval Observatory, Flagstaff Station

A. Monet, U.S. Naval Observatory, Flagstaff Station, P.O. Box 1149, Flagstaff, AZ
 86002-1149 [rcs@nofs.navy.mil]
 1.6-m reflector + CCD
 Tycho (ICRF)
[2, 1, 0, 1997/02/12-1997/03/10]*

691 Steward Observatory, Kitt Peak

R. S. McMillan, Space Sciences Building, University of Arizona, Tucson, AZ 85721,
 U.S.A. [bob@lpl.arizona.edu]
 Observers R. S. McMillan, A. F. Tubbiolo, J. V. Scotti, R. H. Broad, L. E. Turner,
 M. T. Read, C. E. Knapp, J. A. Larsen, R. G. Gagliano, M. Block,
 A. B. Marais, A. S. Descour, K. W. Pavitt, L. S. Garrett, E. P. Majden
 0.9-m $f/3$ reflector + CCD
 USNO-A2.0
[93375, 20423, 4974, 1990/09/19-2004/08/25]*

693 University of Arizona, Catalina Station

C. W. Hergenrother, Space Sciences Building, University of Arizona, Tucson, AZ
 85721, U.S.A. [chergen@pir1.lpl.arizona.edu]
 1.54-m reflector + CCD
 USNO-A2.0
[3, 1, 0, 1994/12/01]*

695 Kitt Peak

M. W. Buie, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001,
 U.S.A. [buie@lowell.edu] (1)
 D. Wittman, Bell Laboratories, 600 Mountain Ave., Murray Hill, NJ 07974, U.S.A.
 [wittman@physics.bell-labs.com] (3)

B. Gladman, Observatoire de Nice, Department Cassini, BP 229, F-06304 Nice
 Cedex 4, France [gladman@obs-nice.fr] (8)
 D. J. Tholen, Institute for Astronomy, 2680 Woodlawn Drive, Honolulu, HI 96822,
 U.S.A. [tholen@hale.ifa.hawaii.edu] (16)
 D. E. Trilling, Dept. of Physics and Astronomy, University of Pennsylvania, 209 S.
 33rd Street, Philadelphia, PA 19104, U.S.A. (21)
 L. H. Wasserman, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff,
 AZ 86001, U.S.A. [lhw@lowell.edu] (23)
 Observers D. E. Trilling, A. S. Rivkin, C. W. Hergenrother, T. B. Spahr,
 R. Tucker, D. J. Tholen, F. Bernardi, L. H. Wasserman, R. L. Millis
 Measurers F. Bernardi, R. Tucker, M. W. Buie, S. D. Kern, R. L. Millis,
 L. H. Wasserman, E. I. Chiang, K. B. Clancy, D. E. Trilling
 4-m reflector + CCD
 USNO-A2.0
 {16} *[11, 2, 1*, 2004/06/19-2004/06/20]*
 {21} *[107, 49, 1*, 2004/02/11-2004/02/16]*
 {23} *[3, 1, 1*, 2002/12/04-2002/12/05]*
 {1} *[315, 157, 8*, 1998/10/21-2004/03/16]*
 {3} *[57, 10, 0*, 2001/12/17-2004/03/26]*
 {8} *[11, 3, 0*, 2002/06/18-2002/06/19]*

696 Whipple Observatory, Mt. Hopkins

C. W. Hergenrother, Space Sciences Building, University of Arizona, Tucson, AZ
 85721, U.S.A. [chergen@pir1.lpl.arizona.edu] (1)
 T. B. Spahr, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street,
 Cambridge, MA 02138, U.S.A. [tspahr@cfa.harvard.edu] (7)
 Observers J. B. Battat, T. B. Spahr, K. Smalley
 1.2-m reflector + CCD
 USNO-B1.0
 {1} *[13, 6, 0*, 1996/06/25-2003/12/01]*
 {7} *[44, 19, 0*, 2004/05/24-2004/06/25]*

699 Lowell Observatory-LONEOS

E. Bowell, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff AZ 86001,
 U.S.A. [elgb@lowell.edu]
 Observers B. A. Skiff, M. E. Van Ness
 Measurers B. A. Skiff, M. E. Van Ness, R. A. Cash, B. W. Koehn
 0.59-m LONEOS Schmidt + CCD
 USNO-B1.0, GSC-ACT
[116841, 21932, 529, 1998/06/21-2004/08/28]*

701 Junk Bond Observatory, Sierra Vista

D. Healy, Junk Bond Observatory, 6929 Madera Drive, Sierra Vista, AZ 85635,
 U.S.A. [76443.1440@compuserve.com]
 0.51-m Cassegrain + CCD
 USNO-A2.0
[383, 115, 4, 2001/04/14-2004/07/07]*

703 Catalina Sky Survey

S. M. Larson, Space Sciences Building, University of Arizona, Tucson, AZ 85721,
 U.S.A. [slarson@lpl.arizona.edu]

Observers S. M. Larson, E. C. Beshore, R. E. Hill, S. Howard, D. McLean,
E. J. Christensen

Measurers E. C. Beshore, E. J. Christensen, G. J. Garradd, R. E. Hill,
S. M. Larson, R. H. McNaught

0.68-m Schmidt + CCD
USNO-SA2.0

[114146, 20033, 271*, 1998/09/18-2004/08/27]

704 Lincoln Laboratory ETS, New Mexico

G. Stokes, MIT Lincoln Laboratory, 244 Wood Street, Lexington, MA 02420,
U.S.A. [stokes@ll.mit.edu]

Observers M. Blythe, F. Shelly, M. Bezpalko, R. Huber, L. Manguso, D. Torres,
R. Kracke, M. McCleary, H. Stange, A. Milner

Measurers J. Stuart, R. Sayer, J. Evans, J. Kommers

1.0-m $f/2.15$ reflector + CCD

USNO-A2.0

[685454, 58931, 3902*, 1997/03/06-2004/08/28]

711 McDonald Observatory

P. J. Shelus, McDonald Observatory, University of Texas, Austin, TX 78712,
U.S.A. [pjs@astro.as.utexas.edu]

Observer N. R. Baliber

Measurers N. R. Baliber, J. G. Ries

0.76-m reflector + CCD + prime-focus corrector

USNO-A2.0

[98, 30, 0*, 2004/07/14-2004/08/20]

712 USAF Academy Observatory, Colorado Springs

M. Burns, Department of Physics, USAF Academy, CO 80840, U.S.A.

[michael.burns@usafa.af.mil]

Observers D. Crow, J. Fischer, L. Bauer, M. Lehman, N. Reynen, C. Wetterer

0.41-m $f/8$ Cassegrain + CCD

USNO-SA2.0

[27, 3, 0*, 2004/04/14-2004/04/28]

715 Journada Observatory

D. S. Dixon, 5975 Moonrise Vista, Las Cruces, NM 88012, U.S.A.

[ddixon@direcway.com]

0.41-m Schmidt-Cassegrain + CCD

USNO-B1.0, UCAC-2

[125, 39, 0*, 2004/02/15-2004/08/27]

716 Palmer Divide Observatory, Colorado Springs

B. D. Warner, 17995 Bakers Farm Rd., Colorado Springs, CO 80908, U.S.A.

[brianw_mpo@compuserve.com]

0.5-m $f/8.1$ Ritchey-Chrétien + CCD, 0.30-m Schmidt-Cassegrain + CCD, 0.35-m
Schmidt-Cassegrain + CCD, 0.2-m Schmidt-Cassegrain + CCD, 0.25-m

Schmidt-Cassegrain + CCD

UCAC-2, USNO-A2.0

[73, 11, 0*, 2003/01/19-2004/08/24]

734 Farpont Observatory

G. Hug, RTE 1 Box 35c, Eskridge, KS 66423, U.S.A. [frogstar@intergate.com]

Observers G. Hug, D. Tibbets, G. Bell, J. Burgardt, R. Valentine, B. Leifer,
W. Leifer

0.3-m Schmidt-Cassegrain + CCD

UCAC-2, USNO-A2.0

[98, 32, 0*, 1999/12/10-2004/08/29]

735 George Observatory, Needville

W. G. Dillon, 4703 Birkenhead Circle, Missouri City, TX 77459, U.S.A.

[bdillon@houston.geoquest.slb.com]

Observers J. Dellinger, P. G. A. Garossino, W. G. Dillon, D. Wells, A. Cruz,
M. Eastman, R. Fields, V. Sen, D. Jones, L. Casady, T. Hiserodt

Measurers J. Dellinger, P. G. A. Garossino, D. Wells, W. G. Dillon, A. Lowe,
L. Casady, W. P. Dillon

0.46-m $f/4.5$ Newtonian + CCD, 0.91-m Ritchey-Chrétien + CCD

USNO-A2.0, UCAC-2, USNO-B1.0

[1080, 196, 19*, 2001/05/24-2004/08/19]

740 SFA Observatory, Nacogdoches

W. D. Bruton, Box 13044, Nacogdoches, TX 75962, U.S.A.

[f_brutonwd@titan.sfasu.edu]

0.46-m Cassegrain reflector + CCD

GSC-1.1

[1, 1, 0*, 2004/07/24]

750 Hobbs Observatory, Fall Creek

R. Elliott, S475 County Road K, Fall Creek, WI 54742, U.S.A.

[elliottb@uwec.edu]

0.3-m $f/10$ Schmidt-Cassegrain + CCD

UCAC-2

[4, 2, 0*, 2004/05/11]

757 High Point

D. K. Chesney, 4210 Lauren Place, High Point, NC 27265, U.S.A.

[dkchesney@hpe.infi.net]

0.25-m Schmidt-Cassegrain + CCD

GSC

[1, 1, 0*, 2001/10/16]

758 BCC Observatory, Cocoa

I. P. Griffin, Office of Public Outreach, Space Telescope Science Institute, 3700 San
Martin Drive, Baltimore, MD 21218, U.S.A. [griffin@stsci.edu]

0.30-m $f/5$ Maksutov + CCD

USNO-A2.0

[3, 1, 0*, 1998/12/03]

761 Zephyrhills

R. A. Kowalski, 7630 Conrad St, Zephyrhills, FL 33544-2729, U.S.A.

[rak@bitnik.com]

0.18-m $f/9.45$ reflector + CCD

USNO-A2.0

[2, 1, 0*, 1998/10/04]

762 Four Winds Observatory, Lake Leelanau

R. Elliott, 1422 South Manitou Trail, Lake Leelanau, MI 49653, U.S.A.

[elliottb@uwec.edu]

0.3-m $f/10$ Schmidt-Cassegrain + CCD

USNO-A2.0, UCAC-2

[48, 8, 0*, 2004/07/21-2004/08/21]

785 Fitz-Randolph Observatory, Princeton

A. J. Willman, 87 Prospect Avenue, Princeton NJ 08544, U.S.A.
[observatory@Princeton.edu]

Observer J. Maffei

0.91-m $f/13.6$ Cassegrain + CCD

USNO-A2.0

[17, 6, 0*, 2003/02/02–2004/08/09]

807 Cerro Tololo

L. H. Wasserman, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001, U.S.A. [lhw@lowell.edu] (1)

D. Wittman, Bell Labs Room 1D-456, 700 Mountain Avenue, Murray Hill, NJ 07974, U.S.A. [dwittman@physics.bell-labs.com] (3)

W. Ryan, MRO Program Office, New Mexico Tech, Socorro, NM 87801, U.S.A. [bryan@mailaps.org] (14)

Observers W. Ryan, M. W. Buie, J. L. Elliot, J. F. Kane, M. E. Teyssier

Measurers W. Ryan, M. W. Buie, M. E. Teyssier, L. H. Wasserman, J. L. Elliot, J. F. Kane, R. L. Millis, S. D. Kern, A. A. S. Gulbis, T. A. Jones, M. Leung, A. L. Vax, K. B. Clancy

1.0-m $f/10.0$ reflector + CCD, 4-m reflector + CCD

USNO-B1.0

{14} [26, 5, 0*, 2004/05/13–2004/05/26]

{1} [1391, 664, 14*, 2000/07/29–2004/07/17]

{3} [32, 8, 0*, 2000/03/09–2003/04/06]

808 El Leoncito

C. E. Lopez, Felix Aguilar Observatory, Benavidez 8175 (Oeste), AR-5407 Marquesado-San Juan, Argentina [lopez2283@infovia.com.ar]

Observers C. E. Lopez, H. S. Lepez, R. Gil Hutton, M. E. Veramendi

0.5-m $f/7.5$ double astrograph + CCD

USNO-SA2.0

[4, 2, 0*, 1992/10/31–1994/03/21]

809 European Southern Observatory, La Silla

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E. W. Elst, Observatoire Royal de Belgique, Avenue Circulaire 3, B-1180 Brussels, Belgium [elst@atmos.oma.be] (4)

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S. F. Hönig, c/o Institut für Theoretische Astrophysik, Tiergartenstr. 15, D-69121 Heidelberg, Germany [shoenig@ita.uni-heidelberg.de] (30)

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Observers O. Pizzaro, G. Pizarro, F. Carrier, R. Behrend, C. Vuissoz, A. Boattini, O. Hainaut, S. F. Hönig, E. Jehin, M. Billeres

Measurers H. Debehogne, E. W. Elst, O. Hernius, C.-I. Lagerkvist, A. Boattini, H. Scholl, G. Hahn, M. Carpino, S. F. Hönig, E. Jehin

1.0-m Schmidt, 1.20-m reflector + CCD, 2.2-m reflector + CCD, 3.6-m New Technology Telescope + CCD

Tycho-2, UCAC-2, USNO-B1.0

{20} [29, 10, 0*, 2004/05/31–2004/08/29]

{3} [4, 3, 0*, 1998/02/28–1998/03/02]

{4} [406, 117, 0*, 1990/11/20–1998/09/23]

{8} [281, 197, 0*, 1992/02/29–1998/03/02]

{9} [15, 5, 0*, 2003/01/24–2003/01/25]

{30} [4, 2, 0*, 2004/03/28]

{31} [12, 1, 0*, 2003/12/24–2004/01/06]

816 Rand Observatory

G. R. Viscome, 30 Hyland Avenue, Lake Placid, NY 12946, U.S.A.

[GeorVisc@localnet.com]

0.37-m $f/6$ reflector + CCD

USNO-SA1.0

[7, 2, 0*, 1997/05/28–1997/10/26]

824 Lake Clear

K. A. Williams, RD #1 Box 277, Forest Home Road, Lake Clear, NY 12945, U.S.A. [kenwill@NorthNet.org]

0.41-m $f/5.0$ reflector + CCD

GSC

[2, 1, 0*, 1996/09/04]

829 Complejo Astronómico El Leoncito

R. Gil-Hutton, Av. Benavidez 8175 oeste, AR-5413 San Juan, Argentina

[rgilhutton@casleo.gov.ar]

Observers R. Gil-Hutton, J. Licandro

Measurer R. Gil-Hutton

2.15-m $f/2.8$ reflector + CCD

USNO-A1.0

[2, 1, 0*, 2002/07/09]

837 Jupiter

B. A. Segal, 3084 NW 63 Street, Boca Raton, FL 33496, U.S.A.

[astrobas@gate.net]

Observer L. R. Sikes, III

Measurer B. A. Segal

0.36-m $f/11$ Schmidt-Cassegrain + CCD

USNO-SA2.0

[1, 1, 0*, 2000/04/22]

838 Dayton

J. Chumack, 3118 Mesmer Avenue, Dayton, OH 45410, U.S.A.

[galactic@infinet.com]

0.25-m $f/6.3$ Schmidt-Cassegrain + CCD

GSC-1.1, USNO-SA2.0

[5, 2, 0*, 2003/12/31–2004/01/01]

843 Emerald Lane Observatory, Decatur

L. C. Ball, 4311 Emerald Lane, Decatur, AL 35603, U.S.A. [e1o843@charter.net]

Observer L. Ball

0.41-m Schmidt-Cassegrain + CCD
USNO-SA2.0

[59, 15, 0*, 2001/09/15–2004/05/24]

844 Los Molinos

G. Tancredi, Departamento Astronomia, Facultad Ciencias, Igua 4225, UY-11400
Montevideo, Uruguay [gonzalo@fisica.edu.uy]

Observers B. Salvo, S. Roland
0.46-m $f/2.8$ reflector + CCD, 0.35-m $f/6.4$ reflector + CCD
USNO-A2.0

[9, 3, 0*, 2004/08/24–2004/08/26]

849 Everstar Observatory, Olathe

G. Fedon, 12151 W. 123rd St., Olathe, KS 66061, U.S.A. [antares@everstar.com]
Observer M. Abraham

0.25-m Schmidt-Cassegrain + CCD
GSC-1.1

[2, 1, 0*, 2002/01/25]

850 Cordell-Lorenz Observatory, Sewanee

D. T. Durig, SPO 1242, Sewanee, TN 37383, U.S.A. [ddurig@sewanee.edu]

Observers D. T. Durig, F. R. Hartline
0.30-m Schmidt-Cassegrain + CCD, 0.35-m Schmidt + CCD
UCAC-2, USNO-B1.0

[165, 60, 0*, 2004/03/23–2004/08/23]

854 Sabino Canyon Observatory, Tucson

J. E. McGaha, 5100 Sabino Foothills, Tucson, AZ 85750, U.S.A.
[mcgaha@skepticus.com]

0.36-m $f/10.0$ Schmidt-Cassegrain + CCD
USNO-A2.0

[160, 52, 0*, 2004/05/11–2004/08/28]

859 Wykrota Observatory-CEAMIG

C. Jacques, P.O. Box 1084, Belo Horizonte, BR-30000 Minas Gerais, Brazil
[cjacques1f@yahoo.com.br]

0.30-m $f/3.0$ Schmidt-Cassegrain + CCD
UCAC-2

[646, 112, 0*, 2004/05/02–2004/08/23]

860 Valinhos

P. R. Holvorcem, C.P. 6694, Agência Barão Geraldo, BR-13084-970 Campinas SP,
Brazil [holvorcem@mpc.com.br]

Observers P. R. Holvorcem, M. Fidêncio Neto
0.36-m $f/3.6$ Schmidt-Cassegrain + CCD
USNO-A2.0

[5, 2, 0*, 2003/04/26–2003/08/02]

894 Otomo

S. Otomo, Kiyosato 3545-3902, Takane, Kitakoma-Gun, Yamanashi-Ken, 407-03
Japan

0.25-m $f/3.4$ reflector
PPM

[2, 1, 0*, 1993/09/14]

905 Nachi-Katsuura Observatory

T. Urata, 1-8, Dobayashi 1 Chome, Shimizu, Shizuoka-Ken 424, Japan
[urata@sannet.ne.jp]

Observer Y. Shimizu
Measurer T. Urata
0.40-m $f/3.3$ Baker-Schmidt
GSC

[2, 1, 0*, 1994/02/13]

910 Caussols-ODAS

A. Maury, Observatoire de la Côte d'Azur, B.P. 229, F-06304 Nice, France
[maury@obs-azur.fr]

G. Hahn, DLR Institute of Planetary Exploration, Rudower Chaussee 5, D-12489
Berlin, Germany [Gerhard.Hahn@DLR.de]

Observers A. Maury, D. Albanese, G. Hahn, M. Hoffmann
Measurers A. Maury, G. Hahn
0.90-m Schmidt + CCD

GSC

[256, 86, 0*, 1997/01/14–1999/02/18]

918 Badlands Observatory, Quinn

R. Dyvig, P.O. Box 37, Quinn, SD 57775, U.S.A. [rondyv@gwtc.net]

Observers R. Claussen, B. Loyola, R. Dyvig, S. Moore, V. Reddy
0.50-m $f/3.0$ reflector + CCD, 0.66-m $f/4.8$ reflector + CCD
GSC, UCAC-2, USNO-A2.0

[232, 2, 0*, 2004/07/17–2004/08/21]

919 Desert Beaver Observatory

W. K. Y. Yeung, 139 Sandringham Place NW, Calgary, AB T3K 3V8, Canada
[beaver07@theriver.com]

0.45-m $f/3$ Schmidt-Cassegrain + CCD
GSC-ACT

[4, 2, 0*, 2001/03/02–2001/03/29]

926 Tenagra II Observatory

M. Schwartz, Tenagra Observatories, HC 2 Box 292, Nogales, AZ 85621, U.S.A.
[mbs@tenagraobservatories.com]

Observers P. R. Holvorcem, M. Schwartz, M. Nicholson, M. Ory
0.81-m $f/7$ reflector + CCD
USNO-A2.0, USNO-B1.0, UCAC-2

[1876, 346, 8*, 2002/12/13–2004/06/17]

927 Madison-YRS

G. Sellek, 1 Provo Court, Madison, WI 53719, U.S.A. [orion98@tds.net]

Observers M. Mills, M. Hanson, G. Sellek
0.30-m $f/5$ Schmidt-Cassegrain + CCD
UCAC-2, USNO-A2.0

[31, 11, 0*, 2003/02/07–2004/08/05]

928 Moonedge Observatory, Northport

F. Schiralli Jr., 2 Moonedge Road, Northport, NY 11768, U.S.A.
[schiralli@mindspring.com]

0.36-m $f/6.1$ Schmidt-Cassegrain + CCD
USNO-SA2.0, UCAC-2

[36, 7, 0*, 2004/06/13–2004/08/23]

932 John J. McCarthy Obs., New Milford

M. Robson, P.O. Box 1144, New Milford, CT 06776, U.S.A.
 Observers M. Robson, D. Cartolano, W. Cloutier, S. Riley
 Measurers E. Holland, M. Robson
 0.4-m $f/6.5$ Schmidt-Cassegrain + CCD
 USNO-A2.0, UCAC-2
 [81, 21, 0*, 2004/01/19–2004/08/26]

938 Linhaceira

R. Goncalves, Instituto Politecnico Tomar, Area Fisica, Quinta do Contador,
 Estrada da Serra, P-2300 Tomar, Portugal [rui.goncalves@ipt.pt]
 0.25-m $f/6.7$ Schmidt-Cassegrain + CCD
 UCAC-2, USNO-A2.0
 [184, 43, 0*, 2004/04/09–2004/08/19]

939 Observatorio Rodeno

J. Castellano, Av. Primado Reig 183, E-46020 Valencia, Spain [julioc@ono.com]
 0.20-m $f/10$ Schmidt-Cassegrain + CCD
 USNO-A2.0, UCAC-2, USNO-B1.0
 [33, 8, 0*, 2004/05/08–2004/08/21]

941 Observatorio Pla D'Arguines

R. Ferrando, Guardia Civil N. 22, ESC-5 PTA.-34, E-46020 Valencia, Spain
 [rferrand@jazzfree.com]
 0.36-m $f/6.3$ Schmidt-Cassegrain + CCD
 UCAC-2, USNO-SA2.0
 [1938, 303, 14*, 2004/01/03–2004/08/29]

947 Saint-Sulpice

B. Christophe, 63 rue Belliard, F-75018 Paris, France [bchristo@club-
 internet.fr]
 0.60-m $f/5.6$ reflector + CCD
 USNO-A2.0
 [112, 26, 6*, 2003/08/25–2004/08/17]

950 La Palma

A. Fitzsimmons, Physics Department, Queen's University, Belfast BT7 1NN,
 Northern Ireland [a.fitzsimmons@qub.ac.uk] (3)
 R. Greimel, Instituto de Astrofisica de Canarias, Via Lactea, E-38200 La Laguna,
 Tenerife, Spain [greimel@ing.iac.es] (9)
 K. Aksnes, Institute of Theoretical Astrophysics, University of Oslo, Oslo, Norway
 [kaksnes@svati.uio.no] (10)
 Observers T. Grav, K. Aksnes, J. Näränen, X. H. Wang, M. Jarvis, L. Greimel
 Measurers G. Hahn, J. Virtanen, A. Fitzsimmons, S. C. Lowry, A. Boattini,
 G. D'Abramo, R. Miles
 1.0-m $f/15$ reflector + CCD, 2.5-m Isaac Newton Telescope + CCD, 4.2-m William
 Herschel Telescope + CCD
 USNO-A2.0, USNO-B1.0
 {10} [43, 9, 0*, 2004/06/18–2004/06/21]
 {3} [47, 13, 0*, 1998/11/17–2004/07/20]
 {9} [15, 5, 0*, 2003/08/10]

951 Highworth

J. W. Rock, 2 Spa Close, Highworth, Swindon, Wiltshire SN6 7PJ, England
 [john@highworthobs.fsnet.co.uk]

Observer J. Rock

0.25-m $f/6.3$ Schmidt-Cassegrain + CCD
 USNO-A2.0
 [836, 225, 0*, 2004/02/22–2004/08/26]

952 Marxuquera

J. J. Gómez D., Cardenal Cisneros 55-4-8, E-46700 Gandia, Spain
 [astsafor@arrakis.es]
 0.25-m Schmidt-Cassegrain + CCD
 USNO-A2.0, UCAC-2
 [392, 46, 0*, 2004/07/03–2004/08/28]

958 Observatoire de Dax

P. Dupouy, Observatoire de Dax, F-40100 Dax, France
 [Dupouy.Philippe@compuserve.com]
 Observer F. Marechal
 0.20-m $f/3.3$ Schmidt-Cassegrain + CCD
 USNO-A2.0
 [4, 1, 0*, 2004/08/14]

981 Armagh

A. A. Christou, Armagh Observatory, College Hill, Armagh, BT61 9DG, Northern
 Ireland [aac@arm.ac.uk]
 Observers A. A. Christou, S. McClure
 0.25-m $f/10$ Schmidt-Cassegrain + CCD
 [13, 4, 0*, 2004/07/23]

A02 Masia Cal Maciarol Modul 8

J. L. Salto G., C/ Tramuntana, 7, E-08630 Abreera, Catalonia, Spain
 [jlsalt@wanadoo.es]
 Observers J. L. Salto, A. Salto
 0.25-m $f/7.2$ Schmidt-Cassegrain + CCD
 UCAC-2, USNO-B1.0
 [8, 3, 0*, 2004/06/13–2004/08/19]

A03 Torredembarra

J. Moreno, Comarques Catalanes 2B, E-43830 Torredembarra, Catalonia, Spain
 [quimmoreno@hotmail.com]
 0.36-m $f/6.3$ Schmidt-Cassegrain + CCD
 USNO-A2.0
 [7, 2, 0*, 2004/05/14]

A06 Mataro

F. Garcia, Bonaire 25 Atic, E-08301 Mataro, Spain
 [cosmosmataro@astrosurf.com]
 Observers F. Garcia, E. Cortes
 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD
 USNO-A2.0, USNO-B1.0
 [10, 3, 0*, 2004/06/25–2004/06/27]

A10 Observatori Astronomic de Corbera

J. Barceló, C/ Del pla 11, E-08757 Corbera de Llobregat, Spain [joanba@ya.com]
 Observers M. Casao, F. Morillas, C. Rodriguez, J. Barceló
 0.30-m $f/4.76$ Newtonian reflector + CCD
 UCAC-2, USNO-A2.0
 [16, 4, 0*, 2004/07/09–2004/07/16]

A13 Observatoire Naef, Marly

P. Kocher, ufem Berg 23, CH-1734 Tentlingen, Switzerland [kocher@bluewin.ch]
 0.5-m $f/3.3$ Cassegrain + CCD
 UCAC-2, USNO-B1.0
 [390, 61, 0*, 2004/05/24-2004/08/28]

A16 Tentlingen

P. Kocher, ufem Berg 23, CH-1734 Tentlingen, Switzerland [kocher@bluewin.ch]
 0.3-m $f/4$ reflector + CCD
 UCAC-2, USNO-B1.0
 [893, 88, 0*, 2004/05/10-2004/08/18]

A20 Sögel

H. Roclawski, Westring 10, D-49751 Sögel, Germany [info@comp-media.de]
 0.25-m $f/8.2$ reflector + CCD
 USNO-B1.0
 [24, 7, 0*, 2004/07/28-2004/08/20]

A24 New Millennium Observatory, Mozzate

E. Cozzi, Via Borghi 14, I-22076 Mozzate, Italy [new.millennium@tin.it]
 0.36-m $f/9.4$ Schmidt-Cassegrain + CCD
 GSC
 [75, 18, 0*, 2004/08/14-2004/08/15]

A27 Eridanus Observatory, Langelsheim

E. Meyer, am Borbergsbach 18, D-38685 Langelsheim, Germany
 [eckart.meyer@tu-clausthal.de]
 0.15-m refractor + CCD
 USNO-A2.0
 [29, 6, 0*, 2004/05/23-2004/08/20]

A30 Crespadoro

S. Valentini, Via Scagi 06, Crespadoro (VI), Italy [stefanom42@libero.it]
 Observers S. Valentini, G. Peretto
 0.23-m $f/5.2$ Schmidt-Cassegrain + CCD
 UCAC-2, USNO-A2.0
 [187, 29, 0*, 2004/05/06-2004/08/24]

A32 Panker

H. Denzau, Im Brook 8, D-24321 Panker, Germany [denzau@t-online.de]
 0.36-m $f/5.5$ Schmidt-Cassegrain + CCD
 USNO-A2.0
 [90, 13, 0*, 2004/05/28-2004/08/23]

A33 Volkssternwarte Kirchheim

J. Schulz, Volkssternwarte Kirchheim, Arnstädter Str. 49, D-99334 Kirchheim,
 Germany [sternwarte.kirchheim@t-online.de]
 Observer B. Brinkmann
 0.5-m $f/5.0$ reflector + CCD
 UCAC-2, USNO-A2.0
 [11, 6, 0*, 2004/08/10]

A34 Grosshabersdorf

C. Sturm, Flurstraße 8, D-90613 Grosshabersdorf, Poseg, Germany
 [christian.sturm@poseg.de]
 0.20-m $f/10$ Schmidt-Cassegrain + CCD
 UCAC-2

[335, 65, 0*, 2004/06/12-2004/08/20]

A35 Hormersdorf Observatory

J. Lorenz, An den drei Teichen 35, D-09395 Hormersdorf, Germany
 [joachim.lorenz.hormersdorf@t-online.de]
 0.30-m $f/6$ Newtonian + CCD
 USNO-A2.0
 [348, 100, 1*, 2004/05/21-2004/08/22]

A38 Campocattino Automated Telescope, Colleparado

G. Masi, Via Madonna de Loco 47, I-03023 Ceccano (FR), Italy
 [gianluca@bellatrixobservatory.org]
 Observers F. Mallia, G. Masi, U. Tagliaferri
 Measurers U. Tagliaferri, F. Mallia, M. Di Sora
 0.40-m $f/8.0$ reflector + CCD
 USNO-SA2.0
 [2, 1, 0*, 2003/01/01]

A39 Altenburg

J. Kopplin, Geraer Str. 37, Altenburg, Germany [Joerg.Kopplin@t-online.de]
 0.25-m $f/5.8$ Schmidt-Cassegrain + CCD
 UCAC-2
 [7, 2, 0*, 2004/05/29-2004/05/30]

A41 Rezman Observatory, Kamnik

R. Palcic, Rezman Observatory, Pot na Poljane 9, SI-1241 Kamnik, Slovenia
 [rok.palcic@kks-kamnik.si]
 Observers R. Palcic, A. Spenko
 0.41-m $f/3.1$ reflector + CCD
 UCAC-2, USNO-A2.0
 [386, 96, 0*, 2004/03/15-2004/08/24]

A44 Altschwendt

W. Ries, Privatobservatory Altschwendt, Altenseng 6, A-4721 Altschwendt, Austria
 [diriesw@aon.at]
 0.30-m $f/6$ reflector + CCD
 USNO-SA2.0
 [197, 49, 6*, 2004/08/08-2004/08/24]

A48 Verona

F. Rossetti, Via Di Vittorio 6, Povegliano Veronese (Verona), Italy
 [rosfla@libero.it]
 0.3-m $f/5$ Newtonian + CCD
 USNO-A2.0
 [116, 17, 0*, 2004/05/10-2004/08/07]

A49 Uppsala-Ångström

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 G. Hahn, DLR - Institute Space Sensor Technology and of Planetary Exploration,
 Rutherfordstrasse 2, D-12489 Berlin, Germany [Gerhard.Hahn@DLR.de]
 Observers O. Karlsson, C.-I. Lagerkvist, T. Oja
 Measurers G. Hahn, O. Karlsson, C.-I. Lagerkvist, S. Mottola, J. Warell
 0.90-m $f/4$ reflector + CCD
 USNO-SA2.0
 [16, 5, 0*, 2004/04/08-2004/04/15]

A50 Andrushivka Astronomical Observatory

Yu. Ivashchenko, 3-7 Observatorna Sreet, Andrushivka, Zhytomyr reg, Ukraine
[yurets@gluk.org]

Observers V. Lokot, N. Kovalenko, O. Gerashchenko, Y. Ivashchenko,
O. Drobenko, O. Naumov, D. Kyrylenko

0.6-m reflector + CCD
USNO-A2.0

[172, 34, 2*, 2004/05/01-2004/08/25]

A53 Peschiera del Garda

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[roberto945@interfree.it]

0.25-m Schmidt-Cassegrain + CCD
USNO-A2.0

[83, 15, 0*, 2004/02/15-2004/07/03]

A54 Ostrorog

M. Reszelski, Al.1-go Maja 29/4, PL-64500 Szamotuly, Poland
[macres@pro.onet.pl]

0.13-m reflector + CCD
USNO-A2.0

[2, 1, 0*, 2004/05/28]

A55 Osservatorio Astronomico Vallemare di Borbona

V. S. Casulli, via Monte Rosa 1, I-00012 Colleverde di Guidonia (RM), Italy
[v.casulli@libero.it]

0.40-m reflector + CCD
USNO-A2.0

[267, 44, 2*, 2004/05/18-2004/08/18]

A56 Parma

A. Carbognani, via Gioberti 8, Parma, Italy [albino.carbognani@libero.it]

0.25-m $f/4.8$ reflector + CCD
USNO-SA2.0, GSC-1.1

[105, 13, 0*, 2004/06/07-2004/08/22]

B18 Terskol

S. Barabanov, Institute of Astronomy of RAS, 48 Pyatnitskaya, Moscow 109017,
Russia [inasan@burbonz.nalnet.ru]

Observers S. Barabanov, A. Sergeev
Measurers S. Barabanov, M. Smirnov

2.0-m $f/1.78$ reflector + CCD
USNO-A2.0

[1, 1, 0*, 2000/10/04]

D87 Brooklyn Park

M. Mattiazzo, 15 Bedford St., Brooklyn Park, SA 5032, Australia [mmatti@yp-
connect.net]

0.28-m $f/3.3$ Schmidt-Cassegrain + CCD
USNO-A2.0

[6, 2, 0*, 2004/06/27]

D89 Yamagata

K. Itagaki, 1-40, Techo-cho 3 Chome, Yamagata, Yamagata-ken, 990-2492 Japan

0.60-m $f/5.7$ reflector + CCD

GSC-ACT

[27, 4, 0*, 2004/04/13-2004/07/02]

E12 Siding Spring Survey

R. H. McNaught, Siding Spring Observatory, Coonabarabran, NSW 2357, Australia
[rmn@mso.anu.edu.au]

Observers G. J. Garradd, S. M. Larson, R. H. McNaught, E. C. Beshore,
E. J. Christensen, R. E. Hill, D. McLean

Measurers G. J. Garradd, R. H. McNaught, E. J. Christensen, E. C. Beshore,
R. E. Hill, S. M. Larsen

0.5-m Uppsala Schmidt + CCD
UCAC-2

[119457, 17961, 518*, 2004/03/04-2004/08/28]

E14 Hunters Hill Observatory, Ngunnawal

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Observer D. Higgins

0.36-m Schmidt-Cassegrain + CCD
UCAC-2

[220, 52, 2*, 2004/05/09-2004/08/25]

E17 Leura

J. Oey, 94 Rawson Pde., Leura, NSW, Australia [julianoey1@optusnet.com.au]

0.35-m Schmidt-Cassegrain + CCD
UCAC-2

[174, 55, 0*, 2003/09/12-2004/08/27]

E25 Rochedale (APTA)

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Observers S. Sinclair, D. Higgins

Measurer S. Sinclair

0.25-m Schmidt-Cassegrain + CCD
UCAC-2

[46, 17, 0*, 2004/05/04-2004/05/16]

F65 Haleakala-Faulkes Telescope North

D. Bowdley, Faulkes Telescope Project, Cardiff University, Cardiff CF24 3YB,
Wales [david.bowdley@astro.cf.ac.uk]

Observers A. D. Taylor, T. O'Brien, I. Morison

Measurer L. Kurtze

2-m reflector + CCD
USNO-A2.0, USNO-B1.0

[108, 10, 0*, 2004/04/02-2004/07/27]

G64 Blue Canyon Observatory

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0.36-m Schmidt-Cassegrain + CCD
UCAC-2

[38, 14, 0*, 2004/08/15]

G66 Lake Forest Observatory, Forest Hills

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[mike.alkema@att.net]

0.36-m $f/4.1$ Schmidt-Cassegrain + CCD
UCAC-2

[105, 34, 0*, 2004/07/04-2004/08/22]

G70 Francisquito Observatory, Los Angeles

R. E. Jones, 28358 N. Mayfair Dr., Valencia, CA 91354, U.S.A.

[fsq34d28n118d33w@ao1.com]

0.30-m $f/6.7$ reflector + CCD

USNO-A2.0, UCAC-2

[358, 56, 3*, 2004/05/02-2004/08/27]

G72 University Hills

J. Foster, 4858 Seldner Ave., Los Angeles, CA 90032, U.S.A. [be686@lafn.org]

0.33-m reflector + CCD

USNO-SA2.0

[205, 17, 0*, 2004/05/02-2004/08/26]

G73 Mount Wilson-TIE

D. Hellmann, 18401 N. 32st, Phoenix, AZ 85032, U.S.A.

[david.hellmann@pvmail.maricopa.edu]

0.61-m $f/3.5$ reflector + CCD

UCAC-2

[12, 3, 0*, 2004/05/08-2004/06/17]

G90 Three Buttes Observatory, Tucson

G. R. Jones, P.O. Box 8645, Tucson, AZ 85738, U.S.A. [gil@threebuttes.com]

0.4-m Ritchey-Chrétien + CCD, 0.35-m $f/11.0$ Schmidt-Cassegrain + CCD

USNO-A2.0

[108, 36, 0*, 2004/05/23-2004/08/27]

G92 Jarnac Observatory, Vail

D. H. Levy, 2500 E Wetstones Rd, Vail, AZ 85641, U.S.A. [david@jarnac.org]

Observers D. Levy, W. Levy, T. Glinos

0.35-m $f/1.9$ Schmidt-Cassegrain + CCD, 0.64-m $f/7.2$ Ritchey-Chrétien + CCD

USNO-A2.0

[679, 206, 1*, 2004/04/19-2004/08/26]

G98 Calvin-Rehoboth Observatory, Rehoboth

L. A. Molnar, Dept. of Physics & Astronomy, Calvin College, 1734 Knollcrest

Circle SE, Grand Rapids, MI 49546, U.S.A. [lmolnar@calvin.edu]

USNO-A2.0

[404, 31, 2*, 2004/02/14-2004/02/17]

H04 Santa Fe

R. Hart, 2601 Vista de Jemez, Santa Fe, NM 87505, U.S.A. [bobh@newmexico.com]

0.25-m Schmidt-Cassegrain + CCD

USNO-B1.0

[14, 4, 0*, 2004/06/10-2004/07/13]

H06 New Mexico Skies Observatory

U. Wolff, Ziemensstraße 25 a, D-14542 Glindow, Germany [vermessung.Wolff@t-online.de]

Observers R. Hutsebaut, U. Wolff, J. Sue

0.30-m reflector + CCD, 0.25-m reflector + CCD

USNO-B1.0, UCAC-2

[368, 71, 1*, 2004/05/05-2004/08/27]

H07 7300 Observatory, Cloudcroft

W. K. Y. Yeung, 139 Sandringham Place NW, Calgary, AB T3K 3V8, Canada

[Calgarian@canada.com]

0.45-m $f/3$ Schmidt-Cassegrain + CCD

GSC-ACT

[259, 71, 7*, 2004/07/17-2004/07/19]

H36 Sandlot Observatory, Scranton

G. Hug, 964 W. 149th St., Scranton, KS 66537, U.S.A. [frogstar@intergate.com]

0.3-m Schmidt-Cassegrain + CCD

UCAC-2, USNO-B1.0

[114, 33, 1*, 2003/10/18-2004/08/27]

H41 Petit Jean Mountain

P. C. Sherrod, 794 Drake Drive, Conway, AR 72034, U.S.A. [drclay@tcworks.net]

0.41-m $f/3.3$ Schmidt-Cassegrain + CCD

UCAC-2, USNO-A2.0

[3147, 70, 0*, 2004/05/02-2004/08/28]

H42 Wartburg College Observatory, Waverly

C. Figura, Wartburg College, 100 Wartburg Blvd., Waverly, IA 50677, U.S.A.

[charles.figura@wartburg.edu]

0.3-m $f/6.3$ reflector + CCD

USNO-A2.0

[7, 2, 0*, 2004/04/01]

H55 Antares Observatory, Charleston

R. Holmes, 7616 NCR 1800E, Charleston, IL 61920, U.S.A. [astro@advant.net]

0.40-m Schmidt-Cassegrain + CCD

USNO-A2.0

[45, 13, 1*, 2004/03/19-2004/08/17]

H59 Prairie Grass Observatory, Camp Cullom

J. Mahony, 304 S. 6th #3W, Lafayette, IN 47901, U.S.A. [jmmahony@hotmail.com]

0.30-m Schmidt-Cassegrain + CCD

USNO-B1.0

[10, 2, 0*, 2004/05/16-2004/06/29]

H67 Stonegate Observatory, Ann Arbor

G. Vander Haagen, 825 Stonegate Road, Ann Arbor, MI 48103, U.S.A.

[garyvh@worldnet.att.net]

0.35-m Schmidt-Cassegrain + CCD

GSC

[15, 5, 0*, 2004/08/06-2004/08/22]

H72 Evelyn L. Egan Observatory, Fort Myers

M. Fauerbach, Florida Gulf Coast University, 10501 FGCU Blvd., Fort Myers,

FL 33965, U.S.A. [mfauerba@fgcu.edu]

Observers M. Fauerbach, T. Bennett, M. Mon

0.40-m $f/5.3$ reflector + CCD

USNO-SA2.0

[194, 19, 0*, 2004/05/14-2004/07/24]

H79 York University Observatory, Toronto

O. Vaduvescu, York University, Department of Physics and Astronomy, 128

Petrie Science Building, 4700 Keele Street, Toronto, ON M3J 1P3, Canada

[ovidiu@yorku.ca]

0.60-m $f/13.6$ Cassegrain + CCD

Tycho-2

[80, 3, 0*, 2002/11/09–2004/08/22]

H86 CBA-East Observatory, Laurel

D. Skillman, 9517 Washington Ave., Laurel, MD 20723, U.S.A.

[dskillman@comcast.net]

0.66-m $f/2.7$ reflector + CCD

UCAC-2

[12, 4, 0*, 2004/05/15–2004/08/24]

H97 Talcott Mountain Science Center, Avon

M. Meredith, Talcott Mountain Science Center, Montevideo Road, Avon,
CT 06001, U.S.A. [mmeredith@g3.tmsc.org]

Observers M. Meredith, K. Zagorski, H. Eckhoff, C. Matlack

0.41-m Schmidt-Cassegrain + CCD

USNO-B1.0

[19, 4, 0*, 2004/05/02–2004/05/29]

I02 Cerro Tololo Observatory, La Serena–2MASS

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Measurers R. M. Cutri, M. F. Skrutskie, S. Van Dyk, C. A. Beichman,
J. M. Carpenter, T. Chester, L. Cambresy, T. Evans, J. Fowler, J. Gizis,
E. Howard, J. Huchra, T. Jarrett, E. L. Kopan, J. D. Kirkpatrick,
R. M. Light, K. A. Marsh, H. McCallon, S. Schneider, R. Stiening, M. Sykes,
D. J. Tholen, M. Weinberg, W. A. Wheaton, S. Wheelock, N. Zacarias

1.3-m reflector + CCD

Tycho-2

<http://www.ipac.caltech.edu/2mass/>

[1, 1, 0*, 1998/08/01]

I03 European Southern Obs., La Silla–ASTROVIRTEL

C. Barbieri, Astronomical Observatory and Dept. of Astronomy of the
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[barbieri@pd.astro.it]

Measurers S. Magrin, S. Marchi, A. Migliorini

2.2-m reflector + CCD

UCAC-2

[301, 57, 7*, 2000/06/30–2003/02/08]

I05 Las Campanas Observatory-TIE

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Observers G. Masi, F. Mallia

0.36-m SoTIE reflector + CCD

UCAC-2, USNO-SA2.0

{1} [5, 2, 0*, 2004/06/14–2004/06/17]

{2} [19, 4, 0*, 2004/06/17–2004/07/07]

I10 CAOS-CampoCatino Austral Observatory Survey

G. Masi, Via Madonna de Loco 47, I-03023 Ceccano (FR), Italy

[gianluca@bellatrixobservatory.org]

Observers G. Masi, F. Mallia

0.50-m $f/3$ reflector + CCD

UCAC-2

[16, 4, 0*, 2004/05/26]

J50 La Palma-NEON

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[karri.muinonen@helsinki.fi]

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Measurers G. Hahn, J. Virtanen, J. Näränen

2.5-m $f/11$ Nordic Optical Telescope + CCD

USNO-B1.0, USNO-A2.0

[77, 17, 1*, 2004/05/26–2004/08/18]

J56 Observatorio La Avejerilla

J. L. Doreste C., C/ Rafael Mesa y Lopez 67, 5 Dcha., E-35012 Las Palmas de
Gran Canaria, Canary Islands, Spain [jdoreste@iusiani.ulpgc.es]

Observers V. Cabrera, J. Doreste

0.25-m Schmidt-Cassegrain + CCD

UCAC-2, USNO-A2.0

[4, 2, 0*, 2004/08/14–2004/08/15]

J75 OAM Observatory, La Sagra

S. Sanchez, Observatori Astronómic de Mallorca, Camí de l'observatori s/n,
E-07144 Costitx, Balears, Spain [astroam@bitel.es]

Observers S. Sanchez, R. Stoss, J. Nomen, J. L. Ortiz

0.35-m $f/6$ Schmidt-Cassegrain + CCD

UCAC-2

[9, 3, 0*, 2004/05/19–2004/05/23]

J78 Murcia

J. Sánchez, Casa del Aire 27, E-30107 Guadalupe (Murcia), Spain

[joaquin@intersa.es]

0.25-m $f/3.3$ Schmidt-Cassegrain + CCD

USNO-A2.0

[22, 7, 0*, 2004/05/15–2004/08/19]

J81 Guirguillano

P. Martorell, c/Lago 13 2-C, E-31016 Pamplona, Spain [pmartorell@masbytes.es]

Observers P. Martorell, J. Salamero

0.31-m $f/4.85$ reflector + CCD

USNO-A2.0

[20, 4, 0*, 2004/07/13–2004/08/14]

J86 Sierra Nevada Observatory

J. L. Ortiz, Instituto de Astrofísica de Andalucía, Camino Bajo de Hueter 24, E-
18008 Granada, Spain [Ortiz@iaa.es]

Observers J. L. Ortiz, F. J. Aceituno, A. Sota

Measurers J. L. Ortiz, P. Santos-Sanz, R. Stoss, A. Sota

0.36-m $f/6$ Schmidt-Cassegrain + CCD, 1.50-m $f/8.0$ Ritchey-Chrétien + CCD

USNO-B1.0

[8, 3, 0*, 2004/07/20–2004/08/28]

J87 La Cañada

J. Lacruz, Ramon Gomez de la Serna 83 7F, E-28035 Madrid, Spain
[juan_lacruz@yahoo.com]

0.30-m Schmidt-Cassegrain + CCD
UCAC-2, USNO-B1.0, USNO-A2.0
[338, 78, 1*, 2003/02/01-2004/08/20]

J92 Beaconsfield

D. Stokes, 3 Old Farm Close, Beaconsfield HP9 2TH, England
[david5qzstokes@hotmail.com]

0.30-m $f/10.0$ Schmidt-Cassegrain + CCD
USNO-A2.0
[126, 11, 0*, 2004/05/23-2004/08/06]

J93 Mount Tuffley Observatory, Gloucester

J. Fletcher, 54 Windsor Drive, Tuffley, Gloucester GL4 0QT, England
[jfmto@blueyonder.co.uk]

0.25-m $f/5.5$ Schmidt-Cassegrain + CCD
USNO-A2.0
[129, 15, 0*, 2004/05/06-2004/08/19]

J94 Abbeydale

A. E. Cahill, Mount Abbeydale, 51 Fieldfare, Abbeydale, Gloucester GL4 4WH,
England [alancahill@blueyonder.co.uk]

0.2-m Schmidt-Cassegrain + CCD
USNO-A2.0, USNO-B1.0, UCAC-2
[120, 33, 0*, 2004/05/06-2004/08/27]

J95 Great Shefford

P. Birtwhistle, Phlox Cottage, Wantage Road, Great Shefford, Berkshire
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0.30-m $f/6.3$ Schmidt-Cassegrain + CCD
USNO-B1.0, UCAC-2
[667, 126, 4*, 2004/05/03-2004/08/28]

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MPCADO (entirely automated processing on MPC computer ADONIS)
MPCALB (entirely automated processing on MPC computer ALBERT)

C/1996 L2 (SOHO)

T	1996 June 14.35 TT			MPC
q	0.0053	(2000.0)	P	Q
		ω 57.28	+0.18571	-0.94599
		Ω 333.67	-0.97437	-0.14235
e	1.0	i 143.19	+0.12696	+0.29128

From 7 observations 1996 June 13.

C/1996 M3 (SOHO)

T	1996 June 21.15 TT			MPC
q	0.0065	(2000.0)	P	Q
		ω 79.79	+0.11854	-0.99137
		Ω 355.33	-0.93602	-0.09277
e	1.0	i 136.59	+0.33138	+0.09260

From 5 observations 1996 June 20.

C/2002 K11 (SOHO)

T	2002 May 27.08 TT			MPC
q	0.0050	(2000.0)	P	Q
		ω 86.59	+0.18924	-0.97709
		Ω 9.39	-0.95310	-0.20662
e	1.0	i 143.35	+0.23622	-0.05093

From 8 observations 2002 May 26.

C/2004 D1 (NEAT)

Epoch 2006 Jan. 25.0 TT = JDT 2453760.5

T	2006 Feb. 10.8131 TT			MPC
q	4.974519	(2000.0)	P	Q
z	-0.000289	ω 75.5415	-0.4840024	-0.6055770
	± 0.000033	Ω 62.2540	+0.2175108	-0.7824642
e	1.001438	i 45.5404	+0.8476029	-0.1450046

From 54 observations 2003 Dec. 22-2004 Aug. 19, mean residual 0^h.6.

C/2004 K1 (Catalina)

Epoch 2005 July 9.0 TT = JDT 2453560.5

T	2005 July 5.1618 TT			MPC
q	3.398899	(2000.0)	P	Q
z	+0.000583	ω 97.7632	-0.5981512	-0.7641551
	± 0.000043	Ω 326.9242	-0.7898844	+0.6130296
e	0.998019	i 153.7455	+0.1352690	+0.2006534

From 229 observations 2004 May 21-Aug. 25, mean residual 0^h.5.

P/2004 K2 (McNaught)

Epoch 2004 June 4.0 TT = JDT 2453160.5

<i>T</i>	2004 June 16.8399 TT		MPC	
<i>q</i>	1.554699	(2000.0)	P	Q
<i>n</i>	0.1787572	<i>ω</i> 180.7887	+0.8738731	+0.4810329
<i>a</i>	3.121000	<i>Ω</i> 150.1313	-0.4452604	+0.8500502
<i>e</i>	0.501859	<i>i</i> 8.1242	-0.1951641	+0.2145273
<i>P</i>	5.51			

From 68 observations 2004 May 20–Aug. 28, mean residual 0^{''}.8.**C/2004 L1 (LINEAR)**

Epoch 2005 Mar. 11.0 TT = JDT 2453440.5

<i>T</i>	2005 Mar. 30.1083 TT		MPC	
<i>q</i>	2.046835	(2000.0)	P	Q
<i>z</i>	+0.001179	<i>ω</i> 243.5983	-0.9463946	-0.0189084
	±0.000128	<i>Ω</i> 66.1785	+0.0629819	+0.9683228
<i>e</i>	0.997587	<i>i</i> 159.3604	-0.3168131	+0.2489846

From 137 observations 2004 June 12–Aug. 13, mean residual 0^{''}.6.**C/2004 L2 (LINEAR)***T* 2005 Nov. 14.9825 TT

<i>q</i>	3.781241 (2000.0)		MPC	
	<i>ω</i>	257.2590	+0.4767360	-0.0563215
	<i>Ω</i>	99.2113	+0.2107427	+0.9761652
<i>e</i>	1.0	<i>i</i> 62.7104	-0.8534110	+0.2095933

From 45 observations 2004 June 11–July 16.

C/2004 L3 (SOHO)*T* 2004 June 5.62 TT

<i>q</i>	0.0050 (2000.0)		MPC	
	<i>ω</i>	109.81	+0.12676	-0.88760
	<i>Ω</i>	37.61	-0.93184	-0.25958
<i>e</i>	1.0	<i>i</i> 133.49	+0.34001	-0.38051

From 4 observations 2004 June 5.

C/2004 L4 (SOHO)*T* 2004 June 8.43 TT

<i>q</i>	0.0056 (2000.0)		MPC	
	<i>ω</i>	102.10	+0.19913	-0.90620
	<i>Ω</i>	32.40	-0.91755	-0.30610
<i>e</i>	1.0	<i>i</i> 135.88	+0.34418	-0.29173

From 7 observations 2004 June 7–8.

C/2004 L5 (SOHO)*T* 2004 June 8.65 TT

<i>q</i>	0.0050 (2000.0)		MPC	
	<i>ω</i>	89.25	+0.18218	-0.97451
	<i>Ω</i>	12.36	-0.94970	-0.20889
<i>e</i>	1.0	<i>i</i> 142.30	+0.25472	-0.08184

From 7 observations 2004 June 8.

C/2004 L6 (SOHO)*T* 2004 June 9.99 TT

<i>q</i>	0.0049 (2000.0)		MPC	
	<i>ω</i>	98.23	+0.18065	-0.94096
	<i>Ω</i>	25.12	-0.92833	-0.25928
<i>e</i>	1.0	<i>i</i> 137.60	+0.32492	-0.21763

From 6 observations 2004 June 9.

C/2004 L7 (SOHO)*T* 2004 June 10.19 TT

<i>q</i>	0.0075 (2000.0)		MPC	
	<i>ω</i>	55.81	+0.18239	-0.92802
	<i>Ω</i>	330.47	-0.96759	-0.11072
<i>e</i>	1.0	<i>i</i> 138.77	+0.17466	+0.35570

From 19 observations 2004 June 9.

C/2004 L8 (SOHO)*T* 2004 June 11.07 TT

<i>q</i>	0.0049 (2000.0)		MPC	
	<i>ω</i>	77.92	+0.15229	-0.98636
	<i>Ω</i>	355.13	-0.90761	-0.11454
<i>e</i>	1.0	<i>i</i> 132.59	+0.39122	+0.11823

From 10 observations 2004 June 10.

C/2004 L9 (SOHO)*T* 2004 June 11.48 TT

<i>q</i>	0.0051 (2000.0)		MPC	
	<i>ω</i>	96.17	+0.19369	-0.95188
	<i>Ω</i>	22.25	-0.94293	-0.24746
<i>e</i>	1.0	<i>i</i> 141.15	+0.27086	-0.18078

From 12 observations 2004 June 10–11.

C/2004 L10 (SOHO)*T* 2004 June 14.10 TT

<i>q</i>	0.0431 (2000.0)		MPC	
	<i>ω</i>	69.72	-0.25383	-0.95890
	<i>Ω</i>	35.76	+0.78656	-0.28095
<i>e</i>	1.0	<i>i</i> 12.54	+0.56293	-0.03981

From 16 observations 2004 June 13–14.

C/2004 L11 (SOHO)*T* 2004 June 15.72 TT

<i>q</i>	0.0080 (2000.0)		MPC	
	<i>ω</i>	62.25	+0.22720	-0.96129
	<i>Ω</i>	343.04	-0.96919	-0.20757
<i>e</i>	1.0	<i>i</i> 147.71	+0.09513	+0.18118

From 7 observations 2004 June 15.

C/2004 M1 (SOHO)*T* 2004 June 18.52 TT

<i>q</i>	0.0049 (2000.0)		MPC	
	<i>ω</i>	79.46	+0.18305	-0.98310
	<i>Ω</i>	0.01	-0.96622	-0.17991
<i>e</i>	1.0	<i>i</i> 145.93	+0.18143	+0.03371

From 37 observations 2004 June 18.

C/2004 M2 (SOHO)

<i>T</i>	2004 June 25.72 TT		MPC	
<i>q</i>	0.0049	(2000.0)	P	Q
	<i>ω</i>	67.27	+0.20092	-0.97038
	<i>Ω</i>	346.57	-0.96616	-0.17369
<i>e</i>	1.0	<i>i</i>	144.72	+0.16176
				+0.16788

From 22 observations 2004 June 24–25.

C/2004 M3 (SOHO)

<i>T</i>	2004 June 26.76 TT		MPC	
<i>q</i>	0.0078	(2000.0)	P	Q
	<i>ω</i>	38.05	+0.29269	-0.87359
	<i>Ω</i>	320.26	-0.95619	-0.26997
<i>e</i>	1.0	<i>i</i>	142.55	-0.00606
				+0.40491

From 10 observations 2004 June 26.

C/2004 M4 (SOHO)

<i>T</i>	2004 June 27.41 TT		MPC	
<i>q</i>	0.0049	(2000.0)	P	Q
	<i>ω</i>	84.49	+0.18087	-0.98163
	<i>Ω</i>	6.04	-0.96068	-0.18958
<i>e</i>	1.0	<i>i</i>	144.68	+0.21066
				-0.02172

From 21 observations 2004 June 26–27.

C/2004 M5 (SOHO)

<i>T</i>	2004 June 27.91 TT		MPC	
<i>q</i>	0.0051	(2000.0)	P	Q
	<i>ω</i>	62.65	+0.20934	-0.96144
	<i>Ω</i>	341.83	-0.96866	-0.17896
<i>e</i>	1.0	<i>i</i>	145.12	+0.13368
				+0.20880

From 10 observations 2004 June 27.

C/2004 M6 (SOHO)

<i>T</i>	2004 June 27.91 TT		MPC	
<i>q</i>	0.0050	(2000.0)	P	Q
	<i>ω</i>	64.99	+0.20542	-0.96595
	<i>Ω</i>	344.20	-0.96685	-0.17540
<i>e</i>	1.0	<i>i</i>	144.70	+0.15164
				+0.19022

From 9 observations 2004 June 27.

C/2004 M7 (SOHO)

<i>T</i>	2004 June 28.25 TT		MPC	
<i>q</i>	0.0052	(2000.0)	P	Q
	<i>ω</i>	85.53	+0.16425	-0.98443
	<i>Ω</i>	6.15	-0.96211	-0.17389
<i>e</i>	1.0	<i>i</i>	144.26	+0.21762
				-0.02576

From 9 observations 2004 June 27.

C/2004 N1 (SOHO)

<i>T</i>	2004 July 1.65 TT		MPC	
<i>q</i>	0.0050	(2000.0)	P	Q
	<i>ω</i>	79.79	+0.18422	-0.98287
	<i>Ω</i>	0.49	-0.96552	-0.18187
<i>e</i>	1.0	<i>i</i>	145.83	+0.18394
				+0.02968

From 10 observations 2004 July 1.

C/2004 N2 (SOHO)

<i>T</i>	2004 July 2.58 TT		MPC	
<i>q</i>	0.0047	(2000.0)	P	Q
	<i>ω</i>	73.45	+0.19594	-0.97852
	<i>Ω</i>	353.62	-0.96305	-0.17971
<i>e</i>	1.0	<i>i</i>	144.80	+0.18476
				+0.10104

From 43 observations 2004 July 1–2.

C/2004 N3 (SOHO)

<i>T</i>	2004 July 6.53 TT		MPC	
<i>q</i>	0.0048	(2000.0)	P	Q
	<i>ω</i>	85.04	+0.17677	-0.98214
	<i>Ω</i>	6.41	-0.96165	-0.18629
<i>e</i>	1.0	<i>i</i>	144.75	+0.20974
				-0.02638

From 38 observations 2004 July 5–6.

C/2004 N4 (SOHO)

<i>T</i>	2004 July 7.93 TT		MPC	
<i>q</i>	0.0076	(2000.0)	P	Q
	<i>ω</i>	67.01	+0.20113	-0.96793
	<i>Ω</i>	345.84	-0.95856	-0.16283
<i>e</i>	1.0	<i>i</i>	142.03	+0.20175
				+0.19131

From 10 observations 2004 July 7.

C/2004 N5 (SOHO)

<i>T</i>	2004 July 8.79 TT		MPC	
<i>q</i>	0.0055	(2000.0)	P	Q
	<i>ω</i>	76.56	+0.20131	-0.97929
	<i>Ω</i>	357.80	-0.96392	-0.19415
<i>e</i>	1.0	<i>i</i>	146.04	+0.17419
				+0.05737

From 24 observations 2004 July 8.

C/2004 N6 (SOHO)

<i>T</i>	2004 July 9.85 TT		MPC	
<i>q</i>	0.0049	(2000.0)	P	Q
	<i>ω</i>	104.74	+0.06538	-0.95617
	<i>Ω</i>	24.76	-0.94957	-0.14752
<i>e</i>	1.0	<i>i</i>	137.04	+0.30667
				-0.25293

From 7 observations 2004 July 9.

C/2004 O1 (SOHO)

<i>T</i>	2004 July 18.71 TT		MPC	
<i>q</i>	0.0068	(2000.0)	P	Q
	<i>ω</i>	85.62	+0.17656	-0.98167
	<i>Ω</i>	7.12	-0.96123	-0.18764
<i>e</i>	1.0	<i>i</i>	144.67	+0.21179
				-0.03324

From 57 observations 2004 July 16–18.

C/2004 O2 (SOHO)

<i>T</i>	2004 July 18.58 TT		MPC	
<i>q</i>	0.0058	(2000.0)	P	Q
	<i>ω</i>	75.24	+0.18028	-0.98205
	<i>Ω</i>	354.61	-0.96176	-0.16415
<i>e</i>	1.0	<i>i</i>	143.76	+0.20619
				+0.09296

From 27 observations 2004 July 17–18.

C/2004 O3 (SOHO)

T		MPC		Q	
2004 July 26.64 TT					
q	(2000.0)	P		Q	
	ω 101.14	+0.10190		-0.96321	
	Ω 22.27	-0.95189		-0.16704	
e	i 138.99	+0.28901		-0.21055	

From 9 observations 2004 July 26.

C/2004 P1 (NEAT)

T		MPC		Q	
2003 Aug. 5.779 TT					
q	(2000.0)	P		Q	
	ω 16.261	+0.474749		+0.745458	
	Ω 284.301	-0.851690		+0.255095	
e	i 28.871	-0.221894		+0.615808	

From 52 observations 2004 Aug. 5-22.

C/2004 Q1 (Tucker)

T		MPC		Q	
2004 Dec. 7.938 TT					
q	(2000.0)	P		Q	
	ω 33.718	+0.654746		-0.687944	
	Ω 22.107	+0.365234		-0.074727	
e	i 56.307	+0.661749		+0.721907	

From 94 observations 2004 Aug. 22-30.

C/2004 Q2 (Machholz)

T		MPC		Q	
2005 Jan. 24.837 TT					
q	(2000.0)	P		Q	
	ω 19.591	-0.320380		-0.713939	
	Ω 93.580	+0.764464		-0.583002	
e	i 38.596	+0.559421		+0.387814	

From 38 observations 2004 Aug. 27-30.

S/2002 N 1

Epoch		MPC		Q	
2004 July 14.0 TT = JDT 2453200.5					
M	(2000.0)	P		Q	
n	0.19174828	ω 156.92276	+0.63913721	+0.51944129	
a	0.1108213	Ω 217.66490	+0.47695562	+0.31081830	
e	0.2606986	i 111.84334	+0.60333818	-0.79597282	
P	1877.46 d	H 9.8	G 0.15		

From 48 observations 1999 July 18-2004 June 19, mean residual 0".40.

S/2002 N 2

Epoch		MPC		Q	
2004 July 14.0 TT = JDT 2453200.5					
M	(2000.0)	P		Q	
n	0.12352647	ω 63.44138	-0.26483875	-0.66109525	
a	0.1485722	Ω 61.77587	+0.31251152	-0.74755320	
e	0.1388225	i 52.81945	+0.91224831	+0.06416603	
P	2914.36 d	H 11.0	G 0.15		

From 34 observations 2001 July 23-2004 June 19, mean residual 0".44.

S/2002 N 4

Epoch		MPC		Q	
2004 July 14.0 TT = JDT 2453200.5					
M	(2000.0)	P		Q	
n	0.03789998	ω 81.11895	+0.65622267	-0.60080910	
a	0.3266015	Ω 45.97947	-0.63435277	-0.76688085	
e	0.6154541	i 140.59177	+0.40861763	-0.22565946	
P	9498.69 d	H 10.4	G 0.15		

From 31 observations 2002 Aug. 14-2004 June 19, mean residual 0".47.

S/2003 N 1

Epoch		MPC		Q	
2004 July 14.0 TT = JDT 2453200.5					
M	(2000.0)	P		Q	
n	0.03723488	ω 126.33658	-0.74612158	-0.39661211	
a	0.3304793	Ω 319.60444	-0.23003590	+0.90731382	
e	0.2549009	i 124.38948	+0.62480883	-0.13957247	
P	9668.35 d	H 10.8	G 0.15		

From 26 observations 2001 Aug. 11-2004 June 19, mean residual 0".56.

SUMMARY OF NEW NUMBERINGS

The following summary of new numberings of minor planets lists for each object the number, principal provisional designation, date of discovery, observatory code of the discovery site and the names of the discoverers. A separate table lists orbital elements and absolute magnitudes (the slope parameter G being 0.15 in every case). Further details, including additional identifications and residuals, are given in the *Minor Planet Circulars Orbit Supplement*.

(85118)	1971 UU	1971 10 26	029	Kohoutek, L.
(85119)	1972 RD	1972 09 15	675	Gehrels, T.
(85120)	1975 SP ₁	1975 09 30	675	Bus, S. J.
(85121)	1976 KF ₃	1976 05 27	260	Lowe, A.
(85122)	1978 UZ ₅	1978 10 27	675	Olmstead, C. M.
(85123)	1978 VC ₈	1978 11 07	675	Helin, E. F., Bus, S. J.
(85124)	1978 VF ₈	1978 11 07	675	Helin, E. F., Bus, S. J.
(85125)	1978 VU ₈	1978 11 07	675	Helin, E. F., Bus, S. J.
(85126)	1978 VO ₁₀	1978 11 07	675	Helin, E. F., Bus, S. J.
(85127)	1978 VJ ₁₁	1978 11 07	675	Helin, E. F., Bus, S. J.
(85128)	1979 HA	1979 04 21	675	Zelinsky, D.
(85129)	1979 MC ₅	1979 06 25	413	Helin, E. F., Bus, S. J.
(85130)	1979 MH ₅	1979 06 25	413	Helin, E. F., Bus, S. J.
(85131)	1979 MT ₆	1979 06 25	413	Helin, E. F., Bus, S. J.
(85132)	1979 MR ₇	1979 06 25	413	Helin, E. F., Bus, S. J.
(85133)	1979 MX ₇	1979 06 25	413	Helin, E. F., Bus, S. J.
(85134)	1979 MH ₈	1979 06 25	413	Helin, E. F., Bus, S. J.
(85135)	1979 QN ₁	1979 08 22	809	Lagerkvist, C.-I.
(85136)	1979 QX ₂	1979 08 22	809	Lagerkvist, C.-I.
(85137)	1981 DS ₃	1981 02 28	413	Bus, S. J.
(85138)	1981 ED ₇	1981 03 06	413	Bus, S. J.
(85139)	1981 EN ₉	1981 03 01	413	Bus, S. J.
(85140)	1981 ES ₁₉	1981 03 02	413	Bus, S. J.
(85141)	1981 EM ₂₈	1981 03 06	413	Bus, S. J.
(85142)	1981 EO ₂₉	1981 03 01	413	Bus, S. J.
(85143)	1981 EE ₃₀	1981 03 02	413	Bus, S. J.

(85144)	1981 EU ₃₀	1981 03 02	413	Bus, S. J.	(85196)	1991 TG ₃	1991 10 04	033	Börngen, F., Schmadel, L. D.
(85145)	1981 ED ₃₃	1981 03 01	413	Bus, S. J.	(85197)	1991 TG ₅	1991 10 05	033	Börngen, F., Schmadel, L. D.
(85146)	1981 EF ₃₃	1981 03 01	413	Bus, S. J.	(85198)	1991 TC ₆	1991 10 02	033	Börngen, F., Schmadel, L. D.
(85147)	1981 EV ₃₈	1981 03 01	413	Bus, S. J.	(85199)	1991 TE ₇	1991 10 03	033	Börngen, F., Schmadel, L. D.
(85148)	1981 EH ₃₉	1981 03 02	413	Bus, S. J.	(85200)	1991 TG ₁₅	1991 10 06	261	Lowe, A.
(85149)	1981 EU ₄₃	1981 03 06	413	Bus, S. J.	(85201)	1991 VU ₈	1991 11 04	691	Spacewatch
(85150)	1981 EO ₄₆	1981 03 02	413	Bus, S. J.	(85202)	1992 DR ₁₁	1992 02 29	809	UESAC
(85151)	1983 QT	1983 08 30	675	Gibson, J.	(85203)	1992 EE ₅	1992 03 01	809	UESAC
(85152)	1985 QL ₃	1985 08 16	675	Helin, E. F.	(85204)	1992 EX ₅	1992 03 02	809	UESAC
(85153)	1985 TA	1985 10 12	691	Spacewatch	(85205)	1992 EM ₆	1992 03 01	809	UESAC
(85154)	1986 TS ₄	1986 10 11	054	Jensen, P.	(85206)	1992 EQ ₇	1992 03 01	809	UESAC
(85155)	1986 VH ₇	1986 11 07	046	Mrkos, A.	(85207)	1992 EB ₁₉	1992 03 01	809	UESAC
(85156)	1987 RN ₁	1987 09 13	809	Debehogne, H.	(85208)	1992 EG ₂₀	1992 03 01	809	UESAC
(85157)	1987 SP ₅	1987 09 30	054	Jensen, P.	(85209)	1992 GM ₃	1992 04 04	809	Elst, E. W.
(85158)	1987 UT ₁	1987 10 17	675	Shoemaker, C. S.	(85210)	1992 HM ₁	1992 04 26	691	Spacewatch
(85159)	1988 DL	1988 02 22	413	McNaught, R. H.	(85211)	1992 PL	1992 08 08	010	Elst, E. W.
(85160)	1988 RW ₁₂	1988 09 14	807	Bus, S. J.	(85212)	1992 RF	1992 09 04	413	McNaught, R. H.
(85161)	1988 SA ₂	1988 09 16	807	Bus, S. J.	(85213)	1992 RN ₇	1992 09 02	809	Elst, E. W.
(85162)	1988 SL ₂	1988 09 16	807	Bus, S. J.	(85214)	1992 SZ ₁	1992 09 21	033	Börngen, F., Schmadel, L. D.
(85163)	1988 SQ ₂	1988 09 16	807	Bus, S. J.	(85215)	1992 SD ₁₄	1992 09 26	033	Börngen, F., Schmadel, L. D.
(85164)	1988 TG ₂	1988 10 03	046	Mrkos, A.	(85216)	1992 SL ₁₇	1992 09 24	033	Börngen, F., Schmadel, L. D.
(85165)	1988 TV ₂	1988 10 07	675	Shoemaker, C. S.	(85217)	1992 US ₈	1992 10 31	033	Börngen, F.
(85166)	1989 OC	1989 07 21	413	McNaught, R. H.	(85218)	1993 FW ₅	1993 03 17	809	UESAC
(85167)	1989 RS ₂	1989 09 07	046	Mrkos, A.	(85219)	1993 FM ₉	1993 03 17	809	UESAC
(85168)	1989 RC ₆	1989 09 02	261	Lowe, A.	(85220)	1993 FY ₁₁	1993 03 17	809	UESAC
(85169)	1989 SN ₂	1989 09 26	809	Elst, E. W.	(85221)	1993 FX ₁₃	1993 03 17	809	UESAC
(85170)	1989 TZ ₃	1989 10 07	809	Elst, E. W.	(85222)	1993 FO ₁₄	1993 03 17	809	UESAC
(85171)	1989 TZ ₆	1989 10 07	809	Elst, E. W.	(85223)	1993 FU ₂₂	1993 03 21	809	UESAC
(85172)	1990 QU ₆	1990 08 20	809	Elst, E. W.	(85224)	1993 FT ₂₈	1993 03 21	809	UESAC
(85173)	1990 QV ₆	1990 08 20	809	Elst, E. W.	(85225)	1993 FP ₃₁	1993 03 19	809	UESAC
(85174)	1990 QN ₈	1990 08 16	809	Elst, E. W.	(85226)	1993 FQ ₃₇	1993 03 19	809	UESAC
(85175)	1990 RS	1990 09 13	675	Olmstead, C. M.	(85227)	1993 FT ₄₀	1993 03 19	809	UESAC
(85176)	1990 RP ₂	1990 09 15	675	Holt, H. E.	(85228)	1993 FU ₄₅	1993 03 19	809	UESAC
(85177)	1990 SE ₃	1990 09 18	675	Holt, H. E.	(85229)	1993 FU ₄₆	1993 03 19	809	UESAC
(85178)	1990 TQ	1990 10 10	400	Endate, K., Watanabe, K.	(85230)	1993 FM ₅₂	1993 03 17	809	UESAC
(85179)	1990 TS ₁₁	1990 10 11	033	Börngen, F., Schmadel, L. D.	(85231)	1993 FR ₅₂	1993 03 17	809	UESAC
(85180)	1990 UW ₅	1990 10 26	385	Urata, T.	(85232)	1993 FT ₅₂	1993 03 17	809	UESAC
(85181)	1990 VF ₆	1990 11 15	809	Elst, E. W.	(85233)	1993 FA ₅₃	1993 03 17	809	UESAC
(85182)	1991 AQ	1991 01 14	675	Helin, E. F.	(85234)	1993 HY ₂	1993 04 19	691	Spacewatch
(85183)	1991 BE ₁	1991 01 18	511	Elst, E. W.	(85235)	1993 JA	1993 05 13	691	Spacewatch
(85184)	1991 JG ₁	1991 05 09	675	Helin, E. F.	(85236)	1993 KH	1993 05 24	413	McNaught, R. H.
(85185)	1991 LM ₃	1991 06 06	809	Elst, E. W.	(85237)	1993 NE ₂	1993 07 12	809	Elst, E. W.
(85186)	1991 PR ₂	1991 08 02	809	Elst, E. W.	(85238)	1993 OU ₁	1993 07 25	691	Spacewatch
(85187)	1991 PC ₁₂	1991 08 07	675	Holt, H. E.	(85239)	1993 OB ₇	1993 07 20	809	Elst, E. W.
(85188)	1991 PK ₁₂	1991 08 07	675	Holt, H. E.	(85240)	1993 OT ₁₁	1993 07 19	809	Elst, E. W.
(85189)	1991 RL ₂	1991 09 04	675	Helin, E. F.	(85241)	1993 PC ₃	1993 08 14	010	Elst, E. W.
(85190)	1991 RR ₃	1991 09 12	033	Börngen, F., Schmadel, L. D.	(85242)	1993 QP ₄	1993 08 18	010	Elst, E. W.
(85191)	1991 RP ₄	1991 09 07	399	Ueda, S., Kaneda, H.	(85243)	1993 QG ₈	1993 08 20	809	Elst, E. W.
(85192)	1991 RS ₁₁	1991 09 04	809	Elst, E. W.	(85244)	1993 QB ₉	1993 08 20	809	Elst, E. W.
(85193)	1991 RD ₁₉	1991 09 14	675	Holt, H. E.	(85245)	1993 RM ₂	1993 09 14	675	Helin, E. F.
(85194)	1991 TL ₂	1991 10 05	675	Shoemaker, C. S.	(85246)	1993 RL ₄	1993 09 15	809	Elst, E. W.
(85195)	1991 TW ₂	1991 10 07	033	Börngen, F., Schmadel, L. D.	(85247)	1993 RE ₅	1993 09 15	809	Elst, E. W.

(85248)	1993 RR ₆	1993 09 15	809	Elst, E. W.	(85300)	1994 UW ₂	1994 10 30	675	Helin, E. F.
(85249)	1993 RT ₁₁	1993 09 14	809	Debehogne, H., Elst, E. W.	(85301)	1994 UM ₅	1994 10 28	691	Spacewatch
(85250)	1993 RQ ₁₆	1993 09 15	809	Debehogne, H., Elst, E. W.	(85302)	1994 VM	1994 11 01	411	Kobayashi, T.
(85251)	1993 RJ ₁₈	1993 09 15	809	Debehogne, H., Elst, E. W.	(85303)	1994 VN ₁	1994 11 04	411	Kobayashi, T.
(85252)	1993 SX ₁₂	1993 09 16	809	Debehogne, H., Elst, E. W.	(85304)	1994 VS ₁	1994 11 03	411	Kobayashi, T.
(85253)	1993 TD ₅	1993 10 08	691	Spacewatch	(85305)	1994 VX ₄	1994 11 05	691	Spacewatch
(85254)	1993 TG ₁₂	1993 10 14	675	Holt, H. E.	(85306)	1994 VL ₈	1994 11 07	675	Shoemaker, C. S.
(85255)	1993 TZ ₁₃	1993 10 09	809	Elst, E. W.	(85307)	1994 WN	1994 11 25	411	Kobayashi, T.
(85256)	1993 TC ₁₄	1993 10 09	809	Elst, E. W.	(85308)	1994 WG ₄	1994 11 30	360	Nakamura, A.
(85257)	1993 TT ₁₄	1993 10 09	809	Elst, E. W.	(85309)	1994 WO ₄	1994 11 26	691	Spacewatch
(85258)	1993 TE ₁₆	1993 10 09	809	Elst, E. W.	(85310)	1994 WH ₅	1994 11 28	691	Spacewatch
(85259)	1993 TO ₁₉	1993 10 09	809	Elst, E. W.	(85311)	1994 WK ₈	1994 11 28	691	Spacewatch
(85260)	1993 TC ₂₃	1993 10 09	809	Elst, E. W.	(85312)	1994 YB ₁	1994 12 28	411	Kobayashi, T.
(85261)	1993 TO ₂₃	1993 10 09	809	Elst, E. W.	(85313)	1994 YU ₁	1994 12 31	411	Kobayashi, T.
(85262)	1993 TE ₃₂	1993 10 09	809	Elst, E. W.	(85314)	1995 AY ₁	1995 01 07	691	Spacewatch
(85263)	1993 TU ₃₇	1993 10 09	809	Elst, E. W.	(85315)	1995 BE	1995 01 20	411	Kobayashi, T.
(85264)	1993 TN ₄₆	1993 10 11	809	Elst, E. W.	(85316)	1995 BA ₄	1995 01 28	695	Larson, S. M., Hergenrother, C. W.
(85265)	1993 VR	1993 11 14	411	Kobayashi, T.	(85317)	1995 BB ₁₆	1995 01 30	033	Börngen, F.
(85266)	1993 YK ₁	1993 12 16	691	Spacewatch	(85318)	1995 DX ₄	1995 02 21	691	Spacewatch
(85267)	1994 AD ₂	1994 01 12	596	Casulli, V. S.	(85319)	1995 EJ ₄	1995 03 02	691	Spacewatch
(85268)	1994 AK ₅	1994 01 05	691	Spacewatch	(85320)	1995 EP ₈	1995 03 04	033	Börngen, F.
(85269)	1994 AV ₅	1994 01 06	691	Spacewatch	(85321)	1995 FK ₇	1995 03 25	691	Spacewatch
(85270)	1994 AY ₅	1994 01 06	691	Spacewatch	(85322)	1995 GS ₅	1995 04 06	691	Spacewatch
(85271)	1994 AH ₁₄	1994 01 13	691	Spacewatch	(85323)	1995 GF ₈	1995 04 08	695	Balonek, T. J.
(85272)	1994 BE ₂	1994 01 18	691	Spacewatch	(85324)	1995 HX ₂	1995 04 25	691	Spacewatch
(85273)	1994 CW ₁₃	1994 02 08	809	Elst, E. W.	(85325)	1995 MO ₁	1995 06 22	691	Spacewatch
(85274)	1994 GH	1994 04 03	691	Spacewatch	(85326)	1995 OR ₆	1995 07 24	691	Spacewatch
(85275)	1994 LY	1994 06 11	675	Helin, E. F.	(85327)	1995 OR ₁₅	1995 07 26	691	Spacewatch
(85276)	1994 PY ₄	1994 08 10	809	Elst, E. W.	(85328)	1995 PA	1995 08 01	046	Tichý, M., Moravec, Z.
(85277)	1994 PH ₅	1994 08 10	809	Elst, E. W.	(85329)	1995 PQ	1995 08 02	905	Shimizu, Y., Urata, T.
(85278)	1994 PU ₈	1994 08 10	809	Elst, E. W.	(85330)	1995 QO	1995 08 23	557	Šarounová, L.
(85279)	1994 PM ₁₀	1994 08 10	809	Elst, E. W.	(85331)	1995 QA ₁₃	1995 08 22	691	Spacewatch
(85280)	1994 PU ₁₄	1994 08 10	809	Elst, E. W.	(85332)	1995 SH ₄	1995 09 29	693	Spahr, T. B.
(85281)	1994 PZ ₁₆	1994 08 10	809	Elst, E. W.	(85333)	1995 SN ₁₃	1995 09 18	691	Spacewatch
(85282)	1994 PE ₁₉	1994 08 12	809	Elst, E. W.	(85334)	1995 SY ₁₃	1995 09 18	691	Spacewatch
(85283)	1994 PO ₂₁	1994 08 12	809	Elst, E. W.	(85335)	1995 SB ₁₅	1995 09 18	691	Spacewatch
(85284)	1994 PT ₂₁	1994 08 12	809	Elst, E. W.	(85336)	1995 SJ ₂₇	1995 09 19	691	Spacewatch
(85285)	1994 PE ₂₃	1994 08 12	809	Elst, E. W.	(85337)	1995 SW ₃₄	1995 09 22	691	Spacewatch
(85286)	1994 PA ₂₇	1994 08 12	809	Elst, E. W.	(85338)	1995 SX ₃₇	1995 09 24	691	Spacewatch
(85287)	1994 PM ₂₉	1994 08 12	809	Elst, E. W.	(85339)	1995 ST ₃₈	1995 09 24	691	Spacewatch
(85288)	1994 PC ₃₀	1994 08 12	809	Elst, E. W.	(85340)	1995 SV ₄₂	1995 09 25	691	Spacewatch
(85289)	1994 PJ ₃₂	1994 08 12	809	Elst, E. W.	(85341)	1995 SL ₄₉	1995 09 22	691	Spacewatch
(85290)	1994 PZ ₃₂	1994 08 12	809	Elst, E. W.	(85342)	1995 SP ₅₂	1995 09 29	691	Spacewatch
(85291)	1994 PF ₃₃	1994 08 10	809	Elst, E. W.	(85343)	1995 SX ₅₃	1995 09 30	693	Hergenrother, C. W.
(85292)	1994 RA ₁₈	1994 09 03	809	Elst, E. W.	(85344)	1995 SB ₆₄	1995 09 26	691	Spacewatch
(85293)	1994 RC ₂₅	1994 09 12	327	BAO Schmidt CCD Asteroid Program	(85345)	1995 SH ₆₅	1995 09 25	691	Spacewatch
(85294)	1994 SO ₉	1994 09 28	691	Spacewatch	(85346)	1995 SE ₇₁	1995 09 19	691	Spacewatch
(85295)	1994 TY	1994 10 02	400	Endate, K., Watanabe, K.	(85347)	1995 SU ₈₂	1995 09 23	691	Spacewatch
(85296)	1994 TT ₇	1994 10 06	691	Spacewatch	(85348)	1995 SV ₈₂	1995 09 23	691	Spacewatch
(85297)	1994 TJ ₈	1994 10 06	691	Spacewatch	(85349)	1995 UP ₁₁	1995 10 17	691	Spacewatch
(85298)	1994 TF ₁₀	1994 10 08	691	Spacewatch	(85350)	1995 UN ₁₃	1995 10 17	691	Spacewatch
(85299)	1994 TM ₁₆	1994 10 05	033	Börngen, F.	(85351)	1995 UC ₁₈	1995 10 18	691	Spacewatch

(85352)	1995 UR ₄₃	1995 10 25	691	Spacewatch	(85404)	1996 TD ₃₃	1996 10 10	691	Spacewatch
(85353)	1995 UE ₄₆	1995 10 20	010	Elst, E. W.	(85405)	1996 TO ₃₉	1996 10 08	809	Elst, E. W.
(85354)	1995 UA ₆₇	1995 10 17	691	Spacewatch	(85406)	1996 TL ₄₅	1996 10 07	691	Spacewatch
(85355)	1995 VN ₁₇	1995 11 15	691	Spacewatch	(85407)	1996 TY ₄₅	1996 10 07	691	Spacewatch
(85356)	1995 WA ₃	1995 11 20	595	Farra d'Insonzo	(85408)	1996 TB ₅₅	1996 10 03	327	BAO Schmidt CCD Asteroid Program
(85357)	1995 WW ₉	1995 11 16	691	Spacewatch	(85409)	1996 UO ₂	1996 10 17	691	Spacewatch
(85358)	1995 WJ ₁₂	1995 11 16	691	Spacewatch	(85410)	1996 UJ ₄	1996 10 29	327	BAO Schmidt CCD Asteroid Program
(85359)	1995 WQ ₁₅	1995 11 17	691	Spacewatch	(85411)	1996 VA ₁	1996 11 03	540	Linz
(85360)	1995 WM ₁₆	1995 11 17	691	Spacewatch	(85412)	1996 VS ₁₀	1996 11 04	691	Spacewatch
(85361)	1995 WO ₁₆	1995 11 17	691	Spacewatch	(85413)	1996 VK ₁₁	1996 11 04	691	Spacewatch
(85362)	1995 WR ₃₂	1995 11 20	691	Spacewatch	(85414)	1996 VN ₁₇	1996 11 06	691	Spacewatch
(85363)	1995 WY ₃₆	1995 11 21	691	Spacewatch	(85415)	1996 VE ₃₈	1996 11 03	399	Ueda, S., Kaneda, H.
(85364)	1995 YD ₇	1995 12 16	691	Spacewatch	(85416)	1996 XN ₂	1996 12 04	046	Kleť
(85365)	1995 YB ₉	1995 12 18	691	Spacewatch	(85417)	1996 XQ ₃	1996 12 01	691	Spacewatch
(85366)	1996 AY ₁₃	1996 01 15	691	Spacewatch	(85418)	1996 XQ ₁₄	1996 12 09	691	Spacewatch
(85367)	1996 AO ₁₇	1996 01 13	691	Spacewatch	(85419)	1996 XX ₁₆	1996 12 04	691	Spacewatch
(85368)	1996 CQ ₇	1996 02 14	098	Munari, U., Tombelli, M.	(85420)	1996 XB ₁₇	1996 12 04	691	Spacewatch
(85369)	1996 DX ₂	1996 02 26	966	Laurie, S. P.	(85421)	1996 XL ₃₀	1996 12 15	691	Spacewatch
(85370)	1996 EW ₇	1996 03 11	691	Spacewatch	(85422)	1996 XV ₃₀	1996 12 13	867	Saji
(85371)	1996 EV ₈	1996 03 12	691	Spacewatch	(85423)	1996 XX ₃₆	1996 12 14	691	Spacewatch
(85372)	1996 EO ₁₂	1996 03 13	691	Spacewatch	(85424)	1997 AA ₃	1997 01 04	411	Kobayashi, T.
(85373)	1996 FC ₁	1996 03 19	566	NEAT	(85425)	1997 AM ₃	1997 01 03	691	Spacewatch
(85374)	1996 FC ₄	1996 03 22	608	AMOS	(85426)	1997 AK ₁₂	1997 01 10	684	Comba, P. G.
(85375)	1996 GY ₄	1996 04 11	691	Spacewatch	(85427)	1997 AE ₁₃	1997 01 11	411	Kobayashi, T.
(85376)	1996 GU ₁₄	1996 04 12	691	Spacewatch	(85428)	1997 AN ₁₆	1997 01 14	046	Kleť
(85377)	1996 GZ ₁₇	1996 04 15	809	Elst, E. W.	(85429)	1997 AJ ₁₈	1997 01 15	046	Kleť
(85378)	1996 GD ₁₉	1996 04 15	809	Elst, E. W.	(85430)	1997 BW ₅	1997 01 31	684	Comba, P. G.
(85379)	1996 HY ₂₄	1996 04 20	809	Elst, E. W.	(85431)	1997 BE ₆	1997 01 31	691	Spacewatch
(85380)	1996 JS	1996 05 13	566	NEAT	(85432)	1997 CK ₁₉	1997 02 04	327	BAO Schmidt CCD Asteroid Program
(85381)	1996 JL ₁₅	1996 05 13	691	Spacewatch	(85433)	1997 CJ ₂₂	1997 02 13	587	Cavagna, M., Testa, A.
(85382)	1996 LJ ₂	1996 06 08	691	Spacewatch	(85434)	1997 CR ₂₄	1997 02 09	691	Spacewatch
(85383)	1996 MS	1996 06 22	566	NEAT	(85435)	1997 EU ₃	1997 03 02	691	Spacewatch
(85384)	1996 NZ	1996 07 14	566	NEAT	(85436)	1997 EU ₁₆	1997 03 05	691	Spacewatch
(85385)	1996 NJ ₅	1996 07 14	809	Elst, E. W.	(85437)	1997 EX ₃₁	1997 03 11	691	Spacewatch
(85386)	1996 OU ₂	1996 07 26	608	AMOS	(85438)	1997 EH ₃₇	1997 03 05	704	LINEAR
(85387)	1996 PF ₇	1996 08 08	809	Elst, E. W.	(85439)	1997 EP ₄₀	1997 03 13	104	Tesi, L., Cattani, G.
(85388)	1996 PU ₉	1996 08 11	358	Okuni, T.	(85440)	1997 EB ₄₇	1997 03 12	809	Elst, E. W.
(85389)	1996 QE ₁	1996 08 22	046	Kleť	(85441)	1997 FX ₂	1997 03 31	704	LINEAR
(85390)	1996 QZ ₂	1996 08 18	010	Elst, E. W.	(85442)	1997 GW ₁	1997 04 07	691	Spacewatch
(85391)	1996 RW ₁₁	1996 09 08	691	Spacewatch	(85443)	1997 GZ ₄	1997 04 07	691	Spacewatch
(85392)	1996 RR ₁₃	1996 09 08	691	Spacewatch	(85444)	1997 GL ₆	1997 04 02	704	LINEAR
(85393)	1996 RF ₁₇	1996 09 13	691	Spacewatch	(85445)	1997 GV ₇	1997 04 02	704	LINEAR
(85394)	1996 RT ₃₂	1996 09 15	809	Uppsala-DLR Trojan Survey	(85446)	1997 GK ₉	1997 04 03	704	LINEAR
(85395)	1996 SQ ₄	1996 09 20	327	BAO Schmidt CCD Asteroid Program	(85447)	1997 GQ ₁₁	1997 04 03	704	LINEAR
(85396)	1996 SB ₇	1996 09 21	327	BAO Schmidt CCD Asteroid Program	(85448)	1997 GR ₁₁	1997 04 03	704	LINEAR
(85397)	1996 TN ₃	1996 10 06	763	Sandness, R. G.	(85449)	1997 GA ₁₇	1997 04 03	704	LINEAR
(85398)	1996 TH ₆	1996 10 05	327	BAO Schmidt CCD Asteroid Program	(85450)	1997 GB ₁₈	1997 04 03	704	LINEAR
(85399)	1996 TG ₈	1996 10 08	566	NEAT	(85451)	1997 GC ₁₈	1997 04 03	704	LINEAR
(85400)	1996 TD ₁₀	1996 10 08	358	Otomo, S.	(85452)	1997 GA ₂₃	1997 04 06	704	LINEAR
(85401)	1996 TW ₁₄	1996 10 09	358	Okuni, T.	(85453)	1997 GF ₃₁	1997 04 12	691	Spacewatch
(85402)	1996 TO ₁₅	1996 10 04	046	Kleť	(85454)	1997 GH ₃₅	1997 04 06	704	LINEAR
(85403)	1996 TY ₂₇	1996 10 07	691	Spacewatch	(85455)	1997 HJ	1997 04 28	691	Spacewatch

(85456)	1997 HW	1997 04 28	691	Spacewatch	(85508)	1997 UD ₇	1997 10 23	046	Kleť
(85457)	1997 HQ ₃	1997 04 29	691	Spacewatch	(85509)	1997 UY ₇	1997 10 28	557	Šarounová, L.
(85458)	1997 HD ₈	1997 04 30	704	LINEAR	(85510)	1997 UZ ₇	1997 10 29	046	Kleť
(85459)	1997 HZ ₁₀	1997 04 30	704	LINEAR	(85511)	1997 UR ₁₀	1997 10 30	592	Koch, B.
(85460)	1997 HG ₁₂	1997 04 30	704	LINEAR	(85512)	1997 UW ₁₀	1997 10 29	959	Buil, C.
(85461)	1997 HP ₁₂	1997 04 30	704	LINEAR	(85513)	1997 UE ₁₁	1997 10 31	385	Urata, T.
(85462)	1997 HL ₁₃	1997 04 30	704	LINEAR	(85514)	1997 UD ₁₆	1997 10 23	691	Spacewatch
(85463)	1997 JR ₁	1997 05 01	910	ODAS	(85515)	1997 UT ₂₄	1997 10 26	098	Munari, U., Tombelli, M.
(85464)	1997 JH ₃	1997 05 03	691	Spacewatch	(85516)	1997 VF	1997 11 02	046	Kleť
(85465)	1997 JE ₁₄	1997 05 11	327	BAO Schmidt CCD Asteroid Program	(85517)	1997 VL ₁	1997 11 01	385	Urata, T.
(85466)	1997 JK ₁₅	1997 05 03	809	Elst, E. W.	(85518)	1997 VC ₃	1997 11 06	411	Kobayashi, T.
(85467)	1997 KK ₃	1997 05 31	691	Spacewatch	(85519)	1997 VR ₈	1997 11 03	327	BAO Schmidt CCD Asteroid Program
(85468)	1997 LP ₁	1997 06 01	691	Spacewatch	(85520)	1997 WO ₂	1997 11 23	411	Kobayashi, T.
(85469)	1997 LJ ₂	1997 06 05	691	Spacewatch	(85521)	1997 WW ₂	1997 11 23	411	Kobayashi, T.
(85470)	1997 LN ₂	1997 06 05	691	Spacewatch	(85522)	1997 WT ₄	1997 11 20	691	Spacewatch
(85471)	1997 LD ₄	1997 06 04	735	Needville	(85523)	1997 WM ₅	1997 11 23	691	Spacewatch
(85472)	1997 LF ₄	1997 06 09	327	BAO Schmidt CCD Asteroid Program	(85524)	1997 WZ ₈	1997 11 21	691	Spacewatch
(85473)	1997 LV ₅	1997 06 12	709	Offutt, W.	(85525)	1997 WJ ₁₀	1997 11 21	691	Spacewatch
(85474)	1997 LN ₁₅	1997 06 08	809	Elst, E. W.	(85526)	1997 WM ₁₀	1997 11 22	691	Spacewatch
(85475)	1997 LH ₁₇	1997 06 08	809	Elst, E. W.	(85527)	1997 WT ₁₀	1997 11 22	691	Spacewatch
(85476)	1997 MY	1997 06 26	327	BAO Schmidt CCD Asteroid Program	(85528)	1997 WP ₁₂	1997 11 23	691	Spacewatch
(85477)	1997 MQ ₂	1997 06 28	704	LINEAR	(85529)	1997 WW ₁₂	1997 11 23	691	Spacewatch
(85478)	1997 MK ₅	1997 06 29	704	LINEAR	(85530)	1997 WN ₁₅	1997 11 23	691	Spacewatch
(85479)	1997 NF ₃	1997 07 09	557	Šarounová, L.	(85531)	1997 WU ₁₇	1997 11 23	691	Spacewatch
(85480)	1997 NB ₈	1997 07 09	327	BAO Schmidt CCD Asteroid Program	(85532)	1997 WD ₂₁	1997 11 23	905	Shimizu, Y., Urata, T.
(85481)	1997 OG ₁	1997 07 27	426	Zoltowski, F. B.	(85533)	1997 WM ₂₂	1997 11 28	910	ODAS
(85482)	1997 PL ₂	1997 08 07	816	Viscome, G. R.	(85534)	1997 WB ₂₆	1997 11 23	691	Spacewatch
(85483)	1997 QG ₂	1997 08 30	566	NEAT	(85535)	1997 WZ ₂₇	1997 11 29	691	Spacewatch
(85484)	1997 QV ₂	1997 08 30	557	Pravec, P., Tuma, D.	(85536)	1997 WN ₃₁	1997 11 29	704	LINEAR
(85485)	1997 RJ ₂	1997 09 04	910	ODAS	(85537)	1997 WP ₃₁	1997 11 29	704	LINEAR
(85486)	1997 RG ₁₃	1997 09 06	910	ODAS	(85538)	1997 WW ₃₄	1997 11 29	704	LINEAR
(85487)	1997 SC ₁	1997 09 19	327	BAO Schmidt CCD Asteroid Program	(85539)	1997 WG ₃₇	1997 11 29	704	LINEAR
(85488)	1997 SH ₂	1997 09 23	684	Comba, P. G.	(85540)	1997 WP ₃₇	1997 11 29	704	LINEAR
(85489)	1997 SV ₂	1997 09 19	327	BAO Schmidt CCD Asteroid Program	(85541)	1997 WX ₃₇	1997 11 29	704	LINEAR
(85490)	1997 SE ₅	1997 09 28	566	NEAT	(85542)	1997 WU ₄₁	1997 11 29	704	LINEAR
(85491)	1997 SL ₁₁	1997 09 27	691	Spacewatch	(85543)	1997 WP ₄₆	1997 11 26	704	LINEAR
(85492)	1997 SE ₁₉	1997 09 28	691	Spacewatch	(85544)	1997 WJ ₅₀	1997 11 28	327	BAO Schmidt CCD Asteroid Program
(85493)	1997 SF ₁₉	1997 09 28	691	Spacewatch	(85545)	1997 WL ₅₅	1997 11 29	704	LINEAR
(85494)	1997 TS	1997 10 04	118	Galád, A., Pravda, A.	(85546)	1997 XH ₁	1997 12 03	411	Kobayashi, T.
(85495)	1997 TT ₅	1997 10 02	910	ODAS	(85547)	1997 XF ₁₀	1997 12 05	709	Offutt, W.
(85496)	1997 TO ₆	1997 10 02	910	ODAS	(85548)	1997 XX ₁₃	1997 12 04	809	Uppsala-DLR Trojan Survey
(85497)	1997 TP ₁₁	1997 10 07	691	Spacewatch	(85549)	1997 YH	1997 12 18	411	Kobayashi, T.
(85498)	1997 TQ ₁₂	1997 10 02	691	Spacewatch	(85550)	1997 YW	1997 12 20	411	Kobayashi, T.
(85499)	1997 TH ₁₃	1997 10 03	691	Spacewatch	(85551)	1997 YZ ₁	1997 12 21	411	Kobayashi, T.
(85500)	1997 TP ₁₃	1997 10 03	691	Spacewatch	(85552)	1997 YR ₇	1997 12 28	411	Kobayashi, T.
(85501)	1997 TP ₂₃	1997 10 09	691	Spacewatch	(85553)	1997 YK ₁₀	1997 12 28	411	Kobayashi, T.
(85502)	1997 TZ ₂₃	1997 10 11	691	Spacewatch	(85554)	1997 YF ₁₄	1997 12 31	411	Kobayashi, T.
(85503)	1997 TF ₂₅	1997 10 10	557	Šarounová, L.	(85555)	1997 YG ₁₄	1997 12 31	411	Kobayashi, T.
(85504)	1997 TC ₂₆	1997 10 11	327	BAO Schmidt CCD Asteroid Program	(85556)	1997 YV ₁₆	1997 12 29	327	BAO Schmidt CCD Asteroid Program
(85505)	1997 UU ₃	1997 10 26	411	Kobayashi, T.	(85557)	1997 YY ₁₆	1997 12 30	327	BAO Schmidt CCD Asteroid Program
(85506)	1997 UU ₄	1997 10 19	327	BAO Schmidt CCD Asteroid Program	(85558)	1998 AB ₃	1998 01 03	327	BAO Schmidt CCD Asteroid Program
(85507)	1997 UD ₅	1997 10 21	327	BAO Schmidt CCD Asteroid Program	(85559)	1998 AC ₅	1998 01 08	658	Banh, S.

(85560)	1998 BN	1998 01 18	411	Kobayashi, T.	(85612)	1998 HL ₂₃	1998 04 20	704	LINEAR
(85561)	1998 BF ₂	1998 01 20	704	LINEAR	(85613)	1998 HC ₃₃	1998 04 20	704	LINEAR
(85562)	1998 BC ₃	1998 01 18	691	Spacewatch	(85614)	1998 HR ₃₆	1998 04 20	704	LINEAR
(85563)	1998 BF ₇	1998 01 24	566	NEAT	(85615)	1998 HE ₃₇	1998 04 20	704	LINEAR
(85564)	1998 BU ₇	1998 01 17	552	Osservatorio San Vittore	(85616)	1998 HA ₄₂	1998 04 24	691	Spacewatch
(85565)	1998 BD ₉	1998 01 25	566	NEAT	(85617)	1998 HJ ₈₆	1998 04 21	704	LINEAR
(85566)	1998 BM ₉	1998 01 18	691	Spacewatch	(85618)	1998 HM ₁₀₂	1998 04 25	809	Elst, E. W.
(85567)	1998 BU ₉	1998 01 22	691	Spacewatch	(85619)	1998 HQ ₁₀₆	1998 04 23	704	LINEAR
(85568)	1998 BN ₁₄	1998 01 17	910	ODAS	(85620)	1998 HJ ₁₀₇	1998 04 23	704	LINEAR
(85569)	1998 BG ₁₈	1998 01 22	691	Spacewatch	(85621)	1998 HS ₁₀₇	1998 04 23	704	LINEAR
(85570)	1998 BU ₂₀	1998 01 22	691	Spacewatch	(85622)	1998 HP ₁₂₂	1998 04 23	704	LINEAR
(85571)	1998 BV ₂₁	1998 01 23	691	Spacewatch	(85623)	1998 HL ₁₂₃	1998 04 23	704	LINEAR
(85572)	1998 BY ₂₈	1998 01 25	691	Spacewatch	(85624)	1998 HU ₁₃₈	1998 04 21	704	LINEAR
(85573)	1998 CE	1998 02 01	046	Tichá, J., Tichý, M.	(85625)	1998 HW ₁₄₀	1998 04 21	704	LINEAR
(85574)	1998 CG	1998 02 01	046	Tichá, J., Tichý, M.	(85626)	1998 HM ₁₄₁	1998 04 21	704	LINEAR
(85575)	1998 DC ₁	1998 02 19	118	Galád, A., Pravda, A.	(85627)	1998 HP ₁₅₁	1998 04 28	568	Mauna Kea
(85576)	1998 DH ₁	1998 02 19	046	Klet	(85628)	1998 KV ₂	1998 05 22	704	LINEAR
(85577)	1998 DC ₂	1998 02 21	118	Galád, A., Pravda, A.	(85629)	1998 KW ₅	1998 05 24	691	Spacewatch
(85578)	1998 DP ₁₃	1998 02 26	596	Casulli, V. S.	(85630)	1998 KP ₃₁	1998 05 22	704	LINEAR
(85579)	1998 DQ ₁₉	1998 02 24	691	Spacewatch	(85631)	1998 KX ₄₉	1998 05 23	704	LINEAR
(85580)	1998 DO ₂₀	1998 02 28	133	Boeuf, M.	(85632)	1998 KV ₅₂	1998 05 23	704	LINEAR
(85581)	1998 DZ ₂₀	1998 02 22	691	Spacewatch	(85633)	1998 KR ₆₅	1998 05 29	807	Bernstein, G.
(85582)	1998 DW ₂₄	1998 02 23	691	Spacewatch	(85634)	1998 LR ₂	1998 06 01	809	Elst, E. W.
(85583)	1998 EV ₁₀	1998 03 01	809	Elst, E. W.	(85635)	1998 MV ₁	1998 06 20	691	Spacewatch
(85584)	1998 EN ₂₀	1998 03 03	809	Elst, E. W.	(85636)	1998 MF ₅	1998 06 19	691	Spacewatch
(85585)	1998 FG ₂	1998 03 21	683	Tucker, R. A.	(85637)	1998 MO ₁₂	1998 06 19	704	LINEAR
(85586)	1998 FP ₈	1998 03 21	691	Spacewatch	(85638)	1998 ML ₃₅	1998 06 24	704	LINEAR
(85587)	1998 FE ₁₄	1998 03 25	566	NEAT	(85639)	1998 OU	1998 07 20	910	ODAS
(85588)	1998 FA ₁₅	1998 03 25	589	Stroncone	(85640)	1998 OX ₄	1998 07 26	691	Spacewatch
(85589)	1998 FE ₂₅	1998 03 20	704	LINEAR	(85641)	1998 OR ₅	1998 07 29	910	ODAS
(85590)	1998 FC ₃₉	1998 03 20	704	LINEAR	(85642)	1998 OS ₈	1998 07 26	809	Elst, E. W.
(85591)	1998 FR ₄₆	1998 03 20	704	LINEAR	(85643)	1998 OC ₁₀	1998 07 26	809	Elst, E. W.
(85592)	1998 FN ₄₇	1998 03 20	704	LINEAR	(85644)	1998 OH ₁₀	1998 07 26	809	Elst, E. W.
(85593)	1998 FD ₅₇	1998 03 20	704	LINEAR	(85645)	1998 OS ₁₁	1998 07 26	809	Elst, E. W.
(85594)	1998 FT ₆₀	1998 03 20	704	LINEAR	(85646)	1998 OT ₁₄	1998 07 26	809	Elst, E. W.
(85595)	1998 FB ₇₁	1998 03 20	704	LINEAR	(85647)	1998 PZ	1998 08 14	426	Zoltowski, F. B.
(85596)	1998 FU ₇₇	1998 03 24	704	LINEAR	(85648)	1998 PF ₁	1998 08 11	620	Lopez, A.
(85597)	1998 FF ₈₂	1998 03 24	704	LINEAR	(85649)	1998 QZ ₁	1998 08 19	566	NEAT
(85598)	1998 FZ ₈₆	1998 03 24	704	LINEAR	(85650)	1998 QH ₆	1998 08 24	910	ODAS
(85599)	1998 FX ₈₇	1998 03 24	704	LINEAR	(85651)	1998 QR ₁₂	1998 08 17	704	LINEAR
(85600)	1998 FU ₉₃	1998 03 24	704	LINEAR	(85652)	1998 QQ ₁₃	1998 08 17	704	LINEAR
(85601)	1998 FU ₁₂₁	1998 03 20	704	LINEAR	(85653)	1998 QN ₁₆	1998 08 17	704	LINEAR
(85602)	1998 FE ₁₂₂	1998 03 20	704	LINEAR	(85654)	1998 QU ₁₇	1998 08 17	704	LINEAR
(85603)	1998 FV ₁₂₂	1998 03 20	704	LINEAR	(85655)	1998 QS ₁₈	1998 08 17	704	LINEAR
(85604)	1998 FT ₁₂₅	1998 03 31	704	LINEAR	(85656)	1998 QX ₁₈	1998 08 17	704	LINEAR
(85605)	1998 FO ₁₃₂	1998 03 20	704	LINEAR	(85657)	1998 QJ ₂₀	1998 08 17	704	LINEAR
(85606)	1998 FP ₁₃₉	1998 03 28	704	LINEAR	(85658)	1998 QS ₂₈	1998 08 22	327	BAO Schmidt CCD Asteroid Program
(85607)	1998 FV ₁₄₆	1998 03 25	691	Spacewatch	(85659)	1998 QU ₂₉	1998 08 23	327	BAO Schmidt CCD Asteroid Program
(85608)	1998 GC ₇	1998 04 02	704	LINEAR	(85660)	1998 QX ₃₃	1998 08 17	704	LINEAR
(85609)	1998 HZ ₈	1998 04 17	691	Spacewatch	(85661)	1998 QY ₃₆	1998 08 17	704	LINEAR
(85610)	1998 HC ₁₁	1998 04 17	691	Spacewatch	(85662)	1998 QL ₄₁	1998 08 17	704	LINEAR
(85611)	1998 HW ₁₆	1998 04 26	691	Spacewatch	(85663)	1998 QX ₄₂	1998 08 17	704	LINEAR

(85664)	1998 QF ₄₃	1998 08 17	704	LINEAR	(85716)	1998 SG ₅₆	1998 09 16	699	LONEOS
(85665)	1998 QG ₄₆	1998 08 17	704	LINEAR	(85717)	1998 SY ₅₆	1998 09 17	699	LONEOS
(85666)	1998 QP ₅₀	1998 08 17	704	LINEAR	(85718)	1998 SG ₅₈	1998 09 17	699	LONEOS
(85667)	1998 QT ₅₂	1998 08 20	699	LONEOS	(85719)	1998 SV ₅₉	1998 09 17	699	LONEOS
(85668)	1998 QH ₅₃	1998 08 20	699	LONEOS	(85720)	1998 SK ₆₀	1998 09 17	699	LONEOS
(85669)	1998 QK ₅₅	1998 08 26	910	ODAS	(85721)	1998 SL ₆₃	1998 09 29	327	BAO Schmidt CCD Asteroid Program
(85670)	1998 QZ ₅₇	1998 08 30	691	Spacewatch	(85722)	1998 SX ₆₃	1998 09 20	809	Elst, E. W.
(85671)	1998 QH ₆₇	1998 08 24	704	LINEAR	(85723)	1998 SH ₆₇	1998 09 20	809	Elst, E. W.
(85672)	1998 QS ₉₅	1998 08 19	704	LINEAR	(85724)	1998 SN ₆₈	1998 09 19	704	LINEAR
(85673)	1998 QB ₁₀₂	1998 08 26	809	Elst, E. W.	(85725)	1998 SV ₆₈	1998 09 19	704	LINEAR
(85674)	1998 QD ₁₀₃	1998 08 26	809	Elst, E. W.	(85726)	1998 SF ₇₁	1998 09 26	704	LINEAR
(85675)	1998 RC ₂	1998 09 03	426	Zoltowski, F. B.	(85727)	1998 SC ₇₅	1998 09 21	809	Elst, E. W.
(85676)	1998 RT ₂	1998 09 13	691	Spacewatch	(85728)	1998 SR ₇₅	1998 09 17	327	BAO Schmidt CCD Asteroid Program
(85677)	1998 RU ₂	1998 09 13	691	Spacewatch	(85729)	1998 SV ₇₆	1998 09 26	704	LINEAR
(85678)	1998 RZ ₇	1998 09 12	691	Spacewatch	(85730)	1998 SQ ₇₇	1998 09 26	704	LINEAR
(85679)	1998 RA ₁₅	1998 09 15	691	Spacewatch	(85731)	1998 SP ₈₀	1998 09 26	704	LINEAR
(85680)	1998 RS ₂₁	1998 09 15	691	Spacewatch	(85732)	1998 SJ ₈₂	1998 09 26	704	LINEAR
(85681)	1998 RR ₂₅	1998 09 14	704	LINEAR	(85733)	1998 ST ₉₀	1998 09 26	704	LINEAR
(85682)	1998 RJ ₂₉	1998 09 14	704	LINEAR	(85734)	1998 SK ₉₂	1998 09 26	704	LINEAR
(85683)	1998 RE ₃₂	1998 09 14	704	LINEAR	(85735)	1998 SF ₉₅	1998 09 26	704	LINEAR
(85684)	1998 RN ₄₁	1998 09 14	704	LINEAR	(85736)	1998 SW ₉₆	1998 09 26	704	LINEAR
(85685)	1998 RT ₄₂	1998 09 14	704	LINEAR	(85737)	1998 SE ₉₈	1998 09 26	704	LINEAR
(85686)	1998 RC ₄₄	1998 09 14	704	LINEAR	(85738)	1998 SZ ₁₀₃	1998 09 26	704	LINEAR
(85687)	1998 RF ₅₅	1998 09 14	704	LINEAR	(85739)	1998 SF ₁₀₅	1998 09 26	704	LINEAR
(85688)	1998 RN ₅₅	1998 09 14	704	LINEAR	(85740)	1998 SO ₁₀₆	1998 09 26	704	LINEAR
(85689)	1998 RT ₅₅	1998 09 14	704	LINEAR	(85741)	1998 SL ₁₀₇	1998 09 26	704	LINEAR
(85690)	1998 RG ₅₆	1998 09 14	704	LINEAR	(85742)	1998 SM ₁₁₁	1998 09 26	704	LINEAR
(85691)	1998 RH ₅₇	1998 09 14	704	LINEAR	(85743)	1998 SU ₁₁₃	1998 09 26	704	LINEAR
(85692)	1998 RQ ₅₇	1998 09 14	704	LINEAR	(85744)	1998 SG ₁₁₇	1998 09 26	704	LINEAR
(85693)	1998 RK ₅₉	1998 09 14	704	LINEAR	(85745)	1998 SH ₁₂₇	1998 09 26	704	LINEAR
(85694)	1998 RK ₆₀	1998 09 14	704	LINEAR	(85746)	1998 SP ₁₃₀	1998 09 26	704	LINEAR
(85695)	1998 RE ₆₁	1998 09 14	704	LINEAR	(85747)	1998 SL ₁₃₂	1998 09 26	704	LINEAR
(85696)	1998 RU ₆₂	1998 09 14	704	LINEAR	(85748)	1998 SK ₁₃₈	1998 09 26	704	LINEAR
(85697)	1998 RG ₆₈	1998 09 14	704	LINEAR	(85749)	1998 SH ₁₄₀	1998 09 26	704	LINEAR
(85698)	1998 RB ₆₉	1998 09 14	704	LINEAR	(85750)	1998 SE ₁₄₁	1998 09 26	704	LINEAR
(85699)	1998 RX ₆₉	1998 09 14	704	LINEAR	(85751)	1998 SU ₁₄₄	1998 09 20	809	Elst, E. W.
(85700)	1998 RT ₇₀	1998 09 14	704	LINEAR	(85752)	1998 SC ₁₅₃	1998 09 26	704	LINEAR
(85701)	1998 RV ₇₃	1998 09 14	704	LINEAR	(85753)	1998 SV ₁₅₃	1998 09 26	704	LINEAR
(85702)	1998 RA ₇₄	1998 09 14	704	LINEAR	(85754)	1998 SJ ₁₅₆	1998 09 26	704	LINEAR
(85703)	1998 RC ₇₅	1998 09 14	704	LINEAR	(85755)	1998 SK ₁₅₆	1998 09 26	704	LINEAR
(85704)	1998 SV ₁₉	1998 09 20	691	Spacewatch	(85756)	1998 SD ₁₅₇	1998 09 26	704	LINEAR
(85705)	1998 SO ₂₁	1998 09 21	691	Spacewatch	(85757)	1998 SN ₁₅₇	1998 09 26	704	LINEAR
(85706)	1998 SB ₂₇	1998 09 20	327	BAO Schmidt CCD Asteroid Program	(85758)	1998 SK ₁₆₀	1998 09 26	704	LINEAR
(85707)	1998 SU ₃₃	1998 09 26	704	LINEAR	(85759)	1998 ST ₁₆₁	1998 09 26	704	LINEAR
(85708)	1998 SL ₃₅	1998 09 27	747	Cooney Jr., W. R., Wefel, K.	(85760)	1998 SG ₁₇₀	1998 09 19	699	LONEOS
(85709)	1998 SG ₃₆	1998 09 26	704	LINEAR	(85761)	1998 SC ₁₇₁	1998 09 25	699	LONEOS
(85710)	1998 SP ₃₈	1998 09 23	691	Spacewatch	(85762)	1998 TH ₄	1998 10 12	691	Spacewatch
(85711)	1998 SP ₄₃	1998 09 25	327	BAO Schmidt CCD Asteroid Program	(85763)	1998 TP ₇	1998 10 13	691	Spacewatch
(85712)	1998 SA ₄₅	1998 09 25	691	Spacewatch	(85764)	1998 TT ₁₂	1998 10 13	691	Spacewatch
(85713)	1998 SS ₄₉	1998 09 29	704	LINEAR	(85765)	1998 TM ₁₄	1998 10 14	691	Spacewatch
(85714)	1998 SU ₄₉	1998 09 26	704	LINEAR	(85766)	1998 TQ ₁₅	1998 10 15	910	ODAS
(85715)	1998 SB ₅₄	1998 09 16	699	LONEOS	(85767)	1998 TG ₂₈	1998 10 15	691	Spacewatch

(85768)	1998 TV ₂₉	1998 10 15	120	Korlević, K.	(85820)	1998 XP ₉	1998 12 14	120	Korlević, K.
(85769)	1998 UB	1998 10 16	703	CSS	(85821)	1998 XQ ₁₀	1998 12 15	910	ODAS
(85770)	1998 UP ₁	1998 10 18	704	LINEAR	(85822)	1998 XC ₁₇	1998 12 08	910	ODAS
(85771)	1998 UR ₄	1998 10 20	910	ODAS	(85823)	1998 XM ₁₉	1998 12 10	691	Spacewatch
(85772)	1998 UN ₆	1998 10 21	046	Kleť	(85824)	1998 XV ₂₀	1998 12 10	691	Spacewatch
(85773)	1998 UF ₁₅	1998 10 25	758	Griffin, I. P.	(85825)	1998 XL ₂₄	1998 12 11	691	Spacewatch
(85774)	1998 UT ₁₈	1998 10 27	703	CSS	(85826)	1998 XA ₄₀	1998 12 14	704	LINEAR
(85775)	1998 UY ₂₀	1998 10 29	120	Korlević, K.	(85827)	1998 XA ₄₇	1998 12 14	704	LINEAR
(85776)	1998 UM ₃₇	1998 10 28	704	LINEAR	(85828)	1998 XN ₅₃	1998 12 14	704	LINEAR
(85777)	1998 UM ₄₁	1998 10 28	704	LINEAR	(85829)	1998 XW ₅₆	1998 12 15	704	LINEAR
(85778)	1998 UZ ₄₂	1998 10 28	704	LINEAR	(85830)	1998 XB ₅₉	1998 12 15	704	LINEAR
(85779)	1998 UO ₄₃	1998 10 28	704	LINEAR	(85831)	1998 XL ₆₄	1998 12 14	704	LINEAR
(85780)	1998 VK ₂	1998 11 10	910	ODAS	(85832)	1998 XR ₆₄	1998 12 14	704	LINEAR
(85781)	1998 VP ₂	1998 11 10	910	ODAS	(85833)	1998 XD ₆₈	1998 12 14	704	LINEAR
(85782)	1998 VZ ₂	1998 11 10	910	ODAS	(85834)	1998 XM ₇₄	1998 12 14	704	LINEAR
(85783)	1998 VT ₃	1998 11 10	910	ODAS	(85835)	1998 XB ₈₁	1998 12 15	704	LINEAR
(85784)	1998 VV ₃	1998 11 10	910	ODAS	(85836)	1998 YF ₂	1998 12 17	910	ODAS
(85785)	1998 VV ₁₁	1998 11 10	704	LINEAR	(85837)	1998 YM ₂	1998 12 17	910	ODAS
(85786)	1998 VY ₁₂	1998 11 10	704	LINEAR	(85838)	1998 YU ₂	1998 12 17	910	ODAS
(85787)	1998 VU ₁₄	1998 11 10	704	LINEAR	(85839)	1998 YO ₄	1998 12 17	704	LINEAR
(85788)	1998 VA ₁₇	1998 11 10	704	LINEAR	(85840)	1998 YR ₄	1998 12 18	046	Kleť
(85789)	1998 VK ₁₇	1998 11 10	704	LINEAR	(85841)	1998 YR ₆	1998 12 20	557	Kolar, A., Šarounová, L.
(85790)	1998 VX ₁₇	1998 11 10	704	LINEAR	(85842)	1998 YK ₇	1998 12 22	411	Kobayashi, T.
(85791)	1998 VS ₁₈	1998 11 10	704	LINEAR	(85843)	1998 YT ₉	1998 12 25	120	Korlević, K., Jurić, M.
(85792)	1998 VK ₂₀	1998 11 10	704	LINEAR	(85844)	1998 YN ₁₆	1998 12 22	691	Spacewatch
(85793)	1998 VG ₂₆	1998 11 10	704	LINEAR	(85845)	1998 YP ₁₆	1998 12 22	691	Spacewatch
(85794)	1998 VA ₃₄	1998 11 11	910	ODAS	(85846)	1998 YP ₂₀	1998 12 25	691	Spacewatch
(85795)	1998 VO ₃₇	1998 11 10	704	LINEAR	(85847)	1998 YA ₂₈	1998 12 19	704	LINEAR
(85796)	1998 VD ₄₃	1998 11 15	691	Spacewatch	(85848)	1998 YP ₂₉	1998 12 28	691	Spacewatch
(85797)	1998 VD ₄₉	1998 11 10	704	LINEAR	(85849)	1999 AW	1999 01 07	411	Kobayashi, T.
(85798)	1998 VA ₅₀	1998 11 11	704	LINEAR	(85850)	1999 AR ₂	1999 01 09	411	Kobayashi, T.
(85799)	1998 VV ₅₀	1998 11 11	704	LINEAR	(85851)	1999 AS ₄	1999 01 11	411	Kobayashi, T.
(85800)	1998 VE ₅₃	1998 11 14	704	LINEAR	(85852)	1999 AA ₅	1999 01 11	411	Kobayashi, T.
(85801)	1998 VL ₅₄	1998 11 14	704	LINEAR	(85853)	1999 AB ₁₂	1999 01 07	691	Spacewatch
(85802)	1998 VK ₅₅	1998 11 10	910	ODAS	(85854)	1999 AE ₁₃	1999 01 07	691	Spacewatch
(85803)	1998 WS ₄	1998 11 18	703	CSS	(85855)	1999 AN ₁₅	1999 01 09	691	Spacewatch
(85804)	1998 WQ ₅	1998 11 19	704	LINEAR	(85856)	1999 AT ₁₉	1999 01 13	691	Spacewatch
(85805)	1998 WS ₆	1998 11 24	747	Cooney Jr., W. R., Motl, P. M.	(85857)	1999 AK ₂₄	1999 01 15	725	McClusky, J. V.
(85806)	1998 WG ₈	1998 11 25	411	Kobayashi, T.	(85858)	1999 AJ ₂₆	1999 01 09	376	Kawasato, N.
(85807)	1998 WR ₁₀	1998 11 21	704	LINEAR	(85859)	1999 AY ₂₇	1999 01 11	691	Spacewatch
(85808)	1998 WF ₁₂	1998 11 21	704	LINEAR	(85860)	1999 AY ₂₈	1999 01 13	691	Spacewatch
(85809)	1998 WU ₁₂	1998 11 21	704	LINEAR	(85861)	1999 AJ ₃₃	1999 01 15	691	Spacewatch
(85810)	1998 WV ₁₄	1998 11 21	704	LINEAR	(85862)	1999 AF ₃₄	1999 01 13	699	LONEOS
(85811)	1998 WD ₁₇	1998 11 21	704	LINEAR	(85863)	1999 BG	1999 01 16	411	Kobayashi, T.
(85812)	1998 WR ₂₂	1998 11 18	704	LINEAR	(85864)	1999 BJ ₇	1999 01 21	046	Kleť
(85813)	1998 WY ₂₆	1998 11 16	691	Spacewatch	(85865)	1999 BW ₈	1999 01 22	120	Korlević, K.
(85814)	1998 WF ₃₁	1998 11 19	703	CSS	(85866)	1999 BV ₉	1999 01 22	120	Korlević, K.
(85815)	1998 WX ₄₁	1998 11 24	704	LINEAR	(85867)	1999 BY ₉	1999 01 23	120	Korlević, K.
(85816)	1998 XG	1998 12 08	046	Kleť	(85868)	1999 BZ ₉	1999 01 23	120	Korlević, K.
(85817)	1998 XB ₁	1998 12 07	910	ODAS	(85869)	1999 BK ₁₀	1999 01 23	120	Korlević, K.
(85818)	1998 XM ₄	1998 12 10	704	LINEAR	(85870)	1999 BF ₁₈	1999 01 16	704	LINEAR
(85819)	1998 XF ₉	1998 12 12	104	Tombelli, M., Boattini, A.	(85871)	1999 BN ₃₀	1999 01 19	691	Spacewatch

(85872)	1999 BH ₃₁	1999 01 19	691	Spacewatch	(85924)	1999 CM ₁₀₇	1999 02 12	704	LINEAR
(85873)	1999 CE ₁	1999 02 05	888	Kagawa, T.	(85925)	1999 CV ₁₀₉	1999 02 12	704	LINEAR
(85874)	1999 CJ ₄	1999 02 09	411	Kobayashi, T.	(85926)	1999 CV ₁₁₅	1999 02 12	704	LINEAR
(85875)	1999 CR ₅	1999 02 12	411	Kobayashi, T.	(85927)	1999 CQ ₁₁₇	1999 02 12	704	LINEAR
(85876)	1999 CQ ₇	1999 02 10	704	LINEAR	(85928)	1999 CB ₁₂₀	1999 02 11	704	LINEAR
(85877)	1999 CD ₈	1999 02 13	734	Hug, G., Bell, G.	(85929)	1999 CJ ₁₂₂	1999 02 11	704	LINEAR
(85878)	1999 CF ₈	1999 02 13	747	Cooney Jr., W. R., Kandler, E.	(85930)	1999 CL ₁₂₂	1999 02 11	704	LINEAR
(85879)	1999 CO ₁₀	1999 02 12	704	LINEAR	(85931)	1999 CK ₁₂₃	1999 02 11	704	LINEAR
(85880)	1999 CL ₁₄	1999 02 15	120	Korlević, K.	(85932)	1999 CS ₁₄₁	1999 02 10	691	Spacewatch
(85881)	1999 CC ₁₉	1999 02 10	704	LINEAR	(85933)	1999 CO ₁₄₆	1999 02 09	691	Spacewatch
(85882)	1999 CA ₂₅	1999 02 10	704	LINEAR	(85934)	1999 CF ₁₄₈	1999 02 10	691	Spacewatch
(85883)	1999 CS ₂₇	1999 02 10	704	LINEAR	(85935)	1999 CG ₁₄₉	1999 02 13	691	Spacewatch
(85884)	1999 CO ₂₈	1999 02 10	704	LINEAR	(85936)	1999 CH ₁₄₉	1999 02 13	691	Spacewatch
(85885)	1999 CS ₃₀	1999 02 10	704	LINEAR	(85937)	1999 DL ₁	1999 02 17	704	LINEAR
(85886)	1999 CN ₃₅	1999 02 10	704	LINEAR	(85938)	1999 DJ ₄	1999 02 24	704	LINEAR
(85887)	1999 CE ₃₆	1999 02 10	704	LINEAR	(85939)	1999 DN ₅	1999 02 17	704	LINEAR
(85888)	1999 CG ₄₀	1999 02 10	704	LINEAR	(85940)	1999 DS ₈	1999 02 18	699	LONEOS
(85889)	1999 CH ₄₀	1999 02 10	704	LINEAR	(85941)	1999 DC ₉	1999 02 18	566	NEAT
(85890)	1999 CA ₄₅	1999 02 10	704	LINEAR	(85942)	1999 EB ₆	1999 03 12	691	Spacewatch
(85891)	1999 CH ₄₅	1999 02 10	704	LINEAR	(85943)	1999 EJ ₇	1999 03 12	691	Spacewatch
(85892)	1999 CH ₄₇	1999 02 10	704	LINEAR	(85944)	1999 EM ₇	1999 03 12	691	Spacewatch
(85893)	1999 CE ₄₈	1999 02 10	704	LINEAR	(85945)	1999 EB ₈	1999 03 12	691	Spacewatch
(85894)	1999 CH ₄₈	1999 02 10	704	LINEAR	(85946)	1999 EJ ₈	1999 03 14	691	Spacewatch
(85895)	1999 CS ₄₈	1999 02 10	704	LINEAR	(85947)	1999 ET ₁₁	1999 03 12	704	LINEAR
(85896)	1999 CJ ₄₉	1999 02 10	704	LINEAR	(85948)	1999 EP ₁₃	1999 03 10	691	Spacewatch
(85897)	1999 CA ₅₀	1999 02 10	704	LINEAR	(85949)	1999 EX ₁₄	1999 03 10	684	Comba, P. G.
(85898)	1999 CS ₅₁	1999 02 10	704	LINEAR	(85950)	1999 FQ ₇	1999 03 20	704	LINEAR
(85899)	1999 CS ₅₃	1999 02 10	704	LINEAR	(85951)	1999 FX ₉	1999 03 22	699	LONEOS
(85900)	1999 CQ ₅₇	1999 02 10	704	LINEAR	(85952)	1999 FW ₁₂	1999 03 18	691	Spacewatch
(85901)	1999 CM ₆₆	1999 02 12	704	LINEAR	(85953)	1999 FK ₂₁	1999 03 24	704	LINEAR
(85902)	1999 CS ₆₆	1999 02 12	704	LINEAR	(85954)	1999 FY ₂₃	1999 03 19	704	LINEAR
(85903)	1999 CD ₇₀	1999 02 12	704	LINEAR	(85955)	1999 FB ₂₉	1999 03 19	704	LINEAR
(85904)	1999 CH ₇₀	1999 02 12	704	LINEAR	(85956)	1999 FT ₃₅	1999 03 20	704	LINEAR
(85905)	1999 CY ₇₃	1999 02 12	704	LINEAR	(85957)	1999 FZ ₃₈	1999 03 20	704	LINEAR
(85906)	1999 CT ₇₄	1999 02 12	704	LINEAR	(85958)	1999 FU ₄₂	1999 03 20	704	LINEAR
(85907)	1999 CV ₈₃	1999 02 10	704	LINEAR	(85959)	1999 FV ₄₂	1999 03 20	704	LINEAR
(85908)	1999 CE ₈₅	1999 02 10	704	LINEAR	(85960)	1999 FR ₅₀	1999 03 20	704	LINEAR
(85909)	1999 CJ ₈₅	1999 02 10	704	LINEAR	(85961)	1999 FV ₅₁	1999 03 20	704	LINEAR
(85910)	1999 CZ ₈₆	1999 02 10	704	LINEAR	(85962)	1999 FJ ₅₃	1999 03 20	704	LINEAR
(85911)	1999 CY ₉₁	1999 02 10	704	LINEAR	(85963)	1999 FD ₅₇	1999 03 20	704	LINEAR
(85912)	1999 CL ₉₃	1999 02 10	704	LINEAR	(85964)	1999 FZ ₅₇	1999 03 20	704	LINEAR
(85913)	1999 CQ ₉₄	1999 02 10	704	LINEAR	(85965)	1999 FW ₆₀	1999 03 22	699	LONEOS
(85914)	1999 CM ₉₅	1999 02 10	704	LINEAR	(85966)	1999 FD ₆₂	1999 03 22	699	LONEOS
(85915)	1999 CU ₉₇	1999 02 10	704	LINEAR	(85967)	1999 GK ₁	1999 04 07	411	Kobayashi, T.
(85916)	1999 CT ₉₈	1999 02 10	704	LINEAR	(85968)	1999 GB ₂	1999 04 08	888	Kagawa, T.
(85917)	1999 CV ₉₈	1999 02 10	704	LINEAR	(85969)	1999 GP ₂	1999 04 08	621	Bickel, W.
(85918)	1999 CD ₁₀₀	1999 02 10	704	LINEAR	(85970)	1999 GB ₄	1999 04 11	859	Jacques, C.
(85919)	1999 CH ₁₀₀	1999 02 10	704	LINEAR	(85971)	1999 GW ₅	1999 04 15	426	Zoltowski, F. B.
(85920)	1999 CJ ₁₀₀	1999 02 10	704	LINEAR	(85972)	1999 GJ ₇	1999 04 06	699	LONEOS
(85921)	1999 CV ₁₀₁	1999 02 10	704	LINEAR	(85973)	1999 GP ₁₉	1999 04 15	704	LINEAR
(85922)	1999 CB ₁₀₃	1999 02 12	704	LINEAR	(85974)	1999 GF ₂₁	1999 04 15	704	LINEAR
(85923)	1999 CF ₁₀₅	1999 02 12	704	LINEAR	(85975)	1999 GD ₃₃	1999 04 12	704	LINEAR

(85976)	1999 GR ₃₃	1999 04 12	704	LINEAR	(86028)	1999 LR ₁₉	1999 06 09	704	LINEAR
(85977)	1999 GZ ₄₂	1999 04 12	704	LINEAR	(86029)	1999 LV ₃₂	1999 06 08	703	CSS
(85978)	1999 GD ₄₅	1999 04 12	704	LINEAR	(86030)	1999 NS ₁	1999 07 12	704	LINEAR
(85979)	1999 GH ₅₉	1999 04 12	704	LINEAR	(86031)	1999 NR ₂	1999 07 13	704	LINEAR
(85980)	1999 HG ₃	1999 04 20	385	Urata, T.	(86032)	1999 NK ₅	1999 07 13	704	LINEAR
(85981)	1999 HS ₃	1999 04 18	703	CSS	(86033)	1999 ND ₈	1999 07 13	704	LINEAR
(85982)	1999 HQ ₆	1999 04 19	691	Spacewatch	(86034)	1999 NU ₉	1999 07 13	704	LINEAR
(85983)	1999 HX ₇	1999 04 19	691	Spacewatch	(86035)	1999 NH ₂₈	1999 07 14	704	LINEAR
(85984)	1999 HV ₁₀	1999 04 17	704	LINEAR	(86036)	1999 NS ₃₃	1999 07 14	704	LINEAR
(85985)	1999 JW	1999 05 05	327	BAO Schmidt CCD Asteroid Program	(86037)	1999 NN ₃₇	1999 07 14	704	LINEAR
(85986)	1999 JX	1999 05 06	327	BAO Schmidt CCD Asteroid Program	(86038)	1999 NY ₃₈	1999 07 14	704	LINEAR
(85987)	1999 JT ₅	1999 05 12	704	LINEAR	(86039)	1999 NC ₄₃	1999 07 14	704	LINEAR
(85988)	1999 JX ₅	1999 05 12	704	LINEAR	(86040)	1999 NU ₄₃	1999 07 13	704	LINEAR
(85989)	1999 JD ₆	1999 05 12	699	LONEOS	(86041)	1999 NN ₅₆	1999 07 12	704	LINEAR
(85990)	1999 JV ₆	1999 05 13	704	LINEAR	(86042)	1999 NH ₆₅	1999 07 12	704	LINEAR
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(85992)	1999 JR ₁₇	1999 05 10	704	LINEAR	(86044)	1999 OD ₂	1999 07 22	704	LINEAR
(85993)	1999 JU ₂₈	1999 05 10	704	LINEAR	(86045)	1999 ON ₂	1999 07 22	704	LINEAR
(85994)	1999 JV ₄₁	1999 05 10	704	LINEAR	(86046)	1999 OY ₂	1999 07 22	704	LINEAR
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(85996)	1999 JO ₆₅	1999 05 12	704	LINEAR	(86048)	1999 PP ₁	1999 08 09	557	Pravec, P., Kušnirák, P.
(85997)	1999 JB ₆₉	1999 05 12	704	LINEAR	(86049)	1999 PH ₄	1999 08 13	428	Broughton, J.
(85998)	1999 JH ₆₉	1999 05 12	704	LINEAR	(86050)	1999 PG ₈	1999 08 12	699	LONEOS
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(86000)	1999 JT ₇₈	1999 05 13	704	LINEAR	(86052)	1999 RM ₂	1999 09 04	703	CSS
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(86014)	1999 JE ₉₉	1999 05 12	704	LINEAR	(86066)	1999 RR ₂₇	1999 09 08	120	Korlević, K.
(86015)	1999 JN ₉₉	1999 05 12	704	LINEAR	(86067)	1999 RM ₂₈	1999 09 03	413	McNaught, R. H.
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(86018)	1999 JH ₁₁₅	1999 05 13	704	LINEAR	(86070)	1999 RZ ₄₃	1999 09 15	120	Korlević, K.
(86019)	1999 JG ₁₂₇	1999 05 13	704	LINEAR	(86071)	1999 RR ₄₅	1999 09 08	012	Pauwels, T.
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(86021)	1999 KQ ₄	1999 05 20	704	LINEAR	(86073)	1999 RX ₅₁	1999 09 07	704	LINEAR
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(86025)	1999 LX ₃	1999 06 09	704	LINEAR	(86077)	1999 RA ₆₇	1999 09 07	704	LINEAR
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(86027)	1999 LL ₁₃	1999 06 09	704	LINEAR	(86079)	1999 RK ₇₀	1999 09 07	704	LINEAR

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(86081)	1999 RN ₇₃	1999 09 07	704	LINEAR	(86133)	1999 RA ₁₇₁	1999 09 09	704	LINEAR
(86082)	1999 RA ₇₄	1999 09 07	704	LINEAR	(86134)	1999 RZ ₁₇₁	1999 09 09	704	LINEAR
(86083)	1999 RC ₇₄	1999 09 07	704	LINEAR	(86135)	1999 RK ₁₇₂	1999 09 09	704	LINEAR
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(86088)	1999 RR ₈₈	1999 09 07	704	LINEAR	(86140)	1999 RA ₁₈₃	1999 09 09	704	LINEAR
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(86096)	1999 RB ₁₀₃	1999 09 08	704	LINEAR	(86148)	1999 RV ₁₉₆	1999 09 08	704	LINEAR
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(86187)	1999 RQ ₂₃₉	1999 09 08	699	LONEOS	(86239)	1999 TV ₁₁₈	1999 10 04	704	LINEAR
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(86194)	1999 SD ₂	1999 09 18	704	LINEAR	(86246)	1999 TO ₁₄₃	1999 10 07	704	LINEAR
(86195)	1999 ST ₉	1999 09 30	104	Tesi, L., Forti, G.	(86247)	1999 TP ₁₄₅	1999 10 07	704	LINEAR
(86196)	1999 SC ₁₀	1999 09 24	461	JATE Asteroid Survey	(86248)	1999 TT ₁₅₄	1999 10 07	704	LINEAR
(86197)	1999 SP ₁₅	1999 09 30	703	CSS	(86249)	1999 TU ₁₆₀	1999 10 09	704	LINEAR
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(86203)	1999 TA ₂	1999 10 02	678	Juels, C. W.	(86255)	1999 TC ₁₈₉	1999 10 12	704	LINEAR
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(86210)	1999 TT ₂₀	1999 10 07	683	Tucker, R. A.	(86262)	1999 TE ₂₃₇	1999 10 03	703	CSS
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(86228)	1999 TW ₁₀₇	1999 10 04	704	LINEAR	(86280)	1999 UQ ₉	1999 10 31	704	LINEAR
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(86293)	1999 VX ₁₂	1999 11 01	704	LINEAR	(86345)	1999 XE ₈₄	1999 12 07	704	LINEAR
(86294)	1999 VM ₁₃	1999 11 02	704	LINEAR	(86346)	1999 XO ₈₄	1999 12 07	704	LINEAR
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(86297)	1999 VP ₂₁	1999 11 12	120	Korlević, K.	(86349)	1999 XO ₁₀₂	1999 12 07	704	LINEAR
(86298)	1999 VO ₂₂	1999 11 13	678	Juels, C. W.	(86350)	1999 XW ₁₀₂	1999 12 07	704	LINEAR
(86299)	1999 VB ₂₆	1999 11 03	704	LINEAR	(86351)	1999 XS ₁₀₅	1999 12 11	411	Kobayashi, T.
(86300)	1999 VU ₃₃	1999 11 03	704	LINEAR	(86352)	1999 XR ₁₁₁	1999 12 07	704	LINEAR
(86301)	1999 VL ₄₃	1999 11 01	703	CSS	(86353)	1999 XX ₁₁₃	1999 12 11	704	LINEAR
(86302)	1999 VJ ₄₆	1999 11 03	704	LINEAR	(86354)	1999 XB ₁₁₆	1999 12 05	703	CSS
(86303)	1999 VL ₅₈	1999 11 04	704	LINEAR	(86355)	1999 XF ₁₁₆	1999 12 05	703	CSS
(86304)	1999 VC ₆₀	1999 11 04	704	LINEAR	(86356)	1999 XR ₁₂₂	1999 12 07	703	CSS
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(86307)	1999 VL ₇₈	1999 11 04	704	LINEAR	(86359)	1999 XQ ₁₄₃	1999 12 15	704	LINEAR
(86308)	1999 VN ₈₅	1999 11 05	703	CSS	(86360)	1999 XR ₁₆₂	1999 12 08	703	CSS
(86309)	1999 VA ₉₀	1999 11 05	704	LINEAR	(86361)	1999 XE ₁₇₈	1999 12 10	704	LINEAR
(86310)	1999 VK ₉₆	1999 11 09	704	LINEAR	(86362)	1999 XS ₁₇₈	1999 12 10	704	LINEAR
(86311)	1999 VE ₁₂₆	1999 11 09	691	Spacewatch	(86363)	1999 XT ₁₇₉	1999 12 10	704	LINEAR
(86312)	1999 VC ₁₄₆	1999 11 12	704	LINEAR	(86364)	1999 XC ₁₉₄	1999 12 12	704	LINEAR
(86313)	1999 VL ₁₅₉	1999 11 14	704	LINEAR	(86365)	1999 XH ₂₀₇	1999 12 12	704	LINEAR
(86314)	1999 VX ₁₆₁	1999 11 14	704	LINEAR	(86366)	1999 XO ₂₁₃	1999 12 14	704	LINEAR
(86315)	1999 VU ₁₇₇	1999 11 06	704	LINEAR	(86367)	1999 XY ₂₂₃	1999 12 13	691	Spacewatch
(86316)	1999 VS ₁₇₉	1999 11 06	704	LINEAR	(86368)	1999 XB ₂₂₅	1999 12 13	691	Spacewatch
(86317)	1999 VH ₁₉₂	1999 11 01	699	LONEOS	(86369)	1999 XK ₂₂₆	1999 12 14	691	Spacewatch
(86318)	1999 VS ₁₉₂	1999 11 01	699	LONEOS	(86370)	1999 XR ₂₂₈	1999 12 14	691	Spacewatch
(86319)	1999 VF ₁₉₉	1999 11 01	703	CSS	(86371)	1999 XZ ₂₃₄	1999 12 03	699	LONEOS
(86320)	1999 VT ₁₉₉	1999 11 04	699	LONEOS	(86372)	1999 XA ₂₅₄	1999 12 12	691	Spacewatch
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(86324)	1999 WA ₂	1999 11 16	704	LINEAR	(86376)	2000 AX ₄	2000 01 02	104	Tesi, L., Boattini, A.
(86325)	1999 WC ₆	1999 11 28	120	Korlević, K.	(86377)	2000 AQ ₁₂	2000 01 03	704	LINEAR
(86326)	1999 WK ₁₃	1999 11 30	704	LINEAR	(86378)	2000 AV ₁₈	2000 01 03	704	LINEAR
(86327)	1999 WM ₁₃	1999 11 29	120	Korlević, K.	(86379)	2000 AY ₂₆	2000 01 03	704	LINEAR
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(86337)	1999 XP ₃₂	1999 12 06	704	LINEAR	(86389)	2000 AM ₆₇	2000 01 04	704	LINEAR
(86338)	1999 XK ₃₄	1999 12 06	704	LINEAR	(86390)	2000 AW ₇₄	2000 01 05	704	LINEAR
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(86393)	2000 AG ₁₁₂	2000 01 05	704	LINEAR	(86445)	2000 CW ₂₈	2000 02 02	704	LINEAR
(86394)	2000 AH ₁₂₄	2000 01 05	704	LINEAR	(86446)	2000 CS ₃₁	2000 02 02	704	LINEAR
(86395)	2000 AM ₁₂₄	2000 01 05	704	LINEAR	(86447)	2000 CE ₃₂	2000 02 02	704	LINEAR
(86396)	2000 AB ₁₂₉	2000 01 05	704	LINEAR	(86448)	2000 CU ₃₂	2000 02 02	704	LINEAR
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(86402)	2000 AB ₁₄₄	2000 01 05	704	LINEAR	(86454)	2000 CM ₄₀	2000 02 05	704	LINEAR
(86403)	2000 AJ ₁₄₈	2000 01 06	704	LINEAR	(86455)	2000 CF ₄₁	2000 02 06	684	Comba, P. G.
(86404)	2000 AG ₁₅₀	2000 01 07	704	LINEAR	(86456)	2000 CM ₄₁	2000 02 02	704	LINEAR
(86405)	2000 AN ₁₅₂	2000 01 08	704	LINEAR	(86457)	2000 CC ₄₃	2000 02 02	704	LINEAR
(86406)	2000 AU ₁₅₂	2000 01 08	704	LINEAR	(86458)	2000 CB ₄₇	2000 02 02	704	LINEAR
(86407)	2000 AK ₁₆₉	2000 01 07	704	LINEAR	(86459)	2000 CS ₄₉	2000 02 02	704	LINEAR
(86408)	2000 AC ₁₈₅	2000 01 07	704	LINEAR	(86460)	2000 CC ₅₂	2000 02 02	704	LINEAR
(86409)	2000 AK ₁₈₆	2000 01 08	704	LINEAR	(86461)	2000 CN ₅₂	2000 02 02	704	LINEAR
(86410)	2000 AU ₁₉₂	2000 01 08	704	LINEAR	(86462)	2000 CL ₅₆	2000 02 04	704	LINEAR
(86411)	2000 AQ ₂₀₁	2000 01 09	704	LINEAR	(86463)	2000 CV ₅₇	2000 02 05	704	LINEAR
(86412)	2000 AW ₂₀₂	2000 01 10	704	LINEAR	(86464)	2000 CU ₆₂	2000 02 02	704	LINEAR
(86413)	2000 AN ₂₀₃	2000 01 10	704	LINEAR	(86465)	2000 CU ₆₃	2000 02 02	704	LINEAR
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(86419)	2000 AL ₂₄₅	2000 01 09	704	LINEAR	(86471)	2000 CX ₇₆	2000 02 10	120	Korlević, K.
(86420)	2000 BT ₂	2000 01 26	704	LINEAR	(86472)	2000 CZ ₇₆	2000 02 10	120	Korlević, K.
(86421)	2000 BC ₃	2000 01 26	120	Korlević, K.	(86473)	2000 CF ₇₉	2000 02 08	691	Spacewatch
(86422)	2000 BX ₁₃	2000 01 29	691	Spacewatch	(86474)	2000 CT ₇₉	2000 02 08	691	Spacewatch
(86423)	2000 BQ ₁₉	2000 01 26	691	Spacewatch	(86475)	2000 CJ ₈₀	2000 02 04	704	LINEAR
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(86426)	2000 BP ₂₃	2000 01 27	704	LINEAR	(86478)	2000 CL ₈₇	2000 02 04	704	LINEAR
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(86429)	2000 BJ ₂₉	2000 01 31	704	LINEAR	(86481)	2000 CX ₁₀₂	2000 02 04	704	LINEAR
(86430)	2000 BV ₃₁	2000 01 27	691	Spacewatch	(86482)	2000 CJ ₁₀₄	2000 02 07	327	BAO Schmidt CCD Asteroid Program
(86431)	2000 BN ₅₀	2000 01 16	691	Spacewatch	(86483)	2000 CT ₁₁₁	2000 02 06	703	CSS
(86432)	2000 BW ₅₁	2000 01 30	703	CSS	(86484)	2000 CD ₁₂₀	2000 02 02	704	LINEAR
(86433)	2000 CU ₂	2000 02 04	652	Yeung, W. K. Y.	(86485)	2000 CF ₁₂₆	2000 02 03	704	LINEAR
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(86437)	2000 CJ ₁₃	2000 02 02	704	LINEAR	(86489)	2000 DU ₉	2000 02 26	691	Spacewatch
(86438)	2000 CN ₁₆	2000 02 02	704	LINEAR	(86490)	2000 DA ₁₅	2000 02 26	703	CSS
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(86497)	2000 DO ₂₉	2000 02 29	704	LINEAR	(86549)	2000 EG	2000 03 02	684	Comba, P. G.
(86498)	2000 DQ ₂₉	2000 02 29	704	LINEAR	(86550)	2000 EA ₃	2000 03 03	704	LINEAR
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(86500)	2000 DR ₃₂	2000 02 29	704	LINEAR	(86552)	2000 EY ₆	2000 03 02	691	Spacewatch
(86501)	2000 DR ₃₅	2000 02 29	704	LINEAR	(86553)	2000 ER ₈	2000 03 03	704	LINEAR
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(86504)	2000 DG ₄₁	2000 02 29	704	LINEAR	(86556)	2000 EN ₁₂	2000 03 04	704	LINEAR
(86505)	2000 DS ₄₂	2000 02 29	704	LINEAR	(86557)	2000 EC ₁₆	2000 03 03	691	Spacewatch
(86506)	2000 DR ₄₃	2000 02 29	704	LINEAR	(86558)	2000 EQ ₁₆	2000 03 03	704	LINEAR
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(86508)	2000 DU ₄₄	2000 02 29	704	LINEAR	(86560)	2000 EQ ₁₉	2000 03 05	704	LINEAR
(86509)	2000 DJ ₄₇	2000 02 29	704	LINEAR	(86561)	2000 EM ₂₅	2000 03 08	691	Spacewatch
(86510)	2000 DE ₅₃	2000 02 29	704	LINEAR	(86562)	2000 EP ₂₅	2000 03 08	691	Spacewatch
(86511)	2000 DB ₅₄	2000 02 29	704	LINEAR	(86563)	2000 EP ₂₈	2000 03 04	704	LINEAR
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(86515)	2000 DY ₆₄	2000 02 29	704	LINEAR	(86567)	2000 EB ₃₂	2000 03 05	704	LINEAR
(86516)	2000 DT ₆₇	2000 02 29	704	LINEAR	(86568)	2000 EU ₃₂	2000 03 05	704	LINEAR
(86517)	2000 DC ₆₈	2000 02 29	704	LINEAR	(86569)	2000 EN ₃₆	2000 03 05	704	LINEAR
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(86523)	2000 DC ₇₄	2000 02 29	704	LINEAR	(86575)	2000 EF ₄₃	2000 03 08	704	LINEAR
(86524)	2000 DK ₇₄	2000 02 29	704	LINEAR	(86576)	2000 EZ ₄₅	2000 03 09	704	LINEAR
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(86526)	2000 DG ₇₆	2000 02 29	704	LINEAR	(86578)	2000 EE ₄₈	2000 03 09	704	LINEAR
(86527)	2000 DH ₇₆	2000 02 29	704	LINEAR	(86579)	2000 ER ₄₈	2000 03 09	704	LINEAR
(86528)	2000 DC ₇₈	2000 02 29	704	LINEAR	(86580)	2000 EV ₄₈	2000 03 09	704	LINEAR
(86529)	2000 DN ₇₉	2000 02 28	704	LINEAR	(86581)	2000 EW ₅₄	2000 03 10	691	Spacewatch
(86530)	2000 DA ₈₀	2000 02 28	704	LINEAR	(86582)	2000 ED ₅₆	2000 03 08	704	LINEAR
(86531)	2000 DU ₈₁	2000 02 28	704	LINEAR	(86583)	2000 EJ ₅₇	2000 03 08	704	LINEAR
(86532)	2000 DO ₈₆	2000 02 29	704	LINEAR	(86584)	2000 ES ₅₇	2000 03 08	704	LINEAR
(86533)	2000 DQ ₉₈	2000 02 29	704	LINEAR	(86585)	2000 EX ₅₇	2000 03 08	704	LINEAR
(86534)	2000 DT ₉₈	2000 02 29	704	LINEAR	(86586)	2000 EQ ₅₈	2000 03 08	704	LINEAR
(86535)	2000 DK ₉₉	2000 02 29	704	LINEAR	(86587)	2000 ES ₆₀	2000 03 10	704	LINEAR
(86536)	2000 DN ₁₀₀	2000 02 29	704	LINEAR	(86588)	2000 EG ₆₁	2000 03 10	704	LINEAR
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(86538)	2000 DR ₁₀₂	2000 02 29	704	LINEAR	(86590)	2000 EQ ₆₂	2000 03 10	704	LINEAR
(86539)	2000 DQ ₁₀₃	2000 02 29	704	LINEAR	(86591)	2000 EP ₆₃	2000 03 10	704	LINEAR
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(86543)	2000 DR ₁₀₆	2000 02 29	704	LINEAR	(86595)	2000 EW ₆₅	2000 03 10	704	LINEAR
(86544)	2000 DX ₁₀₆	2000 02 29	704	LINEAR	(86596)	2000 EO ₆₇	2000 03 10	704	LINEAR
(86545)	2000 DC ₁₀₉	2000 02 29	704	LINEAR	(86597)	2000 EG ₆₈	2000 03 10	704	LINEAR
(86546)	2000 DW ₁₁₁	2000 02 29	704	LINEAR	(86598)	2000 EQ ₆₉	2000 03 10	704	LINEAR
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(86602)	2000 EN ₇₆	2000 03 05	704	LINEAR	(86654)	2000 ED ₁₇₂	2000 03 10	704	LINEAR
(86603)	2000 EX ₇₇	2000 03 05	704	LINEAR	(86655)	2000 ET ₁₈₃	2000 03 05	704	LINEAR
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(86608)	2000 EK ₈₅	2000 03 08	704	LINEAR	(86660)	2000 EH ₂₀₀	2000 03 01	703	CSS
(86609)	2000 EP ₉₀	2000 03 09	704	LINEAR	(86661)	2000 FG ₃	2000 03 28	704	LINEAR
(86610)	2000 EB ₉₂	2000 03 09	704	LINEAR	(86662)	2000 FA ₆	2000 03 25	691	Spacewatch
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(86613)	2000 EW ₉₈	2000 03 10	691	Spacewatch	(86665)	2000 FD ₁₀	2000 03 30	691	Spacewatch
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(86615)	2000 EJ ₁₀₉	2000 03 08	608	NEAT	(86667)	2000 FO ₁₀	2000 03 30	704	LINEAR
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(86617)	2000 EY ₁₁₃	2000 03 09	704	LINEAR	(86669)	2000 FV ₁₄	2000 03 29	704	LINEAR
(86618)	2000 EX ₁₁₆	2000 03 10	704	LINEAR	(86670)	2000 FN ₁₅	2000 03 28	704	LINEAR
(86619)	2000 EF ₁₂₀	2000 03 11	699	LONEOS	(86671)	2000 FA ₁₉	2000 03 29	704	LINEAR
(86620)	2000 EY ₁₂₀	2000 03 11	699	LONEOS	(86672)	2000 FV ₁₉	2000 03 29	704	LINEAR
(86621)	2000 EB ₁₂₁	2000 03 11	699	LONEOS	(86673)	2000 FB ₂₃	2000 03 29	704	LINEAR
(86622)	2000 EV ₁₂₁	2000 03 11	703	CSS	(86674)	2000 FK ₂₃	2000 03 29	704	LINEAR
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(86624)	2000 EA ₁₂₃	2000 03 11	703	CSS	(86676)	2000 FY ₂₈	2000 03 27	699	LONEOS
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(86626)	2000 EV ₁₂₄	2000 03 11	699	LONEOS	(86678)	2000 FK ₂₉	2000 03 27	699	LONEOS
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(86628)	2000 ED ₁₂₇	2000 03 11	699	LONEOS	(86680)	2000 FG ₃₁	2000 03 28	704	LINEAR
(86629)	2000 EJ ₁₂₈	2000 03 11	699	LONEOS	(86681)	2000 FK ₃₃	2000 03 29	704	LINEAR
(86630)	2000 EL ₁₃₂	2000 03 11	704	LINEAR	(86682)	2000 FB ₃₅	2000 03 29	704	LINEAR
(86631)	2000 EM ₁₃₂	2000 03 11	704	LINEAR	(86683)	2000 FF ₃₅	2000 03 29	704	LINEAR
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(86633)	2000 EY ₁₃₂	2000 03 11	704	LINEAR	(86685)	2000 FO ₃₉	2000 03 29	704	LINEAR
(86634)	2000 ED ₁₃₃	2000 03 11	704	LINEAR	(86686)	2000 FU ₃₉	2000 03 29	704	LINEAR
(86635)	2000 EE ₁₃₃	2000 03 11	704	LINEAR	(86687)	2000 FH ₄₁	2000 03 29	704	LINEAR
(86636)	2000 ER ₁₃₃	2000 03 11	699	LONEOS	(86688)	2000 FA ₄₄	2000 03 29	704	LINEAR
(86637)	2000 EO ₁₃₄	2000 03 11	699	LONEOS	(86689)	2000 FN ₄₅	2000 03 29	704	LINEAR
(86638)	2000 EQ ₁₃₄	2000 03 11	699	LONEOS	(86690)	2000 FS ₄₅	2000 03 29	704	LINEAR
(86639)	2000 EA ₁₃₅	2000 03 11	699	LONEOS	(86691)	2000 FE ₄₆	2000 03 29	704	LINEAR
(86640)	2000 EN ₁₃₅	2000 03 11	699	LONEOS	(86692)	2000 FS ₄₇	2000 03 29	704	LINEAR
(86641)	2000 EA ₁₃₆	2000 03 11	704	LINEAR	(86693)	2000 FR ₄₈	2000 03 30	704	LINEAR
(86642)	2000 EH ₁₄₀	2000 03 01	703	CSS	(86694)	2000 FC ₄₉	2000 03 30	704	LINEAR
(86643)	2000 ES ₁₄₁	2000 03 02	703	CSS	(86695)	2000 FF ₄₉	2000 03 30	704	LINEAR
(86644)	2000 EB ₁₄₅	2000 03 03	703	CSS	(86696)	2000 FO ₄₉	2000 03 30	704	LINEAR
(86645)	2000 ES ₁₄₅	2000 03 03	704	LINEAR	(86697)	2000 FY ₄₉	2000 03 30	704	LINEAR
(86646)	2000 EG ₁₄₇	2000 03 04	703	CSS	(86698)	2000 FJ ₅₅	2000 03 30	703	CSS
(86647)	2000 EQ ₁₅₀	2000 03 05	608	NEAT	(86699)	2000 FU ₅₅	2000 03 27	699	LONEOS
(86648)	2000 EG ₁₅₂	2000 03 06	608	NEAT	(86700)	2000 FD ₅₈	2000 03 26	699	LONEOS
(86649)	2000 EM ₁₅₂	2000 03 06	608	NEAT	(86701)	2000 FP ₅₉	2000 03 29	704	LINEAR
(86650)	2000 EW ₁₅₃	2000 03 06	608	NEAT	(86702)	2000 FM ₆₀	2000 03 29	704	LINEAR
(86651)	2000 EC ₁₅₄	2000 03 06	608	NEAT	(86703)	2000 FC ₆₁	2000 03 29	704	LINEAR

(86704)	2000 FS ₆₃	2000 03 29	704	LINEAR	(86756)	2000 GV ₆₉	2000 04 05	704	LINEAR
(86705)	2000 FW ₆₄	2000 03 30	704	LINEAR	(86757)	2000 GA ₇₀	2000 04 05	704	LINEAR
(86706)	2000 FY ₇₃	2000 03 29	704	LINEAR	(86758)	2000 GV ₇₁	2000 04 05	704	LINEAR
(86707)	2000 GJ	2000 04 02	684	Comba, P. G.	(86759)	2000 GX ₇₂	2000 04 05	704	LINEAR
(86708)	2000 GK ₅	2000 04 04	704	LINEAR	(86760)	2000 GQ ₇₅	2000 04 05	704	LINEAR
(86709)	2000 GR ₅	2000 04 04	704	LINEAR	(86761)	2000 GR ₇₅	2000 04 05	704	LINEAR
(86710)	2000 GU ₅	2000 04 04	704	LINEAR	(86762)	2000 GS ₇₅	2000 04 05	704	LINEAR
(86711)	2000 GB ₆	2000 04 04	704	LINEAR	(86763)	2000 GH ₇₈	2000 04 05	704	LINEAR
(86712)	2000 GO ₆	2000 04 04	704	LINEAR	(86764)	2000 GP ₇₈	2000 04 05	704	LINEAR
(86713)	2000 GY ₈	2000 04 05	704	LINEAR	(86765)	2000 GC ₈₄	2000 04 03	704	LINEAR
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(86715)	2000 GO ₉	2000 04 05	704	LINEAR	(86767)	2000 GX ₈₄	2000 04 03	704	LINEAR
(86716)	2000 GW ₁₀	2000 04 05	704	LINEAR	(86768)	2000 GA ₈₆	2000 04 04	704	LINEAR
(86717)	2000 GG ₁₁	2000 04 05	704	LINEAR	(86769)	2000 GE ₈₇	2000 04 04	704	LINEAR
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(86719)	2000 GA ₁₉	2000 04 05	704	LINEAR	(86771)	2000 GS ₈₇	2000 04 04	704	LINEAR
(86720)	2000 GC ₁₉	2000 04 05	704	LINEAR	(86772)	2000 GK ₈₈	2000 04 04	704	LINEAR
(86721)	2000 GJ ₂₈	2000 04 05	704	LINEAR	(86773)	2000 GT ₈₈	2000 04 04	704	LINEAR
(86722)	2000 GY ₂₈	2000 04 05	704	LINEAR	(86774)	2000 GH ₈₉	2000 04 04	704	LINEAR
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(86724)	2000 GY ₃₀	2000 04 05	704	LINEAR	(86776)	2000 GR ₉₁	2000 04 04	704	LINEAR
(86725)	2000 GG ₃₂	2000 04 05	704	LINEAR	(86777)	2000 GV ₉₁	2000 04 04	704	LINEAR
(86726)	2000 GN ₃₄	2000 04 05	704	LINEAR	(86778)	2000 GX ₉₁	2000 04 04	704	LINEAR
(86727)	2000 GW ₃₄	2000 04 05	704	LINEAR	(86779)	2000 GG ₉₂	2000 04 04	704	LINEAR
(86728)	2000 GV ₃₅	2000 04 05	704	LINEAR	(86780)	2000 GO ₉₂	2000 04 05	704	LINEAR
(86729)	2000 GX ₃₆	2000 04 05	704	LINEAR	(86781)	2000 GT ₉₂	2000 04 05	704	LINEAR
(86730)	2000 GY ₃₇	2000 04 05	704	LINEAR	(86782)	2000 GZ ₉₂	2000 04 05	704	LINEAR
(86731)	2000 GV ₃₈	2000 04 05	704	LINEAR	(86783)	2000 GX ₉₃	2000 04 05	704	LINEAR
(86732)	2000 GK ₃₉	2000 04 05	704	LINEAR	(86784)	2000 GZ ₉₃	2000 04 05	704	LINEAR
(86733)	2000 GS ₄₁	2000 04 05	704	LINEAR	(86785)	2000 GW ₉₄	2000 04 06	704	LINEAR
(86734)	2000 GT ₄₂	2000 04 05	704	LINEAR	(86786)	2000 GS ₉₇	2000 04 07	704	LINEAR
(86735)	2000 GF ₄₃	2000 04 05	704	LINEAR	(86787)	2000 GZ ₉₇	2000 04 07	704	LINEAR
(86736)	2000 GE ₄₅	2000 04 05	704	LINEAR	(86788)	2000 GX ₉₈	2000 04 07	704	LINEAR
(86737)	2000 GV ₄₆	2000 04 05	704	LINEAR	(86789)	2000 GD ₉₉	2000 04 07	704	LINEAR
(86738)	2000 GB ₅₁	2000 04 05	704	LINEAR	(86790)	2000 GE ₁₀₀	2000 04 07	704	LINEAR
(86739)	2000 GC ₅₁	2000 04 05	704	LINEAR	(86791)	2000 GN ₁₀₀	2000 04 07	704	LINEAR
(86740)	2000 GM ₅₁	2000 04 05	704	LINEAR	(86792)	2000 GM ₁₀₃	2000 04 07	704	LINEAR
(86741)	2000 GW ₅₂	2000 04 05	704	LINEAR	(86793)	2000 GF ₁₀₄	2000 04 07	704	LINEAR
(86742)	2000 GR ₅₃	2000 04 05	704	LINEAR	(86794)	2000 GL ₁₀₄	2000 04 07	704	LINEAR
(86743)	2000 GS ₅₆	2000 04 05	704	LINEAR	(86795)	2000 GM ₁₀₅	2000 04 07	704	LINEAR
(86744)	2000 GE ₅₇	2000 04 05	704	LINEAR	(86796)	2000 GY ₁₀₇	2000 04 07	704	LINEAR
(86745)	2000 GJ ₅₇	2000 04 05	704	LINEAR	(86797)	2000 GM ₁₀₈	2000 04 07	704	LINEAR
(86746)	2000 GW ₅₇	2000 04 05	704	LINEAR	(86798)	2000 GW ₁₁₁	2000 04 03	699	LONEOS
(86747)	2000 GZ ₅₇	2000 04 05	704	LINEAR	(86799)	2000 GH ₁₁₂	2000 04 03	699	LONEOS
(86748)	2000 GP ₅₈	2000 04 05	704	LINEAR	(86800)	2000 GG ₁₁₃	2000 04 06	704	LINEAR
(86749)	2000 GF ₆₀	2000 04 05	704	LINEAR	(86801)	2000 GJ ₁₁₃	2000 04 06	704	LINEAR
(86750)	2000 GS ₆₃	2000 04 05	704	LINEAR	(86802)	2000 GY ₁₁₃	2000 04 07	704	LINEAR
(86751)	2000 GQ ₆₄	2000 04 05	704	LINEAR	(86803)	2000 GZ ₁₁₄	2000 04 08	704	LINEAR
(86752)	2000 GB ₆₆	2000 04 05	704	LINEAR	(86804)	2000 GH ₁₁₅	2000 04 08	704	LINEAR
(86753)	2000 GK ₆₇	2000 04 05	704	LINEAR	(86805)	2000 GR ₁₁₅	2000 04 08	704	LINEAR
(86754)	2000 GS ₆₇	2000 04 05	704	LINEAR	(86806)	2000 GS ₁₁₅	2000 04 08	704	LINEAR
(86755)	2000 GO ₆₈	2000 04 05	704	LINEAR	(86807)	2000 GE ₁₁₆	2000 04 08	704	LINEAR

(86808)	2000 GW ₁₁₆	2000 04 02	691	Spacewatch	(86860)	2000 HX ₁₁	2000 04 28	704	LINEAR
(86809)	2000 GC ₁₂₄	2000 04 07	704	LINEAR	(86861)	2000 HA ₁₂	2000 04 28	704	LINEAR
(86810)	2000 GD ₁₂₄	2000 04 07	704	LINEAR	(86862)	2000 HU ₁₃	2000 04 28	704	LINEAR
(86811)	2000 GX ₁₂₄	2000 04 07	704	LINEAR	(86863)	2000 HY ₁₄	2000 04 27	704	LINEAR
(86812)	2000 GB ₁₂₅	2000 04 07	704	LINEAR	(86864)	2000 HH ₁₆	2000 04 29	704	LINEAR
(86813)	2000 GS ₁₃₁	2000 04 07	691	Spacewatch	(86865)	2000 HV ₁₆	2000 04 24	691	Spacewatch
(86814)	2000 GB ₁₃₃	2000 04 13	684	Comba, P. G.	(86866)	2000 HD ₁₈	2000 04 24	691	Spacewatch
(86815)	2000 GL ₁₃₄	2000 04 08	704	LINEAR	(86867)	2000 HU ₁₈	2000 04 25	691	Spacewatch
(86816)	2000 GB ₁₃₅	2000 04 08	704	LINEAR	(86868)	2000 HA ₂₀	2000 04 27	691	Spacewatch
(86817)	2000 GY ₁₃₅	2000 04 12	704	LINEAR	(86869)	2000 HF ₂₀	2000 04 29	691	Spacewatch
(86818)	2000 GK ₁₃₆	2000 04 12	704	LINEAR	(86870)	2000 HK ₂₀	2000 04 29	691	Spacewatch
(86819)	2000 GK ₁₃₇	2000 04 13	704	LINEAR	(86871)	2000 HA ₂₁	2000 04 27	704	LINEAR
(86820)	2000 GJ ₁₃₈	2000 04 04	699	LONEOS	(86872)	2000 HE ₂₁	2000 04 27	704	LINEAR
(86821)	2000 GV ₁₃₈	2000 04 04	699	LONEOS	(86873)	2000 HH ₂₁	2000 04 27	704	LINEAR
(86822)	2000 GY ₁₃₉	2000 04 04	699	LONEOS	(86874)	2000 HL ₂₁	2000 04 27	704	LINEAR
(86823)	2000 GO ₁₄₀	2000 04 04	699	LONEOS	(86875)	2000 HN ₂₁	2000 04 28	704	LINEAR
(86824)	2000 GS ₁₄₀	2000 04 04	699	LONEOS	(86876)	2000 HZ ₂₁	2000 04 29	704	LINEAR
(86825)	2000 GM ₁₄₁	2000 04 07	699	LONEOS	(86877)	2000 HG ₂₂	2000 04 29	704	LINEAR
(86826)	2000 GG ₁₄₂	2000 04 07	699	LONEOS	(86878)	2000 HD ₂₄	2000 04 30	608	NEAT
(86827)	2000 GN ₁₄₅	2000 04 10	691	Spacewatch	(86879)	2000 HS ₂₅	2000 04 24	699	LONEOS
(86828)	2000 GR ₁₄₅	2000 04 11	691	Spacewatch	(86880)	2000 HE ₂₆	2000 04 24	699	LONEOS
(86829)	2000 GR ₁₄₆	2000 04 12	704	LINEAR	(86881)	2000 HD ₂₇	2000 04 27	704	LINEAR
(86830)	2000 GN ₁₄₇	2000 04 02	699	LONEOS	(86882)	2000 HE ₂₇	2000 04 27	704	LINEAR
(86831)	2000 GT ₁₄₇	2000 04 02	691	Spacewatch	(86883)	2000 HH ₂₇	2000 04 27	704	LINEAR
(86832)	2000 GU ₁₅₂	2000 04 06	699	LONEOS	(86884)	2000 HJ ₂₇	2000 04 27	704	LINEAR
(86833)	2000 GZ ₁₅₃	2000 04 06	699	LONEOS	(86885)	2000 HU ₂₇	2000 04 28	704	LINEAR
(86834)	2000 GY ₁₅₆	2000 04 06	691	Spacewatch	(86886)	2000 HR ₂₉	2000 04 28	704	LINEAR
(86835)	2000 GJ ₁₅₈	2000 04 07	699	LONEOS	(86887)	2000 HV ₂₉	2000 04 28	704	LINEAR
(86836)	2000 GE ₁₆₀	2000 04 07	704	LINEAR	(86888)	2000 HB ₃₀	2000 04 28	704	LINEAR
(86837)	2000 GH ₁₆₀	2000 04 07	704	LINEAR	(86889)	2000 HF ₃₀	2000 04 28	704	LINEAR
(86838)	2000 GY ₁₆₁	2000 04 07	699	LONEOS	(86890)	2000 HN ₃₁	2000 04 29	704	LINEAR
(86839)	2000 GD ₁₆₂	2000 04 07	699	LONEOS	(86891)	2000 HK ₃₂	2000 04 29	704	LINEAR
(86840)	2000 GF ₁₆₂	2000 04 07	704	LINEAR	(86892)	2000 HQ ₃₂	2000 04 29	704	LINEAR
(86841)	2000 GC ₁₆₃	2000 04 09	699	LONEOS	(86893)	2000 HK ₃₃	2000 04 29	704	LINEAR
(86842)	2000 GQ ₁₆₆	2000 04 05	704	LINEAR	(86894)	2000 HJ ₃₄	2000 04 25	699	LONEOS
(86843)	2000 GM ₁₆₈	2000 04 04	699	LONEOS	(86895)	2000 HW ₃₄	2000 04 25	049	Uppsala-DLR Asteroid Survey
(86844)	2000 GW ₁₇₀	2000 04 05	699	LONEOS	(86896)	2000 HP ₃₇	2000 04 29	704	LINEAR
(86845)	2000 GP ₁₇₂	2000 04 02	699	LONEOS	(86897)	2000 HK ₃₉	2000 04 29	691	Spacewatch
(86846)	2000 GC ₁₇₃	2000 04 03	704	LINEAR	(86898)	2000 HE ₄₀	2000 04 30	691	Spacewatch
(86847)	2000 GV ₁₇₄	2000 04 03	691	Spacewatch	(86899)	2000 HQ ₄₀	2000 04 28	704	LINEAR
(86848)	2000 GL ₁₇₆	2000 04 02	691	Spacewatch	(86900)	2000 HM ₄₂	2000 04 29	704	LINEAR
(86849)	2000 GY ₁₇₉	2000 04 05	699	LONEOS	(86901)	2000 HW ₄₄	2000 04 26	699	LONEOS
(86850)	2000 GA ₁₈₃	2000 04 02	699	LONEOS	(86902)	2000 HQ ₄₅	2000 04 26	699	LONEOS
(86851)	2000 HK	2000 04 24	691	Spacewatch	(86903)	2000 HK ₄₆	2000 04 29	704	LINEAR
(86852)	2000 HJ ₂	2000 04 25	691	Spacewatch	(86904)	2000 HM ₄₆	2000 04 29	704	LINEAR
(86853)	2000 HC ₅	2000 04 27	704	LINEAR	(86905)	2000 HT ₄₆	2000 04 29	704	LINEAR
(86854)	2000 HF ₅	2000 04 28	704	LINEAR	(86906)	2000 HZ ₄₆	2000 04 29	704	LINEAR
(86855)	2000 HQ ₅	2000 04 24	691	Spacewatch	(86907)	2000 HB ₄₇	2000 04 29	704	LINEAR
(86856)	2000 HE ₉	2000 04 27	704	LINEAR	(86908)	2000 HD ₄₈	2000 04 29	704	LINEAR
(86857)	2000 HW ₉	2000 04 27	704	LINEAR	(86909)	2000 HH ₄₈	2000 04 29	704	LINEAR
(86858)	2000 HS ₁₁	2000 04 28	704	LINEAR	(86910)	2000 HM ₄₈	2000 04 29	704	LINEAR
(86859)	2000 HU ₁₁	2000 04 28	704	LINEAR	(86911)	2000 HE ₅₀	2000 04 29	704	LINEAR

(86912)	2000 HN ₅₀	2000 04 29	704	LINEAR	(86964)	2000 JV ₂	2000 05 03	704	LINEAR
(86913)	2000 HE ₅₁	2000 04 29	704	LINEAR	(86965)	2000 JD ₆	2000 05 02	704	LINEAR
(86914)	2000 HG ₅₁	2000 04 29	704	LINEAR	(86966)	2000 JP ₈	2000 05 06	704	LINEAR
(86915)	2000 HV ₅₁	2000 04 29	704	LINEAR	(86967)	2000 JB ₉	2000 05 01	704	LINEAR
(86916)	2000 HG ₅₄	2000 04 29	704	LINEAR	(86968)	2000 JW ₁₀	2000 05 02	704	LINEAR
(86917)	2000 HT ₅₄	2000 04 29	704	LINEAR	(86969)	2000 JN ₁₁	2000 05 03	704	LINEAR
(86918)	2000 HY ₅₄	2000 04 29	704	LINEAR	(86970)	2000 JW ₁₁	2000 05 05	704	LINEAR
(86919)	2000 HE ₅₆	2000 04 24	699	LONEOS	(86971)	2000 JG ₁₃	2000 05 06	704	LINEAR
(86920)	2000 HM ₅₆	2000 04 24	699	LONEOS	(86972)	2000 JM ₁₃	2000 05 06	704	LINEAR
(86921)	2000 HV ₅₆	2000 04 24	699	LONEOS	(86973)	2000 JS ₁₄	2000 05 06	704	LINEAR
(86922)	2000 HZ ₅₆	2000 04 24	699	LONEOS	(86974)	2000 JH ₁₅	2000 05 06	704	LINEAR
(86923)	2000 HV ₅₈	2000 04 25	699	LONEOS	(86975)	2000 JZ ₁₆	2000 05 05	704	LINEAR
(86924)	2000 HG ₅₉	2000 04 25	699	LONEOS	(86976)	2000 JJ ₁₇	2000 05 05	704	LINEAR
(86925)	2000 HO ₅₉	2000 04 25	699	LONEOS	(86977)	2000 JQ ₁₇	2000 05 06	704	LINEAR
(86926)	2000 HN ₆₀	2000 04 25	699	LONEOS	(86978)	2000 JT ₁₈	2000 05 03	704	LINEAR
(86927)	2000 HH ₆₁	2000 04 25	699	LONEOS	(86979)	2000 JW ₁₉	2000 05 06	704	LINEAR
(86928)	2000 HJ ₆₂	2000 04 25	691	Spacewatch	(86980)	2000 JT ₂₂	2000 05 07	704	LINEAR
(86929)	2000 HL ₆₅	2000 04 26	699	LONEOS	(86981)	2000 JM ₂₄	2000 05 07	704	LINEAR
(86930)	2000 HO ₆₅	2000 04 26	699	LONEOS	(86982)	2000 JG ₂₅	2000 05 07	704	LINEAR
(86931)	2000 HV ₆₅	2000 04 26	699	LONEOS	(86983)	2000 JA ₂₆	2000 05 07	704	LINEAR
(86932)	2000 HY ₆₅	2000 04 26	699	LONEOS	(86984)	2000 JF ₂₆	2000 05 07	704	LINEAR
(86933)	2000 HB ₆₆	2000 04 26	699	LONEOS	(86985)	2000 JU ₂₉	2000 05 07	704	LINEAR
(86934)	2000 HY ₆₆	2000 04 27	699	LONEOS	(86986)	2000 JM ₃₀	2000 05 07	704	LINEAR
(86935)	2000 HO ₆₉	2000 04 25	699	LONEOS	(86987)	2000 JW ₃₀	2000 05 07	704	LINEAR
(86936)	2000 HZ ₆₉	2000 04 26	699	LONEOS	(86988)	2000 JB ₃₁	2000 05 07	704	LINEAR
(86937)	2000 HB ₇₀	2000 04 26	699	LONEOS	(86989)	2000 JO ₃₂	2000 05 07	704	LINEAR
(86938)	2000 HK ₇₀	2000 04 26	699	LONEOS	(86990)	2000 JJ ₃₄	2000 05 07	704	LINEAR
(86939)	2000 HV ₇₀	2000 04 26	699	LONEOS	(86991)	2000 JX ₃₄	2000 05 07	704	LINEAR
(86940)	2000 HJ ₇₁	2000 04 24	699	LONEOS	(86992)	2000 JN ₃₅	2000 05 07	704	LINEAR
(86941)	2000 HY ₇₁	2000 04 25	699	LONEOS	(86993)	2000 JH ₃₆	2000 05 07	704	LINEAR
(86942)	2000 HD ₇₂	2000 04 25	699	LONEOS	(86994)	2000 JP ₃₆	2000 05 07	704	LINEAR
(86943)	2000 HA ₇₇	2000 04 27	704	LINEAR	(86995)	2000 JG ₃₇	2000 05 07	704	LINEAR
(86944)	2000 HN ₈₁	2000 04 29	699	LONEOS	(86996)	2000 JM ₃₇	2000 05 07	704	LINEAR
(86945)	2000 HE ₈₅	2000 04 29	691	Spacewatch	(86997)	2000 JQ ₃₇	2000 05 07	704	LINEAR
(86946)	2000 HG ₈₅	2000 04 29	691	Spacewatch	(86998)	2000 JG ₃₉	2000 05 07	704	LINEAR
(86947)	2000 HV ₈₅	2000 04 30	699	LONEOS	(86999)	2000 JG ₄₀	2000 05 07	704	LINEAR
(86948)	2000 HK ₈₆	2000 04 30	699	LONEOS	(87000)	2000 JE ₄₃	2000 05 07	704	LINEAR
(86949)	2000 HE ₈₇	2000 04 30	691	Spacewatch	(87001)	2000 JN ₄₄	2000 05 07	704	LINEAR
(86950)	2000 HC ₈₈	2000 04 27	704	LINEAR	(87002)	2000 JK ₄₆	2000 05 07	704	LINEAR
(86951)	2000 HL ₈₈	2000 04 27	704	LINEAR	(87003)	2000 JL ₄₆	2000 05 07	704	LINEAR
(86952)	2000 HT ₈₉	2000 04 29	704	LINEAR	(87004)	2000 JU ₄₉	2000 05 09	704	LINEAR
(86953)	2000 HS ₉₁	2000 04 30	699	LONEOS	(87005)	2000 JJ ₅₂	2000 05 09	704	LINEAR
(86954)	2000 HF ₉₆	2000 04 28	699	LONEOS	(87006)	2000 JU ₅₃	2000 05 11	704	LINEAR
(86955)	2000 HK ₉₆	2000 04 28	699	LONEOS	(87007)	2000 JF ₅₅	2000 05 06	704	LINEAR
(86956)	2000 HD ₉₇	2000 04 27	704	LINEAR	(87008)	2000 JK ₅₅	2000 05 06	704	LINEAR
(86957)	2000 HB ₁₀₁	2000 04 25	699	LONEOS	(87009)	2000 JN ₅₅	2000 05 06	704	LINEAR
(86958)	2000 JQ	2000 05 01	704	LINEAR	(87010)	2000 JR ₅₅	2000 05 06	704	LINEAR
(86959)	2000 JG ₁	2000 05 02	704	LINEAR	(87011)	2000 JQ ₅₆	2000 05 06	704	LINEAR
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(86961)	2000 JO ₁	2000 05 01	704	LINEAR	(87013)	2000 JP ₅₇	2000 05 06	704	LINEAR
(86962)	2000 JN ₂	2000 05 03	704	LINEAR	(87014)	2000 JV ₅₇	2000 05 06	704	LINEAR
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(87037)	2000 KC ₄	2000 05 27	428	Broughton, J.	(87089)	2000 LF ₁	2000 06 01	106	Crni Vrh
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(87061)	2000 KP ₄₅	2000 05 30	691	Spacewatch	(87113)	2000 LN ₂₅	2000 06 07	704	LINEAR
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(87066)	2000 KP ₅₆	2000 05 27	704	LINEAR	(87118)	2000 LB ₃₄	2000 06 03	608	NEAT
(87067)	2000 KA ₅₇	2000 05 28	704	LINEAR	(87119)	2000 LC ₃₄	2000 06 03	691	Spacewatch

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(87121)	2000 LG ₃₅	2000 06 01	608	NEAT	(87173)	2000 OE ₅	2000 07 24	704	LINEAR
(87122)	2000 LB ₃₆	2000 06 01	608	NEAT	(87174)	2000 OF ₅	2000 07 24	704	LINEAR
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(87128)	2000 MR ₄	2000 06 25	704	LINEAR	(87180)	2000 OT ₇	2000 07 24	704	LINEAR
(87129)	2000 MB ₅	2000 06 26	704	LINEAR	(87181)	2000 OC ₈	2000 07 30	704	LINEAR
(87130)	2000 NE	2000 07 01	684	Comba, P. G.	(87182)	2000 OB ₉	2000 07 31	704	LINEAR
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(87132)	2000 NO ₄	2000 07 03	691	Spacewatch	(87184)	2000 OC ₁₀	2000 07 23	704	LINEAR
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(87142)	2000 NL ₁₃	2000 07 05	699	LONEOS	(87194)	2000 OK ₁₈	2000 07 23	704	LINEAR
(87143)	2000 NQ ₁₄	2000 07 05	699	LONEOS	(87195)	2000 OW ₁₈	2000 07 23	704	LINEAR
(87144)	2000 NT ₁₄	2000 07 05	699	LONEOS	(87196)	2000 OG ₂₀	2000 07 30	704	LINEAR
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(87147)	2000 NM ₁₆	2000 07 05	699	LONEOS	(87199)	2000 OD ₂₄	2000 07 23	704	LINEAR
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(87151)	2000 NZ ₁₈	2000 07 05	699	LONEOS	(87203)	2000 OL ₂₆	2000 07 23	704	LINEAR
(87152)	2000 NF ₂₀	2000 07 06	691	Spacewatch	(87204)	2000 OL ₂₉	2000 07 30	704	LINEAR
(87153)	2000 NR ₂₀	2000 07 06	691	Spacewatch	(87205)	2000 OB ₃₀	2000 07 30	704	LINEAR
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(87155)	2000 NF ₂₁	2000 07 07	699	LONEOS	(87207)	2000 OO ₃₂	2000 07 30	704	LINEAR
(87156)	2000 NM ₂₁	2000 07 07	704	LINEAR	(87208)	2000 OQ ₃₂	2000 07 30	704	LINEAR
(87157)	2000 NK ₂₂	2000 07 07	699	LONEOS	(87209)	2000 OW ₃₂	2000 07 30	704	LINEAR
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(87159)	2000 NH ₂₃	2000 07 05	691	Spacewatch	(87211)	2000 OP ₃₆	2000 07 30	704	LINEAR
(87160)	2000 NK ₂₄	2000 07 04	699	LONEOS	(87212)	2000 OQ ₃₆	2000 07 30	704	LINEAR
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(87162)	2000 NM ₂₅	2000 07 04	699	LONEOS	(87214)	2000 OX ₃₆	2000 07 30	704	LINEAR
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(87258)	2000 OP ₅₃	2000 07 30	704	LINEAR	(87310)	2000 QE ₁	2000 08 23	428	Broughton, J.
(87259)	2000 OW ₅₃	2000 07 30	704	LINEAR	(87311)	2000 QJ ₁	2000 08 21	699	LONEOS
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(87266)	2000 OK ₅₉	2000 07 29	699	LONEOS	(87318)	2000 QS ₈	2000 08 24	106	Crni Vrh
(87267)	2000 OM ₅₉	2000 07 29	699	LONEOS	(87319)	2000 QD ₉	2000 08 25	106	Crni Vrh
(87268)	2000 OR ₅₉	2000 07 29	699	LONEOS	(87320)	2000 QX ₉	2000 08 24	704	LINEAR
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(87270)	2000 OR ₆₉	2000 07 31	807	Buie, M. W.	(87322)	2000 QX ₁₀	2000 08 24	704	LINEAR
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(87272)	2000 PL ₄	2000 08 01	704	LINEAR	(87324)	2000 QH ₁₁	2000 08 24	704	LINEAR
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(87336)	2000	QA ₂₂	2000	08	24	704	LINEAR	(87388)	2000	QL ₆₆	2000	08	28	704	LINEAR
(87337)	2000	QE ₂₂	2000	08	24	704	LINEAR	(87389)	2000	QT ₆₆	2000	08	28	704	LINEAR
(87338)	2000	QP ₂₂	2000	08	25	704	LINEAR	(87390)	2000	QN ₆₇	2000	08	28	704	LINEAR
(87339)	2000	QQ ₂₂	2000	08	25	704	LINEAR	(87391)	2000	QY ₆₇	2000	08	28	704	LINEAR
(87340)	2000	QB ₂₃	2000	08	25	704	LINEAR	(87392)	2000	QB ₆₉	2000	08	29	428	Broughton, J.
(87341)	2000	QF ₂₃	2000	08	25	704	LINEAR	(87393)	2000	QA ₇₁	2000	08	27	735	Needville
(87342)	2000	QR ₂₃	2000	08	25	704	LINEAR	(87394)	2000	QF ₇₂	2000	08	24	704	LINEAR
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(87370)	2000	QY ₅₀	2000	08	24	704	LINEAR	(87422)	2000	QE ₉₉	2000	08	28	704	LINEAR
(87371)	2000	QD ₅₂	2000	08	24	704	LINEAR	(87423)	2000	QW ₉₉	2000	08	28	704	LINEAR
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(87378)	2000	QQ ₅₉	2000	08	26	704	LINEAR	(87430)	2000	QG ₁₀₄	2000	08	28	704	LINEAR
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(87432)	2000	QG ₁₀₅	2000 08 28	704	LINEAR	(87484)	2000	QD ₁₅₀	2000 08 25	704	LINEAR
(87433)	2000	QM ₁₀₅	2000 08 28	704	LINEAR	(87485)	2000	QT ₁₅₀	2000 08 25	704	LINEAR
(87434)	2000	QX ₁₀₅	2000 08 28	704	LINEAR	(87486)	2000	QQ ₁₅₃	2000 08 29	704	LINEAR
(87435)	2000	QH ₁₀₆	2000 08 29	704	LINEAR	(87487)	2000	QY ₁₅₃	2000 08 31	704	LINEAR
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(87437)	2000	QC ₁₀₇	2000 08 29	704	LINEAR	(87489)	2000	QJ ₁₅₆	2000 08 31	704	LINEAR
(87438)	2000	QH ₁₀₇	2000 08 29	704	LINEAR	(87490)	2000	QN ₁₅₆	2000 08 31	704	LINEAR
(87439)	2000	QZ ₁₀₈	2000 08 29	704	LINEAR	(87491)	2000	QE ₁₅₇	2000 08 31	704	LINEAR
(87440)	2000	QA ₁₁₀	2000 08 24	704	LINEAR	(87492)	2000	QP ₁₅₈	2000 08 31	704	LINEAR
(87441)	2000	QE ₁₁₀	2000 08 24	704	LINEAR	(87493)	2000	QM ₁₅₉	2000 08 31	704	LINEAR
(87442)	2000	QZ ₁₁₀	2000 08 24	704	LINEAR	(87494)	2000	QC ₁₆₁	2000 08 31	704	LINEAR
(87443)	2000	QL ₁₁₁	2000 08 24	704	LINEAR	(87495)	2000	QH ₁₆₂	2000 08 31	704	LINEAR
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(87446)	2000	QO ₁₁₃	2000 08 24	704	LINEAR	(87498)	2000	QX ₁₆₆	2000 08 31	704	LINEAR
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(87448)	2000	QA ₁₁₈	2000 08 25	704	LINEAR	(87500)	2000	QS ₁₆₇	2000 08 31	704	LINEAR
(87449)	2000	QF ₁₁₉	2000 08 25	704	LINEAR	(87501)	2000	QD ₁₆₉	2000 08 31	704	LINEAR
(87450)	2000	QB ₁₂₀	2000 08 25	704	LINEAR	(87502)	2000	QC ₁₇₃	2000 08 31	704	LINEAR
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(87464)	2000	QV ₁₂₉	2000 08 31	428	Broughton, J.	(87516)	2000	QU ₁₉₀	2000 08 26	704	LINEAR
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(87472)	2000	QU ₁₃₅	2000 08 26	704	LINEAR	(87524)	2000	QQ ₁₉₇	2000 08 29	704	LINEAR
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(87580)	2000 RE ₁₆	2000 09 01	704	LINEAR	(87632)	2000 RF ₆₄	2000 09 01	704	LINEAR
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(87652)	2000 RK ₈₆	2000 09 02	704	LINEAR	(87704)	2000 SG ₂₃	2000 09 26	120	Korlević, K.
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(87983)	2000 TB ₅₇	2000 10 02	699	LONEOS	(88035)	2000 UA ₉₅	2000 10 25	704	LINEAR
(87984)	2000 TP ₅₇	2000 10 02	699	LONEOS	(88036)	2000 UT ₉₅	2000 10 25	704	LINEAR
(87985)	2000 TJ ₅₈	2000 10 02	704	LINEAR	(88037)	2000 UL ₉₆	2000 10 25	704	LINEAR
(87986)	2000 TD ₅₉	2000 10 02	699	LONEOS	(88038)	2000 UB ₉₇	2000 10 25	704	LINEAR
(87987)	2000 TF ₅₉	2000 10 02	699	LONEOS	(88039)	2000 UQ ₁₀₀	2000 10 25	704	LINEAR
(87988)	2000 TZ ₆₂	2000 10 02	704	LINEAR	(88040)	2000 UU ₁₀₀	2000 10 25	704	LINEAR
(87989)	2000 UG ₁	2000 10 21	919	Yeung, W. K. Y.	(88041)	2000 UM ₁₀₂	2000 10 25	704	LINEAR
(87990)	2000 UV ₄	2000 10 24	704	LINEAR	(88042)	2000 UT ₁₀₃	2000 10 25	704	LINEAR
(87991)	2000 UK ₆	2000 10 24	704	LINEAR	(88043)	2000 UE ₁₁₀	2000 10 29	704	LINEAR
(87992)	2000 UL ₇	2000 10 24	704	LINEAR	(88044)	2000 UP ₁₁₁	2000 10 29	704	LINEAR
(87993)	2000 UM ₁₀	2000 10 24	704	LINEAR	(88045)	2000 VC ₅	2000 11 01	704	LINEAR
(87994)	2000 UA ₁₁	2000 10 25	704	LINEAR	(88046)	2000 VM ₅	2000 11 01	704	LINEAR
(87995)	2000 UF ₁₂	2000 10 24	704	LINEAR	(88047)	2000 VR ₇	2000 11 01	704	LINEAR
(87996)	2000 UP ₂₁	2000 10 24	704	LINEAR	(88048)	2000 VO ₁₃	2000 11 01	704	LINEAR
(87997)	2000 UG ₂₄	2000 10 24	704	LINEAR	(88049)	2000 VB ₁₅	2000 11 01	704	LINEAR
(87998)	2000 UY ₂₇	2000 10 25	704	LINEAR	(88050)	2000 VL ₁₅	2000 11 01	704	LINEAR
(87999)	2000 UX ₂₈	2000 10 30	704	LINEAR	(88051)	2000 VM ₁₆	2000 11 01	704	LINEAR
(88000)	2000 UB ₃₆	2000 10 24	704	LINEAR	(88052)	2000 VP ₁₆	2000 11 01	704	LINEAR
(88001)	2000 UQ ₃₇	2000 10 24	704	LINEAR	(88053)	2000 VE ₁₈	2000 11 01	704	LINEAR
(88002)	2000 UJ ₃₉	2000 10 24	704	LINEAR	(88054)	2000 VK ₂₇	2000 11 01	704	LINEAR
(88003)	2000 UV ₃₉	2000 10 24	704	LINEAR	(88055)	2000 VA ₂₈	2000 11 01	704	LINEAR

(88056)	2000 VV ₃₃	2000 11 01	704	LINEAR	(88108)	2000 WO ₉₆	2000 11 21	704	LINEAR
(88057)	2000 VQ ₃₅	2000 11 01	704	LINEAR	(88109)	2000 WF ₉₇	2000 11 21	704	LINEAR
(88058)	2000 VG ₄₀	2000 11 01	704	LINEAR	(88110)	2000 WK ₉₈	2000 11 21	704	LINEAR
(88059)	2000 VT ₄₀	2000 11 01	704	LINEAR	(88111)	2000 WJ ₁₀₁	2000 11 25	704	LINEAR
(88060)	2000 VO ₄₄	2000 11 02	704	LINEAR	(88112)	2000 WF ₁₀₃	2000 11 26	704	LINEAR
(88061)	2000 VG ₄₅	2000 11 01	704	LINEAR	(88113)	2000 WT ₁₀₇	2000 11 20	704	LINEAR
(88062)	2000 VX ₄₅	2000 11 02	704	LINEAR	(88114)	2000 WW ₁₀₇	2000 11 20	704	LINEAR
(88063)	2000 VP ₄₆	2000 11 03	704	LINEAR	(88115)	2000 WD ₁₁₆	2000 11 20	704	LINEAR
(88064)	2000 VR ₄₆	2000 11 03	704	LINEAR	(88116)	2000 WN ₁₃₂	2000 11 19	704	LINEAR
(88065)	2000 VH ₄₇	2000 11 03	704	LINEAR	(88117)	2000 WV ₁₃₂	2000 11 19	704	LINEAR
(88066)	2000 VX ₄₇	2000 11 01	704	LINEAR	(88118)	2000 WQ ₁₃₄	2000 11 19	704	LINEAR
(88067)	2000 VM ₄₉	2000 11 02	704	LINEAR	(88119)	2000 WX ₁₃₄	2000 11 19	704	LINEAR
(88068)	2000 VX ₄₉	2000 11 02	704	LINEAR	(88120)	2000 WF ₁₃₉	2000 11 21	704	LINEAR
(88069)	2000 VY ₅₀	2000 11 03	704	LINEAR	(88121)	2000 WD ₁₄₀	2000 11 21	704	LINEAR
(88070)	2000 VN ₅₃	2000 11 03	704	LINEAR	(88122)	2000 WL ₁₄₀	2000 11 21	704	LINEAR
(88071)	2000 VO ₅₉	2000 11 04	867	Saji	(88123)	2000 WV ₁₄₁	2000 11 20	699	LONEOS
(88072)	2000 WB	2000 11 16	691	Spacewatch	(88124)	2000 WV ₁₄₂	2000 11 20	699	LONEOS
(88073)	2000 WB ₄	2000 11 19	704	LINEAR	(88125)	2000 WU ₁₄₅	2000 11 22	608	NEAT
(88074)	2000 WG ₅	2000 11 19	704	LINEAR	(88126)	2000 WW ₁₄₅	2000 11 23	608	NEAT
(88075)	2000 WL ₈	2000 11 20	704	LINEAR	(88127)	2000 WY ₁₄₆	2000 11 28	608	NEAT
(88076)	2000 WP ₁₃	2000 11 19	704	LINEAR	(88128)	2000 WH ₁₅₂	2000 11 27	704	LINEAR
(88077)	2000 WG ₁₄	2000 11 20	704	LINEAR	(88129)	2000 WN ₁₅₂	2000 11 29	704	LINEAR
(88078)	2000 WX ₁₄	2000 11 20	704	LINEAR	(88130)	2000 WM ₁₅₃	2000 11 29	704	LINEAR
(88079)	2000 WP ₁₅	2000 11 21	704	LINEAR	(88131)	2000 WV ₁₅₃	2000 11 30	704	LINEAR
(88080)	2000 WG ₁₇	2000 11 21	704	LINEAR	(88132)	2000 WF ₁₅₅	2000 11 30	704	LINEAR
(88081)	2000 WJ ₂₃	2000 11 20	704	LINEAR	(88133)	2000 WO ₁₅₈	2000 11 30	691	Spacewatch
(88082)	2000 WJ ₂₅	2000 11 21	704	LINEAR	(88134)	2000 WZ ₁₆₀	2000 11 20	699	LONEOS
(88083)	2000 WF ₂₈	2000 11 22	608	NEAT	(88135)	2000 WD ₁₆₅	2000 11 22	608	NEAT
(88084)	2000 WT ₃₂	2000 11 20	704	LINEAR	(88136)	2000 WL ₁₇₀	2000 11 24	699	LONEOS
(88085)	2000 WY ₃₄	2000 11 20	704	LINEAR	(88137)	2000 WY ₁₇₁	2000 11 25	704	LINEAR
(88086)	2000 WC ₃₅	2000 11 20	704	LINEAR	(88138)	2000 WD ₁₇₂	2000 11 25	704	LINEAR
(88087)	2000 WW ₄₁	2000 11 20	704	LINEAR	(88139)	2000 WP ₁₇₂	2000 11 25	704	LINEAR
(88088)	2000 WS ₄₇	2000 11 21	704	LINEAR	(88140)	2000 WV ₁₇₃	2000 11 26	704	LINEAR
(88089)	2000 WD ₄₈	2000 11 21	704	LINEAR	(88141)	2000 WE ₁₇₄	2000 11 26	704	LINEAR
(88090)	2000 WE ₄₈	2000 11 21	704	LINEAR	(88142)	2000 WH ₁₇₅	2000 11 26	704	LINEAR
(88091)	2000 WG ₄₈	2000 11 21	704	LINEAR	(88143)	2000 WN ₁₇₇	2000 11 27	704	LINEAR
(88092)	2000 WL ₅₀	2000 11 26	704	LINEAR	(88144)	2000 WS ₁₈₁	2000 11 25	704	LINEAR
(88093)	2000 WJ ₅₄	2000 11 20	704	LINEAR	(88145)	2000 WT ₁₈₂	2000 11 20	699	LONEOS
(88094)	2000 WT ₅₅	2000 11 20	704	LINEAR	(88146)	2000 WE ₁₈₃	2000 11 30	143	Sposetti, S.
(88095)	2000 WZ ₆₀	2000 11 21	704	LINEAR	(88147)	2000 WR ₁₈₃	2000 11 28	704	LINEAR
(88096)	2000 WQ ₆₂	2000 11 20	699	LONEOS	(88148)	2000 WB ₁₉₁	2000 11 19	699	LONEOS
(88097)	2000 WU ₆₂	2000 11 28	678	Juels, C. W.	(88149)	2000 XJ ₃	2000 12 01	704	LINEAR
(88098)	2000 WA ₆₉	2000 11 19	704	LINEAR	(88150)	2000 XZ ₃	2000 12 01	704	LINEAR
(88099)	2000 WJ ₇₂	2000 11 19	704	LINEAR	(88151)	2000 XO ₄	2000 12 01	704	LINEAR
(88100)	2000 WB ₇₃	2000 11 20	704	LINEAR	(88152)	2000 XP ₅	2000 12 01	704	LINEAR
(88101)	2000 WV ₇₇	2000 11 20	704	LINEAR	(88153)	2000 XD ₆	2000 12 01	704	LINEAR
(88102)	2000 WA ₇₉	2000 11 20	704	LINEAR	(88154)	2000 XJ ₆	2000 12 01	704	LINEAR
(88103)	2000 WJ ₈₁	2000 11 20	704	LINEAR	(88155)	2000 XN ₈	2000 12 01	704	LINEAR
(88104)	2000 WT ₈₁	2000 11 20	704	LINEAR	(88156)	2000 XJ ₉	2000 12 01	704	LINEAR
(88105)	2000 WZ ₈₈	2000 11 21	704	LINEAR	(88157)	2000 XJ ₁₂	2000 12 04	704	LINEAR
(88106)	2000 WD ₈₉	2000 11 21	704	LINEAR	(88158)	2000 XH ₁₄	2000 12 04	608	NEAT
(88107)	2000 WJ ₉₁	2000 11 21	704	LINEAR	(88159)	2000 XA ₁₇	2000 12 01	704	LINEAR

(88160)	2000 XV ₁₇	2000 12 04	704	LINEAR	(88212)	2000 YN ₁₃₅	2000 12 18	699	LONEOS
(88161)	2000 XK ₁₈	2000 12 04	704	LINEAR	(88213)	2001 AF ₂	2001 01 02	704	LINEAR
(88162)	2000 XY ₁₉	2000 12 04	704	LINEAR	(88214)	2001 AB ₂₁	2001 01 03	704	LINEAR
(88163)	2000 XS ₂₂	2000 12 04	704	LINEAR	(88215)	2001 AR ₂₂	2001 01 03	704	LINEAR
(88164)	2000 XC ₂₄	2000 12 04	704	LINEAR	(88216)	2001 AD ₂₇	2001 01 05	704	LINEAR
(88165)	2000 XJ ₂₄	2000 12 04	704	LINEAR	(88217)	2001 AY ₂₈	2001 01 04	704	LINEAR
(88166)	2000 XN ₂₄	2000 12 04	704	LINEAR	(88218)	2001 AM ₃₀	2001 01 04	704	LINEAR
(88167)	2000 XD ₂₅	2000 12 04	704	LINEAR	(88219)	2001 AM ₃₁	2001 01 04	704	LINEAR
(88168)	2000 XM ₂₅	2000 12 04	704	LINEAR	(88220)	2001 AQ ₃₉	2001 01 03	699	LONEOS
(88169)	2000 XS ₂₅	2000 12 04	704	LINEAR	(88221)	2001 AP ₄₂	2001 01 04	699	LONEOS
(88170)	2000 XW ₂₅	2000 12 04	704	LINEAR	(88222)	2001 AY ₅₁	2001 01 15	049	Uppsala-DLR Asteroid Survey
(88171)	2000 XV ₂₆	2000 12 04	704	LINEAR	(88223)	2001 BQ ₁₃	2001 01 21	704	LINEAR
(88172)	2000 XD ₂₈	2000 12 04	704	LINEAR	(88224)	2001 BM ₂₄	2001 01 20	704	LINEAR
(88173)	2000 XH ₂₉	2000 12 04	704	LINEAR	(88225)	2001 BN ₂₇	2001 01 20	704	LINEAR
(88174)	2000 XQ ₂₉	2000 12 04	704	LINEAR	(88226)	2001 BY ₄₁	2001 01 24	704	LINEAR
(88175)	2000 XL ₃₁	2000 12 04	704	LINEAR	(88227)	2001 BU ₄₂	2001 01 19	704	LINEAR
(88176)	2000 XP ₃₁	2000 12 04	704	LINEAR	(88228)	2001 BW ₄₂	2001 01 19	704	LINEAR
(88177)	2000 XW ₃₁	2000 12 04	704	LINEAR	(88229)	2001 BZ ₅₄	2001 01 19	704	LINEAR
(88178)	2000 XQ ₃₂	2000 12 04	704	LINEAR	(88230)	2001 BT ₆₅	2001 01 26	704	LINEAR
(88179)	2000 XU ₃₃	2000 12 04	704	LINEAR	(88231)	2001 BF ₇₁	2001 01 29	704	LINEAR
(88180)	2000 XY ₃₅	2000 12 05	704	LINEAR	(88232)	2001 BN ₇₂	2001 01 31	704	LINEAR
(88181)	2000 XT ₃₆	2000 12 05	704	LINEAR	(88233)	2001 BJ ₇₃	2001 01 28	608	NEAT
(88182)	2000 XH ₃₇	2000 12 05	704	LINEAR	(88234)	2001 CB ₆	2001 02 01	704	LINEAR
(88183)	2000 XX ₄₀	2000 12 05	704	LINEAR	(88235)	2001 CW ₆	2001 02 01	704	LINEAR
(88184)	2000 XA ₄₂	2000 12 05	704	LINEAR	(88236)	2001 CC ₁₂	2001 02 01	704	LINEAR
(88185)	2000 XD ₄₂	2000 12 05	704	LINEAR	(88237)	2001 CX ₁₅	2001 02 01	704	LINEAR
(88186)	2000 XF ₄₂	2000 12 05	704	LINEAR	(88238)	2001 CN ₁₉	2001 02 02	704	LINEAR
(88187)	2000 XZ ₄₂	2000 12 05	704	LINEAR	(88239)	2001 CU ₁₉	2001 02 02	704	LINEAR
(88188)	2000 XH ₄₄	2000 12 05	704	LINEAR	(88240)	2001 CG ₂₁	2001 02 02	734	Hug, G.
(88189)	2000 XJ ₅₃	2000 12 06	704	LINEAR	(88241)	2001 CD ₂₃	2001 02 01	699	LONEOS
(88190)	2000 YH ₁₈	2000 12 20	704	LINEAR	(88242)	2001 CK ₃₅	2001 02 02	704	LINEAR
(88191)	2000 YK ₂₁	2000 12 30	608	NEAT	(88243)	2001 CQ ₃₅	2001 02 05	704	LINEAR
(88192)	2000 YT ₃₅	2000 12 30	704	LINEAR	(88244)	2001 CG ₃₈	2001 02 15	120	Korlević, K.
(88193)	2000 YJ ₄₂	2000 12 30	704	LINEAR	(88245)	2001 CH ₄₉	2001 02 02	209	Asiago-DLR Asteroid Survey
(88194)	2000 YE ₄₅	2000 12 30	704	LINEAR	(88246)	2001 DZ ₂₅	2001 02 17	704	LINEAR
(88195)	2000 YV ₄₅	2000 12 30	704	LINEAR	(88247)	2001 DF ₂₇	2001 02 17	704	LINEAR
(88196)	2000 YO ₆₅	2000 12 16	691	Spacewatch	(88248)	2001 DR ₁₀₁	2001 02 16	704	LINEAR
(88197)	2000 YY ₆₈	2000 12 28	704	LINEAR	(88249)	2001 EV ₁₆	2001 03 03	704	LINEAR
(88198)	2000 YU ₇₀	2000 12 30	704	LINEAR	(88250)	2001 EJ ₁₇	2001 03 15	704	LINEAR
(88199)	2000 YQ ₇₃	2000 12 30	704	LINEAR	(88251)	2001 FX ₇	2001 03 20	704	LINEAR
(88200)	2000 YR ₇₈	2000 12 30	704	LINEAR	(88252)	2001 FM ₄₀	2001 03 18	704	LINEAR
(88201)	2000 YJ ₉₂	2000 12 30	704	LINEAR	(88253)	2001 FV ₆₉	2001 03 19	704	LINEAR
(88202)	2000 YS ₉₈	2000 12 30	704	LINEAR	(88254)	2001 FM ₁₂₉	2001 03 31	704	LINEAR
(88203)	2000 YJ ₁₀₇	2000 12 30	704	LINEAR	(88255)	2001 FL ₁₄₂	2001 03 23	699	LONEOS
(88204)	2000 YM ₁₁₃	2000 12 30	704	LINEAR	(88256)	2001 FY ₁₆₈	2001 03 23	699	LONEOS
(88205)	2000 YL ₁₁₅	2000 12 30	704	LINEAR	(88257)	2001 GU ₂	2001 04 14	704	LINEAR
(88206)	2000 YE ₁₁₈	2000 12 30	704	LINEAR	(88258)	2001 GZ ₂	2001 04 14	704	LINEAR
(88207)	2000 YV ₁₁₉	2000 12 18	691	Spacewatch	(88259)	2001 HJ ₇	2001 04 21	704	LINEAR
(88208)	2000 YG ₁₂₀	2000 12 19	608	NEAT	(88260)	2001 HE ₂₃	2001 04 22	204	Schiaparelli
(88209)	2000 YQ ₁₂₁	2000 12 22	699	LONEOS	(88261)	2001 HR ₂₉	2001 04 27	704	LINEAR
(88210)	2000 YQ ₁₂₈	2000 12 29	608	NEAT	(88262)	2001 HM ₃₅	2001 04 29	704	LINEAR
(88211)	2000 YH ₁₃₀	2000 12 30	704	LINEAR	(88263)	2001 KQ ₁	2001 05 17	704	LINEAR

(88264)	2001 KN ₂₀	2001 05 22	704	LINEAR	(88316)	2001 OF ₃₇	2001 07 20	644	NEAT
(88265)	2001 KU ₄₆	2001 05 22	704	LINEAR	(88317)	2001 OJ ₃₈	2001 07 20	644	NEAT
(88266)	2001 KF ₄₈	2001 05 24	704	LINEAR	(88318)	2001 OM ₃₈	2001 07 20	644	NEAT
(88267)	2001 KE ₇₆	2001 05 22	807	Buie, M. W.	(88319)	2001 OX ₄₁	2001 07 22	644	NEAT
(88268)	2001 KK ₇₆	2001 05 24	807	Buie, M. W.	(88320)	2001 ON ₄₂	2001 07 22	644	NEAT
(88269)	2001 KF ₇₇	2001 05 22	807	Buie, M. W.	(88321)	2001 OS ₄₃	2001 07 23	644	NEAT
(88270)	2001 KB ₇₈	2001 05 24	807	Buie, M. W.	(88322)	2001 OZ ₄₃	2001 07 23	644	NEAT
(88271)	2001 LO ₈	2001 06 15	644	NEAT	(88323)	2001 OJ ₄₅	2001 07 16	699	LONEOS
(88272)	2001 LU ₁₆	2001 06 14	691	Spacewatch	(88324)	2001 OP ₄₆	2001 07 16	699	LONEOS
(88273)	2001 LB ₁₇	2001 06 15	704	LINEAR	(88325)	2001 OS ₄₇	2001 07 16	699	LONEOS
(88274)	2001 LE ₁₇	2001 06 15	704	LINEAR	(88326)	2001 OA ₅₂	2001 07 21	644	NEAT
(88275)	2001 MA ₆	2001 06 18	644	NEAT	(88327)	2001 OH ₅₄	2001 07 21	644	NEAT
(88276)	2001 MN ₆	2001 06 21	644	NEAT	(88328)	2001 OL ₅₆	2001 07 26	644	NEAT
(88277)	2001 MF ₉	2001 06 21	644	NEAT	(88329)	2001 OO ₅₇	2001 07 19	644	NEAT
(88278)	2001 MM ₉	2001 06 21	644	NEAT	(88330)	2001 OQ ₅₇	2001 07 19	644	NEAT
(88279)	2001 MX ₁₂	2001 06 23	644	NEAT	(88331)	2001 OO ₅₈	2001 07 20	704	LINEAR
(88280)	2001 MG ₁₄	2001 06 28	699	LONEOS	(88332)	2001 OO ₆₀	2001 07 21	608	NEAT
(88281)	2001 MV ₁₈	2001 06 29	699	LONEOS	(88333)	2001 OV ₆₀	2001 07 21	608	NEAT
(88282)	2001 MR ₁₉	2001 06 23	644	NEAT	(88334)	2001 OJ ₆₄	2001 07 24	608	NEAT
(88283)	2001 MF ₂₀	2001 06 25	644	NEAT	(88335)	2001 OG ₆₆	2001 07 22	644	NEAT
(88284)	2001 MU ₂₃	2001 06 27	608	NEAT	(88336)	2001 OX ₆₇	2001 07 16	699	LONEOS
(88285)	2001 MX ₂₃	2001 06 27	608	NEAT	(88337)	2001 OA ₆₈	2001 07 16	699	LONEOS
(88286)	2001 MM ₂₄	2001 06 30	511	Haute Provencecc	(88338)	2001 OR ₆₈	2001 07 16	608	NEAT
(88287)	2001 MB ₂₅	2001 06 16	699	LONEOS	(88339)	2001 OB ₇₀	2001 07 19	699	LONEOS
(88288)	2001 MM ₂₅	2001 06 17	644	NEAT	(88340)	2001 OE ₇₀	2001 07 19	699	LONEOS
(88289)	2001 MD ₂₈	2001 06 23	644	NEAT	(88341)	2001 OG ₇₀	2001 07 19	699	LONEOS
(88290)	2001 MH ₂₈	2001 06 24	691	Spacewatch	(88342)	2001 ON ₇₀	2001 07 19	699	LONEOS
(88291)	2001 MG ₂₉	2001 06 27	699	LONEOS	(88343)	2001 OW ₇₀	2001 07 19	644	NEAT
(88292)	2001 NL ₆	2001 07 12	931	Pelle, J.-C.	(88344)	2001 OR ₇₂	2001 07 21	699	LONEOS
(88293)	2001 NZ ₉	2001 07 13	644	NEAT	(88345)	2001 OV ₇₂	2001 07 21	699	LONEOS
(88294)	2001 NA ₁₀	2001 07 13	644	NEAT	(88346)	2001 OA ₇₃	2001 07 21	699	LONEOS
(88295)	2001 ND ₁₂	2001 07 13	644	NEAT	(88347)	2001 OR ₇₃	2001 07 21	691	Spacewatch
(88296)	2001 NC ₁₄	2001 07 14	644	NEAT	(88348)	2001 OT ₇₅	2001 07 24	644	NEAT
(88297)	2001 NP ₁₄	2001 07 11	735	Needville	(88349)	2001 OU ₇₆	2001 07 25	608	NEAT
(88298)	2001 NN ₂₀	2001 07 13	644	NEAT	(88350)	2001 OJ ₇₉	2001 07 27	644	NEAT
(88299)	2001 NS ₂₁	2001 07 14	644	NEAT	(88351)	2001 OD ₈₃	2001 07 27	644	NEAT
(88300)	2001 NW ₂₁	2001 07 14	644	NEAT	(88352)	2001 OJ ₈₆	2001 07 22	704	LINEAR
(88301)	2001 OQ ₂	2001 07 17	699	LONEOS	(88353)	2001 OC ₈₉	2001 07 21	608	NEAT
(88302)	2001 OO ₃	2001 07 17	608	NEAT	(88354)	2001 OF ₉₆	2001 07 23	644	NEAT
(88303)	2001 OL ₆	2001 07 17	699	LONEOS	(88355)	2001 OG ₉₉	2001 07 27	699	LONEOS
(88304)	2001 OC ₇	2001 07 17	699	LONEOS	(88356)	2001 ON ₉₉	2001 07 27	699	LONEOS
(88305)	2001 OF ₈	2001 07 17	699	LONEOS	(88357)	2001 OX ₉₉	2001 07 27	699	LONEOS
(88306)	2001 OG ₈	2001 07 17	699	LONEOS	(88358)	2001 OR ₁₀₀	2001 07 27	699	LONEOS
(88307)	2001 OS ₁₁	2001 07 18	608	NEAT	(88359)	2001 OX ₁₀₀	2001 07 27	644	NEAT
(88308)	2001 OL ₁₃	2001 07 20	704	LINEAR	(88360)	2001 OM ₁₀₃	2001 07 29	699	LONEOS
(88309)	2001 OP ₁₇	2001 07 17	644	NEAT	(88361)	2001 OJ ₁₀₄	2001 07 30	704	LINEAR
(88310)	2001 OP ₁₈	2001 07 17	608	NEAT	(88362)	2001 ON ₁₀₅	2001 07 29	704	LINEAR
(88311)	2001 OA ₁₉	2001 07 17	608	NEAT	(88363)	2001 OF ₁₀₇	2001 07 29	704	LINEAR
(88312)	2001 OC ₂₁	2001 07 21	699	LONEOS	(88364)	2001 PK	2001 08 05	608	NEAT
(88313)	2001 OZ ₂₁	2001 07 21	699	LONEOS	(88365)	2001 PN ₂	2001 08 03	608	NEAT
(88314)	2001 OL ₃₀	2001 07 19	644	NEAT	(88366)	2001 PG ₆	2001 08 10	608	NEAT
(88315)	2001 OA ₃₅	2001 07 19	644	NEAT	(88367)	2001 PY ₈	2001 08 11	608	NEAT

(88368)	2001 PO ₉	2001 08 11	946	Nomen, J.	(88420)	2001 QT ₅₄	2001 08 16	704	LINEAR
(88369)	2001 PU ₁₁	2001 08 11	644	NEAT	(88421)	2001 QU ₅₄	2001 08 16	704	LINEAR
(88370)	2001 PQ ₁₄	2001 08 15	946	Nomen, J.	(88422)	2001 QE ₅₅	2001 08 16	704	LINEAR
(88371)	2001 PF ₁₅	2001 08 14	104	Boattini, A., Tombelli, M.	(88423)	2001 QU ₅₉	2001 08 18	704	LINEAR
(88372)	2001 PT ₁₇	2001 08 09	644	NEAT	(88424)	2001 QC ₆₁	2001 08 19	704	LINEAR
(88373)	2001 PB ₂₂	2001 08 10	608	NEAT	(88425)	2001 QH ₆₁	2001 08 16	704	LINEAR
(88374)	2001 PN ₂₂	2001 08 10	608	NEAT	(88426)	2001 QZ ₆₁	2001 08 16	704	LINEAR
(88375)	2001 PB ₂₅	2001 08 11	608	NEAT	(88427)	2001 QA ₆₂	2001 08 16	704	LINEAR
(88376)	2001 PY ₂₆	2001 08 11	608	NEAT	(88428)	2001 QR ₆₂	2001 08 16	704	LINEAR
(88377)	2001 PK ₂₉	2001 08 15	843	Ball, L.	(88429)	2001 QM ₆₄	2001 08 16	704	LINEAR
(88378)	2001 PH ₃₀	2001 08 10	644	NEAT	(88430)	2001 QB ₆₅	2001 08 16	704	LINEAR
(88379)	2001 PF ₃₄	2001 08 10	644	NEAT	(88431)	2001 QZ ₆₅	2001 08 17	704	LINEAR
(88380)	2001 PQ ₄₀	2001 08 11	644	NEAT	(88432)	2001 QR ₆₈	2001 08 20	916	Wolfe, C.
(88381)	2001 PU ₄₃	2001 08 14	608	NEAT	(88433)	2001 QS ₆₈	2001 08 20	916	Wolfe, C.
(88382)	2001 PL ₄₉	2001 08 13	644	NEAT	(88434)	2001 QP ₇₀	2001 08 17	704	LINEAR
(88383)	2001 PO ₅₈	2001 08 14	608	NEAT	(88435)	2001 QW ₇₀	2001 08 17	704	LINEAR
(88384)	2001 PE ₆₁	2001 08 13	608	NEAT	(88436)	2001 QX ₇₀	2001 08 17	704	LINEAR
(88385)	2001 PV ₆₂	2001 08 13	608	NEAT	(88437)	2001 QY ₇₀	2001 08 17	704	LINEAR
(88386)	2001 PG ₆₃	2001 08 13	608	NEAT	(88438)	2001 QA ₇₁	2001 08 17	704	LINEAR
(88387)	2001 QT	2001 08 16	704	LINEAR	(88439)	2001 QA ₇₄	2001 08 16	704	LINEAR
(88388)	2001 QT ₂	2001 08 16	684	Comba, P. G.	(88440)	2001 QG ₇₄	2001 08 16	704	LINEAR
(88389)	2001 QC ₆	2001 08 16	704	LINEAR	(88441)	2001 QA ₇₅	2001 08 16	704	LINEAR
(88390)	2001 QP ₉	2001 08 16	704	LINEAR	(88442)	2001 QH ₇₆	2001 08 16	704	LINEAR
(88391)	2001 QU ₁₀	2001 08 16	704	LINEAR	(88443)	2001 QG ₇₇	2001 08 16	704	LINEAR
(88392)	2001 QY ₁₀	2001 08 16	704	LINEAR	(88444)	2001 QJ ₇₈	2001 08 16	704	LINEAR
(88393)	2001 QK ₁₄	2001 08 16	704	LINEAR	(88445)	2001 QK ₇₈	2001 08 16	704	LINEAR
(88394)	2001 QJ ₁₆	2001 08 16	704	LINEAR	(88446)	2001 QR ₈₀	2001 08 17	704	LINEAR
(88395)	2001 QS ₁₆	2001 08 16	704	LINEAR	(88447)	2001 QW ₈₁	2001 08 17	704	LINEAR
(88396)	2001 QH ₁₇	2001 08 16	704	LINEAR	(88448)	2001 QH ₈₂	2001 08 17	704	LINEAR
(88397)	2001 QS ₁₇	2001 08 16	704	LINEAR	(88449)	2001 QD ₈₄	2001 08 17	704	LINEAR
(88398)	2001 QK ₂₁	2001 08 16	704	LINEAR	(88450)	2001 QE ₈₄	2001 08 17	704	LINEAR
(88399)	2001 QG ₂₂	2001 08 16	704	LINEAR	(88451)	2001 QW ₈₆	2001 08 17	644	NEAT
(88400)	2001 QO ₂₃	2001 08 16	704	LINEAR	(88452)	2001 QK ₉₀	2001 08 20	644	NEAT
(88401)	2001 QN ₂₄	2001 08 16	704	LINEAR	(88453)	2001 QF ₉₁	2001 08 23	644	NEAT
(88402)	2001 QW ₂₄	2001 08 16	704	LINEAR	(88454)	2001 QG ₉₂	2001 08 19	704	LINEAR
(88403)	2001 QP ₂₆	2001 08 16	704	LINEAR	(88455)	2001 QN ₉₄	2001 08 23	333	Yeung, W. K. Y.
(88404)	2001 QR ₂₆	2001 08 16	704	LINEAR	(88456)	2001 QT ₉₄	2001 08 23	333	Yeung, W. K. Y.
(88405)	2001 QP ₂₇	2001 08 16	704	LINEAR	(88457)	2001 QV ₉₄	2001 08 23	333	Yeung, W. K. Y.
(88406)	2001 QY ₂₇	2001 08 16	704	LINEAR	(88458)	2001 QG ₉₅	2001 08 22	691	Spacewatch
(88407)	2001 QB ₂₈	2001 08 16	704	LINEAR	(88459)	2001 QJ ₉₅	2001 08 22	691	Spacewatch
(88408)	2001 QC ₂₈	2001 08 16	704	LINEAR	(88460)	2001 QT ₉₇	2001 08 17	704	LINEAR
(88409)	2001 QH ₂₈	2001 08 16	704	LINEAR	(88461)	2001 QL ₉₈	2001 08 19	704	LINEAR
(88410)	2001 QJ ₂₈	2001 08 16	704	LINEAR	(88462)	2001 QM ₉₉	2001 08 22	704	LINEAR
(88411)	2001 QL ₂₈	2001 08 16	704	LINEAR	(88463)	2001 QK ₁₀₁	2001 08 18	704	LINEAR
(88412)	2001 QN ₂₈	2001 08 16	704	LINEAR	(88464)	2001 QD ₁₀₂	2001 08 18	704	LINEAR
(88413)	2001 QF ₃₁	2001 08 16	704	LINEAR	(88465)	2001 QZ ₁₀₅	2001 08 18	699	LONEOS
(88414)	2001 QC ₃₂	2001 08 17	704	LINEAR	(88466)	2001 QO ₁₀₇	2001 08 18	699	LONEOS
(88415)	2001 QS ₃₂	2001 08 17	644	NEAT	(88467)	2001 QM ₁₀₈	2001 08 25	946	Nomen, J.
(88416)	2001 QH ₃₈	2001 08 16	704	LINEAR	(88468)	2001 QB ₁₀₉	2001 08 19	608	NEAT
(88417)	2001 QJ ₄₈	2001 08 16	704	LINEAR	(88469)	2001 QF ₁₀₉	2001 08 20	644	NEAT
(88418)	2001 QA ₅₀	2001 08 16	704	LINEAR	(88470)	2001 QB ₁₁₁	2001 08 26	941	Ferrand, R.
(88419)	2001 QT ₅₂	2001 08 16	704	LINEAR	(88471)	2001 QL ₁₁₁	2001 08 26	734	Farpoint

(88472)	2001 QW ₁₁₁	2001 08 22	704	LINEAR	(88524)	2001 QS ₁₇₄	2001 08 27	704	LINEAR
(88473)	2001 QX ₁₁₁	2001 08 23	704	LINEAR	(88525)	2001 QU ₁₇₄	2001 08 25	683	Tucker, R. A.
(88474)	2001 QD ₁₁₂	2001 08 24	704	LINEAR	(88526)	2001 QZ ₁₇₅	2001 08 23	691	Spacewatch
(88475)	2001 QO ₁₁₃	2001 08 25	704	LINEAR	(88527)	2001 QQ ₁₇₇	2001 08 25	644	NEAT
(88476)	2001 QS ₁₁₅	2001 08 17	704	LINEAR	(88528)	2001 QU ₁₇₇	2001 08 25	644	NEAT
(88477)	2001 QJ ₁₁₆	2001 08 17	704	LINEAR	(88529)	2001 QF ₁₈₀	2001 08 25	644	NEAT
(88478)	2001 QA ₁₁₈	2001 08 17	704	LINEAR	(88530)	2001 QK ₁₈₀	2001 08 25	644	NEAT
(88479)	2001 QQ ₁₁₉	2001 08 18	704	LINEAR	(88531)	2001 QO ₁₈₀	2001 08 25	644	NEAT
(88480)	2001 QL ₁₂₀	2001 08 18	704	LINEAR	(88532)	2001 QO ₁₈₁	2001 08 31	644	NEAT
(88481)	2001 QS ₁₂₀	2001 08 19	704	LINEAR	(88533)	2001 QB ₁₈₃	2001 08 23	644	NEAT
(88482)	2001 QA ₁₂₂	2001 08 19	704	LINEAR	(88534)	2001 QG ₁₈₃	2001 08 22	621	Bickel, W.
(88483)	2001 QQ ₁₂₅	2001 08 19	704	LINEAR	(88535)	2001 QR ₁₈₃	2001 08 28	621	Bickel, W.
(88484)	2001 QV ₁₂₆	2001 08 20	704	LINEAR	(88536)	2001 QN ₁₈₄	2001 08 21	704	LINEAR
(88485)	2001 QY ₁₂₈	2001 08 20	704	LINEAR	(88537)	2001 QF ₁₈₅	2001 08 21	704	LINEAR
(88486)	2001 QA ₁₃₀	2001 08 20	704	LINEAR	(88538)	2001 QG ₁₈₇	2001 08 21	644	NEAT
(88487)	2001 QN ₁₃₀	2001 08 20	704	LINEAR	(88539)	2001 QZ ₁₈₈	2001 08 22	691	Spacewatch
(88488)	2001 QH ₁₃₁	2001 08 20	704	LINEAR	(88540)	2001 QP ₁₈₉	2001 08 22	704	LINEAR
(88489)	2001 QR ₁₃₁	2001 08 20	704	LINEAR	(88541)	2001 QC ₁₉₀	2001 08 22	704	LINEAR
(88490)	2001 QH ₁₃₂	2001 08 20	704	LINEAR	(88542)	2001 QY ₁₉₀	2001 08 22	704	LINEAR
(88491)	2001 QH ₁₃₅	2001 08 22	704	LINEAR	(88543)	2001 QH ₁₉₁	2001 08 22	644	NEAT
(88492)	2001 QL ₁₃₆	2001 08 22	704	LINEAR	(88544)	2001 QM ₁₉₁	2001 08 22	608	NEAT
(88493)	2001 QG ₁₃₇	2001 08 22	704	LINEAR	(88545)	2001 QV ₁₉₁	2001 08 22	704	LINEAR
(88494)	2001 QL ₁₃₇	2001 08 22	704	LINEAR	(88546)	2001 QJ ₁₉₂	2001 08 22	704	LINEAR
(88495)	2001 QP ₁₃₇	2001 08 22	704	LINEAR	(88547)	2001 QX ₁₉₂	2001 08 22	704	LINEAR
(88496)	2001 QT ₁₃₇	2001 08 22	704	LINEAR	(88548)	2001 QS ₁₉₄	2001 08 22	704	LINEAR
(88497)	2001 QA ₁₃₈	2001 08 22	704	LINEAR	(88549)	2001 QG ₁₉₇	2001 08 22	644	NEAT
(88498)	2001 QO ₁₃₈	2001 08 22	704	LINEAR	(88550)	2001 QT ₁₉₇	2001 08 22	704	LINEAR
(88499)	2001 QV ₁₃₈	2001 08 22	704	LINEAR	(88551)	2001 QD ₁₉₈	2001 08 22	704	LINEAR
(88500)	2001 QZ ₁₃₈	2001 08 22	704	LINEAR	(88552)	2001 QG ₁₉₈	2001 08 22	704	LINEAR
(88501)	2001 QC ₁₃₉	2001 08 22	704	LINEAR	(88553)	2001 QN ₁₉₈	2001 08 22	704	LINEAR
(88502)	2001 QC ₁₄₀	2001 08 22	704	LINEAR	(88554)	2001 QW ₁₉₉	2001 08 22	704	LINEAR
(88503)	2001 QO ₁₄₀	2001 08 22	704	LINEAR	(88555)	2001 QG ₂₀₀	2001 08 22	704	LINEAR
(88504)	2001 QQ ₁₄₀	2001 08 22	704	LINEAR	(88556)	2001 QG ₂₁₄	2001 08 23	699	LONEOS
(88505)	2001 QT ₁₄₀	2001 08 22	704	LINEAR	(88557)	2001 QW ₂₁₄	2001 08 23	699	LONEOS
(88506)	2001 QW ₁₄₀	2001 08 22	704	LINEAR	(88558)	2001 QW ₂₁₆	2001 08 23	699	LONEOS
(88507)	2001 QC ₁₄₂	2001 08 24	704	LINEAR	(88559)	2001 QB ₂₁₉	2001 08 23	699	LONEOS
(88508)	2001 QM ₁₄₄	2001 08 21	691	Spacewatch	(88560)	2001 QY ₂₂₃	2001 08 24	699	LONEOS
(88509)	2001 QN ₁₄₉	2001 08 22	608	NEAT	(88561)	2001 QF ₂₃₃	2001 08 24	704	LINEAR
(88510)	2001 QB ₁₅₀	2001 08 25	644	NEAT	(88562)	2001 QH ₂₃₃	2001 08 24	704	LINEAR
(88511)	2001 QK ₁₅₄	2001 08 24	683	Tucker, R. A.	(88563)	2001 QT ₂₃₃	2001 08 24	704	LINEAR
(88512)	2001 QM ₁₅₄	2001 08 25	683	Tucker, R. A.	(88564)	2001 QO ₂₃₉	2001 08 24	704	LINEAR
(88513)	2001 QB ₁₅₅	2001 08 23	699	LONEOS	(88565)	2001 QH ₂₄₂	2001 08 24	704	LINEAR
(88514)	2001 QS ₁₅₅	2001 08 23	699	LONEOS	(88566)	2001 QR ₂₄₂	2001 08 24	704	LINEAR
(88515)	2001 QM ₁₅₆	2001 08 23	699	LONEOS	(88567)	2001 QN ₂₄₃	2001 08 24	704	LINEAR
(88516)	2001 QE ₁₅₉	2001 08 23	699	LONEOS	(88568)	2001 QG ₂₄₄	2001 08 24	683	Tucker, R. A.
(88517)	2001 QO ₁₅₉	2001 08 23	699	LONEOS	(88569)	2001 QT ₂₄₅	2001 08 24	704	LINEAR
(88518)	2001 QG ₁₆₀	2001 08 23	699	LONEOS	(88570)	2001 QJ ₂₄₆	2001 08 24	704	LINEAR
(88519)	2001 QS ₁₆₃	2001 08 31	333	Yeung, W. K. Y.	(88571)	2001 QT ₂₄₆	2001 08 24	704	LINEAR
(88520)	2001 QZ ₁₆₆	2001 08 24	608	NEAT	(88572)	2001 QZ ₂₄₇	2001 08 24	704	LINEAR
(88521)	2001 QN ₁₆₈	2001 08 25	644	NEAT	(88573)	2001 QF ₂₄₈	2001 08 24	699	LONEOS
(88522)	2001 QM ₁₇₁	2001 08 25	704	LINEAR	(88574)	2001 QM ₂₄₈	2001 08 24	704	LINEAR
(88523)	2001 QH ₁₇₄	2001 08 24	704	LINEAR	(88575)	2001 QU ₂₄₈	2001 08 24	704	LINEAR

(88576)	2001 QA ₂₄₉	2001 08 24	704	LINEAR	(88628)	2001 RF ₃₄	2001 09 08	704	LINEAR
(88577)	2001 QV ₂₄₉	2001 08 24	608	NEAT	(88629)	2001 RQ ₃₄	2001 09 08	704	LINEAR
(88578)	2001 QH ₂₅₁	2001 08 25	704	LINEAR	(88630)	2001 RU ₃₄	2001 09 08	704	LINEAR
(88579)	2001 QE ₂₅₄	2001 08 25	704	LINEAR	(88631)	2001 RM ₃₇	2001 09 08	704	LINEAR
(88580)	2001 QP ₂₅₈	2001 08 25	704	LINEAR	(88632)	2001 RW ₃₈	2001 09 09	704	LINEAR
(88581)	2001 QV ₂₅₈	2001 08 25	704	LINEAR	(88633)	2001 RP ₄₃	2001 09 10	333	Yeung, W. K. Y.
(88582)	2001 QN ₂₅₉	2001 08 25	704	LINEAR	(88634)	2001 RE ₄₅	2001 09 12	644	NEAT
(88583)	2001 QM ₂₆₁	2001 08 25	704	LINEAR	(88635)	2001 RH ₄₅	2001 09 14	644	NEAT
(88584)	2001 QZ ₂₆₁	2001 08 25	704	LINEAR	(88636)	2001 RM ₄₅	2001 09 14	644	NEAT
(88585)	2001 QP ₂₆₂	2001 08 25	644	NEAT	(88637)	2001 RJ ₄₆	2001 09 12	333	Yeung, W. K. Y.
(88586)	2001 QT ₂₆₂	2001 08 25	644	NEAT	(88638)	2001 RL ₄₆	2001 09 13	684	Comba, P. G.
(88587)	2001 QK ₂₆₃	2001 08 25	699	LONEOS	(88639)	2001 RG ₄₉	2001 09 11	704	LINEAR
(88588)	2001 QP ₂₆₃	2001 08 25	333	Yeung, W. K. Y.	(88640)	2001 RU ₄₉	2001 09 10	704	LINEAR
(88589)	2001 QC ₂₆₄	2001 08 25	699	LONEOS	(88641)	2001 RS ₅₁	2001 09 12	704	LINEAR
(88590)	2001 QE ₂₆₄	2001 08 25	699	LONEOS	(88642)	2001 RV ₅₁	2001 09 12	704	LINEAR
(88591)	2001 QL ₂₆₄	2001 08 25	699	LONEOS	(88643)	2001 RK ₅₅	2001 09 12	704	LINEAR
(88592)	2001 QL ₂₆₇	2001 08 20	704	LINEAR	(88644)	2001 RA ₆₅	2001 09 10	704	LINEAR
(88593)	2001 QC ₂₆₈	2001 08 20	704	LINEAR	(88645)	2001 RD ₆₅	2001 09 10	704	LINEAR
(88594)	2001 QA ₂₆₉	2001 08 20	644	NEAT	(88646)	2001 RO ₆₅	2001 09 10	704	LINEAR
(88595)	2001 QD ₂₇₀	2001 08 19	704	LINEAR	(88647)	2001 RX ₆₆	2001 09 10	704	LINEAR
(88596)	2001 QN ₂₇₀	2001 08 19	704	LINEAR	(88648)	2001 RZ ₆₆	2001 09 10	704	LINEAR
(88597)	2001 QS ₂₇₀	2001 08 19	704	LINEAR	(88649)	2001 RO ₆₇	2001 09 10	704	LINEAR
(88598)	2001 QM ₂₇₁	2001 08 19	704	LINEAR	(88650)	2001 RY ₆₇	2001 09 10	704	LINEAR
(88599)	2001 QS ₂₇₄	2001 08 19	704	LINEAR	(88651)	2001 RZ ₆₈	2001 09 10	704	LINEAR
(88600)	2001 QA ₂₈₀	2001 08 19	704	LINEAR	(88652)	2001 RF ₆₉	2001 09 10	704	LINEAR
(88601)	2001 QF ₂₈₄	2001 08 18	644	NEAT	(88653)	2001 RH ₆₉	2001 09 10	704	LINEAR
(88602)	2001 QA ₂₉₁	2001 08 16	704	LINEAR	(88654)	2001 RQ ₆₉	2001 09 10	704	LINEAR
(88603)	2001 QL ₂₉₁	2001 08 16	704	LINEAR	(88655)	2001 RY ₆₉	2001 09 10	704	LINEAR
(88604)	2001 QH ₂₉₃	2001 08 31	644	NEAT	(88656)	2001 RM ₇₁	2001 09 10	704	LINEAR
(88605)	2001 QK ₂₉₄	2001 08 24	699	LONEOS	(88657)	2001 RT ₇₁	2001 09 10	704	LINEAR
(88606)	2001 QU ₂₉₄	2001 08 24	704	LINEAR	(88658)	2001 RK ₇₄	2001 09 10	704	LINEAR
(88607)	2001 QE ₂₉₆	2001 08 24	704	LINEAR	(88659)	2001 RY ₇₄	2001 09 10	704	LINEAR
(88608)	2001 QO ₂₉₆	2001 08 24	704	LINEAR	(88660)	2001 RN ₇₅	2001 09 10	704	LINEAR
(88609)	2001 QP ₂₉₆	2001 08 24	704	LINEAR	(88661)	2001 RJ ₇₆	2001 09 10	704	LINEAR
(88610)	2001 QD ₂₉₇	2001 08 24	704	LINEAR	(88662)	2001 RN ₇₆	2001 09 10	704	LINEAR
(88611)	2001 QT ₂₉₇	2001 08 20	807	Cerro Tololo	(88663)	2001 RJ ₇₇	2001 09 10	704	LINEAR
(88612)	2001 QE ₃₂₈	2001 08 25	644	NEAT	(88664)	2001 RK ₇₇	2001 09 10	704	LINEAR
(88613)	2001 RO ₁	2001 09 07	704	LINEAR	(88665)	2001 RT ₇₈	2001 09 10	704	LINEAR
(88614)	2001 RP ₁	2001 09 07	704	LINEAR	(88666)	2001 RP ₇₉	2001 09 10	704	LINEAR
(88615)	2001 RG ₃	2001 09 08	699	LONEOS	(88667)	2001 RR ₇₉	2001 09 10	704	LINEAR
(88616)	2001 RC ₄	2001 09 08	704	LINEAR	(88668)	2001 RM ₈₁	2001 09 14	644	NEAT
(88617)	2001 RT ₆	2001 09 10	333	Yeung, W. K. Y.	(88669)	2001 RC ₈₄	2001 09 11	699	LONEOS
(88618)	2001 RH ₇	2001 09 10	333	Yeung, W. K. Y.	(88670)	2001 RL ₈₄	2001 09 11	699	LONEOS
(88619)	2001 RD ₈	2001 09 08	704	LINEAR	(88671)	2001 RV ₈₄	2001 09 11	699	LONEOS
(88620)	2001 RF ₈	2001 09 08	704	LINEAR	(88672)	2001 RO ₈₅	2001 09 11	699	LONEOS
(88621)	2001 RR ₁₀	2001 09 09	683	Tucker, R. A.	(88673)	2001 RP ₈₇	2001 09 11	699	LONEOS
(88622)	2001 RU ₁₀	2001 09 10	683	Tucker, R. A.	(88674)	2001 RW ₈₇	2001 09 11	699	LONEOS
(88623)	2001 RD ₂₀	2001 09 07	704	LINEAR	(88675)	2001 RR ₈₈	2001 09 11	699	LONEOS
(88624)	2001 RR ₂₁	2001 09 07	704	LINEAR	(88676)	2001 RD ₈₉	2001 09 11	699	LONEOS
(88625)	2001 RD ₂₃	2001 09 07	704	LINEAR	(88677)	2001 RG ₉₀	2001 09 11	699	LONEOS
(88626)	2001 RW ₂₆	2001 09 07	704	LINEAR	(88678)	2001 RC ₉₁	2001 09 11	699	LONEOS
(88627)	2001 RT ₃₁	2001 09 08	704	LINEAR	(88679)	2001 RD ₉₂	2001 09 11	699	LONEOS

(88680)	2001 RH ₉₃	2001 09 11	699	LONEOS	(88732)	2001 SR ₃₆	2001 09 16	704	LINEAR
(88681)	2001 RW ₉₃	2001 09 11	699	LONEOS	(88733)	2001 SH ₃₇	2001 09 16	704	LINEAR
(88682)	2001 RA ₉₇	2001 09 12	691	Spacewatch	(88734)	2001 SP ₄₂	2001 09 16	704	LINEAR
(88683)	2001 RF ₁₀₂	2001 09 12	704	LINEAR	(88735)	2001 SV ₄₂	2001 09 16	704	LINEAR
(88684)	2001 RC ₁₀₄	2001 09 12	704	LINEAR	(88736)	2001 SK ₄₃	2001 09 16	704	LINEAR
(88685)	2001 RB ₁₀₈	2001 09 12	704	LINEAR	(88737)	2001 SX ₄₃	2001 09 16	704	LINEAR
(88686)	2001 RQ ₁₁₅	2001 09 12	704	LINEAR	(88738)	2001 SF ₄₄	2001 09 16	704	LINEAR
(88687)	2001 RO ₁₂₁	2001 09 12	704	LINEAR	(88739)	2001 SR ₄₄	2001 09 16	704	LINEAR
(88688)	2001 RK ₁₂₂	2001 09 12	704	LINEAR	(88740)	2001 SY ₄₄	2001 09 16	704	LINEAR
(88689)	2001 RO ₁₂₆	2001 09 12	704	LINEAR	(88741)	2001 SS ₄₅	2001 09 16	704	LINEAR
(88690)	2001 RL ₁₂₇	2001 09 12	704	LINEAR	(88742)	2001 SU ₄₈	2001 09 16	704	LINEAR
(88691)	2001 RK ₁₂₉	2001 09 12	704	LINEAR	(88743)	2001 SD ₄₉	2001 09 16	704	LINEAR
(88692)	2001 RU ₁₃₂	2001 09 12	704	LINEAR	(88744)	2001 SJ ₄₉	2001 09 16	704	LINEAR
(88693)	2001 RM ₁₃₃	2001 09 12	704	LINEAR	(88745)	2001 SP ₅₀	2001 09 16	704	LINEAR
(88694)	2001 RH ₁₃₉	2001 09 12	704	LINEAR	(88746)	2001 SY ₅₁	2001 09 16	704	LINEAR
(88695)	2001 RO ₁₃₉	2001 09 12	704	LINEAR	(88747)	2001 SS ₅₂	2001 09 16	704	LINEAR
(88696)	2001 RS ₁₃₉	2001 09 12	704	LINEAR	(88748)	2001 SD ₅₄	2001 09 16	704	LINEAR
(88697)	2001 RF ₁₄₁	2001 09 12	704	LINEAR	(88749)	2001 SH ₅₄	2001 09 16	704	LINEAR
(88698)	2001 RQ ₁₄₂	2001 09 11	644	NEAT	(88750)	2001 SW ₅₅	2001 09 16	704	LINEAR
(88699)	2001 RW ₁₄₂	2001 09 14	644	NEAT	(88751)	2001 SA ₅₆	2001 09 16	704	LINEAR
(88700)	2001 RF ₁₄₃	2001 09 15	644	NEAT	(88752)	2001 SC ₅₆	2001 09 16	704	LINEAR
(88701)	2001 RW ₁₅₀	2001 09 11	699	LONEOS	(88753)	2001 SM ₅₈	2001 09 17	704	LINEAR
(88702)	2001 RC ₁₅₁	2001 09 11	699	LONEOS	(88754)	2001 SK ₅₉	2001 09 17	704	LINEAR
(88703)	2001 RF ₁₅₅	2001 09 12	704	LINEAR	(88755)	2001 SL ₆₀	2001 09 17	704	LINEAR
(88704)	2001 SF	2001 09 16	678	Juels, C. W., Holvorcem, P. R.	(88756)	2001 SN ₆₀	2001 09 17	704	LINEAR
(88705)	2001 SV	2001 09 17	333	Yeung, W. K. Y.	(88757)	2001 SS ₆₁	2001 09 17	704	LINEAR
(88706)	2001 SW	2001 09 17	333	Yeung, W. K. Y.	(88758)	2001 SW ₆₄	2001 09 17	704	LINEAR
(88707)	2001 SB ₁	2001 09 17	333	Yeung, W. K. Y.	(88759)	2001 SF ₆₅	2001 09 17	704	LINEAR
(88708)	2001 SM ₁	2001 09 17	333	Yeung, W. K. Y.	(88760)	2001 SG ₆₅	2001 09 17	704	LINEAR
(88709)	2001 SA ₃	2001 09 17	333	Yeung, W. K. Y.	(88761)	2001 SZ ₆₅	2001 09 17	704	LINEAR
(88710)	2001 SL ₉	2001 09 18	644	NEAT	(88762)	2001 SF ₆₆	2001 09 17	704	LINEAR
(88711)	2001 SQ ₉	2001 09 18	333	Yeung, W. K. Y.	(88763)	2001 SS ₆₆	2001 09 17	704	LINEAR
(88712)	2001 SA ₁₁	2001 09 16	704	LINEAR	(88764)	2001 SM ₆₇	2001 09 17	704	LINEAR
(88713)	2001 ST ₁₈	2001 09 16	704	LINEAR	(88765)	2001 SY ₆₇	2001 09 17	704	LINEAR
(88714)	2001 SA ₂₁	2001 09 16	704	LINEAR	(88766)	2001 SA ₆₈	2001 09 17	704	LINEAR
(88715)	2001 SO ₂₁	2001 09 16	704	LINEAR	(88767)	2001 SR ₆₉	2001 09 17	704	LINEAR
(88716)	2001 SG ₂₂	2001 09 16	704	LINEAR	(88768)	2001 SG ₇₀	2001 09 17	704	LINEAR
(88717)	2001 SL ₂₂	2001 09 16	704	LINEAR	(88769)	2001 SH ₇₁	2001 09 17	704	LINEAR
(88718)	2001 SG ₂₃	2001 09 16	704	LINEAR	(88770)	2001 ST ₇₂	2001 09 17	704	LINEAR
(88719)	2001 SL ₂₅	2001 09 16	704	LINEAR	(88771)	2001 SA ₇₃	2001 09 17	704	LINEAR
(88720)	2001 ST ₂₆	2001 09 16	704	LINEAR	(88772)	2001 SJ ₇₄	2001 09 19	699	LONEOS
(88721)	2001 SD ₂₇	2001 09 16	704	LINEAR	(88773)	2001 SK ₇₄	2001 09 19	699	LONEOS
(88722)	2001 SJ ₂₇	2001 09 16	704	LINEAR	(88774)	2001 SC ₇₆	2001 09 19	699	LONEOS
(88723)	2001 ST ₂₇	2001 09 16	704	LINEAR	(88775)	2001 SY ₇₆	2001 09 16	704	LINEAR
(88724)	2001 SJ ₂₈	2001 09 16	704	LINEAR	(88776)	2001 SC ₇₇	2001 09 17	704	LINEAR
(88725)	2001 SE ₂₉	2001 09 16	704	LINEAR	(88777)	2001 SH ₇₉	2001 09 20	704	LINEAR
(88726)	2001 SS ₃₁	2001 09 16	704	LINEAR	(88778)	2001 SQ ₈₈	2001 09 20	704	LINEAR
(88727)	2001 SX ₃₂	2001 09 16	704	LINEAR	(88779)	2001 SK ₉₃	2001 09 20	704	LINEAR
(88728)	2001 SG ₃₃	2001 09 16	704	LINEAR	(88780)	2001 SE ₉₈	2001 09 20	704	LINEAR
(88729)	2001 SW ₃₃	2001 09 16	704	LINEAR	(88781)	2001 ST ₁₀₄	2001 09 20	704	LINEAR
(88730)	2001 SB ₃₅	2001 09 16	704	LINEAR	(88782)	2001 SF ₁₀₆	2001 09 20	704	LINEAR
(88731)	2001 SJ ₃₆	2001 09 16	704	LINEAR	(88783)	2001 SK ₁₀₆	2001 09 20	704	LINEAR

(88784)	2001	SO ₁₀₆	2001 09 20	704	LINEAR	(88836)	2001	SC ₁₇₅	2001 09 16	704	LINEAR
(88785)	2001	ST ₁₀₆	2001 09 20	704	LINEAR	(88837)	2001	SL ₁₇₅	2001 09 16	704	LINEAR
(88786)	2001	SG ₁₀₇	2001 09 20	704	LINEAR	(88838)	2001	SS ₁₇₅	2001 09 16	704	LINEAR
(88787)	2001	SS ₁₀₈	2001 09 20	704	LINEAR	(88839)	2001	SJ ₁₇₆	2001 09 16	704	LINEAR
(88788)	2001	SE ₁₀₉	2001 09 20	704	LINEAR	(88840)	2001	SC ₁₇₇	2001 09 16	704	LINEAR
(88789)	2001	SC ₁₁₀	2001 09 20	704	LINEAR	(88841)	2001	SZ ₁₇₇	2001 09 17	704	LINEAR
(88790)	2001	SS ₁₁₀	2001 09 20	704	LINEAR	(88842)	2001	SF ₁₇₈	2001 09 17	704	LINEAR
(88791)	2001	SZ ₁₁₀	2001 09 20	704	LINEAR	(88843)	2001	SK ₁₇₈	2001 09 17	704	LINEAR
(88792)	2001	SV ₁₁₂	2001 09 18	333	Yeung, W. K. Y.	(88844)	2001	SE ₁₇₉	2001 09 17	704	LINEAR
(88793)	2001	SG ₁₁₄	2001 09 20	333	Yeung, W. K. Y.	(88845)	2001	SN ₁₇₉	2001 09 17	704	LINEAR
(88794)	2001	SF ₁₁₅	2001 09 20	333	Yeung, W. K. Y.	(88846)	2001	SJ ₁₈₀	2001 09 19	704	LINEAR
(88795)	2001	SW ₁₁₅	2001 09 20	504	Merlin, J.-C.	(88847)	2001	SN ₁₉₁	2001 09 19	704	LINEAR
(88796)	2001	SB ₁₁₆	2001 09 22	678	Juels, C. W., Holvorcem, P. R.	(88848)	2001	ST ₂₀₂	2001 09 19	704	LINEAR
(88797)	2001	SL ₁₁₉	2001 09 16	704	LINEAR	(88849)	2001	SB ₂₀₅	2001 09 19	704	LINEAR
(88798)	2001	SN ₁₁₉	2001 09 16	704	LINEAR	(88850)	2001	SL ₂₂₂	2001 09 19	704	LINEAR
(88799)	2001	SV ₁₂₁	2001 09 16	704	LINEAR	(88851)	2001	SW ₂₂₂	2001 09 19	704	LINEAR
(88800)	2001	SE ₁₂₂	2001 09 16	704	LINEAR	(88852)	2001	SN ₂₃₀	2001 09 19	704	LINEAR
(88801)	2001	SN ₁₂₂	2001 09 16	704	LINEAR	(88853)	2001	ST ₂₃₁	2001 09 19	704	LINEAR
(88802)	2001	SR ₁₂₄	2001 09 16	704	LINEAR	(88854)	2001	SD ₂₃₅	2001 09 19	704	LINEAR
(88803)	2001	SD ₁₂₉	2001 09 16	704	LINEAR	(88855)	2001	SD ₂₃₆	2001 09 19	704	LINEAR
(88804)	2001	SU ₁₂₉	2001 09 16	704	LINEAR	(88856)	2001	SE ₂₃₇	2001 09 19	704	LINEAR
(88805)	2001	SY ₁₂₉	2001 09 16	704	LINEAR	(88857)	2001	SK ₂₃₇	2001 09 19	704	LINEAR
(88806)	2001	SS ₁₃₁	2001 09 16	704	LINEAR	(88858)	2001	SN ₂₄₀	2001 09 19	704	LINEAR
(88807)	2001	SV ₁₃₄	2001 09 16	704	LINEAR	(88859)	2001	SF ₂₄₅	2001 09 19	704	LINEAR
(88808)	2001	SF ₁₃₅	2001 09 16	704	LINEAR	(88860)	2001	SO ₂₄₇	2001 09 19	704	LINEAR
(88809)	2001	SH ₁₃₉	2001 09 16	704	LINEAR	(88861)	2001	SR ₂₄₇	2001 09 19	704	LINEAR
(88810)	2001	SU ₁₄₂	2001 09 16	704	LINEAR	(88862)	2001	SF ₂₄₉	2001 09 19	704	LINEAR
(88811)	2001	SN ₁₄₃	2001 09 16	704	LINEAR	(88863)	2001	SP ₂₄₉	2001 09 19	704	LINEAR
(88812)	2001	SQ ₁₄₆	2001 09 16	704	LINEAR	(88864)	2001	SY ₂₅₀	2001 09 19	704	LINEAR
(88813)	2001	SJ ₁₄₇	2001 09 16	704	LINEAR	(88865)	2001	ST ₂₅₁	2001 09 19	704	LINEAR
(88814)	2001	SE ₁₄₈	2001 09 17	704	LINEAR	(88866)	2001	SW ₂₅₁	2001 09 19	704	LINEAR
(88815)	2001	SX ₁₄₉	2001 09 17	704	LINEAR	(88867)	2001	SN ₂₅₂	2001 09 19	704	LINEAR
(88816)	2001	SE ₁₅₁	2001 09 17	704	LINEAR	(88868)	2001	SF ₂₅₃	2001 09 19	704	LINEAR
(88817)	2001	SV ₁₅₁	2001 09 17	704	LINEAR	(88869)	2001	ST ₂₅₆	2001 09 19	704	LINEAR
(88818)	2001	SF ₁₅₃	2001 09 17	704	LINEAR	(88870)	2001	SF ₂₆₀	2001 09 20	704	LINEAR
(88819)	2001	SP ₁₅₃	2001 09 17	704	LINEAR	(88871)	2001	SG ₂₆₀	2001 09 20	704	LINEAR
(88820)	2001	SZ ₁₅₃	2001 09 17	704	LINEAR	(88872)	2001	SV ₂₆₀	2001 09 20	704	LINEAR
(88821)	2001	SB ₁₅₄	2001 09 17	704	LINEAR	(88873)	2001	SY ₂₆₀	2001 09 20	704	LINEAR
(88822)	2001	SK ₁₅₅	2001 09 17	704	LINEAR	(88874)	2001	SV ₂₆₄	2001 09 25	333	Yeung, W. K. Y.
(88823)	2001	SF ₁₅₈	2001 09 17	704	LINEAR	(88875)	2001	SB ₂₆₅	2001 09 25	333	Yeung, W. K. Y.
(88824)	2001	SM ₁₅₈	2001 09 17	704	LINEAR	(88876)	2001	SD ₂₆₅	2001 09 25	333	Yeung, W. K. Y.
(88825)	2001	SG ₁₅₉	2001 09 17	704	LINEAR	(88877)	2001	SJ ₂₆₅	2001 09 25	333	Yeung, W. K. Y.
(88826)	2001	SM ₁₆₀	2001 09 17	704	LINEAR	(88878)	2001	SQ ₂₆₆	2001 09 25	333	Yeung, W. K. Y.
(88827)	2001	SJ ₁₆₁	2001 09 17	704	LINEAR	(88879)	2001	SA ₂₆₈	2001 09 25	333	Yeung, W. K. Y.
(88828)	2001	SO ₁₆₁	2001 09 17	704	LINEAR	(88880)	2001	SF ₂₇₀	2001 09 25	678	Juels, C. W., Holvorcem, P. R.
(88829)	2001	SS ₁₆₂	2001 09 17	704	LINEAR	(88881)	2001	SW ₂₇₈	2001 09 21	699	LONEOS
(88830)	2001	SY ₁₆₂	2001 09 17	704	LINEAR	(88882)	2001	ST ₂₇₉	2001 09 21	699	LONEOS
(88831)	2001	SO ₁₆₃	2001 09 17	704	LINEAR	(88883)	2001	SY ₂₈₀	2001 09 21	699	LONEOS
(88832)	2001	SY ₁₆₅	2001 09 19	704	LINEAR	(88884)	2001	SX ₂₈₂	2001 09 22	704	LINEAR
(88833)	2001	SA ₁₆₉	2001 09 19	704	LINEAR	(88885)	2001	SD ₂₈₃	2001 09 22	704	LINEAR
(88834)	2001	SJ ₁₆₉	2001 09 19	704	LINEAR	(88886)	2001	SA ₂₈₆	2001 09 28	678	Juels, C. W., Holvorcem, P. R.
(88835)	2001	SX ₁₇₁	2001 09 16	704	LINEAR	(88887)	2001	SD ₂₈₈	2001 09 27	644	NEAT

(88888)	2001 SE ₂₈₈	2001 09 27	644	NEAT	(88940)	2001 TA ₃₄	2001 10 14	704	LINEAR
(88889)	2001 SR ₂₉₁	2001 09 17	699	LONEOS	(88941)	2001 TO ₃₄	2001 10 14	704	LINEAR
(88890)	2001 SJ ₂₉₂	2001 09 16	704	LINEAR	(88942)	2001 TK ₃₅	2001 10 14	704	LINEAR
(88891)	2001 SX ₂₉₈	2001 09 20	704	LINEAR	(88943)	2001 TR ₃₅	2001 10 14	704	LINEAR
(88892)	2001 SF ₃₀₅	2001 09 20	704	LINEAR	(88944)	2001 TF ₃₆	2001 10 14	704	LINEAR
(88893)	2001 SE ₃₀₆	2001 09 20	704	LINEAR	(88945)	2001 TW ₃₆	2001 10 14	704	LINEAR
(88894)	2001 SX ₃₁₃	2001 09 21	704	LINEAR	(88946)	2001 TD ₃₇	2001 10 14	704	LINEAR
(88895)	2001 SC ₃₂₂	2001 09 25	704	LINEAR	(88947)	2001 TF ₃₇	2001 10 14	704	LINEAR
(88896)	2001 SB ₃₄₂	2001 09 21	644	NEAT	(88948)	2001 TU ₃₇	2001 10 14	704	LINEAR
(88897)	2001 SM ₃₄₂	2001 09 21	699	LONEOS	(88949)	2001 TH ₃₈	2001 10 14	704	LINEAR
(88898)	2001 SN ₃₄₃	2001 09 22	644	NEAT	(88950)	2001 TL ₃₈	2001 10 14	704	LINEAR
(88899)	2001 SB ₃₄₆	2001 09 23	699	LONEOS	(88951)	2001 TM ₃₈	2001 10 14	704	LINEAR
(88900)	2001 SC ₃₄₆	2001 09 25	704	LINEAR	(88952)	2001 TW ₃₈	2001 10 14	704	LINEAR
(88901)	2001 SA ₃₄₇	2001 09 25	704	LINEAR	(88953)	2001 TC ₃₉	2001 10 14	704	LINEAR
(88902)	2001 SF ₃₄₉	2001 09 26	704	LINEAR	(88954)	2001 TE ₄₂	2001 10 14	704	LINEAR
(88903)	2001 TL	2001 10 06	644	NEAT	(88955)	2001 TW ₄₂	2001 10 14	704	LINEAR
(88904)	2001 TF ₁	2001 10 07	644	NEAT	(88956)	2001 TF ₄₃	2001 10 14	704	LINEAR
(88905)	2001 TN ₁	2001 10 11	734	Farpoint	(88957)	2001 TT ₄₄	2001 10 14	704	LINEAR
(88906)	2001 TT ₁	2001 10 11	185	Vicques	(88958)	2001 TV ₄₄	2001 10 14	704	LINEAR
(88907)	2001 TY ₂	2001 10 07	644	NEAT	(88959)	2001 TZ ₄₄	2001 10 14	704	LINEAR
(88908)	2001 TZ ₄	2001 10 08	644	NEAT	(88960)	2001 TN ₄₅	2001 10 14	333	Yeung, W. K. Y.
(88909)	2001 TG ₇	2001 10 13	046	Klet	(88961)	2001 TH ₄₇	2001 10 14	209	Asiago-DLR Asteroid Survey
(88910)	2001 TZ ₇	2001 10 11	333	Yeung, W. K. Y.	(88962)	2001 TR ₅₀	2001 10 13	704	LINEAR
(88911)	2001 TN ₈	2001 10 09	704	LINEAR	(88963)	2001 TX ₅₃	2001 10 13	704	LINEAR
(88912)	2001 TS ₈	2001 10 09	704	LINEAR	(88964)	2001 TX ₅₄	2001 10 14	704	LINEAR
(88913)	2001 TG ₉	2001 10 09	704	LINEAR	(88965)	2001 TA ₅₅	2001 10 14	704	LINEAR
(88914)	2001 TQ ₉	2001 10 13	704	LINEAR	(88966)	2001 TC ₅₆	2001 10 15	704	LINEAR
(88915)	2001 TG ₁₀	2001 10 13	704	LINEAR	(88967)	2001 TG ₅₆	2001 10 15	704	LINEAR
(88916)	2001 TS ₁₀	2001 10 13	704	LINEAR	(88968)	2001 TN ₅₇	2001 10 13	704	LINEAR
(88917)	2001 TZ ₁₀	2001 10 13	704	LINEAR	(88969)	2001 TU ₅₇	2001 10 13	704	LINEAR
(88918)	2001 TN ₁₁	2001 10 13	704	LINEAR	(88970)	2001 TQ ₅₈	2001 10 13	704	LINEAR
(88919)	2001 TC ₁₂	2001 10 13	704	LINEAR	(88971)	2001 TS ₅₈	2001 10 13	704	LINEAR
(88920)	2001 TO ₁₂	2001 10 13	704	LINEAR	(88972)	2001 TT ₅₈	2001 10 13	704	LINEAR
(88921)	2001 TR ₁₂	2001 10 13	704	LINEAR	(88973)	2001 TA ₅₉	2001 10 13	704	LINEAR
(88922)	2001 TK ₁₄	2001 10 06	644	NEAT	(88974)	2001 TD ₅₉	2001 10 13	704	LINEAR
(88923)	2001 TR ₁₄	2001 10 07	644	NEAT	(88975)	2001 TH ₅₉	2001 10 13	704	LINEAR
(88924)	2001 TZ ₁₇	2001 10 14	333	Yeung, W. K. Y.	(88976)	2001 TN ₆₀	2001 10 13	704	LINEAR
(88925)	2001 TC ₁₈	2001 10 14	333	Yeung, W. K. Y.	(88977)	2001 TL ₆₂	2001 10 13	704	LINEAR
(88926)	2001 TA ₂₀	2001 10 09	704	LINEAR	(88978)	2001 TR ₆₂	2001 10 13	704	LINEAR
(88927)	2001 TQ ₂₀	2001 10 09	704	LINEAR	(88979)	2001 TG ₆₃	2001 10 13	704	LINEAR
(88928)	2001 TE ₂₁	2001 10 09	704	LINEAR	(88980)	2001 TQ ₆₄	2001 10 13	704	LINEAR
(88929)	2001 TR ₂₂	2001 10 13	704	LINEAR	(88981)	2001 TW ₆₅	2001 10 13	704	LINEAR
(88930)	2001 TR ₂₃	2001 10 14	704	LINEAR	(88982)	2001 TA ₆₆	2001 10 13	704	LINEAR
(88931)	2001 TZ ₂₅	2001 10 14	704	LINEAR	(88983)	2001 TV ₆₇	2001 10 13	704	LINEAR
(88932)	2001 TG ₃₁	2001 10 14	704	LINEAR	(88984)	2001 TW ₆₇	2001 10 13	704	LINEAR
(88933)	2001 TB ₃₂	2001 10 14	704	LINEAR	(88985)	2001 TG ₆₈	2001 10 13	704	LINEAR
(88934)	2001 TE ₃₂	2001 10 14	704	LINEAR	(88986)	2001 TW ₇₀	2001 10 13	704	LINEAR
(88935)	2001 TF ₃₂	2001 10 14	704	LINEAR	(88987)	2001 TF ₇₁	2001 10 13	704	LINEAR
(88936)	2001 TN ₃₂	2001 10 14	704	LINEAR	(88988)	2001 TO ₇₁	2001 10 13	704	LINEAR
(88937)	2001 TQ ₃₃	2001 10 14	704	LINEAR	(88989)	2001 TQ ₇₁	2001 10 13	704	LINEAR
(88938)	2001 TR ₃₃	2001 10 14	704	LINEAR	(88990)	2001 TT ₇₁	2001 10 13	704	LINEAR
(88939)	2001 TX ₃₃	2001 10 14	704	LINEAR	(88991)	2001 TV ₇₁	2001 10 13	704	LINEAR

(88992)	2001 TJ ₇₂	2001 10 13	704	LINEAR	(89044)	2001 TG ₁₁₃	2001 10 14	704	LINEAR
(88993)	2001 TF ₇₄	2001 10 13	704	LINEAR	(89045)	2001 TP ₁₁₄	2001 10 14	704	LINEAR
(88994)	2001 TX ₇₄	2001 10 13	704	LINEAR	(89046)	2001 TK ₁₁₅	2001 10 14	704	LINEAR
(88995)	2001 TR ₇₅	2001 10 13	704	LINEAR	(89047)	2001 TT ₁₁₅	2001 10 14	704	LINEAR
(88996)	2001 TY ₇₅	2001 10 13	704	LINEAR	(89048)	2001 TF ₁₁₆	2001 10 14	704	LINEAR
(88997)	2001 TG ₇₆	2001 10 13	704	LINEAR	(89049)	2001 TA ₁₁₇	2001 10 14	704	LINEAR
(88998)	2001 TV ₇₆	2001 10 13	704	LINEAR	(89050)	2001 TM ₁₁₇	2001 10 14	704	LINEAR
(88999)	2001 TH ₇₇	2001 10 13	704	LINEAR	(89051)	2001 TF ₁₁₈	2001 10 15	704	LINEAR
(89000)	2001 TD ₇₈	2001 10 13	704	LINEAR	(89052)	2001 TR ₁₁₈	2001 10 15	704	LINEAR
(89001)	2001 TH ₇₈	2001 10 13	704	LINEAR	(89053)	2001 TQ ₁₂₂	2001 10 15	704	LINEAR
(89002)	2001 TK ₇₈	2001 10 13	704	LINEAR	(89054)	2001 TR ₁₂₂	2001 10 15	704	LINEAR
(89003)	2001 TR ₇₈	2001 10 13	704	LINEAR	(89055)	2001 TT ₁₂₃	2001 10 12	608	NEAT
(89004)	2001 TE ₇₉	2001 10 13	704	LINEAR	(89056)	2001 TK ₁₂₅	2001 10 12	608	NEAT
(89005)	2001 TH ₇₉	2001 10 13	704	LINEAR	(89057)	2001 TK ₁₂₇	2001 10 12	621	Bickel, W.
(89006)	2001 TT ₇₉	2001 10 13	704	LINEAR	(89058)	2001 TP ₁₃₀	2001 10 08	644	NEAT
(89007)	2001 TY ₇₉	2001 10 13	704	LINEAR	(89059)	2001 TR ₁₃₀	2001 10 10	644	NEAT
(89008)	2001 TA ₈₀	2001 10 13	704	LINEAR	(89060)	2001 TG ₁₃₃	2001 10 12	608	NEAT
(89009)	2001 TC ₈₀	2001 10 13	704	LINEAR	(89061)	2001 TU ₁₃₄	2001 10 13	644	NEAT
(89010)	2001 TT ₈₀	2001 10 13	704	LINEAR	(89062)	2001 TW ₁₃₄	2001 10 13	644	NEAT
(89011)	2001 TY ₈₀	2001 10 14	704	LINEAR	(89063)	2001 TV ₁₄₆	2001 10 10	644	NEAT
(89012)	2001 TU ₈₂	2001 10 14	704	LINEAR	(89064)	2001 TX ₁₄₆	2001 10 10	644	NEAT
(89013)	2001 TD ₈₃	2001 10 14	704	LINEAR	(89065)	2001 TK ₁₄₇	2001 10 10	644	NEAT
(89014)	2001 TE ₈₃	2001 10 14	704	LINEAR	(89066)	2001 TZ ₁₄₇	2001 10 10	644	NEAT
(89015)	2001 TW ₈₅	2001 10 14	704	LINEAR	(89067)	2001 TE ₁₄₈	2001 10 10	644	NEAT
(89016)	2001 TW ₈₇	2001 10 14	704	LINEAR	(89068)	2001 TQ ₁₄₈	2001 10 10	644	NEAT
(89017)	2001 TT ₈₈	2001 10 14	704	LINEAR	(89069)	2001 TG ₁₄₉	2001 10 10	644	NEAT
(89018)	2001 TQ ₈₉	2001 10 14	704	LINEAR	(89070)	2001 TV ₁₄₉	2001 10 10	644	NEAT
(89019)	2001 TC ₉₀	2001 10 14	704	LINEAR	(89071)	2001 TF ₁₅₀	2001 10 10	644	NEAT
(89020)	2001 TK ₉₁	2001 10 14	704	LINEAR	(89072)	2001 TS ₁₅₁	2001 10 10	644	NEAT
(89021)	2001 TC ₉₄	2001 10 14	704	LINEAR	(89073)	2001 TC ₁₅₃	2001 10 10	644	NEAT
(89022)	2001 TX ₉₄	2001 10 14	704	LINEAR	(89074)	2001 TD ₁₅₄	2001 10 15	644	NEAT
(89023)	2001 TB ₉₈	2001 10 14	704	LINEAR	(89075)	2001 TG ₁₅₈	2001 10 10	644	NEAT
(89024)	2001 TP ₉₉	2001 10 14	704	LINEAR	(89076)	2001 TH ₁₅₈	2001 10 10	644	NEAT
(89025)	2001 TD ₁₀₁	2001 10 14	704	LINEAR	(89077)	2001 TU ₁₅₉	2001 10 12	608	NEAT
(89026)	2001 TZ ₁₀₁	2001 10 15	704	LINEAR	(89078)	2001 TC ₁₆₂	2001 10 11	644	NEAT
(89027)	2001 TN ₁₀₂	2001 10 15	704	LINEAR	(89079)	2001 TQ ₁₆₅	2001 10 14	704	LINEAR
(89028)	2001 TB ₁₀₅	2001 10 13	704	LINEAR	(89080)	2001 TA ₁₆₆	2001 10 14	704	LINEAR
(89029)	2001 TK ₁₀₅	2001 10 13	704	LINEAR	(89081)	2001 TE ₁₆₆	2001 10 14	704	LINEAR
(89030)	2001 TQ ₁₀₅	2001 10 13	704	LINEAR	(89082)	2001 TB ₁₆₇	2001 10 15	704	LINEAR
(89031)	2001 TF ₁₀₆	2001 10 13	704	LINEAR	(89083)	2001 TA ₁₇₀	2001 10 15	704	LINEAR
(89032)	2001 TH ₁₀₆	2001 10 13	704	LINEAR	(89084)	2001 TQ ₁₇₁	2001 10 15	644	NEAT
(89033)	2001 TO ₁₀₆	2001 10 13	704	LINEAR	(89085)	2001 TU ₁₇₁	2001 10 13	699	LONEOS
(89034)	2001 TZ ₁₀₆	2001 10 13	704	LINEAR	(89086)	2001 TG ₁₇₂	2001 10 13	704	LINEAR
(89035)	2001 TM ₁₀₇	2001 10 13	704	LINEAR	(89087)	2001 TS ₁₇₄	2001 10 15	704	LINEAR
(89036)	2001 TV ₁₀₇	2001 10 13	704	LINEAR	(89088)	2001 TY ₁₈₁	2001 10 14	704	LINEAR
(89037)	2001 TZ ₁₀₇	2001 10 13	704	LINEAR	(89089)	2001 TF ₁₈₂	2001 10 14	704	LINEAR
(89038)	2001 TL ₁₀₉	2001 10 14	704	LINEAR	(89090)	2001 TK ₁₈₂	2001 10 14	704	LINEAR
(89039)	2001 TN ₁₀₉	2001 10 14	704	LINEAR	(89091)	2001 TS ₁₈₇	2001 10 14	704	LINEAR
(89040)	2001 TS ₁₀₉	2001 10 14	704	LINEAR	(89092)	2001 TY ₁₈₈	2001 10 14	704	LINEAR
(89041)	2001 TU ₁₁₁	2001 10 14	704	LINEAR	(89093)	2001 TA ₁₈₉	2001 10 14	704	LINEAR
(89042)	2001 TG ₁₁₂	2001 10 14	704	LINEAR	(89094)	2001 TN ₁₈₉	2001 10 14	704	LINEAR
(89043)	2001 TJ ₁₁₂	2001 10 14	704	LINEAR	(89095)	2001 TU ₁₈₉	2001 10 14	704	LINEAR

(89096)	2001 TB ₁₉₀	2001 10 14	704	LINEAR	(89148)	2001 US ₃₃	2001 10 16	704	LINEAR
(89097)	2001 TS ₁₉₀	2001 10 14	704	LINEAR	(89149)	2001 UD ₃₄	2001 10 16	704	LINEAR
(89098)	2001 TM ₁₉₂	2001 10 14	704	LINEAR	(89150)	2001 UF ₃₄	2001 10 16	704	LINEAR
(89099)	2001 TF ₁₉₃	2001 10 14	704	LINEAR	(89151)	2001 UF ₃₅	2001 10 16	704	LINEAR
(89100)	2001 TN ₁₉₄	2001 10 15	704	LINEAR	(89152)	2001 UW ₃₆	2001 10 16	704	LINEAR
(89101)	2001 TF ₁₉₉	2001 10 11	704	LINEAR	(89153)	2001 UF ₃₈	2001 10 17	704	LINEAR
(89102)	2001 TS ₁₉₉	2001 10 11	704	LINEAR	(89154)	2001 UO ₃₈	2001 10 17	704	LINEAR
(89103)	2001 TN ₂₀₂	2001 10 11	704	LINEAR	(89155)	2001 UE ₃₉	2001 10 17	704	LINEAR
(89104)	2001 TT ₂₀₂	2001 10 11	704	LINEAR	(89156)	2001 UA ₄₃	2001 10 17	704	LINEAR
(89105)	2001 TZ ₂₀₅	2001 10 11	704	LINEAR	(89157)	2001 UW ₄₃	2001 10 17	704	LINEAR
(89106)	2001 TB ₂₀₆	2001 10 11	704	LINEAR	(89158)	2001 UE ₄₄	2001 10 17	704	LINEAR
(89107)	2001 TR ₂₀₆	2001 10 11	704	LINEAR	(89159)	2001 UJ ₄₄	2001 10 17	704	LINEAR
(89108)	2001 TE ₂₀₈	2001 10 11	644	NEAT	(89160)	2001 UD ₄₈	2001 10 17	704	LINEAR
(89109)	2001 TM ₂₁₀	2001 10 13	699	LONEOS	(89161)	2001 UL ₄₈	2001 10 17	704	LINEAR
(89110)	2001 TW ₂₁₀	2001 10 13	644	NEAT	(89162)	2001 UA ₄₉	2001 10 17	704	LINEAR
(89111)	2001 TO ₂₁₁	2001 10 13	644	NEAT	(89163)	2001 UJ ₄₉	2001 10 17	704	LINEAR
(89112)	2001 TW ₂₁₁	2001 10 13	704	LINEAR	(89164)	2001 UX ₄₉	2001 10 17	704	LINEAR
(89113)	2001 TC ₂₁₄	2001 10 13	699	LONEOS	(89165)	2001 UZ ₄₉	2001 10 17	704	LINEAR
(89114)	2001 TJ ₂₁₈	2001 10 14	699	LONEOS	(89166)	2001 UE ₅₀	2001 10 17	704	LINEAR
(89115)	2001 TQ ₂₂₀	2001 10 14	704	LINEAR	(89167)	2001 UF ₅₀	2001 10 17	704	LINEAR
(89116)	2001 TC ₂₂₂	2001 10 14	704	LINEAR	(89168)	2001 UL ₅₀	2001 10 17	704	LINEAR
(89117)	2001 TK ₂₂₂	2001 10 14	704	LINEAR	(89169)	2001 UR ₅₂	2001 10 17	704	LINEAR
(89118)	2001 TT ₂₂₇	2001 10 15	644	NEAT	(89170)	2001 UR ₅₃	2001 10 17	704	LINEAR
(89119)	2001 TD ₂₃₁	2001 10 15	644	NEAT	(89171)	2001 UZ ₅₄	2001 10 16	704	LINEAR
(89120)	2001 TX ₂₃₅	2001 10 15	644	NEAT	(89172)	2001 UE ₅₅	2001 10 16	704	LINEAR
(89121)	2001 TU ₂₃₈	2001 10 15	644	NEAT	(89173)	2001 UK ₅₅	2001 10 17	704	LINEAR
(89122)	2001 UN ₂	2001 10 18	333	Yeung, W. K. Y.	(89174)	2001 UO ₅₅	2001 10 17	704	LINEAR
(89123)	2001 US ₂	2001 10 18	333	Yeung, W. K. Y.	(89175)	2001 UM ₅₇	2001 10 17	704	LINEAR
(89124)	2001 UC ₃	2001 10 16	704	LINEAR	(89176)	2001 UP ₅₉	2001 10 17	704	LINEAR
(89125)	2001 UK ₃	2001 10 16	704	LINEAR	(89177)	2001 UQ ₆₂	2001 10 17	704	LINEAR
(89126)	2001 UV ₃	2001 10 17	333	Yeung, W. K. Y.	(89178)	2001 UC ₆₄	2001 10 18	704	LINEAR
(89127)	2001 UX ₃	2001 10 17	333	Yeung, W. K. Y.	(89179)	2001 UV ₆₄	2001 10 18	704	LINEAR
(89128)	2001 UP ₇	2001 10 17	704	LINEAR	(89180)	2001 UO ₆₅	2001 10 18	704	LINEAR
(89129)	2001 UH ₉	2001 10 17	704	LINEAR	(89181)	2001 UT ₆₅	2001 10 18	704	LINEAR
(89130)	2001 UJ ₁₀	2001 10 20	649	Powell	(89182)	2001 UQ ₆₈	2001 10 20	704	LINEAR
(89131)	2001 UC ₁₂	2001 10 23	333	Yeung, W. K. Y.	(89183)	2001 UD ₇₀	2001 10 17	291	Spacewatch
(89132)	2001 UU ₁₃	2001 10 24	333	Yeung, W. K. Y.	(89184)	2001 UU ₇₃	2001 10 17	704	LINEAR
(89133)	2001 UV ₁₃	2001 10 24	333	Yeung, W. K. Y.	(89185)	2001 UY ₇₃	2001 10 17	704	LINEAR
(89134)	2001 UW ₁₅	2001 10 25	333	Yeung, W. K. Y.	(89186)	2001 UA ₇₅	2001 10 17	704	LINEAR
(89135)	2001 UB ₁₆	2001 10 25	333	Yeung, W. K. Y.	(89187)	2001 UD ₇₅	2001 10 17	704	LINEAR
(89136)	2001 US ₁₆	2001 10 23	691	Spacewatch	(89188)	2001 UT ₇₅	2001 10 17	704	LINEAR
(89137)	2001 UD ₁₇	2001 10 17	704	LINEAR	(89189)	2001 UU ₇₅	2001 10 17	704	LINEAR
(89138)	2001 UU ₁₉	2001 10 17	291	Spacewatch	(89190)	2001 UG ₇₆	2001 10 17	704	LINEAR
(89139)	2001 UT ₂₀	2001 10 18	644	NEAT	(89191)	2001 UH ₇₇	2001 10 17	704	LINEAR
(89140)	2001 UT ₂₁	2001 10 17	704	LINEAR	(89192)	2001 UJ ₇₇	2001 10 17	704	LINEAR
(89141)	2001 UC ₂₅	2001 10 18	704	LINEAR	(89193)	2001 UW ₇₇	2001 10 18	704	LINEAR
(89142)	2001 UP ₂₆	2001 10 18	704	LINEAR	(89194)	2001 UZ ₇₇	2001 10 20	704	LINEAR
(89143)	2001 UL ₃₀	2001 10 16	704	LINEAR	(89195)	2001 UO ₇₈	2001 10 20	704	LINEAR
(89144)	2001 UL ₃₂	2001 10 16	704	LINEAR	(89196)	2001 UH ₇₉	2001 10 20	704	LINEAR
(89145)	2001 UH ₃₃	2001 10 16	704	LINEAR	(89197)	2001 UN ₈₂	2001 10 20	704	LINEAR
(89146)	2001 UO ₃₃	2001 10 16	704	LINEAR	(89198)	2001 UQ ₈₃	2001 10 20	704	LINEAR
(89147)	2001 UQ ₃₃	2001 10 16	704	LINEAR	(89199)	2001 UW ₈₃	2001 10 20	704	LINEAR

(89200)	2001 UH ₈₄	2001 10 21	704	LINEAR	(89252)	2001 UT ₁₇₇	2001 10 21	704	LINEAR
(89201)	2001 UJ ₈₆	2001 10 16	691	Spacewatch	(89253)	2001 UM ₁₇₈	2001 10 23	644	NEAT
(89202)	2001 UJ ₉₀	2001 10 21	691	Spacewatch	(89254)	2001 US ₁₇₈	2001 10 23	644	NEAT
(89203)	2001 UM ₉₃	2001 10 19	608	NEAT	(89255)	2001 UN ₁₇₉	2001 10 26	644	NEAT
(89204)	2001 UQ ₉₃	2001 10 19	608	NEAT	(89256)	2001 UQ ₁₈₃	2001 10 16	644	NEAT
(89205)	2001 UY ₉₄	2001 10 19	608	NEAT	(89257)	2001 UF ₁₈₄	2001 10 16	291	Spacewatch
(89206)	2001 UC ₉₈	2001 10 17	704	LINEAR	(89258)	2001 UM ₂₀₃	2001 10 19	691	Spacewatch
(89207)	2001 UJ ₉₉	2001 10 17	704	LINEAR	(89259)	2001 UR ₂₀₃	2001 10 19	644	NEAT
(89208)	2001 UR ₁₀₃	2001 10 20	704	LINEAR	(89260)	2001 UT ₂₁₃	2001 10 23	699	LONEOS
(89209)	2001 UU ₁₀₆	2001 10 20	704	LINEAR	(89261)	2001 VO	2001 11 07	704	LINEAR
(89210)	2001 UH ₁₀₈	2001 10 20	704	LINEAR	(89262)	2001 VV ₁	2001 11 09	704	LINEAR
(89211)	2001 UX ₁₀₈	2001 10 20	704	LINEAR	(89263)	2001 VZ ₁	2001 11 10	611	Starkenburg
(89212)	2001 UD ₁₀₉	2001 10 20	704	LINEAR	(89264)	2001 VN ₂	2001 11 11	850	Durig, D.
(89213)	2001 UW ₁₀₉	2001 10 20	704	LINEAR	(89265)	2001 VE ₅	2001 11 08	683	Tucker, R. A.
(89214)	2001 UL ₁₁₁	2001 10 21	704	LINEAR	(89266)	2001 VH ₇	2001 11 09	704	LINEAR
(89215)	2001 UM ₁₁₇	2001 10 22	704	LINEAR	(89267)	2001 VP ₈	2001 11 09	704	LINEAR
(89216)	2001 UN ₁₁₇	2001 10 22	704	LINEAR	(89268)	2001 VY ₈	2001 11 09	704	LINEAR
(89217)	2001 UM ₁₁₉	2001 10 22	704	LINEAR	(89269)	2001 VS ₉	2001 11 09	704	LINEAR
(89218)	2001 UP ₁₁₉	2001 10 22	704	LINEAR	(89270)	2001 VB ₁₀	2001 11 10	704	LINEAR
(89219)	2001 UJ ₁₂₀	2001 10 22	704	LINEAR	(89271)	2001 VS ₁₀	2001 11 10	704	LINEAR
(89220)	2001 UK ₁₂₁	2001 10 22	704	LINEAR	(89272)	2001 VF ₁₁	2001 11 10	704	LINEAR
(89221)	2001 UH ₁₂₂	2001 10 22	704	LINEAR	(89273)	2001 VO ₁₂	2001 11 10	704	LINEAR
(89222)	2001 UM ₁₂₂	2001 10 22	704	LINEAR	(89274)	2001 VZ ₁₂	2001 11 10	704	LINEAR
(89223)	2001 UE ₁₂₃	2001 10 22	704	LINEAR	(89275)	2001 VD ₁₃	2001 11 10	704	LINEAR
(89224)	2001 UU ₁₂₄	2001 10 22	644	NEAT	(89276)	2001 VK ₁₅	2001 11 10	704	LINEAR
(89225)	2001 UE ₁₂₆	2001 10 23	644	NEAT	(89277)	2001 VZ ₁₅	2001 11 07	644	NEAT
(89226)	2001 UH ₁₂₇	2001 10 17	704	LINEAR	(89278)	2001 VD ₁₆	2001 11 09	644	NEAT
(89227)	2001 UO ₁₂₇	2001 10 17	704	LINEAR	(89279)	2001 VJ ₁₆	2001 11 10	644	NEAT
(89228)	2001 UT ₁₂₇	2001 10 17	704	LINEAR	(89280)	2001 VS ₁₆	2001 11 10	704	LINEAR
(89229)	2001 UY ₁₂₇	2001 10 17	704	LINEAR	(89281)	2001 VU ₁₆	2001 11 10	704	LINEAR
(89230)	2001 UF ₁₃₂	2001 10 20	704	LINEAR	(89282)	2001 VD ₁₇	2001 11 10	557	Pravec, P., Kušnirák, P.
(89231)	2001 UA ₁₄₁	2001 10 23	704	LINEAR	(89283)	2001 VJ ₁₇	2001 11 11	683	Tucker, R. A.
(89232)	2001 UP ₁₄₁	2001 10 23	704	LINEAR	(89284)	2001 VY ₁₇	2001 11 09	704	LINEAR
(89233)	2001 UT ₁₄₆	2001 10 23	704	LINEAR	(89285)	2001 VZ ₁₇	2001 11 09	704	LINEAR
(89234)	2001 UZ ₁₄₆	2001 10 23	704	LINEAR	(89286)	2001 VH ₁₈	2001 11 09	704	LINEAR
(89235)	2001 UU ₁₄₈	2001 10 23	704	LINEAR	(89287)	2001 VM ₁₈	2001 11 09	704	LINEAR
(89236)	2001 UB ₁₅₀	2001 10 23	704	LINEAR	(89288)	2001 VU ₁₈	2001 11 09	704	LINEAR
(89237)	2001 UD ₁₅₂	2001 10 23	704	LINEAR	(89289)	2001 VY ₂₁	2001 11 09	704	LINEAR
(89238)	2001 UQ ₁₅₃	2001 10 23	704	LINEAR	(89290)	2001 VX ₂₄	2001 11 09	704	LINEAR
(89239)	2001 UX ₁₅₃	2001 10 23	704	LINEAR	(89291)	2001 VM ₂₆	2001 11 09	704	LINEAR
(89240)	2001 UO ₁₅₆	2001 10 23	704	LINEAR	(89292)	2001 VP ₂₆	2001 11 09	704	LINEAR
(89241)	2001 UE ₁₅₇	2001 10 23	704	LINEAR	(89293)	2001 VL ₂₇	2001 11 09	704	LINEAR
(89242)	2001 UP ₁₅₇	2001 10 23	704	LINEAR	(89294)	2001 VP ₂₇	2001 11 09	704	LINEAR
(89243)	2001 UF ₁₅₉	2001 10 23	704	LINEAR	(89295)	2001 VE ₂₈	2001 11 09	704	LINEAR
(89244)	2001 UY ₁₆₄	2001 10 23	644	NEAT	(89296)	2001 VM ₂₈	2001 11 09	704	LINEAR
(89245)	2001 UQ ₁₆₇	2001 10 19	704	LINEAR	(89297)	2001 VQ ₂₈	2001 11 09	704	LINEAR
(89246)	2001 UU ₁₆₇	2001 10 19	704	LINEAR	(89298)	2001 VD ₂₉	2001 11 09	704	LINEAR
(89247)	2001 UE ₁₆₈	2001 10 19	704	LINEAR	(89299)	2001 VM ₂₉	2001 11 09	704	LINEAR
(89248)	2001 UR ₁₆₉	2001 10 20	704	LINEAR	(89300)	2001 VA ₃₀	2001 11 09	704	LINEAR
(89249)	2001 UA ₁₇₁	2001 10 21	704	LINEAR	(89301)	2001 VH ₃₀	2001 11 09	704	LINEAR
(89250)	2001 UH ₁₇₄	2001 10 18	644	NEAT	(89302)	2001 VR ₃₁	2001 11 09	704	LINEAR
(89251)	2001 UK ₁₇₄	2001 10 18	644	NEAT	(89303)	2001 VW ₃₁	2001 11 09	704	LINEAR

(89304)	2001 VG ₃₂	2001 11 09	704	LINEAR	(89356)	2001 VB ₇₉	2001 11 09	644	NEAT
(89305)	2001 VR ₃₂	2001 11 09	704	LINEAR	(89357)	2001 VX ₇₉	2001 11 09	644	NEAT
(89306)	2001 VU ₃₃	2001 11 09	704	LINEAR	(89358)	2001 VA ₈₀	2001 11 09	644	NEAT
(89307)	2001 VO ₃₄	2001 11 09	704	LINEAR	(89359)	2001 VF ₈₀	2001 11 09	644	NEAT
(89308)	2001 VU ₃₄	2001 11 09	704	LINEAR	(89360)	2001 VM ₈₀	2001 11 10	644	NEAT
(89309)	2001 VN ₃₆	2001 11 09	704	LINEAR	(89361)	2001 VR ₈₀	2001 11 10	644	NEAT
(89310)	2001 VU ₃₆	2001 11 09	704	LINEAR	(89362)	2001 VS ₈₀	2001 11 10	644	NEAT
(89311)	2001 VW ₃₆	2001 11 09	704	LINEAR	(89363)	2001 VC ₈₁	2001 11 10	644	NEAT
(89312)	2001 VE ₃₇	2001 11 09	704	LINEAR	(89364)	2001 VK ₈₁	2001 11 13	608	NEAT
(89313)	2001 VH ₃₇	2001 11 09	704	LINEAR	(89365)	2001 VZ ₈₁	2001 11 12	704	LINEAR
(89314)	2001 VF ₄₀	2001 11 09	704	LINEAR	(89366)	2001 VS ₈₃	2001 11 10	704	LINEAR
(89315)	2001 VJ ₄₀	2001 11 09	704	LINEAR	(89367)	2001 VT ₈₄	2001 11 12	704	LINEAR
(89316)	2001 VW ₄₀	2001 11 09	704	LINEAR	(89368)	2001 VZ ₈₅	2001 11 12	704	LINEAR
(89317)	2001 VA ₄₁	2001 11 09	704	LINEAR	(89369)	2001 VL ₈₆	2001 11 12	704	LINEAR
(89318)	2001 VE ₄₂	2001 11 09	704	LINEAR	(89370)	2001 VU ₈₆	2001 11 13	704	LINEAR
(89319)	2001 VO ₄₂	2001 11 09	704	LINEAR	(89371)	2001 VD ₈₇	2001 11 15	704	LINEAR
(89320)	2001 VT ₄₂	2001 11 09	704	LINEAR	(89372)	2001 VE ₈₇	2001 11 15	704	LINEAR
(89321)	2001 VB ₄₃	2001 11 09	704	LINEAR	(89373)	2001 VO ₈₇	2001 11 14	691	Spacewatch
(89322)	2001 VF ₄₃	2001 11 09	704	LINEAR	(89374)	2001 VW ₈₉	2001 11 15	704	LINEAR
(89323)	2001 VA ₄₄	2001 11 09	704	LINEAR	(89375)	2001 VB ₉₁	2001 11 15	704	LINEAR
(89324)	2001 VG ₄₄	2001 11 09	704	LINEAR	(89376)	2001 VD ₉₁	2001 11 15	704	LINEAR
(89325)	2001 VW ₄₄	2001 11 09	704	LINEAR	(89377)	2001 VS ₉₃	2001 11 15	704	LINEAR
(89326)	2001 VP ₄₅	2001 11 09	704	LINEAR	(89378)	2001 VG ₉₄	2001 11 15	704	LINEAR
(89327)	2001 VD ₄₆	2001 11 09	704	LINEAR	(89379)	2001 VV ₉₄	2001 11 15	704	LINEAR
(89328)	2001 VF ₄₆	2001 11 09	704	LINEAR	(89380)	2001 VF ₉₆	2001 11 15	704	LINEAR
(89329)	2001 VR ₄₆	2001 11 09	704	LINEAR	(89381)	2001 VR ₉₇	2001 11 15	704	LINEAR
(89330)	2001 VT ₄₆	2001 11 09	704	LINEAR	(89382)	2001 VS ₉₇	2001 11 15	704	LINEAR
(89331)	2001 VX ₄₇	2001 11 09	704	LINEAR	(89383)	2001 VQ ₉₉	2001 11 15	704	LINEAR
(89332)	2001 VT ₄₈	2001 11 09	704	LINEAR	(89384)	2001 VB ₁₀₁	2001 11 12	704	LINEAR
(89333)	2001 VJ ₅₁	2001 11 10	704	LINEAR	(89385)	2001 VW ₁₀₂	2001 11 12	704	LINEAR
(89334)	2001 VM ₅₃	2001 11 10	704	LINEAR	(89386)	2001 VG ₁₀₅	2001 11 12	704	LINEAR
(89335)	2001 VU ₅₃	2001 11 10	704	LINEAR	(89387)	2001 VA ₁₀₆	2001 11 12	704	LINEAR
(89336)	2001 VZ ₅₃	2001 11 10	704	LINEAR	(89388)	2001 VE ₁₀₆	2001 11 12	704	LINEAR
(89337)	2001 VJ ₅₄	2001 11 10	704	LINEAR	(89389)	2001 VY ₁₀₇	2001 11 12	704	LINEAR
(89338)	2001 VC ₅₅	2001 11 10	704	LINEAR	(89390)	2001 VC ₁₀₈	2001 11 12	704	LINEAR
(89339)	2001 VV ₅₆	2001 11 10	704	LINEAR	(89391)	2001 VU ₁₀₈	2001 11 12	704	LINEAR
(89340)	2001 VT ₅₇	2001 11 10	704	LINEAR	(89392)	2001 VG ₁₁₂	2001 11 12	704	LINEAR
(89341)	2001 VM ₅₈	2001 11 10	704	LINEAR	(89393)	2001 VT ₁₁₆	2001 11 12	704	LINEAR
(89342)	2001 VX ₅₈	2001 11 10	704	LINEAR	(89394)	2001 VJ ₁₁₇	2001 11 12	704	LINEAR
(89343)	2001 VX ₆₂	2001 11 10	704	LINEAR	(89395)	2001 VM ₁₁₈	2001 11 12	704	LINEAR
(89344)	2001 VY ₆₃	2001 11 10	704	LINEAR	(89396)	2001 VT ₁₁₈	2001 11 12	704	LINEAR
(89345)	2001 VY ₆₅	2001 11 10	704	LINEAR	(89397)	2001 VV ₁₁₈	2001 11 12	704	LINEAR
(89346)	2001 VH ₆₆	2001 11 10	704	LINEAR	(89398)	2001 VH ₁₁₉	2001 11 12	704	LINEAR
(89347)	2001 VS ₆₆	2001 11 10	704	LINEAR	(89399)	2001 VM ₁₂₀	2001 11 12	704	LINEAR
(89348)	2001 VB ₆₇	2001 11 10	704	LINEAR	(89400)	2001 WB	2001 11 16	411	Kobayashi, T.
(89349)	2001 VB ₇₁	2001 11 11	704	LINEAR	(89401)	2001 WU ₃	2001 11 17	691	Spacewatch
(89350)	2001 VM ₇₁	2001 11 11	557	Kušnirák, P., Pravec, P.	(89402)	2001 WG ₄	2001 11 19	411	Kobayashi, T.
(89351)	2001 VB ₇₅	2001 11 08	644	NEAT	(89403)	2001 WG ₇	2001 11 17	704	LINEAR
(89352)	2001 VC ₇₅	2001 11 08	644	NEAT	(89404)	2001 WS ₈	2001 11 17	704	LINEAR
(89353)	2001 VN ₇₅	2001 11 14	691	Spacewatch	(89405)	2001 WL ₉	2001 11 17	704	LINEAR
(89354)	2001 VL ₇₆	2001 11 14	300	BATTeRS	(89406)	2001 WB ₁₀	2001 11 17	704	LINEAR
(89355)	2001 VS ₇₈	2001 11 15	699	LONEOS	(89407)	2001 WF ₁₀	2001 11 17	704	LINEAR

(89408)	2001 WN ₁₀	2001 11 17	704	LINEAR	(89460)	2001 XB ₈	2001 12 08	704	LINEAR
(89409)	2001 WP ₁₂	2001 11 17	704	LINEAR	(89461)	2001 XJ ₈	2001 12 09	704	LINEAR
(89410)	2001 WQ ₁₃	2001 11 17	704	LINEAR	(89462)	2001 XB ₁₁	2001 12 07	704	LINEAR
(89411)	2001 WO ₁₆	2001 11 17	704	LINEAR	(89463)	2001 XR ₁₁	2001 12 09	704	LINEAR
(89412)	2001 WV ₁₆	2001 11 17	704	LINEAR	(89464)	2001 XZ ₁₂	2001 12 09	704	LINEAR
(89413)	2001 WM ₂₁	2001 11 18	704	LINEAR	(89465)	2001 XF ₁₆	2001 12 10	704	LINEAR
(89414)	2001 WT ₂₁	2001 11 18	704	LINEAR	(89466)	2001 XL ₁₇	2001 12 09	704	LINEAR
(89415)	2001 WM ₂₅	2001 11 17	704	LINEAR	(89467)	2001 XJ ₁₉	2001 12 09	704	LINEAR
(89416)	2001 WP ₂₆	2001 11 17	704	LINEAR	(89468)	2001 XK ₂₀	2001 12 09	704	LINEAR
(89417)	2001 WP ₂₈	2001 11 17	704	LINEAR	(89469)	2001 XG ₂₁	2001 12 09	704	LINEAR
(89418)	2001 WT ₂₈	2001 11 17	704	LINEAR	(89470)	2001 XB ₂₂	2001 12 09	704	LINEAR
(89419)	2001 WX ₂₈	2001 11 17	704	LINEAR	(89471)	2001 XJ ₂₂	2001 12 09	704	LINEAR
(89420)	2001 WB ₂₉	2001 11 17	704	LINEAR	(89472)	2001 XK ₂₂	2001 12 09	704	LINEAR
(89421)	2001 WS ₂₉	2001 11 17	704	LINEAR	(89473)	2001 XS ₂₂	2001 12 09	704	LINEAR
(89422)	2001 WY ₂₉	2001 11 17	704	LINEAR	(89474)	2001 XA ₂₃	2001 12 09	704	LINEAR
(89423)	2001 WG ₃₆	2001 11 17	704	LINEAR	(89475)	2001 XH ₂₄	2001 12 10	704	LINEAR
(89424)	2001 WB ₃₈	2001 11 17	704	LINEAR	(89476)	2001 XX ₂₄	2001 12 10	704	LINEAR
(89425)	2001 WF ₃₈	2001 11 17	704	LINEAR	(89477)	2001 XL ₂₅	2001 12 10	704	LINEAR
(89426)	2001 WU ₃₈	2001 11 17	704	LINEAR	(89478)	2001 XS ₂₅	2001 12 10	704	LINEAR
(89427)	2001 WC ₃₉	2001 11 17	704	LINEAR	(89479)	2001 XR ₂₆	2001 12 10	704	LINEAR
(89428)	2001 WQ ₃₉	2001 11 17	704	LINEAR	(89480)	2001 XE ₂₇	2001 12 10	704	LINEAR
(89429)	2001 WT ₃₉	2001 11 17	704	LINEAR	(89481)	2001 XH ₂₇	2001 12 10	704	LINEAR
(89430)	2001 WK ₄₀	2001 11 17	704	LINEAR	(89482)	2001 XK ₂₈	2001 12 11	704	LINEAR
(89431)	2001 WT ₄₀	2001 11 17	704	LINEAR	(89483)	2001 XE ₂₉	2001 12 11	704	LINEAR
(89432)	2001 WB ₄₁	2001 11 17	704	LINEAR	(89484)	2001 XO ₂₉	2001 12 11	704	LINEAR
(89433)	2001 WM ₄₁	2001 11 17	704	LINEAR	(89485)	2001 XK ₃₁	2001 12 11	704	LINEAR
(89434)	2001 WO ₄₁	2001 11 17	704	LINEAR	(89486)	2001 XL ₃₁	2001 12 11	704	LINEAR
(89435)	2001 WK ₄₅	2001 11 19	704	LINEAR	(89487)	2001 XU ₃₁	2001 12 14	411	Kobayashi, T.
(89436)	2001 WE ₄₆	2001 11 19	704	LINEAR	(89488)	2001 XG ₃₃	2001 12 10	291	Spacewatch
(89437)	2001 WR ₄₆	2001 11 19	704	LINEAR	(89489)	2001 XR ₃₃	2001 12 07	704	LINEAR
(89438)	2001 WJ ₄₈	2001 11 19	699	LONEOS	(89490)	2001 XW ₃₅	2001 12 09	704	LINEAR
(89439)	2001 WK ₄₈	2001 11 19	699	LONEOS	(89491)	2001 XD ₃₆	2001 12 09	704	LINEAR
(89440)	2001 WQ ₄₉	2001 11 19	608	NEAT	(89492)	2001 XP ₃₆	2001 12 09	704	LINEAR
(89441)	2001 WU ₅₂	2001 11 19	704	LINEAR	(89493)	2001 XJ ₃₈	2001 12 09	704	LINEAR
(89442)	2001 WA ₅₄	2001 11 19	704	LINEAR	(89494)	2001 XY ₃₈	2001 12 09	704	LINEAR
(89443)	2001 WH ₅₇	2001 11 19	704	LINEAR	(89495)	2001 XX ₄₀	2001 12 09	704	LINEAR
(89444)	2001 WB ₆₀	2001 11 19	704	LINEAR	(89496)	2001 XF ₄₂	2001 12 09	704	LINEAR
(89445)	2001 WS ₇₈	2001 11 20	704	LINEAR	(89497)	2001 XX ₄₂	2001 12 09	704	LINEAR
(89446)	2001 WW ₇₈	2001 11 20	704	LINEAR	(89498)	2001 XV ₄₃	2001 12 09	704	LINEAR
(89447)	2001 WT ₈₆	2001 11 20	704	LINEAR	(89499)	2001 XU ₄₆	2001 12 09	704	LINEAR
(89448)	2001 WF ₉₀	2001 11 21	704	LINEAR	(89500)	2001 XK ₄₈	2001 12 10	704	LINEAR
(89449)	2001 WG ₉₃	2001 11 21	608	NEAT	(89501)	2001 XR ₄₈	2001 12 10	704	LINEAR
(89450)	2001 WN ₉₈	2001 11 19	699	LONEOS	(89502)	2001 XS ₄₈	2001 12 14	704	LINEAR
(89451)	2001 WG ₉₉	2001 11 17	704	LINEAR	(89503)	2001 XP ₅₀	2001 12 10	704	LINEAR
(89452)	2001 WK ₉₉	2001 11 17	704	LINEAR	(89504)	2001 XV ₅₀	2001 12 10	704	LINEAR
(89453)	2001 WF ₁₀₂	2001 11 19	699	LONEOS	(89505)	2001 XX ₅₁	2001 12 10	704	LINEAR
(89454)	2001 XG	2001 12 04	704	LINEAR	(89506)	2001 XD ₅₃	2001 12 10	704	LINEAR
(89455)	2001 XJ ₁	2001 12 08	611	Starkenburg	(89507)	2001 XF ₅₃	2001 12 10	704	LINEAR
(89456)	2001 XC ₅	2001 12 05	608	NEAT	(89508)	2001 XJ ₅₄	2001 12 11	704	LINEAR
(89457)	2001 XD ₅	2001 12 05	608	NEAT	(89509)	2001 XW ₅₄	2001 12 10	704	LINEAR
(89458)	2001 XV ₅	2001 12 07	704	LINEAR	(89510)	2001 XB ₅₅	2001 12 11	704	LINEAR
(89459)	2001 XX ₅	2001 12 07	704	LINEAR	(89511)	2001 XD ₅₆	2001 12 10	704	LINEAR

(89512)	2001 XF ₅₆	2001 12 10	704	LINEAR	(89564)	2001 XJ ₁₀₃	2001 12 14	704	LINEAR
(89513)	2001 XV ₅₇	2001 12 10	704	LINEAR	(89565)	2001 XW ₁₀₃	2001 12 14	291	Spacewatch
(89514)	2001 XA ₅₉	2001 12 10	704	LINEAR	(89566)	2001 XZ ₁₀₃	2001 12 10	704	LINEAR
(89515)	2001 XB ₅₉	2001 12 10	704	LINEAR	(89567)	2001 XM ₁₁₃	2001 12 11	704	LINEAR
(89516)	2001 XN ₅₉	2001 12 10	704	LINEAR	(89568)	2001 XA ₁₁₅	2001 12 13	704	LINEAR
(89517)	2001 XJ ₆₁	2001 12 10	704	LINEAR	(89569)	2001 XB ₁₁₅	2001 12 13	704	LINEAR
(89518)	2001 XH ₆₂	2001 12 10	704	LINEAR	(89570)	2001 XA ₁₁₆	2001 12 13	704	LINEAR
(89519)	2001 XV ₆₂	2001 12 10	704	LINEAR	(89571)	2001 XW ₁₁₆	2001 12 13	704	LINEAR
(89520)	2001 XS ₆₃	2001 12 10	704	LINEAR	(89572)	2001 XX ₁₁₇	2001 12 13	704	LINEAR
(89521)	2001 XG ₆₄	2001 12 10	704	LINEAR	(89573)	2001 XD ₁₁₈	2001 12 13	704	LINEAR
(89522)	2001 XL ₆₄	2001 12 10	704	LINEAR	(89574)	2001 XG ₁₁₈	2001 12 13	704	LINEAR
(89523)	2001 XU ₆₄	2001 12 10	704	LINEAR	(89575)	2001 XD ₁₁₉	2001 12 13	704	LINEAR
(89524)	2001 XU ₆₆	2001 12 10	704	LINEAR	(89576)	2001 XP ₁₁₉	2001 12 13	704	LINEAR
(89525)	2001 XA ₆₈	2001 12 10	704	LINEAR	(89577)	2001 XW ₁₂₀	2001 12 14	704	LINEAR
(89526)	2001 XY ₆₈	2001 12 11	704	LINEAR	(89578)	2001 XV ₁₂₂	2001 12 14	704	LINEAR
(89527)	2001 XE ₇₁	2001 12 11	704	LINEAR	(89579)	2001 XE ₁₂₇	2001 12 14	704	LINEAR
(89528)	2001 XG ₇₄	2001 12 11	704	LINEAR	(89580)	2001 XC ₁₂₈	2001 12 14	704	LINEAR
(89529)	2001 XP ₇₅	2001 12 11	704	LINEAR	(89581)	2001 XS ₁₃₃	2001 12 14	704	LINEAR
(89530)	2001 XA ₇₆	2001 12 11	704	LINEAR	(89582)	2001 XB ₁₃₄	2001 12 14	704	LINEAR
(89531)	2001 XD ₇₆	2001 12 11	704	LINEAR	(89583)	2001 XO ₁₃₄	2001 12 14	704	LINEAR
(89532)	2001 XP ₇₇	2001 12 11	704	LINEAR	(89584)	2001 XW ₁₃₆	2001 12 14	704	LINEAR
(89533)	2001 XV ₇₉	2001 12 11	704	LINEAR	(89585)	2001 XN ₁₃₈	2001 12 14	704	LINEAR
(89534)	2001 XO ₈₀	2001 12 11	704	LINEAR	(89586)	2001 XP ₁₃₈	2001 12 14	704	LINEAR
(89535)	2001 XU ₈₃	2001 12 11	704	LINEAR	(89587)	2001 XN ₁₃₉	2001 12 14	704	LINEAR
(89536)	2001 XG ₈₄	2001 12 11	704	LINEAR	(89588)	2001 XZ ₁₃₉	2001 12 14	704	LINEAR
(89537)	2001 XJ ₈₅	2001 12 11	704	LINEAR	(89589)	2001 XD ₁₄₁	2001 12 14	704	LINEAR
(89538)	2001 XD ₈₆	2001 12 11	704	LINEAR	(89590)	2001 XE ₁₄₁	2001 12 14	704	LINEAR
(89539)	2001 XK ₈₆	2001 12 11	704	LINEAR	(89591)	2001 XX ₁₄₄	2001 12 14	704	LINEAR
(89540)	2001 XN ₈₆	2001 12 11	704	LINEAR	(89592)	2001 XC ₁₄₆	2001 12 14	704	LINEAR
(89541)	2001 XR ₈₇	2001 12 13	704	LINEAR	(89593)	2001 XC ₁₄₇	2001 12 14	704	LINEAR
(89542)	2001 XH ₈₉	2001 12 10	704	LINEAR	(89594)	2001 XS ₁₄₇	2001 12 14	704	LINEAR
(89543)	2001 XT ₉₀	2001 12 10	704	LINEAR	(89595)	2001 XC ₁₄₈	2001 12 14	704	LINEAR
(89544)	2001 XW ₉₁	2001 12 10	704	LINEAR	(89596)	2001 XS ₁₅₂	2001 12 14	704	LINEAR
(89545)	2001 XM ₉₂	2001 12 10	704	LINEAR	(89597)	2001 XJ ₁₅₉	2001 12 14	704	LINEAR
(89546)	2001 XU ₉₂	2001 12 10	704	LINEAR	(89598)	2001 XU ₁₅₉	2001 12 14	704	LINEAR
(89547)	2001 XY ₉₂	2001 12 10	704	LINEAR	(89599)	2001 XW ₁₆₁	2001 12 14	704	LINEAR
(89548)	2001 XR ₉₇	2001 12 10	704	LINEAR	(89600)	2001 XF ₁₆₆	2001 12 14	704	LINEAR
(89549)	2001 XS ₉₇	2001 12 10	704	LINEAR	(89601)	2001 XV ₁₆₈	2001 12 14	704	LINEAR
(89550)	2001 XU ₉₇	2001 12 10	704	LINEAR	(89602)	2001 XA ₁₆₉	2001 12 14	704	LINEAR
(89551)	2001 XX ₉₇	2001 12 10	704	LINEAR	(89603)	2001 XH ₁₆₉	2001 12 14	704	LINEAR
(89552)	2001 XA ₉₈	2001 12 10	704	LINEAR	(89604)	2001 XM ₁₇₀	2001 12 14	704	LINEAR
(89553)	2001 XE ₉₈	2001 12 10	704	LINEAR	(89605)	2001 XT ₁₇₂	2001 12 14	704	LINEAR
(89554)	2001 XF ₉₈	2001 12 10	704	LINEAR	(89606)	2001 XF ₁₇₃	2001 12 14	704	LINEAR
(89555)	2001 XN ₉₈	2001 12 10	704	LINEAR	(89607)	2001 XC ₁₇₆	2001 12 14	704	LINEAR
(89556)	2001 XS ₉₈	2001 12 10	704	LINEAR	(89608)	2001 XH ₁₇₈	2001 12 14	704	LINEAR
(89557)	2001 XY ₉₈	2001 12 10	704	LINEAR	(89609)	2001 XN ₁₇₉	2001 12 14	704	LINEAR
(89558)	2001 XR ₉₉	2001 12 10	704	LINEAR	(89610)	2001 XR ₁₈₁	2001 12 14	704	LINEAR
(89559)	2001 XT ₉₉	2001 12 10	704	LINEAR	(89611)	2001 XR ₁₈₂	2001 12 14	704	LINEAR
(89560)	2001 XB ₁₀₀	2001 12 10	704	LINEAR	(89612)	2001 XV ₁₈₃	2001 12 14	704	LINEAR
(89561)	2001 XK ₁₀₀	2001 12 10	704	LINEAR	(89613)	2001 XM ₁₈₅	2001 12 14	704	LINEAR
(89562)	2001 XN ₁₀₀	2001 12 10	704	LINEAR	(89614)	2001 XZ ₁₈₅	2001 12 14	704	LINEAR
(89563)	2001 XY ₁₀₁	2001 12 10	704	LINEAR	(89615)	2001 XW ₁₈₇	2001 12 14	704	LINEAR

(89616)	2001 XH ₁₈₉	2001 12 14	704	LINEAR	(89668)	2001 YE ₁₃	2001 12 17	704	LINEAR
(89617)	2001 XG ₁₉₁	2001 12 14	704	LINEAR	(89669)	2001 YK ₁₄	2001 12 17	704	LINEAR
(89618)	2001 XB ₁₉₂	2001 12 14	704	LINEAR	(89670)	2001 YN ₁₇	2001 12 17	704	LINEAR
(89619)	2001 XE ₁₉₂	2001 12 14	704	LINEAR	(89671)	2001 YA ₂₄	2001 12 18	704	LINEAR
(89620)	2001 XM ₁₉₃	2001 12 14	704	LINEAR	(89672)	2001 YG ₂₆	2001 12 18	704	LINEAR
(89621)	2001 XR ₁₉₄	2001 12 14	704	LINEAR	(89673)	2001 YW ₂₇	2001 12 18	704	LINEAR
(89622)	2001 XH ₁₉₅	2001 12 14	704	LINEAR	(89674)	2001 YP ₃₇	2001 12 18	704	LINEAR
(89623)	2001 XW ₁₉₆	2001 12 14	704	LINEAR	(89675)	2001 YS ₄₁	2001 12 18	704	LINEAR
(89624)	2001 XR ₁₉₇	2001 12 14	704	LINEAR	(89676)	2001 YA ₄₆	2001 12 18	704	LINEAR
(89625)	2001 XF ₁₉₈	2001 12 14	704	LINEAR	(89677)	2001 YC ₄₆	2001 12 18	704	LINEAR
(89626)	2001 XS ₁₉₉	2001 12 14	704	LINEAR	(89678)	2001 YV ₄₆	2001 12 18	704	LINEAR
(89627)	2001 XC ₂₀₁	2001 12 15	704	LINEAR	(89679)	2001 YW ₄₇	2001 12 18	704	LINEAR
(89628)	2001 XV ₂₀₅	2001 12 11	704	LINEAR	(89680)	2001 YY ₄₇	2001 12 18	704	LINEAR
(89629)	2001 XJ ₂₀₆	2001 12 11	704	LINEAR	(89681)	2001 YA ₄₈	2001 12 18	704	LINEAR
(89630)	2001 XX ₂₀₆	2001 12 11	704	LINEAR	(89682)	2001 YF ₄₈	2001 12 18	704	LINEAR
(89631)	2001 XG ₂₀₈	2001 12 11	704	LINEAR	(89683)	2001 YK ₄₈	2001 12 18	704	LINEAR
(89632)	2001 XO ₂₀₈	2001 12 11	704	LINEAR	(89684)	2001 YY ₅₃	2001 12 18	704	LINEAR
(89633)	2001 XM ₂₁₀	2001 12 11	704	LINEAR	(89685)	2001 YB ₅₇	2001 12 18	704	LINEAR
(89634)	2001 XO ₂₁₁	2001 12 11	704	LINEAR	(89686)	2001 YM ₅₇	2001 12 18	704	LINEAR
(89635)	2001 XK ₂₁₃	2001 12 11	704	LINEAR	(89687)	2001 YX ₆₂	2001 12 18	704	LINEAR
(89636)	2001 XR ₂₁₃	2001 12 11	704	LINEAR	(89688)	2001 YK ₆₈	2001 12 18	704	LINEAR
(89637)	2001 XA ₂₁₄	2001 12 11	704	LINEAR	(89689)	2001 YT ₆₈	2001 12 18	704	LINEAR
(89638)	2001 XP ₂₁₄	2001 12 11	704	LINEAR	(89690)	2001 YA ₇₀	2001 12 18	704	LINEAR
(89639)	2001 XD ₂₁₉	2001 12 15	704	LINEAR	(89691)	2001 YC ₇₀	2001 12 18	704	LINEAR
(89640)	2001 XP ₂₂₁	2001 12 15	704	LINEAR	(89692)	2001 YP ₇₀	2001 12 18	704	LINEAR
(89641)	2001 XD ₂₂₂	2001 12 15	704	LINEAR	(89693)	2001 YF ₇₂	2001 12 18	704	LINEAR
(89642)	2001 XJ ₂₂₃	2001 12 15	704	LINEAR	(89694)	2001 YS ₇₄	2001 12 18	704	LINEAR
(89643)	2001 XA ₂₂₅	2001 12 15	704	LINEAR	(89695)	2001 YU ₇₄	2001 12 18	704	LINEAR
(89644)	2001 XQ ₂₂₇	2001 12 15	704	LINEAR	(89696)	2001 YD ₇₅	2001 12 18	704	LINEAR
(89645)	2001 XX ₂₂₉	2001 12 15	704	LINEAR	(89697)	2001 YA ₇₈	2001 12 18	704	LINEAR
(89646)	2001 XC ₂₃₁	2001 12 15	704	LINEAR	(89698)	2001 YB ₇₈	2001 12 18	704	LINEAR
(89647)	2001 XS ₂₃₁	2001 12 15	704	LINEAR	(89699)	2001 YU ₇₉	2001 12 18	704	LINEAR
(89648)	2001 XT ₂₃₈	2001 12 15	704	LINEAR	(89700)	2001 YA ₈₄	2001 12 18	704	LINEAR
(89649)	2001 XA ₂₄₁	2001 12 15	704	LINEAR	(89701)	2001 YK ₈₅	2001 12 18	704	LINEAR
(89650)	2001 XT ₂₄₁	2001 12 14	704	LINEAR	(89702)	2001 YG ₈₆	2001 12 18	704	LINEAR
(89651)	2001 XX ₂₄₅	2001 12 15	704	LINEAR	(89703)	2001 YF ₈₇	2001 12 18	704	LINEAR
(89652)	2001 XO ₂₄₉	2001 12 14	704	LINEAR	(89704)	2001 YR ₈₉	2001 12 18	704	LINEAR
(89653)	2001 XS ₂₄₉	2001 12 14	704	LINEAR	(89705)	2001 YY ₉₃	2001 12 16	699	LONEOS
(89654)	2001 XL ₂₅₀	2001 12 14	704	LINEAR	(89706)	2001 YX ₉₈	2001 12 17	704	LINEAR
(89655)	2001 XA ₂₅₁	2001 12 14	704	LINEAR	(89707)	2001 YT ₉₉	2001 12 17	704	LINEAR
(89656)	2001 XH ₂₅₇	2001 12 07	704	LINEAR	(89708)	2001 YB ₁₀₅	2001 12 17	704	LINEAR
(89657)	2001 XO ₂₅₉	2001 12 09	699	LONEOS	(89709)	2001 YK ₁₀₆	2001 12 17	704	LINEAR
(89658)	2001 XX ₂₆₁	2001 12 11	704	LINEAR	(89710)	2001 YZ ₁₀₇	2001 12 17	704	LINEAR
(89659)	2001 XW ₂₆₃	2001 12 14	704	LINEAR	(89711)	2001 YE ₁₁₀	2001 12 18	704	LINEAR
(89660)	2001 YC ₃	2001 12 18	704	LINEAR	(89712)	2001 YV ₁₁₁	2001 12 18	699	LONEOS
(89661)	2001 YD ₃	2001 12 18	704	LINEAR	(89713)	2001 YB ₁₁₃	2001 12 17	699	LONEOS
(89662)	2001 YF ₄	2001 12 21	704	LINEAR	(89714)	2001 YA ₁₁₄	2001 12 19	704	LINEAR
(89663)	2001 YN ₅	2001 12 17	209	Asiago-DLR Asteroid Survey	(89715)	2001 YC ₁₁₅	2001 12 17	704	LINEAR
(89664)	2001 YU ₅	2001 12 19	209	Asiago-DLR Asteroid Survey	(89716)	2001 YD ₁₁₅	2001 12 17	704	LINEAR
(89665)	2001 YO ₆	2001 12 20	209	Asiago-DLR Asteroid Survey	(89717)	2001 YE ₁₁₆	2001 12 17	704	LINEAR
(89666)	2001 YO ₁₀	2001 12 17	704	LINEAR	(89718)	2001 YK ₁₂₁	2001 12 17	704	LINEAR
(89667)	2001 YK ₁₁	2001 12 17	704	LINEAR	(89719)	2001 YZ ₁₂₁	2001 12 17	704	LINEAR

(89720)	2001 YQ ₁₂₂	2001 12 17	704	LINEAR	(89772)	2002 AT ₈₂	2002 01 09	704	LINEAR
(89721)	2001 YS ₁₂₃	2001 12 17	704	LINEAR	(89773)	2002 AJ ₈₄	2002 01 09	704	LINEAR
(89722)	2001 YY ₁₂₆	2001 12 17	704	LINEAR	(89774)	2002 AZ ₈₈	2002 01 09	704	LINEAR
(89723)	2001 YP ₁₃₀	2001 12 17	704	LINEAR	(89775)	2002 AJ ₉₀	2002 01 11	704	LINEAR
(89724)	2001 YR ₁₃₀	2001 12 17	704	LINEAR	(89776)	2002 AL ₉₀	2002 01 11	704	LINEAR
(89725)	2001 YB ₁₃₂	2001 12 19	704	LINEAR	(89777)	2002 AR ₉₀	2002 01 12	704	LINEAR
(89726)	2001 YA ₁₃₄	2001 12 17	704	LINEAR	(89778)	2002 AK ₉₄	2002 01 08	704	LINEAR
(89727)	2001 YB ₁₃₅	2001 12 19	704	LINEAR	(89779)	2002 AO ₉₇	2002 01 08	704	LINEAR
(89728)	2001 YC ₁₃₆	2001 12 22	704	LINEAR	(89780)	2002 AY ₁₀₀	2002 01 08	704	LINEAR
(89729)	2001 YQ ₁₃₆	2001 12 22	704	LINEAR	(89781)	2002 AT ₁₀₅	2002 01 09	704	LINEAR
(89730)	2001 YK ₁₃₇	2001 12 22	704	LINEAR	(89782)	2002 AM ₁₀₈	2002 01 09	704	LINEAR
(89731)	2001 YE ₁₄₁	2001 12 17	644	NEAT	(89783)	2002 AT ₁₀₉	2002 01 09	704	LINEAR
(89732)	2001 YE ₁₄₆	2001 12 18	704	LINEAR	(89784)	2002 AZ ₁₀₉	2002 01 09	704	LINEAR
(89733)	2001 YD ₁₄₉	2001 12 19	644	NEAT	(89785)	2002 AB ₁₁₀	2002 01 09	704	LINEAR
(89734)	2002 AH	2002 01 04	104	Tombelli, M., Boattini, A.	(89786)	2002 AA ₁₁₂	2002 01 09	704	LINEAR
(89735)	2002 AM	2002 01 04	104	Boattini, A., Tesi, L.	(89787)	2002 AB ₁₁₂	2002 01 09	704	LINEAR
(89736)	2002 AC ₁	2002 01 15	704	LINEAR	(89788)	2002 AE ₁₁₅	2002 01 09	704	LINEAR
(89737)	2002 AW ₃	2002 01 08	411	Kobayashi, T.	(89789)	2002 AJ ₁₁₆	2002 01 09	704	LINEAR
(89738)	2002 AO ₅	2002 01 09	411	Kobayashi, T.	(89790)	2002 AD ₁₁₇	2002 01 09	704	LINEAR
(89739)	2002 AL ₇	2002 01 09	209	Asiago-DLR Asteroid Survey	(89791)	2002 AG ₁₁₈	2002 01 09	704	LINEAR
(89740)	2002 AB ₉	2002 01 09	460	Clingan, R.	(89792)	2002 AP ₁₂₀	2002 01 09	704	LINEAR
(89741)	2002 AV ₉	2002 01 11	333	Yeung, W. K. Y.	(89793)	2002 AJ ₁₂₁	2002 01 09	704	LINEAR
(89742)	2002 AW ₁₆	2002 01 05	608	NEAT	(89794)	2002 AB ₁₂₅	2002 01 11	704	LINEAR
(89743)	2002 AD ₁₇	2002 01 05	608	NEAT	(89795)	2002 AO ₁₂₆	2002 01 13	704	LINEAR
(89744)	2002 AG ₁₈	2002 01 08	209	Asiago-DLR Asteroid Survey	(89796)	2002 AT ₁₃₀	2002 01 12	644	NEAT
(89745)	2002 AT ₁₉	2002 01 08	704	LINEAR	(89797)	2002 AW ₁₃₃	2002 01 09	704	LINEAR
(89746)	2002 AG ₂₀	2002 01 05	608	NEAT	(89798)	2002 AK ₁₃₇	2002 01 09	704	LINEAR
(89747)	2002 AR ₂₀	2002 01 06	608	NEAT	(89799)	2002 AS ₁₄₄	2002 01 13	704	LINEAR
(89748)	2002 AS ₂₁	2002 01 09	704	LINEAR	(89800)	2002 AW ₁₄₈	2002 01 11	704	LINEAR
(89749)	2002 AT ₂₃	2002 01 06	644	NEAT	(89801)	2002 AM ₁₅₁	2002 01 14	704	LINEAR
(89750)	2002 AB ₂₄	2002 01 07	644	NEAT	(89802)	2002 AC ₁₅₅	2002 01 14	704	LINEAR
(89751)	2002 AM ₂₆	2002 01 11	291	Spacewatch	(89803)	2002 AD ₁₅₅	2002 01 14	704	LINEAR
(89752)	2002 AX ₃₂	2002 01 12	644	NEAT	(89804)	2002 AO ₁₅₇	2002 01 13	704	LINEAR
(89753)	2002 AO ₃₄	2002 01 10	644	NEAT	(89805)	2002 AM ₁₅₉	2002 01 13	704	LINEAR
(89754)	2002 AT ₃₆	2002 01 09	704	LINEAR	(89806)	2002 AL ₁₆₀	2002 01 13	704	LINEAR
(89755)	2002 AJ ₃₉	2002 01 09	704	LINEAR	(89807)	2002 AY ₁₆₀	2002 01 13	704	LINEAR
(89756)	2002 AE ₅₄	2002 01 09	704	LINEAR	(89808)	2002 AC ₁₆₂	2002 01 13	704	LINEAR
(89757)	2002 AW ₅₄	2002 01 09	704	LINEAR	(89809)	2002 AM ₁₆₆	2002 01 13	704	LINEAR
(89758)	2002 AX ₅₄	2002 01 09	704	LINEAR	(89810)	2002 AF ₁₇₀	2002 01 14	704	LINEAR
(89759)	2002 AF ₅₆	2002 01 09	704	LINEAR	(89811)	2002 AH ₁₇₆	2002 01 14	704	LINEAR
(89760)	2002 AZ ₅₆	2002 01 09	704	LINEAR	(89812)	2002 AK ₁₇₈	2002 01 14	704	LINEAR
(89761)	2002 AA ₅₉	2002 01 09	704	LINEAR	(89813)	2002 AR ₁₈₁	2002 01 05	644	NEAT
(89762)	2002 AM ₆₀	2002 01 09	704	LINEAR	(89814)	2002 AX ₁₈₁	2002 01 05	644	NEAT
(89763)	2002 AY ₆₀	2002 01 11	704	LINEAR	(89815)	2002 AB ₁₈₆	2002 01 08	704	LINEAR
(89764)	2002 AW ₆₁	2002 01 11	704	LINEAR	(89816)	2002 AN ₁₈₇	2002 01 08	704	LINEAR
(89765)	2002 AA ₆₂	2002 01 11	704	LINEAR	(89817)	2002 AB ₁₈₉	2002 01 10	644	NEAT
(89766)	2002 AO ₆₂	2002 01 11	704	LINEAR	(89818)	2002 AX ₂₀₃	2002 01 02	209	Asiago-DLR Asteroid Survey
(89767)	2002 AF ₇₁	2002 01 08	704	LINEAR	(89819)	2002 BN ₁	2002 01 19	333	Yeung, W. K. Y.
(89768)	2002 AU ₇₁	2002 01 08	704	LINEAR	(89820)	2002 BX ₂	2002 01 18	699	LONEOS
(89769)	2002 AQ ₇₃	2002 01 08	704	LINEAR	(89821)	2002 BM ₃	2002 01 20	699	LONEOS
(89770)	2002 AX ₈₁	2002 01 09	704	LINEAR	(89822)	2002 BW ₃	2002 01 18	699	LONEOS
(89771)	2002 AD ₈₂	2002 01 09	704	LINEAR	(89823)	2002 BE ₉	2002 01 18	704	LINEAR

(89824)	2002 BP ₁₁	2002 01 19	704	LINEAR	(89876)	2002 CF ₁₈₂	2002 02 10	704	LINEAR
(89825)	2002 BA ₁₅	2002 01 19	704	LINEAR	(89877)	2002 CD ₁₉₉	2002 02 10	704	LINEAR
(89826)	2002 BH ₁₅	2002 01 19	704	LINEAR	(89878)	2002 CL ₂₀₇	2002 02 10	704	LINEAR
(89827)	2002 BE ₂₂	2002 01 21	704	LINEAR	(89879)	2002 CH ₂₁₁	2002 02 10	704	LINEAR
(89828)	2002 BY ₂₈	2002 01 19	699	LONEOS	(89880)	2002 CZ ₂₁₆	2002 02 10	704	LINEAR
(89829)	2002 BQ ₂₉	2002 01 20	699	LONEOS	(89881)	2002 CG ₂₁₉	2002 02 10	704	LINEAR
(89830)	2002 CE	2002 02 01	704	LINEAR	(89882)	2002 CS ₂₂₁	2002 02 10	704	LINEAR
(89831)	2002 CW ₄	2002 02 05	678	Juels, C. W., Holvorcem, P. R.	(89883)	2002 CS ₂₂₃	2002 02 11	704	LINEAR
(89832)	2002 CQ ₅	2002 02 04	608	NEAT	(89884)	2002 CS ₂₂₆	2002 02 05	644	NEAT
(89833)	2002 CE ₈	2002 02 04	644	NEAT	(89885)	2002 CP ₂₂₈	2002 02 06	644	NEAT
(89834)	2002 CB ₁₀	2002 02 06	704	LINEAR	(89886)	2002 CT ₂₃₀	2002 02 14	807	Deep Lens Survey
(89835)	2002 CM ₁₂	2002 02 07	946	Nomen, J.	(89887)	2002 CD ₂₃₈	2002 02 11	704	LINEAR
(89836)	2002 CM ₁₅	2002 02 07	704	LINEAR	(89888)	2002 CW ₂₃₉	2002 02 11	704	LINEAR
(89837)	2002 CZ ₂₃	2002 02 06	644	NEAT	(89889)	2002 CD ₂₄₅	2002 02 13	704	LINEAR
(89838)	2002 CJ ₃₁	2002 02 06	704	LINEAR	(89890)	2002 CX ₂₄₈	2002 02 15	608	NEAT
(89839)	2002 CE ₃₂	2002 02 06	704	LINEAR	(89891)	2002 CQ ₂₅₆	2002 02 04	644	NEAT
(89840)	2002 CV ₃₇	2002 02 07	704	LINEAR	(89892)	2002 CE ₂₅₇	2002 02 05	644	NEAT
(89841)	2002 CM ₄₁	2002 02 07	644	NEAT	(89893)	2002 CX ₂₆₅	2002 02 07	691	Spacewatch
(89842)	2002 CZ ₄₈	2002 02 03	608	NEAT	(89894)	2002 CO ₂₇₂	2002 02 08	699	LONEOS
(89843)	2002 CT ₅₈	2002 02 13	734	Hug, G.	(89895)	2002 CY ₂₇₄	2002 02 08	704	LINEAR
(89844)	2002 CP ₆₄	2002 02 06	704	LINEAR	(89896)	2002 CG ₂₇₅	2002 02 09	699	LONEOS
(89845)	2002 CQ ₆₄	2002 02 06	704	LINEAR	(89897)	2002 CC ₂₇₉	2002 02 07	704	LINEAR
(89846)	2002 CK ₆₉	2002 02 07	704	LINEAR	(89898)	2002 CY ₂₇₉	2002 02 07	691	Spacewatch
(89847)	2002 CN ₇₂	2002 02 07	704	LINEAR	(89899)	2002 CT ₂₉₁	2002 02 11	691	Spacewatch
(89848)	2002 CK ₇₃	2002 02 07	704	LINEAR	(89900)	2002 CJ ₂₉₃	2002 02 11	704	LINEAR
(89849)	2002 CF ₇₆	2002 02 07	704	LINEAR	(89901)	2002 CD ₂₉₉	2002 02 12	704	LINEAR
(89850)	2002 CD ₇₇	2002 02 07	704	LINEAR	(89902)	2002 CA ₃₀₆	2002 02 04	644	NEAT
(89851)	2002 CE ₈₀	2002 02 07	704	LINEAR	(89903)	2002 DL ₃	2002 02 20	448	Stevens, B.
(89852)	2002 CY ₈₂	2002 02 07	704	LINEAR	(89904)	2002 DO ₅	2002 02 16	608	NEAT
(89853)	2002 CJ ₈₄	2002 02 07	704	LINEAR	(89905)	2002 DN ₇	2002 02 19	704	LINEAR
(89854)	2002 CC ₈₉	2002 02 07	704	LINEAR	(89906)	2002 DQ ₇	2002 02 19	704	LINEAR
(89855)	2002 CZ ₉₂	2002 02 07	704	LINEAR	(89907)	2002 DT ₇	2002 02 19	704	LINEAR
(89856)	2002 CE ₉₃	2002 02 07	704	LINEAR	(89908)	2002 DK ₁₇	2002 02 20	691	Spacewatch
(89857)	2002 CL ₉₅	2002 02 07	704	LINEAR	(89909)	2002 ET ₂	2002 03 08	246	Klet
(89858)	2002 CK ₉₆	2002 02 07	704	LINEAR	(89910)	2002 ED ₅	2002 03 10	209	Asiago-DLR Asteroid Survey
(89859)	2002 CS ₁₁₇	2002 02 12	333	Yeung, W. K. Y.	(89911)	2002 ER ₈	2002 03 09	049	Uppsala-DLR Asteroid Survey
(89860)	2002 CL ₁₂₀	2002 02 07	704	LINEAR	(89912)	2002 EY ₁₃	2002 03 05	644	NEAT
(89861)	2002 CF ₁₂₄	2002 02 07	704	LINEAR	(89913)	2002 EC ₂₄	2002 03 05	691	Spacewatch
(89862)	2002 CM ₁₂₅	2002 02 07	704	LINEAR	(89914)	2002 EQ ₂₅	2002 03 10	699	LONEOS
(89863)	2002 CV ₁₂₆	2002 02 07	704	LINEAR	(89915)	2002 ED ₃₂	2002 03 09	644	NEAT
(89864)	2002 CH ₁₂₈	2002 02 07	704	LINEAR	(89916)	2002 EN ₃₂	2002 03 10	608	NEAT
(89865)	2002 CP ₁₂₉	2002 02 07	704	LINEAR	(89917)	2002 ET ₃₂	2002 03 11	644	NEAT
(89866)	2002 CW ₁₃₀	2002 02 07	704	LINEAR	(89918)	2002 ER ₃₃	2002 03 11	644	NEAT
(89867)	2002 CP ₁₃₉	2002 02 08	704	LINEAR	(89919)	2002 EF ₃₅	2002 03 11	644	NEAT
(89868)	2002 CO ₁₄₁	2002 02 08	704	LINEAR	(89920)	2002 EN ₄₁	2002 03 12	704	LINEAR
(89869)	2002 CB ₁₄₂	2002 02 08	704	LINEAR	(89921)	2002 EH ₄₅	2002 03 10	608	NEAT
(89870)	2002 CS ₁₄₂	2002 02 09	704	LINEAR	(89922)	2002 EV ₄₅	2002 03 11	644	NEAT
(89871)	2002 CU ₁₄₃	2002 02 09	704	LINEAR	(89923)	2002 EN ₄₇	2002 03 12	644	NEAT
(89872)	2002 CZ ₁₄₄	2002 02 09	704	LINEAR	(89924)	2002 ED ₅₁	2002 03 12	691	Spacewatch
(89873)	2002 CT ₁₅₈	2002 02 07	704	LINEAR	(89925)	2002 EY ₅₂	2002 03 09	704	LINEAR
(89874)	2002 CL ₁₆₀	2002 02 08	704	LINEAR	(89926)	2002 EH ₅₃	2002 03 13	704	LINEAR
(89875)	2002 CP ₁₇₃	2002 02 08	704	LINEAR	(89927)	2002 EP ₆₁	2002 03 13	704	LINEAR

(89928)	2002 EB ₇₀	2002 03 13	704	LINEAR	(89980)	2002 TV ₂₇	2002 10 02	704	LINEAR
(89929)	2002 EO ₇₅	2002 03 14	644	NEAT	(89981)	2002 TL ₃₀	2002 10 02	704	LINEAR
(89930)	2002 EN ₈₀	2002 03 12	644	NEAT	(89982)	2002 TU ₃₅	2002 10 02	704	LINEAR
(89931)	2002 EF ₈₄	2002 03 09	704	LINEAR	(89983)	2002 TE ₃₆	2002 10 02	704	LINEAR
(89932)	2002 EV ₈₅	2002 03 09	704	LINEAR	(89984)	2002 TR ₃₈	2002 10 02	704	LINEAR
(89933)	2002 EA ₈₉	2002 03 09	704	LINEAR	(89985)	2002 TT ₄₁	2002 10 02	704	LINEAR
(89934)	2002 EH ₉₅	2002 03 14	704	LINEAR	(89986)	2002 TV ₄₅	2002 10 02	704	LINEAR
(89935)	2002 EL ₁₃₈	2002 03 12	644	NEAT	(89987)	2002 TX ₄₈	2002 10 02	704	LINEAR
(89936)	2002 EK ₁₅₂	2002 03 15	644	NEAT	(89988)	2002 TJ ₄₉	2002 10 02	704	LINEAR
(89937)	2002 FP ₁	2002 03 19	678	Fountain Hills	(89989)	2002 TV ₄₉	2002 10 02	704	LINEAR
(89938)	2002 FR ₄	2002 03 19	644	NEAT	(89990)	2002 TP ₅₄	2002 10 02	704	LINEAR
(89939)	2002 FV ₇	2002 03 16	704	LINEAR	(89991)	2002 TC ₅₆	2002 10 01	699	LONEOS
(89940)	2002 FG ₈	2002 03 16	704	LINEAR	(89992)	2002 TS ₆₆	2002 10 05	704	LINEAR
(89941)	2002 FZ ₂₀	2002 03 19	644	NEAT	(89993)	2002 TV ₆₆	2002 10 06	704	LINEAR
(89942)	2002 FA ₂₃	2002 03 17	691	Spacewatch	(89994)	2002 TK ₆₈	2002 10 08	644	NEAT
(89943)	2002 FG ₂₉	2002 03 20	704	LINEAR	(89995)	2002 TL ₇₂	2002 10 03	644	NEAT
(89944)	2002 FD ₃₂	2002 03 20	699	LONEOS	(89996)	2002 TK ₇₉	2002 10 01	704	LINEAR
(89945)	2002 GZ ₃₃	2002 04 01	644	NEAT	(89997)	2002 TO ₇₉	2002 10 01	704	LINEAR
(89946)	2002 GP ₃₉	2002 04 04	291	Spacewatch	(89998)	2002 TN ₈₃	2002 10 02	704	LINEAR
(89947)	2002 GQ ₄₈	2002 04 04	608	NEAT	(89999)	2002 TU ₈₉	2002 10 03	644	NEAT
(89948)	2002 GJ ₅₇	2002 04 08	644	NEAT	(90000)	2002 TK ₁₀₂	2002 10 04	704	LINEAR
(89949)	2002 GS ₁₁₈	2002 04 12	644	NEAT	(90001)	2002 TV ₁₁₁	2002 10 03	704	LINEAR
(89950)	2002 GJ ₁₃₃	2002 04 12	704	LINEAR	(90002)	2002 TL ₁₄₂	2002 10 03	704	LINEAR
(89951)	2002 GU ₁₅₄	2002 04 13	644	NEAT	(90003)	2002 TP ₁₄₃	2002 10 04	704	LINEAR
(89952)	2002 JB ₂₀	2002 05 06	644	NEAT	(90004)	2002 TT ₁₄₄	2002 10 05	644	NEAT
(89953)	2002 JZ ₉₁	2002 05 11	704	LINEAR	(90005)	2002 TM ₁₅₆	2002 10 05	644	NEAT
(89954)	2002 JY ₉₈	2002 05 13	644	NEAT	(90006)	2002 TU ₁₇₆	2002 10 05	704	LINEAR
(89955)	2002 JA ₁₁₉	2002 05 05	644	NEAT	(90007)	2002 TE ₁₇₉	2002 10 13	644	NEAT
(89956)	2002 LJ ₅	2002 06 06	678	Juels, C. W., Holvorcem, P. R.	(90008)	2002 TV ₁₈₅	2002 10 04	704	LINEAR
(89957)	2002 LQ ₄₁	2002 06 10	704	LINEAR	(90009)	2002 TQ ₂₀₀	2002 10 04	704	LINEAR
(89958)	2002 LY ₄₅	2002 06 14	704	LINEAR	(90010)	2002 TS ₂₀₂	2002 10 04	704	LINEAR
(89959)	2002 NT ₇	2002 07 09	704	LINEAR	(90011)	2002 TU ₂₀₆	2002 10 04	704	LINEAR
(89960)	2002 ND ₃₅	2002 07 09	704	LINEAR	(90012)	2002 TA ₂₁₁	2002 10 07	704	LINEAR
(89961)	2002 PC ₇₂	2002 08 12	704	LINEAR	(90013)	2002 TM ₂₄₀	2002 10 09	704	LINEAR
(89962)	2002 PL ₁₂₈	2002 08 14	704	LINEAR	(90014)	2002 TO ₂₆₀	2002 10 09	704	LINEAR
(89963)	2002 QH ₆	2002 08 18	704	LINEAR	(90015)	2002 TX ₂₆₄	2002 10 10	704	LINEAR
(89964)	2002 QZ ₂₄	2002 08 28	704	LINEAR	(90016)	2002 TY ₂₆₅	2002 10 10	704	LINEAR
(89965)	2002 RX ₇	2002 09 03	608	NEAT	(90017)	2002 TW ₂₆₆	2002 10 10	704	LINEAR
(89966)	2002 RX ₂₄	2002 09 04	699	LONEOS	(90018)	2002 TP ₂₇₅	2002 10 09	704	LINEAR
(89967)	2002 RD ₆₅	2002 09 05	704	LINEAR	(90019)	2002 TV ₂₈₃	2002 10 10	704	LINEAR
(89968)	2002 RY ₈₁	2002 09 05	704	LINEAR	(90020)	2002 TV ₂₈₅	2002 10 10	704	LINEAR
(89969)	2002 RW ₈₇	2002 09 05	704	LINEAR	(90021)	2002 TR ₂₈₆	2002 10 10	704	LINEAR
(89970)	2002 RQ ₉₀	2002 09 05	704	LINEAR	(90022)	2002 TL ₃₇₁	2002 10 10	645	Sloan Digital Sky Survey
(89971)	2002 RX ₁₀₅	2002 09 05	704	LINEAR	(90023)	2002 UP ₂	2002 10 28	704	LINEAR
(89972)	2002 RB ₁₀₈	2002 09 05	704	LINEAR	(90024)	2002 UT ₇	2002 10 28	644	NEAT
(89973)	2002 RR ₁₁₇	2002 09 08	461	Piszkéstető	(90025)	2002 UV ₇	2002 10 28	644	NEAT
(89974)	2002 RA ₁₅₀	2002 09 11	608	NEAT	(90026)	2002 UM ₈	2002 10 28	644	NEAT
(89975)	2002 RH ₁₉₁	2002 09 12	608	NEAT	(90027)	2002 UM ₁₈	2002 10 30	644	NEAT
(89976)	2002 SQ ₂₁	2002 09 26	644	NEAT	(90028)	2002 UQ ₂₀	2002 10 28	608	NEAT
(89977)	2002 TX ₃	2002 10 01	699	LONEOS	(90029)	2002 UY ₂₁	2002 10 30	608	NEAT
(89978)	2002 TA ₂₇	2002 10 02	704	LINEAR	(90030)	2002 UM ₂₂	2002 10 30	608	NEAT
(89979)	2002 TP ₂₇	2002 10 02	704	LINEAR	(90031)	2002 UH ₂₅	2002 10 30	608	NEAT

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(90033)	2002 UT ₃₁	2002 10 30	608	NEAT	(90085)	2002 VE ₁₁₈	2002 11 14	644	NEAT
(90034)	2002 UO ₃₂	2002 10 30	608	NEAT	(90086)	2002 VL ₁₃₅	2002 11 07	704	LINEAR
(90035)	2002 UQ ₃₄	2002 10 31	049	Uppsala-DLR Asteroid Survey	(90087)	2002 WS ₂	2002 11 23	644	NEAT
(90036)	2002 US ₃₇	2002 10 31	644	NEAT	(90088)	2002 WP ₆	2002 11 24	644	NEAT
(90037)	2002 UL ₄₁	2002 10 31	644	NEAT	(90089)	2002 WH ₁₂	2002 11 27	699	LONEOS
(90038)	2002 UY ₄₄	2002 10 31	704	LINEAR	(90090)	2002 WK ₁₄	2002 11 28	699	LONEOS
(90039)	2002 UN ₄₈	2002 10 31	704	LINEAR	(90091)	2002 XG ₂	2002 12 01	704	LINEAR
(90040)	2002 UN ₄₉	2002 10 31	704	LINEAR	(90092)	2002 XM ₄	2002 12 01	608	NEAT
(90041)	2002 VU	2002 11 01	608	NEAT	(90093)	2002 XS ₅	2002 12 01	704	LINEAR
(90042)	2002 VW ₁	2002 11 01	644	NEAT	(90094)	2002 XV ₅	2002 12 01	704	LINEAR
(90043)	2002 VD ₂	2002 11 02	291	Spacewatch	(90095)	2002 XB ₇	2002 12 02	704	LINEAR
(90044)	2002 VN ₂	2002 11 02	608	NEAT	(90096)	2002 XO ₉	2002 12 02	704	LINEAR
(90045)	2002 VC ₆	2002 11 04	644	NEAT	(90097)	2002 XU ₉	2002 12 02	704	LINEAR
(90046)	2002 VF ₁₂	2002 11 02	644	NEAT	(90098)	2002 XV ₉	2002 12 02	704	LINEAR
(90047)	2002 VT ₁₅	2002 11 05	704	LINEAR	(90099)	2002 XL ₁₀	2002 12 02	608	NEAT
(90048)	2002 VL ₁₆	2002 11 05	704	LINEAR	(90100)	2002 XP ₁₃	2002 12 03	644	NEAT
(90049)	2002 VM ₁₈	2002 11 02	608	NEAT	(90101)	2002 XG ₂₁	2002 12 02	704	LINEAR
(90050)	2002 VQ ₂₃	2002 11 05	704	LINEAR	(90102)	2002 XQ ₂₁	2002 12 02	704	LINEAR
(90051)	2002 VN ₂₅	2002 11 05	704	LINEAR	(90103)	2002 XK ₂₅	2002 12 05	704	LINEAR
(90052)	2002 VA ₂₇	2002 11 05	704	LINEAR	(90104)	2002 XE ₂₉	2002 12 05	291	Spacewatch
(90053)	2002 VL ₂₈	2002 11 05	699	LONEOS	(90105)	2002 XF ₃₃	2002 12 06	644	NEAT
(90054)	2002 VC ₃₁	2002 11 05	704	LINEAR	(90106)	2002 XY ₃₃	2002 12 05	704	LINEAR
(90055)	2002 VY ₃₆	2002 11 02	608	NEAT	(90107)	2002 XJ ₃₄	2002 12 05	704	LINEAR
(90056)	2002 VP ₃₈	2002 11 05	704	LINEAR	(90108)	2002 XB ₃₅	2002 12 06	644	NEAT
(90057)	2002 VH ₄₈	2002 11 05	704	LINEAR	(90109)	2002 XR ₃₉	2002 12 09	333	Yeung, W. K. Y.
(90058)	2002 VC ₅₄	2002 11 06	704	LINEAR	(90110)	2002 XH ₄₄	2002 12 06	704	LINEAR
(90059)	2002 VW ₅₆	2002 11 06	704	LINEAR	(90111)	2002 XJ ₄₄	2002 12 06	704	LINEAR
(90060)	2002 VR ₆₂	2002 11 05	699	LONEOS	(90112)	2002 XZ ₄₄	2002 12 07	291	Spacewatch
(90061)	2002 VK ₆₃	2002 11 06	699	LONEOS	(90113)	2002 XG ₅₂	2002 12 10	704	LINEAR
(90062)	2002 VQ ₆₄	2002 11 07	699	LONEOS	(90114)	2002 XU ₅₂	2002 12 10	704	LINEAR
(90063)	2002 VW ₆₄	2002 11 07	704	LINEAR	(90115)	2002 XJ ₅₄	2002 12 10	644	NEAT
(90064)	2002 VV ₆₅	2002 11 07	699	LONEOS	(90116)	2002 XY ₅₉	2002 12 10	704	LINEAR
(90065)	2002 VQ ₇₄	2002 11 07	704	LINEAR	(90117)	2002 XG ₆₀	2002 12 10	704	LINEAR
(90066)	2002 VF ₇₆	2002 11 07	704	LINEAR	(90118)	2002 XY ₆₀	2002 12 10	704	LINEAR
(90067)	2002 VS ₇₆	2002 11 07	704	LINEAR	(90119)	2002 XV ₆₅	2002 12 12	704	LINEAR
(90068)	2002 VV ₇₇	2002 11 07	704	LINEAR	(90120)	2002 XG ₇₁	2002 12 10	704	LINEAR
(90069)	2002 VK ₇₉	2002 11 07	704	LINEAR	(90121)	2002 XO ₇₂	2002 12 11	704	LINEAR
(90070)	2002 VN ₇₉	2002 11 07	704	LINEAR	(90122)	2002 XO ₇₃	2002 12 11	704	LINEAR
(90071)	2002 VJ ₈₁	2002 11 07	704	LINEAR	(90123)	2002 XO ₇₆	2002 12 11	704	LINEAR
(90072)	2002 VV ₈₁	2002 11 07	704	LINEAR	(90124)	2002 XJ ₈₀	2002 12 11	704	LINEAR
(90073)	2002 VH ₈₃	2002 11 07	704	LINEAR	(90125)	2002 XR ₈₀	2002 12 11	704	LINEAR
(90074)	2002 VK ₈₄	2002 11 07	704	LINEAR	(90126)	2002 XC ₈₁	2002 12 11	704	LINEAR
(90075)	2002 VU ₉₄	2002 11 13	644	NEAT	(90127)	2002 XE ₈₁	2002 12 11	704	LINEAR
(90076)	2002 VS ₉₅	2002 11 11	699	LONEOS	(90128)	2002 XL ₈₁	2002 12 11	704	LINEAR
(90077)	2002 VS ₉₆	2002 11 11	704	LINEAR	(90129)	2002 XQ ₈₁	2002 12 11	704	LINEAR
(90078)	2002 VX ₉₇	2002 11 12	704	LINEAR	(90130)	2002 XK ₈₂	2002 12 11	704	LINEAR
(90079)	2002 VN ₁₀₅	2002 11 12	704	LINEAR	(90131)	2002 XB ₈₅	2002 12 11	704	LINEAR
(90080)	2002 VW ₁₀₇	2002 11 12	704	LINEAR	(90132)	2002 XY ₈₅	2002 12 11	704	LINEAR
(90081)	2002 VS ₁₀₉	2002 11 12	704	LINEAR	(90133)	2002 XV ₈₆	2002 12 11	704	LINEAR
(90082)	2002 VO ₁₁₄	2002 11 13	644	NEAT	(90134)	2002 XZ ₉₅	2002 12 05	704	LINEAR
(90083)	2002 VB ₁₁₅	2002 11 11	699	LONEOS	(90135)	2002 XH ₁₀₅	2002 12 05	704	LINEAR

(90136)	2002 XO ₁₀₅	2002 12 05	704	LINEAR	(90188)	2003 AY ₃₈	2003 01 07	704	LINEAR
(90137)	2002 XK ₁₁₂	2002 12 06	704	LINEAR	(90189)	2003 AS ₄₀	2003 01 07	704	LINEAR
(90138)	2002 YD	2002 12 25	448	Stevens, B.	(90190)	2003 AB ₄₁	2003 01 07	704	LINEAR
(90139)	2002 YA ₁	2002 12 27	699	LONEOS	(90191)	2003 AC ₄₁	2003 01 07	704	LINEAR
(90140)	2002 YK ₂	2002 12 28	941	Pla D'Arguines	(90192)	2003 AZ ₄₁	2003 01 07	704	LINEAR
(90141)	2002 YO ₃	2002 12 28	699	LONEOS	(90193)	2003 AZ ₅₀	2003 01 05	704	LINEAR
(90142)	2002 YS ₅	2002 12 27	699	LONEOS	(90194)	2003 AP ₅₄	2003 01 05	704	LINEAR
(90143)	2002 YS ₆	2002 12 28	699	LONEOS	(90195)	2003 AQ ₅₄	2003 01 05	704	LINEAR
(90144)	2002 YX ₆	2002 12 28	704	LINEAR	(90196)	2003 AQ ₅₅	2003 01 05	704	LINEAR
(90145)	2002 YA ₉	2002 12 31	704	LINEAR	(90197)	2003 AW ₅₈	2003 01 05	704	LINEAR
(90146)	2002 YZ ₉	2002 12 31	704	LINEAR	(90198)	2003 AK ₅₉	2003 01 05	704	LINEAR
(90147)	2002 YK ₁₄	2002 12 31	704	LINEAR	(90199)	2003 AY ₆₂	2003 01 08	704	LINEAR
(90148)	2002 YL ₁₄	2002 12 31	704	LINEAR	(90200)	2003 AO ₆₃	2003 01 08	704	LINEAR
(90149)	2002 YX ₁₆	2002 12 31	704	LINEAR	(90201)	2003 AW ₆₄	2003 01 07	704	LINEAR
(90150)	2002 YP ₁₇	2002 12 31	704	LINEAR	(90202)	2003 AU ₆₅	2003 01 07	704	LINEAR
(90151)	2002 YQ ₂₀	2002 12 31	704	LINEAR	(90203)	2003 AY ₆₈	2003 01 09	704	LINEAR
(90152)	2002 YV ₂₀	2002 12 31	704	LINEAR	(90204)	2003 AV ₇₀	2003 01 10	704	LINEAR
(90153)	2002 YW ₂₃	2002 12 31	704	LINEAR	(90205)	2003 AV ₇₁	2003 01 06	735	Needville
(90154)	2002 YL ₂₄	2002 12 31	704	LINEAR	(90206)	2003 AO ₇₂	2003 01 11	704	LINEAR
(90155)	2002 YW ₂₅	2002 12 31	704	LINEAR	(90207)	2003 AB ₇₄	2003 01 10	704	LINEAR
(90156)	2002 YS ₂₉	2002 12 31	704	LINEAR	(90208)	2003 AP ₇₆	2003 01 10	704	LINEAR
(90157)	2002 YH ₃₀	2002 12 31	704	LINEAR	(90209)	2003 AM ₇₈	2003 01 10	704	LINEAR
(90158)	2002 YL ₃₀	2002 12 31	704	LINEAR	(90210)	2003 AT ₇₉	2003 01 11	704	LINEAR
(90159)	2002 YZ ₃₀	2002 12 31	704	LINEAR	(90211)	2003 AO ₈₀	2003 01 10	704	LINEAR
(90160)	2002 YB ₃₃	2002 12 29	704	LINEAR	(90212)	2003 AU ₈₀	2003 01 12	704	LINEAR
(90161)	2002 YM ₃₄	2002 12 31	704	LINEAR	(90213)	2003 AH ₈₁	2003 01 10	704	LINEAR
(90162)	2003 AO ₃	2003 01 01	704	LINEAR	(90214)	2003 AP ₈₁	2003 01 10	704	LINEAR
(90163)	2003 AS ₅	2003 01 01	704	LINEAR	(90215)	2003 AC ₈₂	2003 01 12	699	LONEOS
(90164)	2003 AD ₆	2003 01 01	704	LINEAR	(90216)	2003 AS ₈₅	2003 01 11	644	NEAT
(90165)	2003 AK ₆	2003 01 01	704	LINEAR	(90217)	2003 AH ₈₇	2003 01 01	704	LINEAR
(90166)	2003 AR ₆	2003 01 01	704	LINEAR	(90218)	2003 BC	2003 01 16	699	LONEOS
(90167)	2003 AK ₈	2003 01 03	460	Clingan, R.	(90219)	2003 BC ₂	2003 01 25	699	LONEOS
(90168)	2003 AM ₁₁	2003 01 01	704	LINEAR	(90220)	2003 BQ ₂	2003 01 26	608	NEAT
(90169)	2003 AF ₁₂	2003 01 01	704	LINEAR	(90221)	2003 BF ₈	2003 01 26	699	LONEOS
(90170)	2003 AY ₁₂	2003 01 01	704	LINEAR	(90222)	2003 BD ₁₁	2003 01 26	699	LONEOS
(90171)	2003 AC ₁₄	2003 01 01	704	LINEAR	(90223)	2003 BD ₁₃	2003 01 26	699	LONEOS
(90172)	2003 AM ₁₄	2003 01 02	704	LINEAR	(90224)	2003 BB ₁₄	2003 01 26	608	NEAT
(90173)	2003 AF ₁₇	2003 01 05	704	LINEAR	(90225)	2003 BH ₁₄	2003 01 26	608	NEAT
(90174)	2003 AK ₁₉	2003 01 05	704	LINEAR	(90226)	2003 BS ₁₅	2003 01 26	699	LONEOS
(90175)	2003 AY ₂₁	2003 01 05	704	LINEAR	(90227)	2003 BM ₁₉	2003 01 26	699	LONEOS
(90176)	2003 AK ₂₄	2003 01 04	704	LINEAR	(90228)	2003 BN ₁₉	2003 01 26	699	LONEOS
(90177)	2003 AK ₂₅	2003 01 04	704	LINEAR	(90229)	2003 BV ₂₀	2003 01 27	608	NEAT
(90178)	2003 AG ₂₇	2003 01 04	704	LINEAR	(90230)	2003 BO ₂₄	2003 01 25	644	NEAT
(90179)	2003 AE ₂₈	2003 01 04	704	LINEAR	(90231)	2003 BJ ₂₅	2003 01 25	644	NEAT
(90180)	2003 AT ₂₈	2003 01 04	704	LINEAR	(90232)	2003 BD ₂₇	2003 01 26	699	LONEOS
(90181)	2003 AS ₂₉	2003 01 04	704	LINEAR	(90233)	2003 BG ₂₇	2003 01 26	699	LONEOS
(90182)	2003 AY ₂₉	2003 01 04	704	LINEAR	(90234)	2003 BP ₃₃	2003 01 27	608	NEAT
(90183)	2003 AB ₃₁	2003 01 04	704	LINEAR	(90235)	2003 BF ₃₅	2003 01 27	704	LINEAR
(90184)	2003 AS ₃₃	2003 01 05	704	LINEAR	(90236)	2003 BL ₄₃	2003 01 27	704	LINEAR
(90185)	2003 AC ₃₆	2003 01 07	704	LINEAR	(90237)	2003 BR ₄₄	2003 01 27	704	LINEAR
(90186)	2003 AV ₃₆	2003 01 07	704	LINEAR	(90238)	2003 BZ ₄₄	2003 01 27	644	NEAT
(90187)	2003 AF ₃₇	2003 01 07	704	LINEAR	(90239)	2003 BF ₄₇	2003 01 29	644	NEAT

(90240)	2003 BH ₄₈	2003 01 27	704	LINEAR	(90292)	2003 EN ₂₁	2003 03 06	699	LONEOS
(90241)	2003 BG ₄₉	2003 01 26	608	NEAT	(90293)	2003 EH ₂₂	2003 03 06	704	LINEAR
(90242)	2003 BF ₅₂	2003 01 27	704	LINEAR	(90294)	2003 EX ₂₆	2003 03 06	699	LONEOS
(90243)	2003 BZ ₅₃	2003 01 27	704	LINEAR	(90295)	2003 ES ₂₈	2003 03 06	704	LINEAR
(90244)	2003 BA ₅₉	2003 01 27	704	LINEAR	(90296)	2003 EY ₂₉	2003 03 06	704	LINEAR
(90245)	2003 BD ₆₀	2003 01 27	704	LINEAR	(90297)	2003 EL ₃₁	2003 03 07	699	LONEOS
(90246)	2003 BP ₆₁	2003 01 27	608	NEAT	(90298)	2003 EA ₃₂	2003 03 07	704	LINEAR
(90247)	2003 BQ ₆₁	2003 01 27	608	NEAT	(90299)	2003 ED ₃₄	2003 03 07	704	LINEAR
(90248)	2003 BO ₆₃	2003 01 28	291	Spacewatch	(90300)	2003 EJ ₄₀	2003 03 08	704	LINEAR
(90249)	2003 BU ₆₃	2003 01 28	644	NEAT	(90301)	2003 EN ₄₅	2003 03 07	704	LINEAR
(90250)	2003 BY ₆₃	2003 01 28	291	Spacewatch	(90302)	2003 EJ ₄₈	2003 03 09	699	LONEOS
(90251)	2003 BA ₆₄	2003 01 28	608	NEAT	(90303)	2003 EL ₄₉	2003 03 10	699	LONEOS
(90252)	2003 BA ₆₆	2003 01 30	291	Spacewatch	(90304)	2003 EM ₅₃	2003 03 09	704	LINEAR
(90253)	2003 BT ₆₆	2003 01 30	699	LONEOS	(90305)	2003 FX	2003 03 21	644	NEAT
(90254)	2003 BN ₆₈	2003 01 28	704	LINEAR	(90306)	2003 FO ₄	2003 03 26	704	LINEAR
(90255)	2003 BM ₆₉	2003 01 30	699	LONEOS	(90307)	2003 FB ₁₀	2003 03 23	691	Spacewatch
(90256)	2003 BQ ₇₂	2003 01 28	704	LINEAR	(90308)	2003 FV ₁₄	2003 03 23	703	CSS
(90257)	2003 BS ₇₂	2003 01 28	644	NEAT	(90309)	2003 FZ ₁₅	2003 03 23	644	NEAT
(90258)	2003 BJ ₈₀	2003 01 31	699	LONEOS	(90310)	2003 FH ₁₆	2003 03 23	644	NEAT
(90259)	2003 BU ₈₁	2003 01 31	699	LONEOS	(90311)	2003 FM ₁₉	2003 03 25	644	NEAT
(90260)	2003 BC ₈₃	2003 01 31	704	LINEAR	(90312)	2003 FL ₂₂	2003 03 25	291	Spacewatch
(90261)	2003 BG ₈₃	2003 01 31	704	LINEAR	(90313)	2003 FY ₂₃	2003 03 23	691	Spacewatch
(90262)	2003 BH ₈₇	2003 01 26	291	Spacewatch	(90314)	2003 FL ₃₆	2003 03 23	691	Spacewatch
(90263)	2003 CO	2003 02 01	699	LONEOS	(90315)	2003 FK ₃₇	2003 03 23	691	Spacewatch
(90264)	2003 CC ₁	2003 02 01	704	LINEAR	(90316)	2003 FZ ₃₈	2003 03 23	608	NEAT
(90265)	2003 CL ₅	2003 02 01	704	LINEAR	(90317)	2003 FZ ₄₂	2003 03 23	703	CSS
(90266)	2003 CM ₅	2003 02 01	704	LINEAR	(90318)	2003 FO ₄₉	2003 03 24	608	NEAT
(90267)	2003 CW ₆	2003 02 01	704	LINEAR	(90319)	2003 FO ₅₀	2003 03 25	644	NEAT
(90268)	2003 CT ₈	2003 02 01	608	NEAT	(90320)	2003 FK ₆₃	2003 03 26	644	NEAT
(90269)	2003 CD ₉	2003 02 02	704	LINEAR	(90321)	2003 FZ ₆₇	2003 03 26	691	Spacewatch
(90270)	2003 CX ₉	2003 02 02	704	LINEAR	(90322)	2003 FR ₇₀	2003 03 26	691	Spacewatch
(90271)	2003 CD ₁₀	2003 02 02	608	NEAT	(90323)	2003 FV ₇₂	2003 03 26	644	NEAT
(90272)	2003 CM ₁₆	2003 02 07	333	Yeung, W. K. Y.	(90324)	2003 FL ₇₄	2003 03 26	644	NEAT
(90273)	2003 CC ₁₉	2003 02 08	699	LONEOS	(90325)	2003 FW ₇₆	2003 03 27	644	NEAT
(90274)	2003 CH ₂₀	2003 02 09	644	NEAT	(90326)	2003 FA ₇₉	2003 03 27	691	Spacewatch
(90275)	2003 DM	2003 02 19	608	NEAT	(90327)	2003 FO ₈₃	2003 03 27	644	NEAT
(90276)	2003 DE ₂	2003 02 22	333	Yeung, W. K. Y.	(90328)	2003 FQ ₈₅	2003 03 28	703	CSS
(90277)	2003 DS ₇	2003 02 22	644	NEAT	(90329)	2003 FY ₈₇	2003 03 28	691	Spacewatch
(90278)	2003 DH ₉	2003 02 24	599	CINEOS	(90330)	2003 FT ₉₀	2003 03 29	699	LONEOS
(90279)	2003 DL ₁₀	2003 02 26	246	Klet	(90331)	2003 FT ₉₁	2003 03 29	699	LONEOS
(90280)	2003 DY ₁₀	2003 02 26	704	LINEAR	(90332)	2003 FH ₉₂	2003 03 29	699	LONEOS
(90281)	2003 DQ ₁₅	2003 02 27	608	NEAT	(90333)	2003 FW ₉₂	2003 03 29	699	LONEOS
(90282)	2003 DS ₂₀	2003 02 22	644	NEAT	(90334)	2003 FC ₉₄	2003 03 29	704	LINEAR
(90283)	2003 DH ₂₂	2003 02 28	704	LINEAR	(90335)	2003 FD ₉₆	2003 03 30	699	LONEOS
(90284)	2003 EO ₈	2003 03 06	699	LONEOS	(90336)	2003 FP ₉₇	2003 03 30	291	Spacewatch
(90285)	2003 EV ₉	2003 03 06	699	LONEOS	(90337)	2003 FQ ₉₇	2003 03 30	699	LONEOS
(90286)	2003 EB ₁₁	2003 03 06	704	LINEAR	(90338)	2003 FH ₁₀₂	2003 03 31	699	LONEOS
(90287)	2003 EV ₁₂	2003 03 06	704	LINEAR	(90339)	2003 FF ₁₀₄	2003 03 25	291	Spacewatch
(90288)	2003 ET ₁₇	2003 03 06	209	Asiago-DLR Asteroid Survey	(90340)	2003 FQ ₁₀₆	2003 03 27	699	LONEOS
(90289)	2003 EB ₂₀	2003 03 06	699	LONEOS	(90341)	2003 GT ₅	2003 04 01	704	LINEAR
(90290)	2003 EX ₂₀	2003 03 06	699	LONEOS	(90342)	2003 GQ ₆	2003 04 02	608	NEAT
(90291)	2003 EL ₂₁	2003 03 06	699	LONEOS	(90343)	2003 GO ₈	2003 04 03	699	LONEOS

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(90345)	2003 GC ₁₄	2003 04 01	704	LINEAR	(90397)	2003 YW ₄	2003 12 16	703	CSS
(90346)	2003 GP ₁₅	2003 04 03	699	LONEOS	(90398)	2003 YA ₁₆	2003 12 17	699	LONEOS
(90347)	2003 GF ₃₅	2003 04 08	704	LINEAR	(90399)	2003 YN ₁₆	2003 12 17	644	NEAT
(90348)	2003 GA ₃₆	2003 04 05	699	LONEOS	(90400)	2003 YS ₂₆	2003 12 18	691	Spacewatch
(90349)	2003 GV ₃₉	2003 04 08	704	LINEAR	(90401)	2003 YJ ₄₃	2003 12 19	704	LINEAR
(90350)	2003 GO ₄₂	2003 04 06	699	LONEOS	(90402)	2003 YW ₄₃	2003 12 19	704	LINEAR
(90351)	2003 GW ₄₂	2003 04 09	644	NEAT	(90403)	2003 YE ₄₅	2003 12 21	703	CSS
(90352)	2003 GK ₄₉	2003 04 08	704	LINEAR	(90404)	2003 YO ₅₃	2003 12 19	704	LINEAR
(90353)	2003 GC ₅₀	2003 04 07	704	LINEAR	(90405)	2003 YW ₅₃	2003 12 19	704	LINEAR
(90354)	2003 GD ₅₀	2003 04 07	704	LINEAR	(90406)	2003 YW ₆₁	2003 12 19	704	LINEAR
(90355)	2003 HC ₁₂	2003 04 25	699	LONEOS	(90407)	2003 YB ₇₃	2003 12 18	704	LINEAR
(90356)	2003 HW ₁₂	2003 04 24	691	Spacewatch	(90408)	2003 YG ₇₉	2003 12 18	704	LINEAR
(90357)	2003 HC ₂₀	2003 04 26	608	NEAT	(90409)	2003 YT ₈₀	2003 12 18	704	LINEAR
(90358)	2003 HP ₂₆	2003 04 27	704	LINEAR	(90410)	2003 YS ₈₄	2003 12 19	691	Spacewatch
(90359)	2003 HY ₃₁	2003 04 28	704	LINEAR	(90411)	2003 YH ₈₅	2003 12 19	704	LINEAR
(90360)	2003 HJ ₄₃	2003 04 29	704	LINEAR	(90412)	2003 YY ₉₀	2003 12 20	704	LINEAR
(90361)	2003 HY ₄₈	2003 04 30	704	LINEAR	(90413)	2003 YD ₉₈	2003 12 19	704	LINEAR
(90362)	2003 HZ ₅₁	2003 04 30	691	Spacewatch	(90414)	2003 YP ₁₁₀	2003 12 19	941	Ferrand, R.
(90363)	2003 HH ₅₂	2003 04 30	608	NEAT	(90415)	2003 YU ₁₁₃	2003 12 23	704	LINEAR
(90364)	2003 JS ₇	2003 05 02	704	LINEAR	(90416)	2003 YK ₁₁₈	2003 12 28	704	LINEAR
(90365)	2003 JL ₁₀	2003 05 02	704	LINEAR	(90417)	2003 YF ₁₃₇	2003 12 27	291	Spacewatch
(90366)	2003 JJ ₁₃	2003 05 05	699	LONEOS	(90418)	2003 YJ ₁₃₇	2003 12 27	691	Spacewatch
(90367)	2003 LC ₅	2003 06 06	704	LINEAR	(90419)	2003 YA ₁₃₈	2003 12 27	704	LINEAR
(90368)	2003 MG	2003 06 19	428	Broughton, J.	(90420)	2003 YX ₁₃₈	2003 12 27	691	Spacewatch
(90369)	2003 MN ₁	2003 06 23	704	LINEAR	(90421)	2003 YD ₁₃₉	2003 12 27	608	NEAT
(90370)	2003 NY ₅	2003 07 07	461	Piszkéstető	(90422)	2003 YJ ₁₄₂	2003 12 28	704	LINEAR
(90371)	2003 PV ₇	2003 08 02	608	NEAT	(90423)	2003 YH ₁₄₉	2003 12 29	704	LINEAR
(90372)	2003 QR ₈₈	2003 08 25	704	LINEAR	(90424)	2003 YB ₁₅₂	2003 12 29	704	LINEAR
(90373)	2003 SZ ₂₁₉	2003 09 28	704	LINEAR	(90425)	2004 AK ₂	2004 01 13	699	LONEOS
(90374)	2003 UO ₆₀	2003 10 17	699	LONEOS	(90426)	2004 AL ₃	2004 01 13	699	LONEOS
(90375)	2003 UX ₂₅₇	2003 10 25	704	LINEAR	(90427)	2004 BS ₁	2004 01 16	644	NEAT
(90376)	2003 VL	2003 11 05	461	Piszkéstető	(90428)	2004 BL ₃₀	2004 01 18	644	NEAT
(90377)	2003 VB ₁₂	2003 11 14	675	Brown, M. E., <i>et al.</i>	(90429)	2004 BW ₃₇	2004 01 19	703	CSS
(90378)	2003 WL ₂₃	2003 11 18	691	Spacewatch	(90430)	2004 BM ₄₄	2004 01 22	704	LINEAR
(90379)	2003 WO ₅₆	2003 11 20	691	Spacewatch	(90431)	2004 BY ₅₅	2004 01 23	699	LONEOS
(90380)	2003 WX ₆₈	2003 11 19	691	Spacewatch	(90432)	2004 BG ₅₆	2004 01 23	699	LONEOS
(90381)	2003 WA ₆₉	2003 11 19	691	Spacewatch	(90433)	2004 BD ₆₂	2004 01 22	704	LINEAR
(90382)	2003 WL ₇₃	2003 11 20	704	LINEAR	(90434)	2004 BF ₆₉	2004 01 20	446	McClusky, J. V.
(90383)	2003 WN ₈₉	2003 11 16	703	CSS	(90435)	2004 BD ₇₄	2004 01 24	704	LINEAR
(90384)	2003 WV ₁₁₂	2003 11 20	704	LINEAR	(90436)	2004 BH ₈₁	2004 01 26	699	LONEOS
(90385)	2003 WU ₁₂₁	2003 11 20	704	LINEAR	(90437)	2004 BW ₈₂	2004 01 23	704	LINEAR
(90386)	2003 WO ₁₂₆	2003 11 20	704	LINEAR	(90438)	2004 BP ₈₃	2004 01 22	608	NEAT
(90387)	2003 WY ₁₄₀	2003 11 21	704	LINEAR	(90439)	2004 BS ₈₃	2004 01 23	704	LINEAR
(90388)	2003 WY ₁₅₂	2003 11 24	703	CSS	(90440)	2004 BV ₈₃	2004 01 23	704	LINEAR
(90389)	2003 WQ ₁₅₃	2003 11 28	699	LONEOS	(90441)	2004 BC ₈₇	2004 01 22	704	LINEAR
(90390)	2003 XH ₅	2003 12 01	691	Spacewatch	(90442)	2004 BR ₈₉	2004 01 23	704	LINEAR
(90391)	2003 XM ₇	2003 12 01	704	LINEAR	(90443)	2004 BS ₉₀	2004 01 24	704	LINEAR
(90392)	2003 XB ₁₂	2003 12 14	704	LINEAR	(90444)	2004 BQ ₉₅	2004 01 28	704	LINEAR
(90393)	2003 XD ₁₄	2003 12 15	704	LINEAR	(90445)	2004 BY ₁₀₁	2004 01 29	704	LINEAR
(90394)	2003 XK ₁₄	2003 12 15	704	LINEAR	(90446)	2004 BL ₁₀₇	2004 01 28	703	CSS
(90395)	2003 XD ₁₅	2003 12 01	704	LINEAR	(90447)	2004 BB ₁₀₉	2004 01 28	703	CSS

(90448)	2004 BB ₁₁₄	2004 01 29	704	LINEAR	(90500)	2004 EG ₄	2004 03 11	644	NEAT
(90449)	2004 BR ₁₁₆	2004 01 27	703	CSS	(90501)	2004 EM ₄	2004 03 11	644	NEAT
(90450)	2004 BR ₁₁₇	2004 01 28	703	CSS	(90502)	2004 EM ₇	2004 03 12	644	NEAT
(90451)	2004 BK ₁₂₂	2004 01 31	704	LINEAR	(90503)	2004 EP ₁₀	2004 03 15	703	CSS
(90452)	2004 BO ₁₂₂	2004 01 29	704	LINEAR	(90504)	2004 EC ₁₄	2004 03 11	644	NEAT
(90453)	2004 CM	2004 02 06	926	Schwartz, M., Holvorcem, P. R.	(90505)	2004 EM ₁₆	2004 03 12	850	Cordell-Lorenz
(90454)	2004 CV	2004 02 10	333	Yeung, W. K. Y.	(90506)	2004 EU ₁₇	2004 03 12	644	NEAT
(90455)	2004 CU ₂	2004 02 12	683	Tucker, R. A.	(90507)	2004 EY ₁₇	2004 03 12	644	NEAT
(90456)	2004 CV ₂	2004 02 13	683	Tucker, R. A.	(90508)	2004 EE ₁₈	2004 03 12	644	NEAT
(90457)	2004 CY ₇	2004 02 10	644	NEAT	(90509)	2004 EN ₁₈	2004 03 13	644	NEAT
(90458)	2004 CM ₁₁	2004 02 11	644	NEAT	(90510)	2004 EW ₂₀	2004 03 15	704	LINEAR
(90459)	2004 CQ ₁₆	2004 02 11	644	NEAT	(90511)	2004 EZ ₃₁	2004 03 14	644	NEAT
(90460)	2004 CD ₃₅	2004 02 13	644	NEAT	(90512)	2004 EF ₃₇	2004 03 13	644	NEAT
(90461)	2004 CS ₃₅	2004 02 11	703	CSS	(90513)	2004 EZ ₃₇	2004 03 14	644	NEAT
(90462)	2004 CA ₃₆	2004 02 11	644	NEAT	(90514)	2004 EU ₄₂	2004 03 15	704	LINEAR
(90463)	2004 CS ₃₉	2004 02 14	715	Dixon, D. S.	(90515)	2004 ES ₅₆	2004 03 14	644	NEAT
(90464)	2004 CA ₄₂	2004 02 10	644	NEAT	(90516)	2004 EO ₅₉	2004 03 15	644	NEAT
(90465)	2004 CT ₄₉	2004 02 11	691	Spacewatch	(90517)	2004 EF ₆₀	2004 03 15	644	NEAT
(90466)	2004 CG ₈₀	2004 02 11	644	NEAT	(90518)	2004 EL ₆₀	2004 03 15	644	NEAT
(90467)	2004 CU ₉₁	2004 02 13	644	NEAT	(90519)	2004 EA ₆₄	2004 03 13	644	NEAT
(90468)	2004 CV ₉₁	2004 02 14	704	LINEAR	(90520)	2004 EZ ₆₅	2004 03 14	704	LINEAR
(90469)	2004 CY ₉₄	2004 02 12	644	NEAT	(90521)	2004 EK ₆₆	2004 03 14	704	LINEAR
(90470)	2004 CH ₉₇	2004 02 13	644	NEAT	(90522)	2004 EA ₇₄	2004 03 15	704	LINEAR
(90471)	2004 CF ₉₈	2004 02 14	703	CSS	(90523)	2004 EX ₇₉	2004 03 12	644	NEAT
(90472)	2004 CT ₉₉	2004 02 15	703	CSS	(90524)	2004 EV ₉₂	2004 03 15	704	LINEAR
(90473)	2004 CT ₁₀₂	2004 02 12	644	NEAT	(90525)	2004 FB ₂	2004 03 17	673	Young, J. W.
(90474)	2004 CU ₁₀₄	2004 02 13	644	NEAT	(90526)	2004 FQ ₁₁	2004 03 16	703	CSS
(90475)	2004 CC ₁₀₅	2004 02 13	644	NEAT	(90527)	2004 FB ₁₅	2004 03 16	691	Spacewatch
(90476)	2004 CE ₁₀₅	2004 02 13	644	NEAT	(90528)	2004 FE ₁₉	2004 03 16	703	CSS
(90477)	2004 CH ₁₀₆	2004 02 14	644	NEAT	(90529)	2004 FN ₁₉	2004 03 16	704	LINEAR
(90478)	2004 CX ₁₀₈	2004 02 15	644	NEAT	(90530)	2004 FX ₂₀	2004 03 16	704	LINEAR
(90479)	2004 CC ₁₀₉	2004 02 15	703	CSS	(90531)	2004 FY ₂₅	2004 03 17	704	LINEAR
(90480)	2004 CG ₁₀₉	2004 02 15	703	CSS	(90532)	2004 FC ₂₈	2004 03 17	704	LINEAR
(90481)	2004 DA	2004 02 16	735	Dillon, W. G., Wells, D.	(90533)	2004 FB ₂₉	2004 03 28	224	Ottmarsheim
(90482)	2004 DW	2004 02 17	675	Brown, M., Trujillo, C.	(90534)	2004 FW ₃₉	2004 03 18	691	Spacewatch
(90483)	2004 DM ₄	2004 02 16	691	Spacewatch	(90535)	2004 FC ₄₂	2004 03 17	703	CSS
(90484)	2004 DU ₆	2004 02 16	691	Spacewatch	(90536)	2004 FU ₄₅	2004 03 16	691	Spacewatch
(90485)	2004 DY ₆	2004 02 16	691	Spacewatch	(90537)	2004 FU ₄₆	2004 03 17	703	CSS
(90486)	2004 DL ₁₂	2004 02 17	608	NEAT	(90538)	2004 FE ₆₅	2004 03 19	704	LINEAR
(90487)	2004 DW ₁₂	2004 02 16	703	CSS	(90539)	2004 FH ₆₈	2004 03 20	704	LINEAR
(90488)	2004 DX ₁₂	2004 02 16	703	CSS	(90540)	2004 FH ₉₂	2004 03 17	704	LINEAR
(90489)	2004 DH ₁₉	2004 02 17	704	LINEAR	(90541)	2004 FD ₉₃	2004 03 19	704	LINEAR
(90490)	2004 DU ₂₀	2004 02 17	704	LINEAR	(90542)	2004 FG ₉₄	2004 03 22	704	LINEAR
(90491)	2004 DW ₂₂	2004 02 18	704	LINEAR	(90543)	2004 FO ₉₄	2004 03 18	644	NEAT
(90492)	2004 DQ ₃₄	2004 02 19	704	LINEAR	(90544)	2004 FW ₉₅	2004 03 23	704	LINEAR
(90493)	2004 DM ₃₇	2004 02 19	704	LINEAR	(90545)	2004 FG ₉₇	2004 03 23	704	LINEAR
(90494)	2004 DY ₄₀	2004 02 18	704	LINEAR	(90546)	2004 FW ₁₀₉	2004 03 24	699	LONEOS
(90495)	2004 DW ₄₃	2004 02 23	704	LINEAR	(90547)	2004 FY ₁₀₉	2004 03 24	699	LONEOS
(90496)	2004 DH ₄₈	2004 02 19	704	LINEAR	(90548)	2004 FD ₁₁₀	2004 03 24	699	LONEOS
(90497)	2004 DH ₅₉	2004 02 23	704	LINEAR	(90549)	2004 FP ₁₁₀	2004 03 25	699	LONEOS
(90498)	2004 DC ₇₁	2004 02 17	704	LINEAR	(90550)	2004 FS ₁₁₆	2004 03 23	704	LINEAR
(90499)	2004 EC ₂	2004 03 12	644	NEAT	(90551)	2004 FR ₁₂₁	2004 03 23	704	LINEAR

(90552)	2004 FM ₁₂₄	2004 03 27	704	LINEAR	(90604)	4813 P-L	1960 09 24	675	van Houten & Gehrels
(90553)	2004 FQ ₁₂₆	2004 03 27	704	LINEAR	(90605)	4814 P-L	1960 09 24	675	van Houten & Gehrels
(90554)	2004 FE ₁₂₉	2004 03 28	704	LINEAR	(90606)	4879 P-L	1960 09 26	675	van Houten & Gehrels
(90555)	2004 FM ₁₃₁	2004 03 22	699	LONEOS	(90607)	4918 P-L	1960 09 24	675	van Houten & Gehrels
(90556)	2004 FO ₁₃₈	2004 03 16	704	LINEAR	(90608)	5020 P-L	1960 10 17	675	van Houten & Gehrels
(90557)	2004 FK ₁₄₁	2004 03 27	704	LINEAR	(90609)	5027 P-L	1960 10 17	675	van Houten & Gehrels
(90558)	2004 FV ₁₄₂	2004 03 27	699	LONEOS	(90610)	6098 P-L	1960 09 24	675	van Houten & Gehrels
(90559)	2004 FW ₁₄₂	2004 03 27	704	LINEAR	(90611)	6100 P-L	1960 09 24	675	van Houten & Gehrels
(90560)	2004 FY ₁₄₂	2004 03 27	704	LINEAR	(90612)	6132 P-L	1960 09 24	675	van Houten & Gehrels
(90561)	2004 FQ ₁₄₃	2004 03 28	704	LINEAR	(90613)	6187 P-L	1960 09 24	675	van Houten & Gehrels
(90562)	2004 FR ₁₄₃	2004 03 28	704	LINEAR	(90614)	6646 P-L	1960 09 26	675	van Houten & Gehrels
(90563)	2004 FL ₁₄₇	2004 03 29	704	LINEAR	(90615)	6762 P-L	1960 09 24	675	van Houten & Gehrels
(90564)	2004 GJ ₂	2004 04 12	E12	Siding Spring Survey	(90616)	6835 P-L	1960 09 24	675	van Houten & Gehrels
(90565)	2004 GA ₃	2004 04 09	644	NEAT	(90617)	9589 P-L	1960 10 17	675	van Houten & Gehrels
(90566)	2004 GS ₅	2004 04 11	644	NEAT	(90618)	1072 T-1	1971 03 25	675	van Houten & Gehrels
(90567)	2004 GC ₉	2004 04 12	699	LONEOS	(90619)	1227 T-1	1971 03 25	675	van Houten & Gehrels
(90568)	2004 GV ₉	2004 04 13	644	NEAT	(90620)	4342 T-1	1971 03 26	675	van Houten & Gehrels
(90569)	2004 GY ₁₄	2004 04 14	735	Needville	(90621)	1007 T-2	1973 09 29	675	van Houten & Gehrels
(90570)	2004 GO ₁₅	2004 04 14	704	LINEAR	(90622)	1155 T-2	1973 09 29	675	van Houten & Gehrels
(90571)	2004 GQ ₁₅	2004 04 14	704	LINEAR	(90623)	1202 T-2	1973 09 29	675	van Houten & Gehrels
(90572)	2004 GN ₁₇	2004 04 11	644	NEAT	(90624)	1270 T-2	1973 09 29	675	van Houten & Gehrels
(90573)	2004 GH ₁₈	2004 04 12	703	CSS	(90625)	1336 T-2	1973 09 29	675	van Houten & Gehrels
(90574)	2004 GS ₂₁	2004 04 11	644	NEAT	(90626)	1483 T-2	1973 09 29	675	van Houten & Gehrels
(90575)	2004 GE ₂₃	2004 04 12	691	Spacewatch	(90627)	2090 T-2	1973 09 29	675	van Houten & Gehrels
(90576)	2004 GA ₂₉	2004 04 10	703	CSS	(90628)	2135 T-2	1973 09 29	675	van Houten & Gehrels
(90577)	2004 GK ₃₃	2004 04 12	644	NEAT	(90629)	2149 T-2	1973 09 29	675	van Houten & Gehrels
(90578)	2004 GM ₃₆	2004 04 13	644	NEAT	(90630)	2159 T-2	1973 09 29	675	van Houten & Gehrels
(90579)	2004 GF ₃₉	2004 04 15	703	CSS	(90631)	2213 T-2	1973 09 29	675	van Houten & Gehrels
(90580)	2004 GE ₇₃	2004 04 15	699	LONEOS	(90632)	2259 T-2	1973 09 29	675	van Houten & Gehrels
(90581)	2004 HJ ₆	2004 04 17	704	LINEAR	(90633)	3040 T-2	1973 09 30	675	van Houten & Gehrels
(90582)	2004 HU ₂₈	2004 04 20	704	LINEAR	(90634)	3046 T-2	1973 09 30	675	van Houten & Gehrels
(90583)	2004 HW ₅₂	2004 04 24	608	NEAT	(90635)	3068 T-2	1973 09 30	675	van Houten & Gehrels
(90584)	2030 P-L	1960 09 24	675	van Houten & Gehrels	(90636)	3250 T-2	1973 09 30	675	van Houten & Gehrels
(90585)	2032 P-L	1960 09 24	675	van Houten & Gehrels	(90637)	3340 T-2	1973 09 25	675	van Houten & Gehrels
(90586)	2035 P-L	1960 09 24	675	van Houten & Gehrels	(90638)	4048 T-2	1973 09 29	675	van Houten & Gehrels
(90587)	2182 P-L	1960 09 24	675	van Houten & Gehrels	(90639)	4151 T-2	1973 09 29	675	van Houten & Gehrels
(90588)	2209 P-L	1960 09 24	675	van Houten & Gehrels	(90640)	4500 T-2	1973 09 30	675	van Houten & Gehrels
(90589)	2587 P-L	1960 09 24	675	van Houten & Gehrels	(90641)	4570 T-2	1973 09 30	675	van Houten & Gehrels
(90590)	2624 P-L	1960 09 24	675	van Houten & Gehrels	(90642)	5093 T-2	1973 09 25	675	van Houten & Gehrels
(90591)	2659 P-L	1960 09 24	675	van Houten & Gehrels	(90643)	5166 T-2	1973 09 25	675	van Houten & Gehrels
(90592)	2801 P-L	1960 09 24	675	van Houten & Gehrels	(90644)	5483 T-2	1973 09 30	675	van Houten & Gehrels
(90593)	3003 P-L	1960 09 24	675	van Houten & Gehrels	(90645)	1004 T-3	1977 10 16	675	van Houten & Gehrels
(90594)	3563 P-L	1960 10 17	675	van Houten & Gehrels	(90646)	1008 T-3	1977 10 17	675	van Houten & Gehrels
(90595)	4033 P-L	1960 09 24	675	van Houten & Gehrels	(90647)	1016 T-3	1977 10 17	675	van Houten & Gehrels
(90596)	4229 P-L	1960 09 24	675	van Houten & Gehrels	(90648)	1030 T-3	1977 10 17	675	van Houten & Gehrels
(90597)	4248 P-L	1960 09 24	675	van Houten & Gehrels	(90649)	1041 T-3	1977 10 17	675	van Houten & Gehrels
(90598)	4253 P-L	1960 09 24	675	van Houten & Gehrels	(90650)	1112 T-3	1977 10 17	675	van Houten & Gehrels
(90599)	4542 P-L	1960 09 24	675	van Houten & Gehrels	(90651)	1219 T-3	1977 10 17	675	van Houten & Gehrels
(90600)	4560 P-L	1960 09 24	675	van Houten & Gehrels	(90652)	1224 T-3	1977 10 17	675	van Houten & Gehrels
(90601)	4718 P-L	1960 09 24	675	van Houten & Gehrels	(90653)	1904 T-3	1977 10 17	675	van Houten & Gehrels
(90602)	4757 P-L	1960 09 24	675	van Houten & Gehrels	(90654)	2067 T-3	1977 10 16	675	van Houten & Gehrels
(90603)	4760 P-L	1960 09 24	675	van Houten & Gehrels	(90655)	2144 T-3	1977 10 16	675	van Houten & Gehrels

(90656)	2399 T-3	1977 10 16	675	van Houten & Gehrels
(90657)	2414 T-3	1977 10 16	675	van Houten & Gehrels
(90658)	2455 T-3	1977 10 16	675	van Houten & Gehrels
(90659)	3175 T-3	1977 10 16	675	van Houten & Gehrels
(90660)	3314 T-3	1977 10 16	675	van Houten & Gehrels
(90661)	3853 T-3	1977 10 16	675	van Houten & Gehrels
(90662)	4087 T-3	1977 10 16	675	van Houten & Gehrels
(90663)	4257 T-3	1977 10 16	675	van Houten & Gehrels
(90664)	4283 T-3	1977 10 16	675	van Houten & Gehrels
(90665)	4299 T-3	1977 10 16	675	van Houten & Gehrels
(90666)	4374 T-3	1977 10 16	675	van Houten & Gehrels
(90667)	5011 T-3	1977 10 16	675	van Houten & Gehrels
(90668)	5075 T-3	1977 10 16	675	van Houten & Gehrels
(90669)	5181 T-3	1977 10 16	675	van Houten & Gehrels
(90670)	5183 T-3	1977 10 16	675	van Houten & Gehrels
(90671)	5728 T-3	1977 10 16	675	van Houten & Gehrels

Orbital elements for the newly-numbered objects listed above at the current 200-day standard epoch (2004 July 14 TT):

Object	<i>H</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	<i>a</i>	<i>MPO</i>
(85118)	15.5	290.21321	140.16463	219.70047	2.19353	0.3870180	2.6074666	62581
(85119)	16.1	294.73698	62.74387	351.89646	19.82408	0.1437547	1.9212778	62581
(85120)	15.8	359.28095	141.41772	196.49199	9.26353	0.2003037	2.5838509	62581
(85121)	16.1	11.59867	253.58238	345.12078	6.03936	0.0765192	2.3025559	62582
(85122)	14.2	266.05597	127.65024	212.63353	16.06013	0.1112419	3.1245049	62582
(85123)	16.4	282.37196	164.11497	243.70330	6.28409	0.1190453	2.2218005	62582
(85124)	16.4	243.23726	307.07088	61.67404	7.67517	0.1553472	2.2582724	62583
(85125)	15.7	131.67588	352.81476	82.36462	2.45258	0.2037779	2.5283505	62583
(85126)	16.0	41.17619	2.37971	70.73776	8.68386	0.1698079	2.5988131	62583
(85127)	14.8	243.00621	303.62434	71.68606	6.48973	0.0960936	2.7733332	62584
(85128)	13.3	250.48933	155.72913	49.07231	24.73770	0.1848040	2.4263175	62584
(85129)	16.4	318.69520	203.10280	177.11534	4.54794	0.2490834	2.3271748	62585
(85130)	16.0	224.63382	53.87040	265.64823	2.59714	0.0855272	2.6893684	62585
(85131)	15.1	27.35718	305.64608	280.18624	10.70872	0.0633602	2.6208737	62585
(85132)	16.5	290.73769	36.67075	280.00520	7.82352	0.1407506	2.3701900	62585
(85133)	15.4	325.90286	82.49500	279.06342	7.55087	0.1816413	2.5784192	62586
(85134)	16.8	10.14991	103.07562	185.09790	2.11790	0.2060068	2.3342072	62586
(85135)	16.1	286.56086	199.95929	149.97226	6.48619	0.2096694	2.3663144	62586
(85136)	15.7	335.15263	316.15991	335.91086	2.90010	0.1961655	2.3612335	62587
(85137)	15.0	255.05114	140.72926	296.77717	9.86091	0.0755379	3.0239499	62587
(85138)	15.0	337.33597	53.08007	217.58347	13.69353	0.0981034	3.1679119	62588
(85139)	16.4	57.04770	241.92430	338.84727	7.12568	0.1997993	2.4080503	62588
(85140)	16.6	250.55947	229.16202	352.05107	5.13764	0.0361942	2.2706658	62588
(85141)	14.6	24.00564	271.58672	357.30640	24.94659	0.2426033	3.1186121	62588
(85142)	14.8	324.23422	291.94452	272.99243	4.97995	0.1955241	3.9923369	62589
(85143)	15.3	12.44260	64.27459	240.20997	7.63912	0.1991627	2.3873308	62589
(85144)	15.0	15.97181	3.35738	340.99324	6.53114	0.1337429	2.3465588	62589
(85145)	15.2	313.54473	67.80980	306.82627	6.26857	0.1314289	2.3597495	62590
(85146)	16.6	22.89273	22.80567	209.97472	6.78896	0.1764391	2.4247462	62590
(85147)	14.7	5.56032	236.29366	321.14385	4.02151	0.1127304	3.2186720	62590
(85148)	16.7	4.26326	285.74515	317.81738	2.92915	0.1282495	2.4278724	62591
(85149)	14.8	280.04246	83.22311	325.10035	15.39514	0.1794742	2.6365301	62591

(85150)	15.4	322.39107	102.34532	145.53811	1.86600	0.1415063	3.2197855	62592
(85151)	15.4	356.78775	29.47119	322.11130	3.95307	0.1822333	2.5855592	62592
(85152)	15.6	12.30711	105.53630	186.96652	10.64106	0.1819652	2.4379117	62592
(85153)	15.2	331.82617	226.14134	131.93961	12.01876	0.3008460	2.4543076	62592
(85154)	14.6	316.72839	20.61995	350.35719	10.79191	0.2966531	2.3697485	62593
(85155)	15.6	333.40251	23.00673	18.90116	2.43981	0.2142093	2.3444891	62593
(85156)	15.0	241.14672	221.30535	149.28159	2.49246	0.2400908	2.7444145	62594
(85157)	16.0	305.72406	52.63908	4.07582	6.20252	0.2267498	2.2639535	62594
(85158)	15.8	302.27718	42.24009	297.99762	6.02353	0.3167173	2.2999318	62595
(85159)	13.9	241.67574	187.74661	253.03495	8.24037	0.1233307	2.7985443	62595
(85160)	15.1	336.84115	31.59023	280.82187	3.15174	0.2172856	2.5571687	62596
(85161)	16.3	316.81711	217.32204	91.88372	6.39660	0.2102153	2.2137997	62596
(85162)	14.1	274.20535	307.71886	162.69705	3.16736	0.1834697	3.9501102	62596
(85163)	13.4	333.67710	236.15924	176.30637	8.29108	0.2122752	3.9321825	62596
(85164)	13.9	144.75487	39.66559	7.37319	12.36243	0.1915433	2.7450717	62597
(85165)	15.2	307.54105	110.06580	273.87537	4.30896	0.3602510	2.5582675	62597
(85166)	15.3	12.50730	326.83560	307.15515	7.98992	0.2961153	2.3959606	62598
(85167)	15.0	305.27840	34.48930	353.55645	8.87689	0.2316772	2.4271010	62598
(85168)	14.6	216.54399	87.21520	277.62467	20.58452	0.2531221	3.1863046	62598
(85169)	14.7	203.30235	237.71363	175.39994	14.56670	0.2372279	3.1595899	62599
(85170)	16.1	343.33931	273.47118	71.17868	2.32340	0.1767929	2.4342984	62599
(85171)	14.8	185.37533	304.82060	35.77141	15.13352	0.1742040	2.6419859	62599
(85172)	16.5	284.59944	228.15787	130.60556	3.09335	0.2230319	2.3612957	62600
(85173)	15.9	55.66516	218.12015	151.90973	7.05767	0.3038359	2.6599669	62600
(85174)	16.6	355.30469	327.79313	350.40494	2.27632	0.2250986	2.3087081	62600
(85175)	14.9	326.91289	24.41182	349.81411	8.64591	0.1555421	2.2994988	62601
(85176)	16.2	355.09311	116.31616	242.35234	2.79540	0.1884990	2.2894933	62601
(85177)	14.5	344.57268	330.92727	35.32161	9.43771	0.2415574	2.7937496	62602
(85178)	15.3	338.67755	17.85619	356.96534	6.89564	0.2689632	2.2999930	62602
(85179)	16.6	310.62436	81.50155	243.43081	1.77848	0.1803627	2.3715360	62602
(85180)	15.3	314.55838	316.48592	54.39743	12.34687	0.2509386	2.3384476	62603
(85181)	14.8	338.37529	249.28420	107.34023	8.75443	0.1336492	2.3472876	62603
(85182)	17.1	12.96444	241.00621	341.50450	3.19243	0.7803555	2.2139548	62603
(85183)	14.6	321.75123	90.16701	296.94964	22.30681	0.2794965	2.3557420	62604
(85184)	18.5	92.35253	322.65762	226.45129	33.87429	0.1847467	1.3741138	62604
(85185)	16.6	5.91600	63.91803	230.80123	5.04416	0.2847433	2.1764337	62604
(85186)	13.7	30.87246	3.81677	315.89107	13.44327	0.0974566	2.5889397	62605
(85187)	14.9	359.77532	101.39832	186.61596	11.81335	0.3661591	2.6824251	62606
(85188)	14.1	274.79552	108.26699	238.06598	8.00673	0.1786221	2.7845094	62606
(85189)	14.5	341.23539	22.46389	342.97336	12.65335	0.2996863	2.6436504	62606
(85190)	14.8	296.22377	95.88803	346.88505	11.97818	0.1586398	2.6423780	62607
(85191)	14.8	293.96187	118.26418	228.56680	8.22288	0.2622639	2.7544182	62607
(85192)	15.3	324.31517	207.67144	133.39343	11.04864	0.3266805	2.6820982	62607
(85193)	15.9	317.15037	95.44380	270.77837	2.84815	0.2396503	2.2103264	62608
(85194)	14.5	314.66515	53.01513	275.58943	14.75736	0.3313653	2.7324531	62608
(85195)	15.6	229.61557	135.82580	251.15874	2.42506	0.2676707	2.2997769	62609
(85196)	14.3	54.41901	272.66844	350.49393	12.24129	0.2459160	2.6637033	62609
(85197)	16.5	334.70039	64.34857	323.57325	2.59437	0.1545309	2.1922827	62610
(85198)	14.4	131.40738	50.61421	336.64097	8.84375	0.0970576	3.0397821	62610
(85199)	16.1	276.13020	99.34394	326.90216	5.40782	0.1141712	2.2057575	62610
(85200)	15.9	20.19654	24.01857	38.06709	5.27871	0.1744425	2.5636280	62611
(85201)	16.9	29.45526	317.53871	176.21235	2.49746	0.1314416	2.4594168	62611

(85202)	14.8	42.60112	118.36563	143.71323	10.73211	0.0460531	3.0027132	62611	(85254)	14.6	314.10351	359.22955	7.31127	10.02365	0.2788464	2.4244290	62628
(85203)	15.6	251.24420	78.74546	350.74135	6.73289	0.0644768	2.3303539	62611	(85255)	14.6	352.42046	191.01730	186.08500	10.45831	0.2123813	3.0944099	62629
(85204)	14.6	124.37231	44.95251	141.04551	11.09647	0.0495263	2.9750966	62612	(85256)	15.9	1.84324	144.16865	181.80029	0.27562	0.2042437	3.1667340	62629
(85205)	16.3	140.46170	82.71509	67.61024	3.65155	0.1561746	2.3797087	62612	(85257)	15.4	192.12169	317.34023	44.30886	3.05368	0.1112176	2.6471726	62629
(85206)	15.5	67.22570	110.38859	54.61666	6.82134	0.1046610	3.1710731	62613	(85258)	16.1	46.22584	21.27387	34.54134	2.11361	0.1475820	2.2406073	62629
(85207)	16.0	302.80726	113.90067	98.34263	4.19151	0.2160206	2.2671399	62613	(85259)	15.2	353.01450	299.93574	43.30973	4.05807	0.3063967	3.1458621	62630
(85208)	14.6	345.72327	143.38516	107.84273	6.59450	0.0898551	3.1700048	62613	(85260)	14.7	38.35622	97.94530	182.97244	5.54536	0.1249085	3.2102803	62630
(85209)	15.5	80.64448	341.88842	222.08935	4.72721	0.1333272	2.4427649	62614	(85261)	16.2	168.69720	234.23838	48.49775	3.85132	0.1303516	2.2252499	62630
(85210)	16.0	352.02620	198.43872	135.28971	4.74899	0.1148178	2.4120457	62614	(85262)	15.5	297.87700	315.07889	80.41112	3.37383	0.2127521	2.4242649	62631
(85211)	14.8	276.14953	44.76977	298.97443	6.01958	0.1065551	2.6118284	62614	(85263)	16.2	333.38109	264.06464	79.69869	5.48765	0.2142979	2.4220163	62631
(85212)	14.5	206.64533	338.40414	66.81943	28.34822	0.1965218	2.7139901	62615	(85264)	16.9	18.40076	130.80699	144.37209	3.13686	0.1790711	2.4467984	62631
(85213)	14.9	58.17466	355.47489	14.73520	6.37942	0.1613710	3.0768089	62615	(85265)	15.0	189.28698	182.84625	238.20220	12.59676	0.1516494	2.6000231	62632
(85214)	15.7	237.70122	344.81794	33.72957	3.41778	0.1593041	2.1689185	62616	(85266)	16.4	280.08322	117.77961	132.74680	0.91007	0.0190033	2.7709411	62632
(85215)	15.4	253.81953	226.29706	159.73393	4.48333	0.1857647	2.6385280	62616	(85267)	14.6	239.13081	142.14149	288.21676	21.88257	0.0602664	2.5616421	62632
(85216)	17.0	281.92013	188.38460	162.30729	1.17891	0.1446359	2.1434073	62616	(85268)	15.2	261.24136	92.94547	104.76826	2.65718	0.1499657	3.1150687	62633
(85217)	15.6	219.89419	96.01430	292.56082	2.26972	0.2066718	2.1978256	62617	(85269)	14.9	221.55977	147.89353	298.85101	6.45128	0.1576833	2.5640031	62633
(85218)	14.6	311.66087	287.65208	11.79361	13.97657	0.1943060	3.0460865	62617	(85270)	16.6	291.45803	97.49259	298.04571	11.60730	0.1275645	2.5201477	62633
(85219)	16.2	150.79472	46.15485	36.76599	6.97940	0.0420838	2.3432996	62617	(85271)	16.4	65.30610	122.88511	124.75238	4.56914	0.0549885	2.5802911	62634
(85220)	16.1	354.87264	235.05294	31.68735	5.29333	0.2055343	2.3463365	62618	(85272)	16.1	295.91460	19.87077	281.75514	0.80225	0.0372665	2.7237238	62634
(85221)	15.8	17.93000	169.02116	144.19621	5.21200	0.1489518	2.2443681	62618	(85273)	15.2	319.82854	260.55532	344.49869	23.53506	0.2453401	2.2650225	62634
(85222)	17.1	49.47312	131.99393	69.88752	4.40251	0.1644445	2.3339174	62618	(85274)	17.3	9.13023	140.16279	163.58011	5.79859	0.2469103	2.1494772	62634
(85223)	16.3	21.11658	276.13730	323.42809	1.55097	0.1808063	2.3416511	62619	(85275)	15.8	281.32083	202.68890	141.28156	17.73183	0.4419069	1.8893410	62635
(85224)	16.6	8.93444	12.16149	222.49516	4.87432	0.1516962	2.3571892	62619	(85276)	15.3	312.49242	148.45789	157.54598	6.33897	0.1344455	3.0944570	62635
(85225)	15.8	168.33328	21.82544	44.93450	5.93024	0.1698971	2.3318273	62619	(85277)	15.7	24.84399	260.62300	322.80823	5.79617	0.0704465	2.3259585	62635
(85226)	15.2	36.89187	218.01723	46.59078	1.58152	0.2020550	2.9351365	62620	(85278)	15.3	273.96545	115.69588	330.99273	7.60860	0.1486945	2.2001335	62636
(85227)	15.3	250.15499	164.51419	172.32598	4.12283	0.0868545	3.0821188	62620	(85279)	16.1	245.35087	203.12314	137.62881	3.01182	0.1112255	2.3774151	62636
(85228)	15.6	36.65103	228.92982	31.06007	2.53755	0.1897952	2.9323335	62620	(85280)	14.9	297.74058	148.21589	184.03379	2.48538	0.2032945	3.0839635	62636
(85229)	16.0	330.53034	155.38239	175.25754	1.88540	0.0750487	2.8802169	62620	(85281)	16.1	338.32254	130.67214	166.72708	6.21903	0.1940444	2.2833449	62637
(85230)	15.3	7.30290	104.00464	148.94640	3.67076	0.1344480	3.0045487	62621	(85282)	14.5	287.27315	355.62915	344.52860	4.83635	0.1649047	3.1051501	62637
(85231)	16.8	70.99431	4.64691	153.84014	4.09374	0.2107766	2.3427181	62621	(85283)	15.2	263.44054	225.18297	115.40719	2.20916	0.1670316	3.1832988	62638
(85232)	16.5	348.79514	151.71873	94.64583	3.09406	0.1662250	2.3702107	62621	(85284)	16.4	351.89207	225.62844	70.86438	1.16868	0.1691091	2.2397904	62638
(85233)	16.5	14.97282	69.32968	159.27817	5.04500	0.1473540	2.3521219	62622	(85285)	16.8	346.66173	254.11892	60.31085	0.12854	0.1679567	2.2577423	62638
(85234)	16.7	327.82920	250.61975	84.93344	4.74810	0.1057962	2.2829113	62622	(85286)	16.6	314.65340	244.03304	136.78193	6.28780	0.2305321	2.2346371	62639
(85235)	17.1	352.96831	223.75238	44.08067	30.10297	0.1831886	1.9621227	62622	(85287)	14.4	278.51491	87.95506	267.75705	3.98337	0.1810914	3.0951824	62639
(85236)	18.9	331.62352	293.68194	54.48051	12.80452	0.3112475	1.2337989	62622	(85288)	16.0	167.37223	199.45048	210.48175	5.06157	0.1760767	2.4250192	62639
(85237)	15.9	307.90264	50.15948	278.91279	5.15318	0.1799502	2.4183605	62623	(85289)	14.6	299.19654	138.85407	176.74937	9.47308	0.0753803	3.1374450	62640
(85238)	15.0	295.49280	229.23729	157.90404	5.39769	0.2252463	3.1586360	62623	(85290)	15.8	148.18143	294.65040	310.73669	7.89994	0.1961532	2.7109916	62640
(85239)	15.7	352.18042	253.53122	61.48071	1.50821	0.2030538	3.0982074	62623	(85291)	15.9	326.80067	184.92008	166.41353	2.74895	0.2495886	2.2425915	62641
(85240)	14.9	357.42371	23.90992	290.58783	5.94560	0.1888133	3.0695930	62624	(85292)	15.3	248.29893	143.23030	315.84715	4.40663	0.1108346	2.2180891	62641
(85241)	15.7	357.78899	38.92499	265.57639	3.84954	0.2356576	2.3828730	62624	(85293)	15.1	70.56059	245.94314	326.46732	14.54462	0.1334028	3.1186247	62642
(85242)	16.2	324.91914	216.51136	134.83128	2.94278	0.2318849	2.4038818	62624	(85294)	16.5	64.53522	147.02114	25.20818	2.93611	0.1315445	2.4068195	62642
(85243)	15.2	289.98470	259.15366	151.95683	9.30823	0.2462698	3.1789712	62625	(85295)	14.5	110.48703	29.65638	20.46508	13.40467	0.2849694	2.5804881	62642
(85244)	15.7	89.19980	215.15483	358.01482	6.57415	0.0705857	2.4140539	62625	(85296)	16.9	33.56208	265.04829	17.13965	1.06656	0.1295998	2.2524651	62643
(85245)	14.7	298.65828	224.91180	194.95210	23.85901	0.2749334	2.3891932	62625	(85297)	17.2	0.72245	191.12535	148.99868	1.69634	0.1916349	2.2252993	62643
(85246)	15.6	1.87553	55.69830	245.27997	2.04103	0.1267986	2.4220217	62626	(85298)	16.2	8.58207	55.83596	203.33193	5.24246	0.1887097	2.3433046	62643
(85247)	15.6	332.29242	206.41100	182.64425	2.47126	0.2063238	2.3654180	62626	(85299)	16.3	213.01974	326.56151	49.72457	2.03600	0.2004657	2.4271364	62644
(85248)	15.7	163.49030	51.94352	314.66018	1.13993	0.2265654	2.6870422	62626	(85300)	14.6	216.77035	197.68849	216.20294	24.10021	0.2499851	2.3922550	62644
(85249)	16.2	302.01664	52.13733	357.84727	2.27173	0.2140585	2.3831382	62627	(85301)	14.9	271.66858	278.16370	13.14259	6.86855	0.2025948	2.4466078	62644
(85250)	15.4	330.54376	346.27717	1.56307	11.02904	0.2391369	3.1875359	62627	(85302)	15.5	288.61680	148.00491	240.83727	4.91105	0.1797362	2.3017079	62645
(85251)	15.2	183.33598	326.99927	352.15648	10.23252	0.2140131	2.6996497	62627	(85303)	16.0	299.74665	230.77581	149.33848	2.59493	0.2415902	2.2970011	62645
(85252)	16.9	168.88878	279.58886	6.03013	4.92097	0.1723622	2.2000345	62628	(85304)	14.3	288.09957	18.69718	39.10536	5.02784	0.1762842	3.0784243	62646
(85253)	16.4	7.44015	10.60509	294.75647	3.46165	0.1816785	2.4388165	62628	(85305)	15.7	284.71660	110.82925	251.15764	4.03350	0.2075368	2.3276591	62646

(85306)	15.2	194.81738	355.18527	69.48156	23.88020	0.0927980	1.9436908	62647	(85358)	16.0	316.83176	113.15441	93.98084	7.79227	0.0951534	2.4326054	62663
(85307)	15.3	255.04787	166.71245	269.49802	4.65813	0.2134251	2.3211274	62647	(85359)	15.4	340.74043	248.69970	26.37059	1.33013	0.1302174	3.0105780	62663
(85308)	16.3	319.64272	192.50628	173.86668	5.19877	0.1830277	2.2865630	62648	(85360)	15.2	215.24559	106.42875	259.48008	2.87603	0.0384185	3.2058824	62663
(85309)	15.1	335.71352	200.81906	142.33729	6.76680	0.1356743	3.0998249	62648	(85361)	15.6	4.00169	198.54213	29.69824	9.85098	0.1826974	3.1643395	62664
(85310)	17.4	46.51173	230.82115	218.39174	1.35236	0.1924901	2.6708274	62648	(85362)	15.4	326.72902	345.13198	39.05804	14.43248	0.2093548	2.7647835	62664
(85311)	15.5	300.21308	49.26015	117.31153	8.18585	0.0967650	2.7603303	62648	(85363)	14.9	239.06302	301.86735	84.45119	11.66693	0.1285711	3.0878305	62664
(85312)	13.9	290.82815	303.82581	106.41882	10.76097	0.2677915	3.1335997	62649	(85364)	16.8	100.90133	232.15447	226.39802	6.41776	0.15254661	2.3758800	62664
(85313)	14.6	252.48059	118.85757	325.17499	3.90718	0.1400299	2.3438642	62649	(85365)	16.6	34.72001	122.42311	85.30436	2.83422	0.1113793	2.2941349	62665
(85314)	15.3	136.43228	296.84358	110.50709	5.36212	0.0569939	2.6415223	62650	(85366)	16.6	330.17922	1.56774	356.42285	7.45300	0.1680980	2.2229927	62665
(85315)	15.4	86.47304	5.52088	129.93184	5.55475	0.2019976	2.5893813	62650	(85367)	16.7	351.57896	95.36302	181.82045	2.12683	0.1948912	2.3403591	62665
(85316)	15.1	291.13786	333.10624	350.52608	4.00175	0.1782824	2.5614638	62650	(85368)	15.4	73.03039	85.41907	82.57677	1.53084	0.2118821	2.4171679	62666
(85317)	15.6	101.64084	331.98970	137.95303	6.61694	0.2677915	2.6013097	62651	(85369)	15.9	9.73659	94.63121	83.48012	4.29924	0.1525596	2.5383617	62666
(85318)	15.5	8.34698	256.30352	316.24217	10.96466	0.0212847	2.6230384	62651	(85370)	17.0	358.38532	137.56481	153.32720	1.76370	0.1739415	2.3793256	62666
(85319)	15.5	70.47148	240.75634	161.19039	6.36135	0.1224932	2.9140348	62651	(85371)	16.9	348.22174	162.94689	110.83173	2.40188	0.1091751	2.4014583	62667
(85320)	15.2	24.29699	187.71466	34.37992	5.04332	0.1991097	2.6484588	62651	(85372)	15.5	316.23500	78.60626	302.79385	7.46616	0.2507126	2.2094833	62667
(85321)	15.1	155.44536	325.26237	140.44127	5.90656	0.0798763	2.5831446	62652	(85373)	15.5	60.95067	272.70971	337.49804	4.68101	0.1328953	2.3318659	62668
(85322)	15.1	121.78650	333.32233	140.39177	3.16881	0.1568656	2.6352801	62652	(85374)	15.4	154.10558	218.06662	29.95986	1.05519	0.0542723	2.9799985	62668
(85323)	14.8	237.82591	189.20229	12.80838	5.03736	0.0972829	3.1268759	62653	(85375)	16.1	306.66008	104.39862	52.32774	5.55632	0.0310203	2.8110466	62668
(85324)	14.5	253.93477	172.96928	49.37921	13.27001	0.1138594	3.0617465	62653	(85376)	16.2	303.56684	246.51578	89.21990	8.72360	0.1661255	2.4800860	62668
(85325)	15.0	342.88644	356.66834	192.32849	7.20476	0.1129924	3.0985196	62653	(85377)	15.7	121.78671	340.34545	206.69319	4.68346	0.0626889	2.3572477	62669
(85326)	14.2	312.15467	75.47507	154.35530	15.06626	0.0906096	3.0777584	62654	(85378)	15.4	62.26364	221.48743	46.63770	7.80482	0.1198897	2.3425975	62669
(85327)	15.4	262.14293	343.68442	291.90998	14.66138	0.0552382	3.1147437	62654	(85379)	16.0	61.92082	39.15384	190.27448	2.48477	0.1306062	2.4199531	62670
(85328)	16.0	137.71357	316.39354	59.87906	3.50758	0.2040329	2.3400950	62654	(85380)	14.9	17.25416	58.81042	231.55280	3.76908	0.1967058	2.4254297	62670
(85329)	14.6	320.33281	255.77267	122.37244	14.93282	0.3723499	2.7454026	62655	(85381)	16.1	303.88563	86.84448	217.18698	8.78031	0.1326373	2.5502464	62670
(85330)	15.9	318.06335	32.22606	346.92214	8.47433	0.2988878	2.7732520	62655	(85382)	15.9	279.99433	166.41483	204.51592	12.75041	0.2129798	2.4756875	62671
(85331)	15.0	350.63207	5.86219	206.91845	6.02070	0.0417060	3.1897716	62655	(85383)	16.0	315.83420	222.09656	127.30279	6.88061	0.3632487	2.5879703	62671
(85332)	15.3	320.98832	75.37479	321.46880	21.75403	0.3637677	2.7484018	62656	(85384)	15.8	348.19005	2.35034	265.19821	0.26539	0.1454056	2.5998877	62671
(85333)	15.2	296.12010	334.39373	354.32992	2.33589	0.1529923	2.9114932	62656	(85385)	15.0	261.57233	44.23125	308.55137	1.59034	0.0523410	2.6907964	62672
(85334)	17.7	4.62238	2.44064	171.43307	3.10400	0.0815586	2.3117790	62656	(85386)	14.5	250.89413	38.72239	310.84770	13.64747	0.1145355	2.6862781	62672
(85335)	15.1	299.01742	50.44831	341.11282	4.94618	0.0848437	2.7613282	62657	(85387)	16.3	326.91985	136.79333	180.22076	1.99812	0.2214957	2.5867911	62673
(85336)	16.5	106.18354	280.13123	199.41285	0.28299	0.1112720	3.1906056	62657	(85388)	16.6	343.66495	136.84835	190.48878	3.93355	0.3092614	2.5446108	62673
(85337)	16.5	57.77301	13.28840	6.58287	1.34465	0.1856538	2.5395587	62657	(85389)	16.1	288.81958	183.80843	150.26064	3.48181	0.1256902	2.6591179	62673
(85338)	15.6	21.26942	151.72943	229.23178	0.35441	0.0587750	2.5838279	62658	(85390)	15.0	306.88913	89.71459	251.46160	2.72244	0.2602181	2.6123464	62674
(85339)	16.2	107.11547	256.80247	206.72982	4.25932	0.0650336	3.2150640	62658	(85391)	16.3	260.54381	316.38543	13.68953	3.97093	0.0995210	2.7819589	62674
(85340)	15.4	28.95289	95.33069	86.17353	2.41725	0.1266653	3.1744662	62658	(85392)	14.6	260.59179	354.06966	350.41074	4.27668	0.1278304	2.7615271	62674
(85341)	15.0	92.68429	238.20135	0.16419	12.03350	0.1119410	2.7194417	62658	(85393)	14.8	204.79128	36.05255	357.24119	5.83621	0.0742235	2.8121616	62675
(85342)	16.8	112.80250	93.57382	10.32302	3.01502	0.1657868	2.3100594	62659	(85394)	12.7	231.31366	234.37160	123.71761	5.61440	0.0513086	5.1712420	62675
(85343)	14.8	305.17762	93.28039	316.50442	22.57327	0.2537690	2.7824644	62659	(85395)	15.1	210.15234	274.48965	200.22618	27.30015	0.1527650	2.6628416	62675
(85344)	16.1	342.30047	346.74503	356.69677	3.41272	0.1050435	2.7971115	62659	(85396)	13.4	354.17529	149.18425	195.33465	14.81741	0.2665832	2.5339651	62676
(85345)	15.0	24.51164	8.41569	271.85542	9.75127	0.2196647	2.7216370	62659	(85397)	15.2	276.33865	223.52315	178.29308	13.04338	0.1693730	2.6121118	62676
(85346)	14.7	42.65497	286.08475	226.76518	10.94619	0.1042243	3.0937484	62660	(85398)	15.1	305.33087	116.49515	243.56414	11.66099	0.3133018	2.6613901	62676
(85347)	15.9	352.38876	202.18808	359.96201	6.91191	0.0518661	2.2813652	62660	(85399)	14.3	247.15639	191.76603	188.25127	11.37073	0.1082274	2.7127590	62677
(85348)	15.3	15.18755	310.23120	358.76535	9.51860	0.3300612	2.7052523	62660	(85400)	16.0	324.23355	1.08405	14.75022	0.77184	0.2118904	2.5668489	62677
(85349)	15.1	333.05000	166.16005	201.18115	6.69078	0.1563685	2.7553299	62661	(85401)	15.4	320.32683	38.87985	2.52304	3.50665	0.1264716	2.5308872	62678
(85350)	15.3	321.72396	331.36555	13.80544	1.97520	0.0782854	2.8660717	62661	(85402)	15.0	277.30367	190.70440	158.38899	2.09133	0.0938964	2.7315867	62678
(85351)	15.8	278.82248	109.56574	198.68053	13.59236	0.0676500	3.0770951	62661	(85403)	15.1	28.52846	47.59006	96.64138	5.73480	0.1996613	3.1910195	62679
(85352)	16.4	324.86264	149.98460	66.10965	7.17563	0.0267697	2.3773009	62661	(85404)	15.1	238.21211	138.17289	222.14786	7.20120	0.2426610	2.7997508	62679
(85353)	16.1	308.53585	295.60396	11.75369	4.38565	0.1476666	2.1906906	62662	(85405)	15.1	327.00168	289.57715	91.13461	3.02553	0.1836694	2.5230019	62679
(85354)	16.7	74.13472	341.84903	113.93303	3.45398	0.1929358	2.4299207	62662	(85406)	15.1	37.41103	38.57291	125.81031	6.01488	0.1190693	3.0327923	62680
(85355)	15.7	349.28172	311.29058	47.49787	3.64470	0.2207468	2.7819301	62662	(85407)	16.4	268.81850	142.62081	201.77328	1.39184	0.0789917	2.8380657	62680
(85356)	15.8	261.07573	148.43657	63.12824	10.50268	0.0992471	2.5470902	62662	(85408)	15.1	212.03699	163.21915	230.62122	12.09595	0.2276281	2.8071664	62681
(85357)	15.7	121.24162	25.54496	40.60940	7.85909	0.0819983	2.3609571	62663	(85409)	16.1	136.00968	216.97907	222.03887	4.71263	0.0464814	3.0099510	62681

(85410)	15.0	208.35999	215.49805	207.46746	25.13451	0.1385682	2.7928561	62681	(85462)	16.1	18.73361	178.19884	59.23293	7.43396	0.0715266	2.2809946	62699
(85411)	16.2	303.73705	134.79546	228.90170	4.31812	0.0734302	2.6934253	62682	(85463)	15.1	32.82138	129.52903	161.03996	2.03674	0.1111003	3.1787970	62699
(85412)	16.1	347.64502	320.99748	2.79023	11.61621	0.2378494	2.5915502	62682	(85464)	14.8	248.10820	246.13655	197.75878	9.93889	0.1029807	2.9727676	62700
(85413)	15.5	213.19111	339.29814	347.42482	9.79843	0.1084998	3.0477927	62682	(85465)	14.7	350.52879	155.40391	60.60807	25.05029	0.2083554	2.3697022	62700
(85414)	15.9	235.89121	174.75782	193.95402	1.63590	0.0773320	2.8889490	62682	(85466)	15.1	191.65021	50.69686	206.10120	4.38482	0.0683182	2.7250627	62700
(85415)	15.0	341.83993	285.70589	53.30635	12.56836	0.3330441	2.5669546	62683	(85467)	16.5	351.55434	232.33134	110.89432	4.66846	0.2323986	2.1986948	62701
(85416)	16.1	341.89067	78.68328	287.97817	2.64588	0.2538018	2.5542345	62683	(85468)	16.4	8.81822	145.85242	146.33513	7.12567	0.1263877	2.2394343	62701
(85417)	14.9	328.50816	256.66786	25.37281	12.40136	0.0758074	2.8753647	62684	(85469)	15.9	172.92427	230.34303	103.48393	5.65996	0.2113170	2.6330188	62701
(85418)	15.1	111.13822	30.41046	94.77076	7.39005	0.0784017	3.1681147	62684	(85470)	14.4	278.93930	272.79153	139.74141	15.77273	0.0483680	3.2220401	62702
(85419)	16.9	201.09718	187.69601	54.77742	2.69877	0.0856922	2.3905845	62684	(85471)	16.6	41.67687	104.49875	67.29726	25.49558	0.2302817	2.3525617	62702
(85420)	14.7	128.41962	36.31072	63.29693	7.28203	0.1808987	3.0502309	62684	(85472)	15.7	32.92476	349.48177	249.42039	9.28944	0.2022588	2.3103281	62702
(85421)	15.5	349.87136	149.76466	195.73076	2.99230	0.2056317	2.7418996	62685	(85473)	16.6	274.85585	44.67143	286.42956	0.46997	0.1997441	2.4494090	62703
(85422)	15.3	308.80410	274.92207	105.11794	13.39850	0.2841455	2.6844195	62685	(85474)	16.1	334.92709	105.47456	209.47281	4.53383	0.2158436	2.2806829	62703
(85423)	15.3	86.22035	249.68816	242.08308	8.72528	0.1910347	3.1269713	62685	(85475)	16.2	77.84729	95.63666	143.10997	2.83924	0.0833610	2.1865759	62703
(85424)	13.6	187.21950	68.69139	321.63734	15.35180	0.2489713	3.1322353	62686	(85476)	15.6	333.61254	179.70501	195.82780	2.56237	0.2267222	2.2425853	62704
(85425)	15.8	316.25396	82.78396	109.60484	5.06110	0.1118720	2.3688786	62686	(85477)	16.6	280.71866	165.66688	167.79094	1.46549	0.2024469	2.4096115	62704
(85426)	16.6	346.10647	139.83261	122.51308	0.40369	0.1531914	2.1764942	62686	(85478)	16.2	280.90583	313.56585	14.11149	1.02136	0.2025014	2.4198561	62705
(85427)	15.2	318.92004	117.79273	74.73923	7.63242	0.1888202	2.3912592	62687	(85479)	16.2	314.48505	291.64546	65.11416	3.88145	0.2118288	2.3238984	62705
(85428)	14.3	337.96975	265.89904	3.46242	11.11810	0.1937225	3.1670916	62687	(85480)	16.5	337.79222	68.20823	276.89355	2.36100	0.2057553	2.2721877	62706
(85429)	15.0	359.18792	19.23420	271.98953	9.81091	0.0532030	2.9676844	62687	(85481)	15.7	58.25255	288.30043	300.72849	22.13812	0.2514484	2.2736248	62706
(85430)	16.6	142.12234	133.21971	324.40549	2.33591	0.0824306	2.1961124	62688	(85482)	16.9	334.19969	122.67751	223.64606	1.53523	0.1889235	2.3158668	62707
(85431)	15.4	61.29992	97.33450	143.78937	12.30663	0.0968904	3.0088807	62688	(85483)	14.8	156.02265	238.48916	158.66143	33.96572	0.3381351	2.7209575	62707
(85432)	15.0	298.99073	98.32263	306.16336	20.62646	0.1908145	2.7106376	62688	(85484)	15.4	350.64429	78.44921	292.17872	4.65101	0.1835814	2.2612050	62707
(85433)	16.3	343.12768	345.58359	170.95777	2.95184	0.1333555	2.4056589	62688	(85485)	15.8	301.50796	228.81356	167.86639	2.63003	0.1725664	2.3747772	62708
(85434)	15.8	180.59691	307.25374	128.68640	12.08304	0.0819781	3.0815051	62689	(85486)	16.6	322.33498	164.49712	191.05727	1.77993	0.2206468	2.3426985	62708
(85435)	17.0	55.97989	62.26560	164.32892	0.44156	0.1052349	2.1870038	62689	(85487)	16.7	2.60125	48.35157	243.52840	1.25356	0.2121236	2.3409154	62708
(85436)	15.4	320.48988	344.79967	12.29848	0.76194	0.2628147	3.0619153	62689	(85488)	17.1	332.24866	168.80178	175.60491	2.87428	0.1910639	2.3435891	62709
(85437)	16.8	32.29267	17.81700	183.06598	7.62338	0.1691265	2.2758322	62690	(85489)	15.0	101.55537	135.12568	191.49809	23.78304	0.2429583	3.1134196	62709
(85438)	16.1	110.63417	13.77313	115.24994	5.00573	0.0772417	2.1965860	62690	(85490)	14.8	340.56609	56.53578	287.94701	2.60862	0.6663442	3.7306353	62709
(85439)	16.3	53.33457	104.29921	50.42235	5.17035	0.0795899	2.3044179	62690	(85491)	16.6	6.55896	299.23138	358.30744	2.60645	0.1736125	2.3365386	62711
(85440)	16.0	348.50569	231.44253	358.02306	2.39371	0.1973843	2.3446734	62691	(85492)	16.6	15.86997	17.05736	273.73487	1.52710	0.1215498	2.3506377	62711
(85441)	16.9	39.66823	274.34880	240.30424	2.22391	0.1640876	2.3413977	62691	(85493)	16.5	19.25485	305.00975	338.13916	3.71631	0.1488673	2.3527241	62711
(85442)	17.2	178.08372	141.95511	199.62118	2.42728	0.0858963	2.4338784	62691	(85494)	16.9	9.41261	28.78857	283.60648	8.29557	0.0473729	2.3849502	62712
(85443)	17.2	254.91397	137.43030	172.57505	1.91683	0.1950611	2.3709099	62692	(85495)	16.0	299.76626	340.23036	55.36918	3.15610	0.2109647	2.3561203	62712
(85444)	15.1	205.00163	216.63003	190.34472	3.27556	0.1354026	2.2754853	62692	(85496)	15.7	177.55930	314.46955	36.86184	8.88572	0.2032208	2.7979313	62712
(85445)	15.3	249.02351	316.90075	48.10739	8.33895	0.1427658	2.2974932	62692	(85497)	15.8	358.88003	174.21500	309.24297	0.90008	0.0305327	2.9270497	62713
(85446)	15.3	127.60993	117.18050	356.08173	8.00526	0.0605624	2.2570281	62693	(85498)	13.2	181.27322	179.59254	236.66867	3.84399	0.0602134	5.2548685	62713
(85447)	15.3	166.32769	64.02593	359.13576	6.86481	0.1011291	2.2758083	62693	(85499)	16.0	150.97519	356.06139	348.56868	2.96834	0.1908205	2.8656420	62713
(85448)	16.2	319.78158	84.87035	229.45115	3.86680	0.1739938	2.2436617	62693	(85500)	16.0	281.51826	41.50506	357.34987	3.58933	0.1971791	2.3695744	62713
(85449)	16.1	263.82834	6.96937	347.99595	2.00525	0.1021562	2.2469243	62694	(85501)	16.2	33.97656	43.89587	220.70722	5.80276	0.2096144	2.4081968	62714
(85450)	16.0	279.16108	258.84937	73.95400	1.37474	0.2412035	2.2935320	62694	(85502)	15.9	35.85690	213.85675	221.83804	1.32548	0.0677351	3.1500743	62714
(85451)	15.9	245.26778	20.08188	186.47224	6.59728	0.1539511	2.6298694	62695	(85503)	16.0	290.21169	339.60449	53.74951	5.73650	0.1892196	2.3665018	62714
(85452)	15.8	328.11665	125.69927	181.31901	3.74023	0.2115072	2.2849188	62695	(85504)	15.5	287.61547	306.68588	43.85688	5.57442	0.2085487	2.4554548	62714
(85453)	16.1	331.69894	142.90622	16.89536	7.34523	0.0323133	2.4942703	62695	(85505)	14.7	355.05544	109.49012	225.74427	24.90979	0.2828105	2.3433770	62715
(85454)	16.2	65.26535	354.07069	185.78591	6.26413	0.0497117	2.2912717	62696	(85506)	15.9	333.20373	307.01582	45.13670	6.32556	0.2854240	2.3638887	62715
(85455)	16.2	10.54444	169.34616	38.75280	4.43509	0.1702300	2.3394052	62696	(85507)	14.7	137.90318	266.95316	181.66174	13.27506	0.1459273	2.6739724	62716
(85456)	16.4	333.65294	308.93893	43.19181	3.48735	0.1785725	2.1664366	62696	(85508)	15.8	289.38474	126.81975	244.31085	6.40131	0.0355887	2.4700148	62716
(85457)	16.9	30.92982	154.38928	72.30771	6.92640	0.0779264	2.2866377	62697	(85509)	16.1	320.01791	91.68164	288.75832	1.03371	0.2183179	2.3511914	62717
(85458)	14.9	72.75461	196.45369	45.22130	5.76487	0.0797953	3.1978749	62697	(85510)	15.8	300.78971	107.89947	239.49127	14.72823	0.2100778	2.4435672	62717
(85459)	15.5	312.62009	296.29237	23.83618	3.28196	0.2222832	2.2958174	62698	(85511)	16.2	309.67706	240.15605	98.85688	2.38263	0.2039737	2.4260260	62717
(85460)	16.3	355.79633	64.48108	205.68475	6.27262	0.1199063	2.2763522	62698	(85512)	14.9	316.45223	3.62228	5.87322	6.68735	0.2024162	2.3649681	62718
(85461)	16.7	33.04384	347.80749	207.41815	3.58949	0.1802005	2.3169220	62699	(85513)	16.0	338.63769	153.95872	200.34013	1.60624	0.2243945	2.3483060	62718

(85514)	15.5	355.42651	285.02736	19.63122	2.75051	0.2055695	2.4014196	62718	(85566)	15.2	240.86601	72.08399	293.43575	0.85495	0.2021724	2.7992000	62739
(85515)	16.3	313.35349	100.17273	279.86821	2.19922	0.2448121	2.3602060	62719	(85567)	15.6	316.72267	153.29691	99.25587	6.87324	0.0445561	2.7996856	62739
(85516)	16.4	329.37767	309.91202	60.40941	5.77045	0.2466309	2.3479807	62719	(85568)	14.7	206.68785	183.78665	291.68652	10.51454	0.1180115	2.5864815	62739
(85517)	15.5	269.41958	49.90229	41.14933	6.62128	0.1499769	2.3505214	62719	(85569)	15.6	194.26030	305.38571	108.81517	3.21166	0.0477491	2.9153799	62740
(85518)	15.2	205.76346	163.26348	237.09801	3.46336	0.3171885	2.6487352	62720	(85570)	16.5	19.44842	167.75955	120.40759	6.49811	0.1136590	2.6355901	62740
(85519)	15.7	0.93618	347.65423	237.29057	8.09520	0.0241239	2.7148935	62720	(85571)	13.7	161.22343	45.43428	299.06527	13.42309	0.3614339	3.1170116	62740
(85520)	15.2	339.80893	292.73875	93.67362	6.68057	0.1660887	2.3352380	62721	(85572)	14.1	339.84701	278.06692	313.20060	17.11637	0.1679302	3.1336858	62741
(85521)	16.6	337.82256	48.09156	328.68456	1.29116	0.2355020	2.3522560	62721	(85573)	15.1	164.04832	71.03147	355.95251	1.94590	0.0451658	2.8592650	62741
(85522)	16.6	295.28523	335.45935	41.63283	3.55864	0.1898418	2.4188978	62721	(85574)	15.3	107.42980	302.56679	185.41309	5.08150	0.0630894	2.9301439	62741
(85523)	15.2	335.06899	185.29528	63.44856	10.36229	0.1675969	2.7136559	62722	(85575)	14.6	70.62880	135.43482	345.30185	13.06056	0.1618997	3.1395666	62742
(85524)	15.6	260.71850	88.35776	264.18837	3.49739	0.0752373	2.5683240	62722	(85576)	15.4	49.98388	221.75952	329.91945	2.02856	0.1276234	2.9845882	62742
(85525)	15.9	279.69036	132.41072	186.26330	3.75552	0.0780510	2.6618789	62722	(85577)	13.9	10.61479	7.35541	29.11860	4.53650	0.2082147	3.9944870	62743
(85526)	15.3	331.39801	137.03275	237.32477	4.84727	0.1754956	2.3372237	62723	(85578)	14.9	105.20874	284.11322	342.27551	28.28895	0.3213086	2.6565747	62743
(85527)	16.5	256.74538	339.61249	305.49372	1.05127	0.0383764	2.8287593	62723	(85579)	16.5	325.99147	257.25523	97.78036	3.18269	0.1016585	2.6657525	62743
(85528)	15.7	92.94067	51.18913	351.28537	0.87220	0.1723379	3.0411012	62723	(85580)	13.6	257.48782	93.12781	332.80809	13.93111	0.0337065	2.6334507	62744
(85529)	15.9	3.71845	92.53580	231.74553	5.93804	0.1384189	2.3674060	62724	(85581)	13.8	31.01290	349.21458	337.12473	13.39808	0.1622810	2.5616722	62744
(85530)	16.5	336.33925	243.89809	89.25818	3.08170	0.2189763	2.4129271	62724	(85582)	15.3	4.53406	11.79446	294.44167	12.98765	0.1821951	2.6730303	62745
(85531)	15.1	179.05189	17.01757	25.20725	9.61425	0.1290456	2.7100997	62724	(85583)	14.3	219.99549	276.41987	129.88060	9.24193	0.2900029	2.7932409	62745
(85532)	14.3	202.98540	160.08565	242.87940	13.46909	0.1520208	2.6876341	62724	(85584)	15.2	131.36065	108.04562	357.20826	2.52745	0.0660759	2.9823907	62746
(85533)	15.7	342.55746	247.88045	95.73576	5.57372	0.1429181	2.4085374	62725	(85585)	21.6	142.87402	95.23048	2.45277	4.08485	0.3562043	1.2975406	62746
(85534)	15.6	292.51242	63.74113	337.03437	0.68392	0.1906419	2.3893805	62725	(85586)	15.0	355.76622	336.92704	19.13387	13.89953	0.1890233	2.6666853	62746
(85535)	15.3	11.94352	243.12352	31.41654	2.51085	0.1820327	2.4657041	62726	(85587)	14.8	32.95252	43.91473	170.54111	13.83261	0.2057672	3.1034442	62747
(85536)	16.2	271.68422	229.68314	175.30455	2.25636	0.2047940	2.4480049	62726	(85588)	13.9	317.65513	47.86406	326.60592	14.68330	0.1532099	2.6268718	62747
(85537)	14.4	226.81194	149.25669	234.36927	13.58117	0.0821175	2.6338869	62727	(85589)	13.7	339.28437	39.00526	336.39276	13.15668	0.2065272	2.5596146	62748
(85538)	14.9	151.45909	344.17863	99.20113	6.19587	0.1368747	2.7300751	62727	(85590)	14.9	78.58788	331.00308	181.69301	15.40417	0.1708908	3.0678376	62748
(85539)	13.8	43.93066	333.89767	231.46026	14.64686	0.0503573	2.6878003	62727	(85591)	13.4	351.55214	341.86699	3.13227	27.19530	0.1860533	2.7149523	62749
(85540)	15.2	207.18929	177.07917	212.91141	3.28929	0.1027657	2.6850902	62728	(85592)	14.7	354.57560	238.48516	352.11009	9.78529	0.0486677	3.1918211	62749
(85541)	15.5	354.19539	179.14926	152.08849	2.79100	0.2111702	2.3894214	62729	(85593)	15.0	33.87818	64.67105	177.37203	3.34597	0.2486159	3.0454754	62749
(85542)	14.9	178.85810	354.60179	83.89187	7.45623	0.1433152	2.6668363	62729	(85594)	16.4	306.65945	326.56717	183.10867	5.97952	0.0469852	2.3445999	62750
(85543)	15.8	195.36871	127.92921	279.29408	0.39813	0.2066328	2.6788552	62730	(85595)	14.2	261.69632	248.19418	193.93752	11.98674	0.1553566	2.6584077	62750
(85544)	15.5	164.02793	191.34447	229.37166	7.66792	0.0708735	2.7240105	62730	(85596)	14.6	52.70794	37.98271	162.11321	9.04126	0.1225360	3.0992353	62751
(85545)	13.9	95.61569	335.40593	61.39999	18.71793	0.1588352	3.1321430	62730	(85597)	14.4	166.70609	121.99213	25.77891	12.64366	0.1809955	2.6897264	62751
(85546)	16.6	350.62106	348.93447	6.69283	3.06148	0.3228326	2.3710450	62731	(85598)	14.1	22.21594	68.38975	35.78765	10.15074	0.0215901	2.2390544	62751
(85547)	16.0	267.56534	47.01468	20.43080	8.16203	0.1855096	2.3528399	62731	(85599)	15.7	257.41118	85.87449	109.11125	4.86699	0.0851090	2.3362359	62752
(85548)	15.3	311.79612	329.25530	88.59102	7.33224	0.2430010	2.3257680	62731	(85600)	14.5	28.81674	164.15480	42.68797	13.92990	0.1332986	3.1150824	62753
(85549)	15.4	285.69359	147.44850	254.26050	7.16384	0.1157602	2.4634758	62732	(85601)	14.8	99.57227	54.76250	54.85850	1.55758	0.1543734	3.2003950	62753
(85550)	13.9	231.35386	134.37113	270.47777	11.40916	0.1859603	2.6391920	62732	(85602)	15.2	164.27155	243.95902	14.21378	6.14706	0.0648167	2.4658326	62754
(85551)	15.2	323.83722	352.23186	59.03693	3.19204	0.2140677	2.3568066	62732	(85603)	15.4	147.56654	35.81566	194.18241	11.77723	0.1404053	2.6185810	62754
(85552)	14.1	273.97510	92.11679	299.82999	13.94117	0.1127955	2.5713297	62733	(85604)	14.8	76.02142	233.70637	356.46759	14.77479	0.0949101	2.8627152	62754
(85553)	14.5	199.71458	140.84939	325.29591	8.05191	0.1757353	2.6149666	62733	(85605)	14.4	357.84231	232.26335	3.84879	11.24190	0.2306463	3.1864544	62755
(85554)	15.7	244.18718	155.04484	294.32903	5.10879	0.1619046	2.5398606	62734	(85606)	15.3	51.20453	122.65109	51.20085	2.42884	0.1423216	3.1885873	62755
(85555)	14.2	209.55158	164.37397	301.93778	13.60960	0.0574376	2.6201078	62734	(85607)	14.9	56.96698	3.66130	166.93377	5.61745	0.0984265	3.1590598	62755
(85556)	15.3	291.28176	58.04028	324.98894	2.44760	0.1761024	2.5260907	62735	(85608)	14.8	78.12680	73.51113	131.92418	16.58455	0.1412770	2.9484825	62756
(85557)	15.0	325.49285	46.32560	354.96257	5.39389	0.1617817	2.2923011	62735	(85609)	16.4	75.42938	338.08790	66.96931	7.49648	0.1813921	2.3099837	62756
(85558)	14.3	98.48072	102.27821	305.58550	9.48073	0.1413853	3.2033961	62736	(85610)	15.6	10.74760	153.87515	76.47925	6.41787	0.1051710	3.2209301	62756
(85559)	15.6	47.55440	149.79647	101.68624	10.07775	0.0880312	2.6549228	62736	(85611)	16.5	172.00840	101.79449	171.55982	8.02176	0.0590118	2.4372457	62757
(85560)	13.9	123.09218	117.63666	341.45281	9.93213	0.0878929	2.9729926	62736	(85612)	15.7	140.42848	52.20003	187.75423	11.56535	0.1354760	2.6088945	62757
(85561)	14.7	191.35007	309.52516	118.24121	16.79479	0.2073144	2.7238357	62737	(85613)	14.3	101.40915	100.14655	19.42048	14.41237	0.1449331	3.1795223	62757
(85562)	16.0	295.21286	265.18626	140.92040	3.26672	0.2431847	2.3836275	62737	(85614)	14.7	65.83383	138.53733	30.11139	9.29178	0.1680952	3.1489309	62757
(85563)	15.3	220.53368	260.27296	131.78977	23.79973	0.1211339	1.9449603	62738	(85615)	15.5	209.22826	358.88960	231.86262	3.55348	0.1384886	2.4383925	62758
(85564)	14.8	250.73733	303.92928	80.03708	13.23362	0.2730053	2.5694654	62738	(85616)	14.5	342.87785	106.23776	182.34731	10.30639	0.1062818	3.0970429	62758
(85565)	15.2	255.82336	197.27412	334.71972	6.23271	0.0672702	2.3340516	62739	(85617)	16.1	189.46514	241.71368	13.91531	0.83335	0.1444025	2.4594112	62759

(85618)	15.1	183.46564	333.56260	232.53034	12.81044	0.1263395	2.6225967	62759	(85670)	17.3	337.48231	305.28780	345.50616	3.12812	0.1513962	2.1878205	62777
(85619)	15.8	112.78743	153.18172	136.65852	13.95047	0.2576355	2.6197340	62759	(85671)	14.0	51.60511	335.85926	312.18146	26.90089	0.1703161	3.1565683	62778
(85620)	14.0	82.52375	24.88963	121.64130	6.70195	0.1337688	3.1834449	62760	(85672)	14.0	350.01442	192.50894	191.62799	27.34238	0.1297099	3.1343313	62778
(85621)	15.7	134.06458	185.09656	102.20588	5.32808	0.1187278	2.5186232	62760	(85673)	14.8	129.45112	320.09227	147.29020	5.75474	0.1111874	2.3228813	62778
(85622)	16.3	246.29772	176.03524	125.12045	7.94208	0.1859534	2.2407540	62760	(85674)	15.9	212.28476	350.08348	45.77877	5.47676	0.1813195	2.3012816	62779
(85623)	14.0	69.25308	101.71744	65.80555	19.93088	0.2009167	3.1907131	62761	(85675)	13.9	336.76416	27.99267	2.08977	12.75574	0.1464336	3.1692422	62779
(85624)	15.6	324.30292	311.36044	159.30803	6.47222	0.1045020	2.3997352	62761	(85676)	16.7	29.57579	321.81996	200.93575	0.66071	0.1350601	2.4299720	62780
(85625)	14.5	32.58524	162.60230	73.29744	8.26721	0.2431810	3.1145504	62761	(85677)	16.7	101.44478	141.40455	334.92365	0.96138	0.1381257	2.3867463	62780
(85626)	14.6	356.20524	254.18614	183.90439	14.58878	0.0893142	2.4327835	62762	(85678)	15.8	263.01833	4.82012	351.11201	5.35930	0.2281527	2.2404707	62780
(85627)	7.4	301.77600	249.06000	55.95203	1.51110	0.0859931	44.1031849	62762	(85679)	15.3	2.31228	28.69125	328.92139	1.29488	0.1422512	3.0962532	62781
(85628)	17.3	114.69767	50.36783	66.87963	13.03356	0.3318934	1.5933096	62762	(85680)	15.4	357.18220	185.61425	224.07386	1.16854	0.0972683	3.0106557	62781
(85629)	14.8	320.83205	67.64457	228.63655	14.32562	0.1746995	3.2267235	62763	(85681)	15.2	9.47915	190.16368	349.37806	14.00118	0.1221949	2.3866769	62781
(85630)	14.7	190.50326	107.13796	106.48838	5.22145	0.1428502	2.5873478	62763	(85682)	15.9	336.89884	232.44386	35.62315	5.71749	0.2166375	2.2016876	62782
(85631)	14.3	77.15725	185.54436	103.28285	15.09695	0.1790481	2.7906487	62764	(85683)	16.4	180.89988	175.50922	224.38723	2.64530	0.1891741	2.3679114	62782
(85632)	14.2	355.41882	99.56881	176.90205	21.49814	0.1002208	3.1991975	62764	(85684)	16.2	279.60933	2.84737	332.66935	3.92021	0.1900056	2.2339005	62782
(85633)	6.8	233.32479	338.33054	101.91198	1.18904	0.0325969	43.3441382	62764	(85685)	15.5	160.26191	238.11909	213.70829	6.98768	0.0664535	2.2788703	62783
(85634)	16.4	256.02405	166.80976	137.90265	6.01440	0.2125184	2.2664906	62765	(85686)	16.6	155.83186	206.91692	139.55479	5.38000	0.2045138	2.5630406	62783
(85635)	15.5	352.10087	86.62338	233.07635	4.82954	0.1200727	3.0303442	62765	(85687)	15.4	221.50387	56.56719	331.51833	5.98657	0.1274267	2.2916490	62783
(85636)	14.3	340.18107	85.07425	304.92740	6.33535	0.1271751	3.0288515	62765	(85688)	15.8	284.83611	98.04173	249.92496	3.36499	0.1716627	2.2121781	62784
(85637)	14.5	59.24689	100.18955	142.72857	15.28863	0.1345423	3.0913342	62765	(85689)	15.0	80.01372	119.63173	255.14171	3.36441	0.0821099	2.7830777	62784
(85638)	13.6	318.54677	80.73559	293.85412	20.65076	0.0957935	3.1595574	62766	(85690)	16.4	195.32666	85.62867	304.72867	2.53528	0.2327787	2.3698019	62785
(85639)	16.0	187.26995	196.34926	198.68013	3.02069	0.2277649	2.3059625	62766	(85691)	15.8	171.39427	303.01677	1.92972	3.12043	0.1655568	2.6262130	62785
(85640)	21.2	305.94239	116.63654	300.09028	4.52413	0.4861365	1.5824206	62766	(85692)	14.7	144.20269	139.57291	169.17424	17.39628	0.1306010	2.7265990	62785
(85641)	15.7	358.95253	184.66861	292.66612	14.13476	0.0556110	2.5422863	62767	(85693)	15.4	238.80744	183.14297	195.45818	4.79478	0.1511139	2.2709003	62786
(85642)	15.9	275.82748	44.58419	305.39544	4.13528	0.1850507	2.1950837	62767	(85694)	14.4	45.20146	89.91110	346.29577	12.38166	0.0313238	2.6959835	62786
(85643)	14.0	57.08857	104.46737	145.87958	16.37849	0.2318464	3.2184337	62767	(85695)	16.6	135.28028	224.95039	194.14833	11.35832	0.1703270	2.4798769	62786
(85644)	14.5	191.73665	258.75633	153.00587	6.21946	0.1977694	2.2818374	62768	(85696)	15.7	352.30628	220.30551	20.05121	5.94132	0.1524070	2.2765477	62787
(85645)	14.4	93.52974	25.78999	308.93253	9.50531	0.2116013	2.7802934	62768	(85697)	15.6	305.30614	318.40576	350.55362	4.94466	0.1946115	2.2340553	62787
(85646)	14.8	257.21811	35.57263	326.10934	5.07795	0.1949825	2.2273938	62769	(85698)	15.8	229.82442	17.01393	4.87903	2.15283	0.1397482	2.2902318	62788
(85647)	15.6	227.15020	358.34420	34.88076	8.33340	0.1626787	2.2027542	62770	(85699)	16.5	175.44291	267.18542	143.16774	2.74279	0.2009085	2.3823232	62788
(85648)	14.2	39.50646	332.23481	317.31511	16.81893	0.1823054	3.1702883	62770	(85700)	15.0	87.04326	260.07463	118.71407	5.85567	0.0154991	2.7309232	62788
(85649)	16.2	258.00762	174.90295	187.33692	3.22130	0.2309287	2.1255909	62770	(85701)	14.8	42.27365	218.64696	280.87372	3.95614	0.1108440	2.5242146	62789
(85650)	14.4	53.39110	124.51428	203.37214	15.53515	0.1175126	3.2163376	62770	(85702)	15.5	270.46860	18.52290	332.34122	7.60851	0.1480435	2.2550533	62789
(85651)	15.8	164.90458	78.81332	299.01773	7.93110	0.2359997	2.4354373	62771	(85703)	14.3	359.07290	34.25394	6.87231	11.98709	0.1336204	3.0998543	62790
(85652)	13.8	69.49657	290.78783	331.94854	15.35793	0.1983700	3.0957694	62771	(85704)	16.5	110.12512	75.23481	332.67568	2.41340	0.1627519	2.5425181	62790
(85653)	15.5	214.96840	211.48872	166.44639	7.05147	0.2442640	2.3057345	62772	(85705)	16.1	331.97450	313.51398	345.97469	2.52206	0.2053328	2.2117512	62790
(85654)	14.3	350.26419	64.86573	295.53911	5.57375	0.1635395	3.1931963	62772	(85706)	16.6	290.02694	307.89516	40.11962	1.34459	0.1948601	2.2086147	62791
(85655)	15.5	299.89793	33.67902	290.80183	3.77120	0.2090672	2.1865694	62772	(85707)	15.2	355.00481	232.62827	359.78051	25.91977	0.2412540	2.2833399	62791
(85656)	15.9	278.09975	122.26673	224.55304	4.29812	0.1720212	2.2010706	62773	(85708)	15.9	211.51312	245.00402	164.60884	4.99772	0.1695469	2.2673257	62792
(85657)	16.5	263.35093	125.76834	195.91259	4.55607	0.1468892	2.2793882	62773	(85709)	16.0	48.31543	29.58332	186.66609	24.84646	0.3372894	1.6458072	62792
(85658)	16.2	111.92438	19.68688	301.56529	8.82098	0.2036586	2.7524967	62773	(85710)	16.6	97.39591	68.27507	353.96725	11.07577	0.1776891	2.5749232	62794
(85659)	16.5	178.06061	187.82674	241.39414	6.36540	0.0221388	2.2434477	62773	(85711)	16.0	287.00213	292.04803	358.03905	6.63990	0.1834299	2.3088087	62794
(85660)	13.7	353.75083	36.21001	330.24945	19.87659	0.1398484	3.1685641	62774	(85712)	16.5	26.78026	199.45474	19.10488	1.21346	0.0994393	2.2831217	62795
(85661)	15.6	274.38911	132.49774	213.31439	4.74129	0.1689738	2.2204177	62774	(85713)	15.8	26.81567	102.27855	41.68896	10.76141	0.6396941	1.9239530	62795
(85662)	14.6	86.76145	69.84694	337.20119	12.23711	0.2745070	2.6629365	62774	(85714)	15.4	74.09469	274.43726	193.10580	26.33250	0.1560772	2.5701537	62796
(85663)	15.9	341.35434	99.85210	163.78759	4.80726	0.1542333	2.2180961	62775	(85715)	16.0	218.34351	165.88104	227.43612	2.80403	0.1400865	2.2904546	62796
(85664)	16.0	286.71588	0.65428	348.03300	4.79301	0.1676403	2.1881078	62775	(85716)	13.0	9.59730	13.92838	347.02750	12.21095	0.0185173	3.1736043	62797
(85665)	14.5	4.41683	205.29749	156.36537	2.49841	0.2097133	3.1639386	62776	(85717)	15.0	145.85960	297.59141	155.09178	5.23979	0.1635790	2.3468995	62797
(85666)	15.4	234.83193	10.60239	357.61741	6.70959	0.1157804	2.2760476	62776	(85718)	16.2	272.17360	302.05959	3.69551	6.75410	0.1236291	2.3353362	62798
(85667)	14.6	33.75037	84.13791	247.51866	7.40363	0.2248476	3.1420858	62776	(85719)	15.6	98.14651	303.44104	102.70466	3.35999	0.2075085	2.6547781	62798
(85668)	15.3	131.87464	78.51191	297.01037	3.55879	0.3091963	2.6106662	62777	(85720)	15.4	151.69553	349.97076	12.28563	5.75382	0.3153858	2.5605344	62799
(85669)	16.9	221.79068	197.68455	192.13647	3.80268	0.1263696	2.3309630	62777	(85721)	16.1	274.41757	26.86642	324.73361	6.75638	0.1684960	2.2244648	62799

(85722)	15.3	356.92125	351.51195	72.53164	5.75887	0.1511374	3.0660896	62800	(85774)	19.2	112.41242	49.92882	64.74529	13.59143	0.3293897	1.4043558	62818
(85723)	16.6	269.62283	146.67987	169.31422	5.83509	0.1729176	2.3455681	62800	(85775)	16.2	155.62167	45.27233	34.47573	1.74793	0.1474430	2.4300178	62819
(85724)	15.3	94.17656	152.69805	272.13451	7.80927	0.2284685	2.5871711	62800	(85776)	16.0	151.32657	280.81521	153.46128	1.73304	0.1595422	2.4254766	62819
(85725)	15.5	145.26708	142.38515	265.51646	5.73379	0.1032455	2.4121854	62801	(85777)	16.2	309.27621	255.72325	69.44733	6.66148	0.2095874	2.2122498	62820
(85726)	16.5	322.61486	15.66151	296.38284	2.05384	0.1464050	2.2209464	62801	(85778)	16.9	159.88555	55.91460	358.18803	1.81779	0.1996247	2.4581306	62820
(85727)	15.7	315.38750	205.81076	59.20559	6.51660	0.2138203	2.3356001	62801	(85779)	15.9	214.77305	342.25870	42.25748	7.32306	0.1280110	2.3482094	62820
(85728)	17.9	307.59186	168.29397	193.79905	2.36637	0.1579953	2.1369239	62801	(85780)	15.9	95.18348	355.91819	31.05977	3.47037	0.1776471	2.6221432	62821
(85729)	15.1	117.77717	68.29315	275.91024	5.27923	0.0697282	2.7195752	62802	(85781)	15.0	152.44926	197.97962	233.97960	6.97014	0.1905774	2.4648044	62821
(85730)	16.1	288.79790	310.10228	42.94387	3.71861	0.2164077	2.1847851	62802	(85782)	14.6	147.83793	62.00114	233.15368	9.41546	0.0668186	2.9767860	62821
(85731)	15.9	240.25581	128.11809	243.89844	4.59137	0.1823497	2.2791286	62802	(85783)	16.1	227.17431	294.22748	51.49065	3.22735	0.2129609	2.4202393	62822
(85732)	14.8	342.40071	210.38013	205.36358	7.74696	0.0442608	3.0609616	62803	(85784)	15.1	292.70362	272.97553	230.08326	8.00211	0.1379678	3.1334549	62822
(85733)	15.9	244.07830	218.17804	16.49137	3.15506	0.0595198	2.6603342	62803	(85785)	15.2	51.90900	187.47829	200.56898	13.43868	0.2330897	2.9389178	62822
(85734)	16.3	240.90853	143.36694	224.68026	2.55339	0.1701216	2.2924208	62803	(85786)	14.5	117.68371	334.61256	46.91674	13.70192	0.1723311	2.6855250	62823
(85735)	15.2	343.00928	221.98440	47.22576	6.33223	0.1664493	2.2215068	62804	(85787)	16.4	224.16609	141.70248	239.03546	5.82571	0.1398770	2.3474375	62823
(85736)	14.8	48.63438	54.91828	14.15207	11.93920	0.1622260	2.7528664	62804	(85788)	15.7	244.94953	287.44622	68.85898	8.03671	0.1309358	2.3424117	62823
(85737)	16.3	175.27001	200.77375	180.08606	6.00815	0.1224842	2.4431022	62805	(85789)	16.1	151.57774	15.37784	58.43738	3.33176	0.1474464	2.4433521	62824
(85738)	15.7	212.07528	359.36244	31.85887	5.46500	0.1250445	2.3145659	62805	(85790)	15.6	138.34092	133.26866	314.69106	1.71050	0.1645263	2.4552470	62824
(85739)	17.4	236.06598	266.17637	74.44262	3.59802	0.1804120	2.3527733	62805	(85791)	15.9	110.43215	88.56531	280.78956	3.69190	0.1703903	2.7622168	62824
(85740)	16.4	283.41716	167.15244	178.50875	5.33842	0.2048508	2.2253808	62806	(85792)	15.6	115.65078	347.07556	78.13721	4.23316	0.0801185	2.5774988	62825
(85741)	15.6	203.20660	32.83888	7.44464	6.53115	0.0840520	2.3257379	62806	(85793)	15.3	18.84734	21.89485	27.05999	3.91133	0.1605215	3.0665084	62825
(85742)	15.7	59.16297	355.53930	187.72374	6.48234	0.0667434	2.3234971	62806	(85794)	15.9	84.96425	39.34112	78.07259	5.47246	0.1595072	2.5972450	62825
(85743)	16.8	174.23769	1.78081	42.62092	5.51201	0.1783169	2.4041335	62807	(85795)	15.8	241.37707	338.18573	31.38383	7.85826	0.1237095	2.3301091	62826
(85744)	15.5	302.83832	60.48849	268.11479	3.09104	0.2239768	2.2124981	62807	(85796)	15.5	64.28947	266.14831	66.23902	1.97772	0.1515953	3.1268198	62826
(85745)	15.0	113.40926	0.20239	34.31239	12.09328	0.1820230	2.6341954	62807	(85797)	15.6	189.61185	303.39599	110.37615	3.31559	0.1854832	2.3880636	62826
(85746)	15.9	269.32458	142.61169	205.88035	5.66010	0.1378667	2.2725737	62808	(85798)	11.8	204.98308	142.02162	227.43306	31.98676	0.0606270	5.2259098	62827
(85747)	15.7	303.14965	345.33974	336.56154	4.96013	0.1721788	2.2403196	62808	(85799)	16.1	282.46360	309.20365	103.66014	5.12440	0.1636088	2.1592404	62827
(85748)	16.6	204.99285	8.51981	17.40778	2.68405	0.2191462	2.3720050	62809	(85800)	14.8	93.28865	139.27694	298.89835	12.48939	0.1234085	2.6221032	62827
(85749)	16.3	149.12708	46.86437	333.89920	3.61734	0.1850481	2.5606535	62809	(85801)	15.3	152.40901	83.99982	294.47147	10.61459	0.1778129	2.5951118	62828
(85750)	15.7	121.35104	213.86622	199.21405	13.00314	0.1708007	2.5752266	62809	(85802)	15.7	302.54456	0.65649	237.47973	2.00000	0.0776229	2.5921036	62828
(85751)	16.2	237.40249	329.48644	30.82021	3.68495	0.1562946	2.3374297	62810	(85803)	14.9	102.35882	260.53735	212.55219	25.65229	0.3191847	2.6048214	62828
(85752)	16.2	182.95396	111.93603	309.32105	1.70643	0.1867453	2.3501556	62810	(85804)	15.3	81.23515	269.67842	285.86644	27.66108	0.3543583	1.7210740	62829
(85753)	15.9	340.50904	105.13056	136.11030	5.80858	0.0666352	2.3398995	62810	(85805)	16.3	213.58048	230.63007	158.51462	0.46621	0.1454324	2.3866657	62830
(85754)	14.5	336.00018	32.95794	14.70872	3.30578	0.1677546	3.2270317	62810	(85806)	14.6	246.14076	160.58726	290.81865	6.74699	0.1169468	2.2272965	62830
(85755)	15.3	66.04559	27.95766	15.13765	4.02039	0.1040624	2.7809139	62811	(85807)	12.2	150.50918	205.32488	237.84393	26.50247	0.0877348	5.1688822	62830
(85756)	14.9	89.22888	338.01024	20.34678	1.99571	0.0937125	2.8427112	62811	(85808)	15.7	191.57819	172.52900	229.41851	5.70519	0.1271357	2.4187442	62831
(85757)	15.4	65.74288	226.30837	231.48150	4.98939	0.0482410	2.5626841	62811	(85809)	14.9	133.71872	310.23814	35.82522	9.73709	0.2095890	2.7572144	62831
(85758)	15.7	312.45238	191.55748	70.95537	6.40832	0.1099553	2.3647418	62812	(85810)	16.1	282.46051	326.85695	79.30277	4.41730	0.1467526	2.1754646	62831
(85759)	15.7	232.76347	163.80075	165.32345	6.66840	0.1838103	2.4009774	62812	(85811)	16.1	176.20459	1.20678	64.13761	4.83379	0.1740990	2.4189693	62832
(85760)	15.5	302.93227	51.30801	222.33286	10.58320	0.1307595	2.3394451	62813	(85812)	15.5	57.90027	235.98190	190.26496	1.80978	0.1888986	2.8481490	62832
(85761)	16.6	215.13801	176.22112	221.87182	4.10143	0.0998499	2.2789152	62813	(85813)	16.2	59.55406	274.04710	269.11281	3.08716	0.1227539	2.5851862	62833
(85762)	16.8	335.79310	90.77168	213.41220	4.39907	0.2809131	2.1780315	62813	(85814)	14.6	138.00698	60.21649	88.53647	23.75760	0.2455445	2.3084693	62833
(85763)	16.1	333.83503	51.38541	195.96148	3.77564	0.115324	2.3467480	62813	(85815)	16.5	198.30725	332.51561	52.65858	2.21737	0.1789249	2.4368300	62833
(85764)	15.1	90.36475	207.91395	85.99480	0.19943	0.1840599	3.1724030	62814	(85816)	15.8	278.88143	201.31404	153.94517	4.77317	0.1840991	2.2896639	62834
(85765)	15.2	310.30267	75.57945	126.78633	0.19220	0.1917367	2.5897067	62814	(85817)	16.9	156.48473	255.11282	186.55955	0.93708	0.1580930	2.4323588	62834
(85766)	16.6	4.76612	315.98649	251.15006	3.79458	0.0326393	2.4429470	62815	(85818)	15.5	125.87661	301.31034	235.69377	62.70047	0.4171757	1.6567002	62834
(85767)	14.3	334.34913	62.30865	27.51281	12.42271	0.0669365	3.0681718	62815	(85819)	16.1	304.49440	112.42749	259.31317	5.84596	0.2014454	2.1942037	62835
(85768)	15.4	333.25183	72.05097	220.18587	6.79354	0.1523058	2.2637027	62815	(85820)	14.2	339.56326	50.57818	69.68452	11.52212	0.0785314	3.0218344	62835
(85769)	15.3	195.32554	171.03397	236.03526	24.33569	0.1872115	2.3297933	62816	(85821)	14.4	210.08369	154.99346	294.11675	4.78128	0.0530039	2.3929710	62836
(85770)	20.6	4.79172	234.40445	18.41024	33.17463	0.3448795	0.9989114	62816	(85822)	12.5	183.49606	324.51897	86.91103	11.32235	0.1268426	5.1667900	62836
(85771)	16.1	89.08943	225.58995	166.04544	13.12454	0.1635376	2.6337874	62817	(85823)	15.2	329.18838	44.44869	81.47661	3.12718	0.1127647	3.0312171	62837
(85772)	16.2	292.83741	286.37369	46.95281	7.61159	0.1745477	2.2561372	62817	(85824)	15.8	94.04357	282.61532	237.76365	1.25091	0.0858073	2.5216342	62837
(85773)	14.6	176.68811	117.77495	290.16012	5.53520	0.1269954	2.4375423	62817	(85825)	15.7	72.87267	127.81462	105.60995	7.82612	0.0753547	2.3710835	62837

(85826)	14.2	358.36555	77.82821	26.20685	10.45870	0.1510738	3.0802938	62838	(85878)	16.2	243.14279	281.39710	143.52117	6.66446	0.1176080	2.3392084	62861
(85827)	14.9	223.25761	163.30554	287.58918	4.30681	0.1556247	2.2834364	62838	(85879)	14.9	198.34582	177.21004	307.57653	23.92331	0.0823601	2.3194732	62861
(85828)	14.8	226.60144	148.91171	304.90408	5.90958	0.1246726	2.2660370	62839	(85880)	15.8	51.12775	204.20071	337.35784	2.37955	0.1054789	2.7215809	62862
(85829)	15.8	213.99839	188.44048	189.95296	0.75270	0.2026477	2.4289207	62839	(85881)	14.9	167.84971	14.37723	114.37794	13.22529	0.1249746	2.3986113	62862
(85830)	15.6	133.72098	277.70090	140.65296	3.36697	0.1960821	2.6129409	62840	(85882)	15.4	258.11740	322.55558	101.07427	12.08422	0.1622941	2.2943203	62863
(85831)	15.1	110.59151	13.51284	65.85333	5.73049	0.1287911	2.6047915	62840	(85883)	14.3	38.58970	128.71567	96.31974	16.69775	0.0758358	2.5537859	62863
(85832)	15.1	178.10867	59.88826	349.18906	1.95767	0.1927132	2.4532386	62841	(85884)	15.5	98.66177	103.91255	42.16339	2.68463	0.1287438	2.6081391	62863
(85833)	13.9	141.35938	274.46576	67.17545	15.48387	0.1736698	2.8041466	62841	(85885)	15.1	24.58650	294.57358	338.93304	7.32150	0.0793605	2.4492946	62864
(85834)	15.3	123.88620	73.12891	94.94929	3.14535	0.1433902	2.4078385	62841	(85886)	14.8	119.57784	354.08594	115.98901	14.69740	0.2260428	2.6226214	62864
(85835)	16.4	345.63100	266.32793	95.87519	3.30208	0.1560440	2.1371838	62842	(85887)	15.7	173.50744	39.97271	99.38214	9.67872	0.1456312	2.3814952	62865
(85836)	15.2	173.23450	8.10830	107.04694	2.30922	0.1428283	2.4246264	62843	(85888)	14.5	343.74869	260.70892	355.75832	12.49422	0.1539475	2.6977292	62865
(85837)	15.4	293.71084	108.26169	313.29592	5.39807	0.0839163	2.2282013	62843	(85889)	14.9	108.24660	36.83922	112.85724	13.87000	0.1174784	2.5724543	62866
(85838)	15.4	79.36406	279.16794	324.84272	5.87059	0.0805932	2.3716207	62844	(85890)	15.0	324.99255	280.41304	112.09136	7.55590	0.1474548	2.2325312	62866
(85839)	16.3	82.17336	199.41303	28.61858	9.32576	0.2479934	1.6538445	62844	(85891)	15.0	74.35958	31.39134	135.90418	12.73939	0.1349622	2.6666361	62867
(85840)	14.4	327.22812	119.28171	45.35752	11.00573	0.0302688	2.9989774	62844	(85892)	15.5	54.03685	99.11734	137.49709	11.99777	0.2347571	2.5742861	62867
(85841)	16.4	109.64295	26.53215	76.29923	4.56503	0.1709447	2.6234002	62845	(85893)	15.5	94.33910	113.51407	75.09958	0.48939	0.0891193	2.5274322	62867
(85842)	15.1	112.89897	31.37574	81.92306	6.00897	0.1271258	2.6127849	62845	(85894)	15.5	46.16456	193.02612	356.25923	3.51547	0.1392706	2.7220957	62868
(85843)	15.6	272.59797	313.39860	114.57143	6.07551	0.1500370	2.2247576	62845	(85895)	14.4	174.07301	307.18497	138.48017	15.01196	0.1538770	2.5332232	62868
(85844)	15.2	4.35722	210.99693	291.68623	6.79052	0.1490352	3.0101439	62846	(85896)	14.8	116.01325	58.04382	43.96635	5.66593	0.1981976	2.6810761	62869
(85845)	15.9	304.47271	223.17752	122.64548	6.18630	0.2346185	2.3513656	62846	(85897)	15.1	206.87640	106.44405	359.06270	10.40935	0.0167093	2.4044943	62869
(85846)	16.2	314.86240	250.04689	100.70949	7.49261	0.1387116	2.3129262	62847	(85898)	14.8	197.96606	111.70356	4.33906	6.79547	0.0653332	2.4004001	62869
(85847)	15.0	164.31068	235.87713	138.03091	14.16525	0.1661492	2.6101185	62847	(85899)	15.6	210.28479	39.56646	57.95906	3.00970	0.1700274	2.3871511	62870
(85848)	17.3	333.60530	54.88672	302.96183	6.86987	0.2791888	2.1989501	62847	(85900)	15.2	216.67140	90.03499	2.18751	2.18241	0.1670487	2.3887063	62871
(85849)	15.2	186.97114	31.86047	83.52923	6.14322	0.1577558	2.3581180	62848	(85901)	15.4	59.91350	26.91609	157.26196	12.48299	0.1648292	2.6552701	62871
(85850)	15.4	189.56392	53.58844	49.69546	5.70801	0.1276570	2.4275184	62848	(85902)	14.6	184.96130	237.51527	248.78773	5.44686	0.0758513	2.3800918	62872
(85851)	14.3	147.01612	24.78548	112.52834	12.62436	0.1085523	2.4546125	62849	(85903)	15.6	66.46518	264.65730	240.50989	7.40543	0.1598176	2.7571431	62872
(85852)	14.8	153.30844	297.77522	114.06014	12.94768	0.2268348	2.6432955	62849	(85904)	15.6	130.44262	210.80584	257.14781	6.53852	0.0776616	2.6265487	62873
(85853)	15.0	38.80800	225.97630	297.64394	16.26298	0.0953503	2.7457424	62850	(85905)	15.8	90.30039	13.83993	170.78102	5.04109	0.2180292	2.5662651	62873
(85854)	15.1	128.36498	168.44415	289.74071	6.38693	0.1796454	2.5971930	62850	(85906)	15.1	202.05666	196.90381	271.98875	5.70310	0.0627356	2.3915549	62874
(85855)	15.4	142.11076	218.35308	315.34414	1.78021	0.0872626	2.3479823	62850	(85907)	15.3	163.23991	70.91611	69.53207	3.13114	0.1458163	2.3793862	62874
(85856)	16.0	340.99256	35.98604	318.85483	5.01752	0.1877884	2.2761903	62851	(85908)	15.8	248.73078	319.63409	115.75343	5.32102	0.1082916	2.2911128	62875
(85857)	15.0	85.06753	289.01552	278.23025	10.08205	0.1250473	2.4300138	62851	(85909)	15.9	256.03798	353.04144	105.73893	6.41263	0.0384059	2.2229203	62875
(85858)	15.5	81.15212	88.73430	111.12560	5.36112	0.1468597	2.4423909	62852	(85910)	16.0	107.38723	33.92325	74.01861	6.08825	0.2611351	2.6473799	62876
(85859)	17.7	323.69881	146.89731	205.64573	0.78084	0.1619424	2.3111276	62852	(85911)	15.7	344.53677	122.74882	143.33991	5.63802	0.1781044	2.6645321	62876
(85860)	16.4	33.38265	300.33553	280.13736	0.72790	0.0844978	2.5840712	62852	(85912)	15.8	16.74329	87.65939	138.21322	3.77901	0.0475135	2.6471226	62876
(85861)	15.2	202.32309	352.23997	119.30999	6.92649	0.0535070	2.3336133	62853	(85913)	14.9	114.14557	13.97549	106.43630	14.74430	0.1469835	2.6288194	62877
(85862)	14.8	255.56024	105.12887	350.17498	2.77128	0.1015945	2.2590829	62853	(85914)	15.9	84.87915	14.15631	136.89637	4.75225	0.1101129	2.6610589	62877
(85863)	15.4	136.02492	195.23244	325.21446	6.57546	0.0569053	2.4156598	62854	(85915)	14.4	147.37600	11.61921	93.97077	11.82969	0.0845186	2.5658884	62877
(85864)	16.2	285.23219	247.85666	90.29784	2.45506	0.1965181	2.4317930	62854	(85916)	15.2	144.37763	352.26684	103.30064	6.39964	0.1278737	2.6153571	62878
(85865)	15.1	172.16770	284.54973	141.61231	13.20130	0.1465742	2.5646771	62855	(85917)	15.1	98.01740	30.40899	109.60799	9.62353	0.0885241	2.6562618	62878
(85866)	15.3	93.01721	191.27453	289.36881	7.70733	0.1544484	2.6768901	62855	(85918)	15.5	46.91813	175.02408	12.70998	6.27721	0.1723684	2.7384563	62879
(85867)	18.1	38.67034	286.92078	254.77428	0.94271	0.3021558	1.8303721	62856	(85919)	14.8	307.89626	69.81308	345.92580	4.93302	0.1210867	2.2368544	62879
(85868)	15.7	129.33341	94.75378	36.20412	0.97485	0.0446609	2.5406071	62857	(85920)	14.8	139.04757	113.64608	335.79709	12.34476	0.1408497	2.6674626	62879
(85869)	15.1	250.56038	113.92392	324.92114	6.27949	0.0717611	2.3080380	62857	(85921)	15.3	108.12428	111.71994	64.35200	5.46514	0.0953879	2.5372744	62880
(85870)	14.9	66.86539	198.42438	315.19627	12.56579	0.1661724	2.6409254	62858	(85922)	14.7	113.02999	22.96009	177.33778	7.02208	0.0512332	2.3674918	62881
(85871)	15.3	100.87407	23.61773	113.36001	7.44854	0.1428502	2.5905255	62858	(85923)	14.5	126.90100	203.30287	265.46912	13.88101	0.0511302	2.6204154	62881
(85872)	15.9	43.83971	225.95403	321.71272	3.96680	0.1510480	2.6623640	62858	(85924)	15.5	89.72678	235.64545	262.23715	12.23069	0.1246825	2.6731715	62882
(85873)	15.4	156.43550	90.95994	97.35453	4.78491	0.0647837	2.2803287	62859	(85925)	15.3	206.23533	183.75587	272.83102	6.79241	0.0801119	2.3984575	62882
(85874)	15.2	296.97598	316.00006	108.67998	7.00855	0.1207666	2.2458425	62859	(85926)	15.4	54.56741	290.55935	304.65591	10.12428	0.2842353	2.5935574	62883
(85875)	13.9	115.54320	109.30438	15.14486	9.36215	0.0976442	2.6736418	62860	(85927)	14.2	203.19762	103.73159	295.70192	11.12771	0.2650477	2.5814041	62883
(85876)	14.1	335.29662	30.75293	339.15038	22.82809	0.1815913	2.2760133	62860	(85928)	14.8	160.70089	3.90218	80.22129	14.25405	0.1346887	2.5394568	62883
(85877)	15.8	253.99140	111.80051	314.43857	7.11490	0.0868792	2.3510345	62861	(85929)	14.4	91.34346	67.17307	83.76874	16.74517	0.1528045	2.6133659	62884

(85930)	14.8	101.45235	89.65021	36.66991	14.17555	0.1418271	2.6386484	62884	(85982)	14.4	264.46027	351.11846	2.41697	8.91008	0.1156700	2.6902980	62906
(85931)	13.5	49.99356	16.57237	50.76155	16.17491	0.1464978	3.1046958	62885	(85983)	15.5	19.92104	103.63396	212.50069	9.81397	0.2948835	2.6156239	62907
(85932)	16.4	281.41781	216.97397	124.24675	2.36600	0.1020574	2.4807838	62885	(85984)	14.4	350.02183	17.25147	238.93877	14.25402	0.2507054	2.9220199	62907
(85933)	16.7	340.41879	112.82624	217.56270	1.39932	0.2269263	2.3930631	62885	(85985)	15.2	32.54986	112.24063	162.62498	13.87067	0.2546415	2.6940002	62908
(85934)	16.1	314.48948	155.98014	151.23183	3.22900	0.1292335	2.5456795	62886	(85986)	15.2	62.60398	80.38030	128.90993	14.38186	0.1996957	2.7455654	62908
(85935)	16.6	21.44261	33.14970	237.05795	0.62047	0.1621595	2.5910635	62886	(85987)	15.6	224.43780	296.82092	48.52069	23.51674	0.0668700	1.9111693	62909
(85936)	16.1	356.23593	93.67194	172.15913	4.77048	0.0684225	2.6638977	62886	(85988)	14.3	82.74446	333.84603	204.89893	27.68072	0.14450897	2.7896442	62909
(85937)	14.8	200.01279	183.92330	302.64595	25.12861	0.1961051	2.3436232	62886	(85989)	17.1	186.27119	309.14032	130.30272	17.04554	0.6328790	0.8826577	62909
(85938)	18.6	30.45594	197.50139	20.02142	9.15323	0.4832608	1.8522970	62887	(85990)	20.0	303.95097	235.58770	124.65120	5.31492	0.3112118	1.0075620	62911
(85939)	14.2	123.43901	237.29476	254.40262	12.29626	0.1298219	2.5785107	62888	(85991)	15.2	282.64090	97.90268	228.35225	0.40972	0.1774305	3.0120461	62912
(85940)	15.8	65.10771	69.47822	76.84060	8.60393	0.2627269	2.7394793	62889	(85992)	14.7	36.55506	330.18617	230.73615	16.94976	0.1634389	2.8535932	62912
(85941)	14.5	43.03237	94.39031	112.06385	16.83114	0.1720926	2.6594017	62889	(85993)	15.6	9.68241	325.99076	313.89845	2.49701	0.1641482	2.7403269	62913
(85942)	14.6	270.69635	21.59069	16.03864	14.80138	0.0954742	2.5237731	62889	(85994)	15.2	34.78647	112.07698	100.36893	4.14952	0.1689076	2.8764414	62913
(85943)	15.4	309.52098	6.54714	321.01556	3.65562	0.1865381	2.5145991	62890	(85995)	14.8	66.76925	91.71719	59.49198	12.91566	0.1261348	3.0073470	62914
(85944)	15.7	294.70539	3.17926	330.09506	3.44478	0.1705840	2.5412079	62890	(85996)	15.3	23.81835	227.54720	41.83022	15.38013	0.0710138	2.6426374	62914
(85945)	15.7	358.33216	327.83691	21.37995	9.17609	0.1923839	2.4504872	62890	(85997)	15.1	340.31568	207.00306	75.10159	7.77549	0.0849322	2.8127150	62914
(85946)	16.3	334.80474	106.06432	166.63697	2.31573	0.0689913	2.6434157	62891	(85998)	15.1	20.35219	99.53459	191.54305	11.97297	0.2619566	2.6770294	62915
(85947)	13.9	80.07620	89.67613	76.91750	28.63395	0.2054581	2.6520451	62891	(85999)	14.8	331.92129	232.79265	180.32097	6.41503	0.1199123	2.3413166	62915
(85948)	16.2	31.50005	95.68183	150.66108	11.81759	0.2934597	2.6400146	62891	(86000)	15.0	61.06712	95.69623	167.05000	14.72971	0.0877907	2.5890050	62915
(85949)	15.7	281.07976	178.60881	169.14077	11.96904	0.0837391	2.6162435	62892	(86001)	14.3	304.63022	51.50465	212.11487	21.98301	0.1532902	3.1928648	62916
(85950)	13.9	3.61517	153.12982	186.72220	26.18141	0.2229264	2.3894076	62892	(86002)	15.1	20.84407	104.98073	178.31487	11.99852	0.1828546	2.6526083	62916
(85951)	14.5	102.25058	178.68425	8.82641	12.67016	0.0805141	2.5601477	62892	(86003)	15.5	79.83162	32.85424	166.02558	7.45815	0.2448707	2.6671029	62917
(85952)	16.3	47.61503	83.72942	183.44819	4.00828	0.2168853	2.6014016	62893	(86004)	14.8	61.90973	161.29027	62.42986	14.09203	0.1111413	2.6683946	62917
(85953)	18.2	31.64926	172.32098	180.55206	12.60027	0.7032075	0.7387145	62893	(86005)	14.6	5.14386	192.60990	90.28426	10.81790	0.2794282	2.7613710	62918
(85954)	14.7	279.17726	90.84310	1.76603	3.61186	0.0903471	2.2345729	62895	(86006)	13.8	173.28302	265.45485	173.74918	12.25167	0.1497043	2.7446518	62918
(85955)	14.6	341.32693	14.09383	185.14001	19.93182	0.1302788	3.1327792	62895	(86007)	14.6	39.18172	144.97934	117.65868	14.29359	0.1695542	2.6705067	62919
(85956)	15.2	173.92421	170.06571	319.66467	4.31265	0.1389601	2.4277004	62895	(86008)	15.3	24.04320	156.90284	127.88911	8.32566	0.2210055	2.6877389	62919
(85957)	15.8	228.88108	126.28051	342.43268	3.24532	0.1879425	2.3094461	62896	(86009)	14.9	349.90200	140.53816	174.92062	8.60466	0.2963123	2.7770993	62919
(85958)	14.7	315.61200	43.43927	359.11407	4.62440	0.1414924	2.2628469	62896	(86010)	15.3	12.77034	140.93532	145.23896	14.96778	0.1402745	2.7136830	62920
(85959)	15.2	337.92764	224.83726	159.34822	6.61895	0.1131313	2.2682649	62897	(86011)	14.5	319.60692	227.55346	111.21938	16.02778	0.1370750	2.7270921	62920
(85960)	15.4	70.68229	182.80318	338.65823	8.13092	0.0848421	2.7444278	62897	(86012)	15.8	6.95889	146.66837	174.66648	13.22736	0.1757371	2.6428892	62920
(85961)	15.3	244.33494	202.58579	240.54524	1.51055	0.10963558	2.3379078	62897	(86013)	14.9	59.85890	87.59376	175.25659	11.91884	0.0789746	2.6150529	62921
(85962)	16.0	77.85037	222.23378	353.30483	4.71338	0.1193676	2.5471560	62898	(86014)	15.1	11.24940	148.68216	139.28645	11.35925	0.2591454	2.7762662	62921
(85963)	15.7	59.96478	29.54999	158.81931	13.49676	0.0995636	2.6989333	62898	(86015)	15.0	16.67088	118.81052	184.65760	12.15515	0.1987778	2.6936920	62922
(85964)	15.9	62.72264	323.67191	217.33872	2.17318	0.1256062	2.7181234	62899	(86016)	14.7	35.54713	112.20390	164.31398	14.66194	0.0858751	2.6799643	62922
(85965)	14.9	114.70177	112.86750	342.91545	8.26136	0.2065553	2.7799506	62899	(86017)	14.1	214.73533	4.66066	94.29651	22.89473	0.0559291	2.6489058	62923
(85966)	15.1	261.83218	284.62083	161.09951	10.98289	0.1162431	2.3332381	62899	(86018)	15.6	301.75762	27.11577	48.10113	7.82976	0.0585608	2.3924874	62923
(85967)	14.2	104.44252	139.86217	50.28362	14.95943	0.0456360	2.6246738	62899	(86019)	14.4	294.13000	224.42407	216.19908	5.40182	0.1037221	2.4164050	62924
(85968)	14.8	322.40609	304.28325	57.26699	7.51948	0.0834330	2.4867460	62900	(86020)	14.3	126.09374	27.04242	91.46005	10.89400	0.0516844	2.8078300	62924
(85969)	15.1	230.91753	179.63741	148.03462	5.77841	0.1403840	3.1179777	62901	(86021)	14.0	13.42564	81.96575	261.42533	28.24918	0.3845536	2.7812120	62925
(85970)	15.5	140.91408	281.17113	236.04597	4.40553	0.0886383	2.5907406	62901	(86022)	14.0	296.99513	114.52150	223.15691	8.03496	0.2284540	2.9775396	62925
(85971)	14.3	36.13602	92.51130	66.49086	16.62661	0.1763807	3.0472201	62901	(86023)	15.1	336.07518	183.82673	103.64980	7.05786	0.1312012	3.1017010	62926
(85972)	15.1	50.84735	75.09940	160.58915	13.41927	0.2689076	2.6577082	62902	(86024)	14.0	73.74571	96.72730	125.31510	27.88474	0.1786178	2.6750290	62926
(85973)	14.2	116.42190	142.19918	27.91052	14.46635	0.1117649	2.6110484	62902	(86025)	15.9	103.73668	273.38388	255.62570	25.85001	0.1286699	1.7950726	62926
(85974)	14.9	56.65389	88.25960	195.95990	9.65311	0.2256782	2.5262257	62903	(86026)	14.6	253.04694	307.91530	70.88378	13.09059	0.1960862	2.8715678	62927
(85975)	15.1	56.70487	198.60873	44.05549	14.98134	0.0631771	2.5937225	62904	(86027)	14.9	37.67521	46.53307	225.59703	9.39663	0.1877622	2.7355880	62927
(85976)	15.6	121.37862	126.00117	54.83247	13.91728	0.1083835	2.5610172	62904	(86028)	13.9	344.76185	10.09612	256.24457	22.50764	0.1879875	3.0016820	62927
(85977)	15.0	84.39273	339.99446	162.01125	13.41975	0.2648777	2.7703388	62904	(86029)	15.7	20.42016	166.39557	134.18448	13.83525	0.1807994	2.6534425	62928
(85978)	14.9	76.68252	26.18019	137.45902	8.04176	0.1485273	2.7803467	62905	(86030)	15.6	123.42030	236.54860	267.73689	16.27428	0.0265281	1.9058538	62928
(85979)	15.1	44.02709	83.64238	122.58455	4.31103	0.0419914	2.7375364	62905	(86031)	14.8	33.36782	138.06320	124.40109	26.97970	0.0107006	1.8367947	62928
(85980)	14.9	116.10680	64.06367	115.12670	8.55249	0.1364824	2.5939598	62905	(86032)	15.3	346.57474	174.89802	175.41275	12.43372	0.2098708	2.8060303	62929
(85981)	15.2	144.85494	351.44838	157.86435	14.63975	0.1409981	2.5269574	62906	(86033)	14.3	335.51592	255.68203	132.32328	9.78337	0.2086922	2.7595467	62929

(86034)	13.8	70.36890	313.88347	307.40393	14.18444	0.0867657	2.7916871	62930	(86086)	14.7	281.82452	211.22672	185.39514	9.78510	0.1012619	3.1048990	62951
(86035)	15.8	300.04389	357.21047	307.51842	18.13152	0.0596900	1.9359155	62930	(86087)	16.4	329.26259	187.70080	154.77021	4.61015	0.2332590	3.0832466	62951
(86036)	14.3	327.49527	63.45237	291.23720	15.30350	0.2420115	2.8936688	62931	(86088)	13.6	243.38408	101.35386	336.17300	4.56660	0.1483234	3.1907954	62951
(86037)	13.8	57.35913	11.11816	299.89420	13.35041	0.1074264	2.6228383	62931	(86089)	14.6	359.64422	141.82894	171.48040	9.94860	0.1226254	3.0705437	62952
(86038)	13.3	242.53477	95.88883	326.90152	9.92110	0.0902465	2.9927586	62931	(86090)	14.6	281.26244	254.98339	153.11681	8.27549	0.0859651	3.0765296	62952
(86039)	16.0	332.78882	120.32399	312.01258	7.11476	0.5793062	1.7597009	62932	(86091)	14.2	298.69147	225.14718	182.96929	12.33370	0.1958640	3.0316613	62953
(86040)	14.9	11.74805	134.91541	158.23472	8.25512	0.2056489	2.7889863	62933	(86092)	14.4	320.34738	214.35122	167.21876	5.89260	0.1467985	3.0039314	62953
(86041)	14.7	300.04917	73.95191	287.82268	20.91293	0.0781421	3.1011177	62933	(86093)	13.9	280.84884	2.14140	35.07387	9.35952	0.1052578	3.1653565	62954
(86042)	14.8	37.42255	125.46111	202.70187	13.82489	0.1737008	2.6345748	62933	(86094)	13.7	331.18297	40.20061	279.20998	11.37571	0.3180042	3.0851188	62954
(86043)	14.8	40.84737	118.43501	129.97565	12.55484	0.1623269	2.9381200	62934	(86095)	14.2	315.61395	92.45985	236.18701	14.64559	0.1044488	3.1438123	62954
(86044)	14.2	346.79950	95.81632	235.19549	14.86826	0.2458178	3.0582723	62934	(86096)	14.4	310.89368	156.92189	214.57003	15.94556	0.2346253	3.0421529	62955
(86045)	15.1	155.85131	203.09192	308.76670	20.12547	0.0225483	1.9205258	62934	(86097)	13.8	173.31606	245.45200	270.08875	9.17558	0.0480740	2.9755381	62955
(86046)	14.5	334.47083	109.28274	223.90307	24.08779	0.3733446	3.1278102	62935	(86098)	14.1	17.22560	214.87632	115.55889	2.16825	0.1020940	2.9572027	62956
(86047)	6.8	48.14331	303.73031	301.83645	24.27748	0.1701752	43.7082109	62935	(86099)	14.4	10.24122	0.21580	298.56473	8.10678	0.0911649	3.0913136	62956
(86048)	14.1	278.51294	39.38580	9.38854	9.95991	0.1079464	3.0602598	62936	(86100)	15.1	336.91100	190.80109	140.22770	6.36828	0.1491835	3.1340933	62957
(86049)	15.2	306.75310	237.65404	129.54092	5.57270	0.2009650	3.1129956	62936	(86101)	14.3	313.30932	142.21944	239.11124	5.66589	0.1261223	2.9858075	62957
(86050)	15.5	355.28948	329.64227	345.02301	5.25302	0.2141422	2.9156958	62936	(86102)	13.9	305.86882	87.68202	298.77475	8.60818	0.1004348	3.0163049	62957
(86051)	13.6	13.34889	43.15606	305.60177	6.76068	0.2348856	2.7952717	62937	(86103)	14.3	262.54115	86.06446	337.09516	9.02607	0.0985181	3.1199950	62958
(86052)	13.8	244.38491	162.86983	278.49080	9.18411	0.0814543	2.9805513	62937	(86104)	14.1	284.63840	125.97214	298.12941	8.35542	0.0727235	3.0308279	62958
(86053)	13.4	211.16153	116.24690	350.04635	26.42951	0.1555412	3.1523383	62938	(86105)	14.6	294.24271	90.95126	312.71344	9.23716	0.1091736	3.0978872	62959
(86054)	14.6	312.70620	219.35445	135.36920	11.54896	0.1017113	3.0308085	62938	(86106)	14.0	277.69430	76.68155	324.64483	8.25652	0.0813558	3.0079635	62959
(86055)	14.3	213.53573	140.73532	310.76585	8.19845	0.0467567	3.1066280	62939	(86107)	14.6	294.32284	227.98364	146.48978	9.91878	0.1455746	3.0710715	62959
(86056)	15.3	317.89658	184.83129	156.00490	14.18841	0.2622382	3.1160987	62939	(86108)	14.7	346.30562	70.43316	223.56491	8.29135	0.2184090	3.0572512	62960
(86057)	15.0	333.30996	146.58594	206.32342	0.94395	0.1508085	2.9798760	62939	(86109)	14.1	290.53164	99.12625	286.94203	9.02164	0.1396642	3.0132661	62960
(86058)	13.6	332.87988	337.96623	346.07462	22.81087	0.0891739	3.1243486	62940	(86110)	13.6	171.93826	219.35500	281.93702	8.11066	0.0182894	3.0850786	62960
(86059)	15.6	330.12720	241.86151	163.74131	4.36047	0.1931016	2.8016306	62941	(86111)	13.9	251.52401	184.67606	243.34328	8.54254	0.0771242	3.1057805	62961
(86060)	14.5	341.17842	12.67451	316.90741	6.44477	0.1824042	3.0576918	62941	(86112)	13.3	325.37646	68.39524	308.64067	10.99850	0.0774278	2.9419818	62961
(86061)	12.7	220.58085	99.08339	350.23791	18.24070	0.0988184	3.1841544	62941	(86113)	12.7	195.50071	152.93560	325.62594	12.45073	0.1392201	3.0305606	62962
(86062)	13.5	235.75725	128.26526	339.66842	10.05478	0.0647319	2.9786450	62942	(86114)	14.0	316.97847	15.98454	335.55197	11.24122	0.1315165	3.0365024	62963
(86063)	15.5	354.06797	12.18938	348.79979	8.07892	0.3137904	2.8891422	62943	(86115)	14.0	276.64184	110.99454	278.70330	8.24246	0.0933361	3.1002411	62963
(86064)	14.8	290.27821	12.69310	20.77460	5.70191	0.1649560	3.1552681	62943	(86116)	15.0	315.49930	81.86789	295.09320	9.59703	0.1489908	2.9591731	62964
(86065)	15.0	320.72175	190.09924	162.33103	4.50055	0.1556189	3.0979557	62943	(86117)	14.3	299.71939	68.21520	326.23758	2.13599	0.1922393	2.9744016	62964
(86066)	15.0	308.33395	45.36268	350.73120	10.36690	0.3054073	3.0327514	62944	(86118)	14.7	318.54116	72.96627	347.69781	6.90541	0.1787850	2.7608363	62964
(86067)	16.6	295.44556	301.73369	136.17771	30.53299	0.3239171	1.8172334	62944	(86119)	14.4	298.46628	196.93134	184.20607	10.19368	0.0647470	2.9875794	62965
(86068)	16.4	222.12981	98.85509	339.44735	19.77216	0.0959382	1.9149322	62944	(86120)	14.7	324.19875	7.72457	335.51579	8.34903	0.0563635	3.0286144	62965
(86069)	13.4	258.53859	88.79813	358.63165	12.94726	0.2895639	3.1266378	62945	(86121)	15.0	318.41955	40.63762	318.37250	7.87447	0.1086827	3.0618623	62966
(86070)	14.0	305.94856	295.70288	88.98271	6.25336	0.1444394	3.1720467	62945	(86122)	14.8	353.37464	120.09769	201.08336	9.78774	0.1029462	3.0131876	62966
(86071)	15.9	309.87292	175.13471	349.17775	5.92924	0.1268897	2.3741540	62946	(86123)	14.8	326.85267	67.88268	290.72229	8.89906	0.0933717	2.9749646	62966
(86072)	15.2	321.39545	287.69476	68.86859	1.44267	0.3112984	3.0707329	62946	(86124)	14.2	202.68189	195.09707	286.76455	8.13117	0.0114870	2.9649312	62966
(86073)	15.6	10.82878	132.90772	173.75467	3.27977	0.2649066	2.8760288	62946	(86125)	14.2	18.69757	307.79948	333.26070	9.06983	0.0562290	3.0718885	62967
(86074)	13.9	159.31966	187.61098	318.81204	8.59767	0.0510394	3.0461777	62947	(86126)	14.9	334.31709	165.16501	184.83433	9.94123	0.1561805	2.9786548	62967
(86075)	16.0	155.74446	131.88838	164.85454	6.83587	0.1152627	2.3544424	62947	(86127)	14.4	277.16910	217.61300	184.32553	10.63737	0.1380516	3.0814977	62968
(86076)	15.5	358.81720	339.67538	339.70178	10.30485	0.0963411	2.9678087	62948	(86128)	14.1	160.39535	201.29424	319.26369	8.84125	0.0175964	2.9949877	62968
(86077)	14.8	340.31335	183.73458	150.31825	11.11633	0.0772878	3.0130470	62948	(86129)	14.0	335.09496	35.56694	317.68417	10.03803	0.1144427	2.9743656	62968
(86078)	15.6	136.74886	11.32593	300.42260	5.96158	0.1114171	2.3957330	62948	(86130)	13.3	180.28232	156.43913	329.78379	10.12234	0.0298500	3.1072322	62969
(86079)	15.1	358.44007	122.33269	191.95873	9.56324	0.0931150	3.0181548	62949	(86131)	14.1	335.02680	7.04445	2.69449	11.22267	0.0791271	2.8735883	62970
(86080)	14.9	290.69947	270.12452	122.86640	2.73921	0.1902298	3.0789484	62949	(86132)	15.3	352.46186	97.05136	208.95000	3.09375	0.1879083	3.0724606	62970
(86081)	14.4	104.08896	273.71228	304.15805	6.99340	0.0422253	3.0007423	62949	(86133)	14.9	299.26622	255.74994	133.79935	1.63317	0.1788445	3.0511272	62971
(86082)	15.2	323.60902	44.23450	353.16956	14.75849	0.1511206	2.8609953	62950	(86134)	13.9	276.85228	77.70042	18.30058	5.71260	0.1966457	2.8477331	62971
(86083)	15.2	336.56188	172.47724	152.10470	7.34420	0.1281559	3.1081572	62950	(86135)	13.9	258.04296	293.20646	147.08702	11.81212	0.1301202	3.0051941	62971
(86084)	14.9	343.94479	339.60253	344.11289	5.84634	0.1335501	3.0691774	62950	(86136)	15.1	358.34977	191.22764	132.88791	12.05474	0.1526766	2.9642408	62972
(86085)	14.9	357.50235	343.20530	321.18304	9.42159	0.0859490	3.0987035	62950	(86137)	15.0	353.79023	265.74484	47.33238	2.35335	0.1514279	3.0521024	62972

(86138)	14.1	259.83857	154.39332	277.18455	1.27686	0.1859202	3.1013906	62972	(86190)	14.4	324.03719	190.85418	157.14940	17.89130	0.1780444	3.1310903	62992
(86139)	14.8	275.66665	224.91386	193.26408	5.20050	0.1676926	3.0828623	62973	(86191)	14.1	309.09457	131.46384	235.01108	20.92610	0.0202290	3.1004900	62992
(86140)	13.1	299.36919	359.84208	357.02318	21.39984	0.0326215	3.2209226	62973	(86192)	14.3	86.73943	290.00932	256.65589	18.28201	0.0362657	1.9259040	62992
(86141)	14.0	217.22803	90.24762	2.80520	21.97637	0.1203381	3.2043460	62974	(86193)	16.1	276.52421	168.52760	204.48416	22.05846	0.0827147	1.9218898	62993
(86142)	14.4	296.49893	9.07674	12.02822	11.48790	0.1960778	3.1216685	62974	(86194)	15.0	219.68247	255.75847	209.34738	23.23330	0.1472143	1.8630839	62993
(86143)	15.3	292.19377	61.43022	332.01980	5.30940	0.1361690	3.0634690	62975	(86195)	14.7	311.78986	12.42852	358.44568	6.02859	0.1882200	3.1635627	62994
(86144)	14.9	284.91421	9.38392	17.58499	9.81542	0.1041223	3.0906407	62975	(86196)	14.4	275.83359	196.54770	235.84648	16.72894	0.1925624	3.1203328	62994
(86145)	14.4	69.82714	249.87422	347.90860	4.90647	0.1012478	3.0500393	62975	(86197)	14.7	2.88263	5.21203	324.85960	9.59728	0.1141380	3.0175748	62995
(86146)	14.4	295.56376	131.52370	262.99655	3.78371	0.1750912	3.0782768	62976	(86198)	14.9	324.78156	48.13422	333.56039	9.38433	0.0969770	2.9611691	62995
(86147)	14.2	299.23712	137.20643	307.26812	15.21623	0.1834783	2.7945442	62976	(86199)	14.5	85.82018	224.98295	350.53776	3.25894	0.0975826	3.2329480	62995
(86148)	14.2	342.06566	40.88412	299.68921	9.20266	0.1217019	3.0018863	62976	(86200)	14.4	56.82666	343.75398	263.12353	9.40119	0.1605842	3.1423736	62995
(86149)	14.3	302.04161	65.24946	302.14986	21.08502	0.1105076	3.0966568	62977	(86201)	14.3	349.52032	130.41710	199.71627	23.09738	0.1801103	3.1127574	62996
(86150)	14.0	64.16235	303.43544	313.76692	12.06277	0.1149186	2.9785262	62977	(86202)	14.1	335.32339	323.07384	18.21506	10.62473	0.2260818	3.1412715	62996
(86151)	13.7	289.71269	49.02222	322.46540	18.87704	0.0507607	3.2357565	62978	(86203)	13.9	355.27691	34.14693	309.67817	16.28984	0.3651784	2.9137127	62997
(86152)	13.4	357.94891	7.25558	287.03620	15.26328	0.0789018	3.2285691	62978	(86204)	14.1	311.95283	260.51542	141.11291	21.43761	0.3071344	3.0375060	62997
(86153)	13.2	269.57238	104.78982	312.82403	16.23355	0.2047816	3.1738460	62978	(86205)	14.0	228.28845	343.95456	113.15331	7.13029	0.0913337	3.1680560	62997
(86154)	14.4	339.24702	10.14743	327.82192	17.32282	0.2478744	3.0542446	62979	(86206)	14.5	305.62405	23.81371	15.88901	4.47912	0.2451733	3.1079745	62998
(86155)	13.7	248.95897	199.32271	242.40724	13.43539	0.1753952	3.1595079	62979	(86207)	14.6	301.52365	6.55983	21.00099	10.26775	0.0764349	3.1870788	62998
(86156)	13.3	261.59093	114.82970	302.85951	16.09650	0.1560001	3.1669941	62979	(86208)	13.8	281.65549	22.07190	15.40609	6.66798	0.1431860	3.2033138	62999
(86157)	14.8	353.92581	339.16853	332.30303	9.56221	0.1862733	3.1281833	62980	(86209)	14.5	326.29284	312.37925	74.08635	3.84795	0.2552317	2.9754832	62999
(86158)	14.3	135.77122	297.68762	241.20104	15.15217	0.0067782	3.1155425	62980	(86210)	15.2	314.75557	146.48020	238.81788	1.67165	0.1279719	3.0479957	63000
(86159)	13.9	297.22625	74.65287	306.22914	9.89204	0.0554093	3.1451012	62980	(86211)	15.2	316.76996	174.46768	199.09596	5.38336	0.1852747	3.1004803	63000
(86160)	14.0	300.71504	115.87052	264.51599	12.22471	0.0802999	3.1369313	62981	(86212)	14.5	109.13562	37.13976	36.13758	25.38990	0.3105065	2.3161230	63000
(86161)	13.2	245.79268	119.10434	319.91820	13.65684	0.0592000	3.1507941	62981	(86213)	14.3	298.38182	204.59635	188.49714	11.01392	0.1188367	3.0668026	63001
(86162)	13.1	287.62812	164.25915	247.46715	10.40092	0.1057424	3.0577688	62981	(86214)	13.9	261.15957	46.04393	1.50113	9.29990	0.0748517	3.2419582	63001
(86163)	13.3	72.58728	330.41461	296.43548	9.04487	0.0558777	2.9666219	62982	(86215)	15.0	322.62823	341.51738	17.82451	19.62402	0.1564494	3.1492523	63002
(86164)	14.2	265.14374	142.43380	275.49317	8.24954	0.0825277	3.1695025	62982	(86216)	14.4	342.25067	338.59685	2.66014	8.95731	0.0958055	3.0843066	63002
(86165)	14.0	36.86978	344.48154	296.82113	9.18285	0.0735777	3.1120104	62983	(86217)	15.1	195.52003	91.24895	18.68569	20.23070	0.1049440	1.9570238	63002
(86166)	14.1	320.44519	84.46831	269.60612	11.45212	0.1716313	3.1622180	62983	(86218)	14.6	344.90052	232.23151	142.29397	11.46943	0.1134376	2.9780855	63003
(86167)	13.5	276.22583	160.82482	276.76072	9.80011	0.1956791	3.0775846	62983	(86219)	14.5	320.06741	79.19101	291.54206	9.06029	0.1123390	2.9905956	63003
(86168)	13.1	328.93093	107.26172	277.93425	9.41253	0.1122644	2.9742683	62984	(86220)	15.2	20.02821	47.10222	223.47930	2.73135	0.1343725	3.1483354	63003
(86169)	15.0	350.37319	8.31849	329.59288	10.43528	0.1260809	3.0675231	62985	(86221)	15.4	353.83172	86.83000	231.47919	4.67035	0.1772043	3.1532079	63004
(86170)	13.6	303.55539	92.12889	321.83381	9.40347	0.0923550	2.9821545	62985	(86222)	15.6	6.34805	143.06864	175.66712	1.80803	0.1494371	3.2188243	63004
(86171)	13.8	291.81562	189.40482	206.88994	27.43889	0.1626836	3.1747514	62985	(86223)	14.6	340.76151	182.02310	172.45669	9.84633	0.1039330	3.0514587	63004
(86172)	14.2	6.34787	19.09498	324.03889	9.56071	0.1046798	2.9700448	62986	(86224)	14.2	347.72795	189.49200	161.46888	16.21182	0.0562329	3.0372204	63005
(86173)	14.9	298.91582	138.50458	259.40250	8.25479	0.0884743	3.0560731	62986	(86225)	14.1	294.13717	225.89003	182.17798	16.40018	0.1391510	3.0936511	63005
(86174)	14.5	359.92899	4.61161	321.37216	8.61079	0.1051568	3.0901184	62986	(86226)	14.0	324.67172	288.28766	101.66897	11.05794	0.1068186	3.0199150	63005
(86175)	14.2	333.77147	79.21632	264.79650	14.12812	0.0903023	3.0232201	62987	(86227)	14.7	3.85823	198.06499	129.79756	13.68109	0.2887354	3.0098264	63006
(86176)	13.3	266.89435	84.67925	356.16512	10.80777	0.1216869	3.0257614	62987	(86228)	14.4	316.10254	82.85123	272.81510	8.27765	0.0975820	3.0834708	63006
(86177)	7.1	332.50913	51.44538	326.62759	22.22686	0.2336973	45.0361881	62987	(86229)	13.4	223.60774	175.43496	276.86238	11.45142	0.0481959	3.1054537	63006
(86178)	15.1	314.22545	174.98594	192.18382	7.14169	0.0769103	3.0467551	62988	(86230)	13.3	171.94581	227.53002	306.83515	12.47565	0.0463708	2.9238307	63007
(86179)	14.2	286.28241	100.00831	305.27673	9.58465	0.0716317	2.9976887	62988	(86231)	13.9	61.11326	300.04033	330.46591	8.19591	0.0629223	2.9674757	63007
(86180)	15.1	308.53967	258.20794	116.67326	6.84461	0.2443401	3.1044027	62988	(86232)	13.8	265.89620	141.93882	296.20746	7.98933	0.1172519	3.0429297	63008
(86181)	13.8	7.79879	37.60149	279.26975	9.47953	0.0903486	2.9707186	62988	(86233)	14.6	9.10770	304.29507	353.12906	13.87941	0.1791144	3.0707980	63008
(86182)	13.8	324.88941	31.12246	303.54680	11.51063	0.0302315	3.1735502	62989	(86234)	14.3	250.97065	96.97284	336.47783	3.84147	0.1495891	3.1807199	63009
(86183)	14.7	36.73277	351.52072	299.55826	8.48092	0.0546484	2.9866003	62989	(86235)	14.4	280.91464	182.52397	219.38443	4.35667	0.1748381	3.1867508	63009
(86184)	14.5	339.20652	334.16340	1.82690	9.74333	0.1140436	2.9647730	62990	(86236)	14.3	317.58166	70.33834	278.89782	4.32548	0.1725346	3.1929860	63009
(86185)	13.5	198.72550	337.98023	150.80883	17.53442	0.1089994	3.1065078	62990	(86237)	15.4	334.62344	308.53656	31.36649	1.28361	0.1678483	3.1183724	63010
(86186)	14.4	229.70934	304.34679	149.16704	11.59919	0.0573454	3.1015688	62990	(86238)	13.4	302.34473	56.56323	358.50866	11.70903	0.0427682	2.9447503	63010
(86187)	14.2	309.85554	235.17995	160.96284	13.65785	0.1458055	3.0555678	62991	(86239)	13.6	200.05152	111.46738	7.75350	8.27719	0.0528508	3.2101222	63011
(86188)	15.2	327.96932	344.05028	355.19269	4.72886	0.1489836	3.1300333	62991	(86240)	14.0	257.08255	84.31898	348.61356	4.40691	0.1419625	3.1960533	63011
(86189)	15.2	319.77726	200.39809	163.72982	5.87698	0.1405045	2.9289270	62992	(86241)	13.5	79.33972	265.59810	349.62304	9.02387	0.0482317	3.0538659	63012

(86242)	15.1	325.49108	211.83521	148.68422	6.24093	0.1542612	3.1268687	63012	(86294)	15.8	243.60230	155.57948	242.75007	19.32074	0.0906233	1.9745419	63030
(86243)	14.6	250.23630	79.83586	353.41382	6.04978	0.1228219	3.1736671	63013	(86295)	15.4	329.63373	345.72921	357.32781	8.74371	0.0611479	3.1154402	63030
(86244)	15.4	359.18075	83.94063	226.24708	1.71291	0.0936603	3.1367826	63013	(86296)	16.1	22.38609	63.73736	236.21728	20.10064	0.0596852	1.9176903	63031
(86245)	14.8	27.86267	280.78422	0.15819	15.95876	0.0885704	3.1830686	63013	(86297)	13.1	294.21408	358.23127	48.01303	18.67608	0.1265710	3.1923796	63031
(86246)	14.2	248.51891	102.67419	330.20555	6.52927	0.0979140	3.2231447	63013	(86298)	13.9	307.92440	14.12254	8.71220	8.41614	0.2262487	3.1596464	63032
(86247)	14.2	29.35055	245.65435	27.67391	5.32343	0.1160324	3.1619294	63014	(86299)	15.6	110.93634	213.41209	238.53983	23.91313	0.1443616	2.2546394	63032
(86248)	14.5	285.55501	343.04932	65.99234	6.34481	0.1722771	3.2065358	63014	(86300)	14.5	317.70131	195.56651	228.46738	4.81661	0.1269730	3.0247985	63033
(86249)	14.4	285.78665	155.79305	233.17500	6.61412	0.0348758	3.1794118	63015	(86301)	15.7	318.09662	358.60135	5.36080	2.47064	0.2029785	3.1357660	63033
(86250)	14.2	285.25478	225.65105	186.53004	4.91410	0.1438807	3.2200300	63015	(86302)	15.9	141.45830	124.47760	38.20543	21.41087	0.0724676	1.9681767	63033
(86251)	14.6	342.01593	159.80930	166.34294	5.32911	0.1452324	3.2128421	63015	(86303)	14.6	332.09602	314.59989	55.08691	1.80091	0.1801776	3.1486368	63033
(86252)	14.1	23.40709	319.27655	326.89293	14.48980	0.1334425	3.1923468	63016	(86304)	14.6	349.82620	263.01254	85.40464	0.25614	0.2032216	3.0735322	63034
(86253)	14.1	315.84292	130.01806	234.65600	20.48058	0.0388308	3.2316504	63016	(86305)	14.9	327.24204	157.14082	207.72507	3.70693	0.1665891	3.2013007	63034
(86254)	14.8	339.64518	355.93833	339.17715	12.21325	0.1403626	3.2151855	63016	(86306)	13.8	120.03582	169.77046	57.04118	11.69350	0.0463484	3.2036892	63035
(86255)	14.4	1.55581	9.34589	329.27393	11.42714	0.1531147	3.0507683	63016	(86307)	14.5	29.24904	62.20860	226.29982	13.77981	0.1598580	3.1379389	63035
(86256)	14.1	338.51714	15.76476	329.55633	13.19435	0.0973385	3.1562647	63017	(86308)	14.0	348.55668	249.93052	73.48428	27.29689	0.2381571	3.1609963	63035
(86257)	14.7	114.85724	261.13228	281.58755	18.65658	0.0838062	1.9236275	63017	(86309)	17.1	123.38806	188.35503	200.75764	1.72734	0.1921303	2.3018626	63036
(86258)	14.9	355.53197	7.69934	336.37145	13.71064	0.0695109	3.1126840	63018	(86310)	15.5	322.65035	203.82170	165.84438	0.60938	0.0969590	3.1639101	63036
(86259)	14.7	284.40215	169.58033	239.89329	8.99678	0.1029482	3.0025070	63018	(86311)	15.3	45.90592	194.74546	57.46536	1.37441	0.0739408	3.2698744	63036
(86260)	14.6	12.55752	134.46774	163.85356	17.03249	0.2160051	3.1219302	63018	(86312)	14.6	12.10568	207.02109	107.94374	1.94300	0.1493782	3.1028370	63037
(86261)	13.8	154.49610	263.18403	271.26751	8.68285	0.0536944	3.0704471	63018	(86313)	14.3	305.89891	146.81209	236.76588	6.27680	0.1558497	3.1922567	63037
(86262)	14.7	344.88943	223.65815	131.94583	6.10926	0.1844769	3.0832580	63019	(86314)	14.5	320.72219	98.61464	272.83780	3.55950	0.2000846	3.1916046	63037
(86263)	15.7	276.47865	180.87436	231.26103	19.53876	0.0873587	1.9389220	63019	(86315)	14.9	346.62739	120.41626	207.15747	16.56859	0.2500337	3.0002516	63038
(86264)	14.2	8.17162	318.21457	325.74294	9.19065	0.1897187	3.1606045	63019	(86316)	15.3	342.82915	230.27284	146.08696	11.89406	0.1481905	3.0561584	63038
(86265)	14.1	203.99669	267.80751	217.54731	9.77075	0.1205137	3.1844986	63020	(86317)	13.9	34.14908	314.73116	329.98508	8.62049	0.2406043	3.0962589	63038
(86266)	15.7	18.21433	110.06167	181.49766	9.27406	0.1329898	3.0415755	63020	(86318)	14.6	339.34199	102.61596	219.05644	24.47380	0.2684974	3.1631837	63039
(86267)	15.2	336.62360	165.76224	167.19025	0.28523	0.1795607	3.1049192	63020	(86319)	14.7	326.69618	225.59819	158.68567	11.31510	0.1202856	3.1471865	63039
(86268)	14.9	258.28321	122.19661	306.64000	8.20032	0.0758064	3.1688778	63020	(86320)	14.1	308.88483	282.56705	101.58726	14.57778	0.1553357	3.1995257	63039
(86269)	14.1	60.74530	239.83694	9.54278	22.52118	0.0888873	3.2274412	63021	(86321)	15.3	45.04743	3.99528	229.19220	20.14728	0.0381419	1.9299707	63039
(86270)	14.2	356.96046	199.71207	95.27930	2.71352	0.1195920	3.2376218	63021	(86322)	15.1	6.45408	38.70351	308.42079	6.79177	0.0799510	3.0032408	63040
(86271)	15.1	313.76561	304.23008	131.64925	4.12990	0.1625187	2.7813469	63021	(86323)	14.5	4.82926	11.63251	318.30723	4.39553	0.1481741	3.1466595	63040
(86272)	14.2	275.12374	130.53990	253.64194	8.88368	0.0282273	3.2434912	63022	(86324)	15.7	296.09279	75.22581	293.83059	34.61076	0.4344614	1.9663378	63040
(86273)	14.1	337.65378	348.08396	353.62648	8.76377	0.0954839	3.2399670	63022	(86325)	14.2	339.50647	207.21113	155.26288	2.63812	0.2048345	3.0978632	63041
(86274)	15.4	297.63884	263.02969	134.53246	1.69918	0.1765707	3.0513831	63023	(86326)	17.5	318.11347	312.36654	78.56869	34.28488	0.3631969	1.8441100	63041
(86275)	14.6	284.39035	62.19413	312.17323	6.78416	0.0563322	3.3554493	63023	(86327)	14.5	301.55446	192.71944	227.43366	4.80964	0.2177549	3.1767662	63042
(86276)	15.0	346.45423	166.19323	181.36793	11.65086	0.0913844	3.0795765	63023	(86328)	15.1	335.37367	263.32828	97.97127	7.77120	0.1731464	3.1872885	63042
(86277)	13.8	2.20343	20.54441	288.59582	13.84878	0.2112135	3.1490874	63023	(86329)	16.7	307.73629	25.80211	336.62543	18.27710	0.0831708	1.9780153	63042
(86278)	15.3	359.71519	290.31754	19.69399	7.67794	0.3243866	3.0607790	63024	(86330)	15.8	244.31451	184.51416	239.45038	20.48869	0.0509236	1.9021119	63043
(86279)	15.9	12.86525	263.57579	21.98774	21.84514	0.0677971	1.9319832	63024	(86331)	13.8	197.88639	93.45679	38.20717	22.80476	0.0972853	3.2385860	63043
(86280)	15.1	34.65760	4.51304	281.61963	24.07622	0.0755344	1.8802601	63024	(86332)	14.4	349.31999	276.65036	66.90064	10.96839	0.1271781	3.1435038	63043
(86281)	12.4	277.02252	130.67932	294.74430	20.63659	0.0374138	3.1873000	63025	(86333)	15.0	348.06127	214.71567	162.14743	4.22956	0.2099810	3.0171261	63044
(86282)	14.7	2.50824	163.37126	190.71193	8.70889	0.1051223	2.9886846	63025	(86334)	14.2	325.06285	270.27216	104.05874	2.35246	0.2254146	3.1545208	63044
(86283)	14.2	307.33881	136.14095	248.60816	8.09359	0.1442879	3.1570319	63026	(86335)	14.4	344.14539	123.20246	231.77064	10.83776	0.2350262	3.1541061	63044
(86284)	15.9	227.47720	61.80844	202.35758	6.34930	0.1439480	2.2609503	63026	(86336)	15.1	103.83457	234.45278	256.45538	4.11125	0.0747038	2.2896596	63045
(86285)	14.0	64.65239	221.97239	31.17884	9.69980	0.0276550	3.1698527	63026	(86337)	15.5	208.16172	118.45443	280.14363	4.38449	0.1460464	2.1808344	63045
(86286)	14.7	282.72241	133.13618	280.83264	15.12313	0.1787318	3.1958385	63027	(86338)	16.2	174.54481	195.42744	231.51351	2.16213	0.1290284	2.2363219	63046
(86287)	13.4	286.72777	117.58359	282.43715	9.46381	0.1963306	3.1834354	63027	(86339)	13.5	319.97074	136.70869	239.55478	21.03646	0.1302870	3.1955087	63046
(86288)	13.1	343.99072	30.01654	306.56949	13.96440	0.1777012	3.0821585	63027	(86340)	17.1	147.64439	44.80042	28.86982	1.71929	0.1199443	2.1880767	63047
(86289)	14.5	319.09306	252.19694	132.86300	10.00569	0.1634481	3.0639498	63028	(86341)	14.9	297.37982	290.84402	124.08496	2.18076	0.1833490	3.2077616	63047
(86290)	15.1	320.56918	2.56991	0.84686	4.73347	0.1634308	3.2132157	63028	(86342)	16.6	84.04391	354.80888	88.86240	4.02672	0.1486280	2.3676978	63047
(86291)	14.3	32.03615	263.19711	47.18740	17.47767	0.0957315	3.0744293	63029	(86343)	14.5	290.81518	283.73905	123.17210	1.67063	0.2170819	3.3016804	63048
(86292)	14.0	329.34471	86.83337	281.82600	9.12051	0.3748142	3.0412395	63029	(86344)	16.2	48.04129	73.32669	87.72864	4.90028	0.1631329	2.2971224	63048
(86293)	12.9	319.00891	32.20730	335.18581	19.61979	0.0656101	3.2155402	63029	(86345)	16.2	177.24279	312.35750	105.36589	5.39156	0.1179442	2.1930807	63049

(86346)	15.4	148.32720	352.41811	105.25608	4.21614	0.0663572	2.1881077	63049	(86398)	14.1	309.05182	263.04741	132.22578	6.26838	0.1493843	3.1366587	63068
(86347)	15.8	75.74857	266.82579	246.76594	3.06823	0.0878347	2.2647830	63050	(86399)	15.7	127.19862	283.01581	190.15015	5.62172	0.1190905	2.2520415	63068
(86348)	14.1	310.86771	133.96382	287.36139	3.32309	0.1797856	3.1802954	63050	(86400)	15.8	134.97566	220.12902	242.40579	5.37781	0.0909980	2.2660544	63069
(86349)	16.3	117.24574	187.14953	290.27193	2.49494	0.1135534	2.2269056	63050	(86401)	14.5	40.05075	316.40984	270.25428	5.39878	0.2945108	2.3322269	63069
(86350)	15.8	99.07071	64.82905	76.05470	5.67062	0.0970926	2.2282293	63051	(86402)	15.5	309.51520	96.70749	310.98911	18.44150	0.1387353	1.9560473	63070
(86351)	15.2	108.27230	250.70704	227.97436	5.37942	0.1614513	2.2737583	63051	(86403)	13.5	286.85963	139.83102	261.03324	17.95842	0.1470904	3.2022273	63071
(86352)	17.0	107.67217	101.67695	7.76514	0.93552	0.1471003	2.2350982	63052	(86404)	14.5	3.52508	164.82116	230.22211	11.23821	0.0942321	3.0783316	63071
(86353)	14.7	318.87754	80.33987	294.14944	13.62386	0.3049881	3.1508381	63052	(86405)	16.0	326.40979	242.10865	126.74545	24.33904	0.0969208	1.9346664	63071
(86354)	14.2	338.45278	24.53577	356.26738	9.63343	0.1290089	3.0231302	63052	(86406)	15.1	59.84808	278.89316	277.42974	20.94284	0.2570524	2.2868356	63072
(86355)	16.0	144.30031	132.09729	307.80148	4.44398	0.1580195	2.1638631	63052	(86407)	14.6	309.39207	239.81785	166.07431	8.07380	0.1620426	3.1999158	63072
(86356)	14.3	337.82053	90.44027	276.72645	7.05686	0.1736922	3.1039288	63053	(86408)	16.3	99.79503	329.78488	184.33559	6.15201	0.0908447	2.2241108	63072
(86357)	14.4	351.72179	41.86763	309.18566	6.89594	0.2275864	3.0714780	63053	(86409)	14.5	330.89437	217.60543	142.20405	11.31197	0.2335003	3.1487228	63072
(86358)	13.1	263.20179	20.59113	65.86472	13.01016	0.3303567	3.2072794	63054	(86410)	14.5	333.58068	242.14037	169.60257	15.29844	0.2751791	3.1054047	63073
(86359)	15.3	145.47632	287.45747	269.94601	19.04959	0.0507463	1.9242433	63054	(86411)	16.0	263.42040	293.60386	144.27957	24.22329	0.0818848	1.9660902	63073
(86360)	13.8	344.60823	68.28561	254.11050	23.92280	0.2102573	3.1504297	63055	(86412)	15.5	41.04066	132.19458	99.62069	8.22887	0.1918189	2.2706235	63073
(86361)	13.6	330.79832	82.92880	314.52722	11.73262	0.2796957	3.1774956	63055	(86413)	14.8	93.44173	229.09464	308.38634	21.35448	0.2425833	2.2890597	63074
(86362)	15.7	92.24181	65.96090	83.42826	6.37526	0.0966618	2.2441210	63055	(86414)	15.8	329.79526	321.96645	321.33328	6.40291	0.1021617	2.3107047	63074
(86363)	15.8	2.75800	186.53931	74.78971	7.39215	0.0904006	2.1601595	63056	(86415)	16.3	15.76147	175.84710	64.52098	2.29369	0.1143500	2.2234447	63075
(86364)	13.5	217.72659	149.59137	30.45230	6.82083	0.0742496	3.1326296	63056	(86416)	15.3	64.50249	217.80401	313.00800	5.81693	0.0518651	2.2851509	63075
(86365)	16.1	62.27904	178.83668	320.20480	7.48458	0.1870010	2.3721698	63057	(86417)	14.5	318.07818	241.76828	189.08078	13.51194	0.2819960	3.1721502	63075
(86366)	13.7	257.74193	243.91619	123.77211	8.67699	0.2563108	3.9286311	63057	(86418)	14.6	293.87235	206.85865	207.43001	15.02709	0.2182443	3.1613513	63076
(86367)	14.8	316.86946	285.20060	103.05209	6.08739	0.2605673	3.3762702	63057	(86419)	15.5	229.13106	247.52983	223.08660	19.16635	0.0668260	1.9286784	63076
(86368)	16.5	12.35858	314.29510	296.05097	3.51329	0.1795014	2.2046052	63057	(86420)	15.3	355.90540	344.86196	354.71707	19.24684	0.0777322	1.9492829	63076
(86369)	16.1	49.59918	248.18020	296.56381	5.12078	0.0877200	2.2740223	63058	(86421)	15.9	195.56037	342.44793	65.17398	2.28063	0.0971757	2.2376963	63077
(86370)	17.4	117.70115	118.25183	339.34008	1.27231	0.1463178	2.2883864	63058	(86422)	16.0	335.62194	309.24219	325.44446	5.81235	0.0918807	2.3351463	63077
(86371)	13.3	197.07450	28.36174	94.61519	11.11647	0.0369097	3.5033593	63058	(86423)	16.2	342.20030	335.86779	301.75638	5.92921	0.1641909	2.2470610	63078
(86372)	16.7	219.08165	97.45222	121.34884	1.99773	0.0894388	2.9675593	63059	(86424)	16.3	40.34922	112.58674	101.15337	1.30473	0.1668257	2.2685156	63078
(86373)	15.5	308.76160	265.38172	113.57826	27.54826	0.1842993	1.9158333	63059	(86425)	16.3	53.18879	73.28341	125.15384	2.68965	0.1293513	2.2876499	63078
(86374)	15.9	281.61865	92.68134	333.22862	18.12795	0.0950268	1.9310977	63059	(86426)	13.9	13.02975	130.16948	26.47758	15.37426	0.0790001	2.5235396	63079
(86375)	16.1	280.47855	7.92414	319.76518	4.18104	0.0157815	2.2101787	63060	(86427)	15.3	327.31057	320.35676	310.54366	6.96072	0.1033050	2.2753823	63079
(86376)	15.9	148.17460	127.77805	110.10367	0.27950	0.1598784	2.2514793	63060	(86428)	15.8	142.16460	9.10466	98.06574	1.70821	0.1252815	2.2440755	63080
(86377)	12.3	164.57047	139.23071	276.06134	11.50701	0.0607249	5.1177830	63060	(86429)	13.6	306.13605	57.60573	318.78860	16.10719	0.1462839	3.2049838	63080
(86378)	15.0	344.53651	354.04952	3.57803	3.67812	0.2491327	3.1599366	63061	(86430)	15.2	156.97262	111.85234	317.31249	6.47208	0.0857322	2.3503189	63080
(86379)	15.7	166.03118	127.88690	297.49164	6.20570	0.1253109	2.2139060	63061	(86431)	16.5	297.70414	193.64812	130.58046	2.70120	0.1627375	2.1477747	63081
(86380)	16.7	250.94176	15.76439	344.20444	3.27948	0.1466897	2.1527138	63062	(86432)	16.7	143.87667	19.06193	56.34828	2.41910	0.1991723	2.3000185	63081
(86381)	16.3	218.17313	21.26271	17.62693	3.79016	0.0881276	2.1671759	63062	(86433)	16.4	37.26979	99.65079	106.09582	1.28959	0.1463316	2.3477383	63081
(86382)	16.0	244.98297	339.72374	22.71206	4.37854	0.1120051	2.2000381	63062	(86434)	15.7	199.83270	20.60483	28.29564	5.93525	0.1107852	2.2123381	63082
(86383)	15.5	233.31517	167.23549	275.18376	18.07006	0.0809019	1.9486021	63062	(86435)	12.7	21.55475	13.52871	284.82342	7.01800	0.1284435	3.9912697	63082
(86384)	15.7	155.69838	111.57412	319.14376	8.35086	0.0922938	2.2901696	63063	(86436)	16.9	58.59950	10.77037	174.54236	3.93633	0.1424483	2.2884124	63083
(86385)	13.2	252.41908	196.73410	243.70297	20.38330	0.0314310	3.1885146	63063	(86437)	16.3	4.47249	9.96716	248.90402	1.82145	0.1025411	2.2178563	63083
(86386)	15.6	60.42745	219.85545	310.76228	4.72090	0.1169955	2.3104510	63063	(86438)	16.2	29.97144	330.17037	254.85058	3.62069	0.0836715	2.2416644	63083
(86387)	16.6	143.77878	325.82710	100.62478	1.06688	0.1963228	2.3017561	63064	(86439)	15.3	348.03033	350.91777	296.84041	4.16147	0.2083155	2.1938359	63083
(86388)	15.5	214.34705	273.42712	110.46705	4.89636	0.1272721	2.2273930	63064	(86440)	17.1	96.30171	327.20437	177.59959	6.35769	0.1265939	2.2839388	63084
(86389)	15.4	209.15434	295.25243	103.85445	4.83657	0.1497487	2.1924219	63065	(86441)	16.2	125.49852	291.78017	164.75578	5.85993	0.1097386	2.3168599	63084
(86390)	16.9	94.09180	252.55027	221.61033	4.09262	0.1899199	2.2977198	63065	(86442)	16.0	90.90754	293.46001	215.00551	3.06330	0.1030943	2.2963685	63085
(86391)	16.1	180.84715	147.91454	280.54848	5.12553	0.0849827	2.1929571	63065	(86443)	16.2	96.99463	335.02559	178.00766	4.20839	0.0485638	2.2685365	63085
(86392)	16.5	35.88636	79.86717	129.81427	4.15886	0.1083906	2.2630985	63066	(86444)	15.4	134.96726	152.75511	303.76971	6.21287	0.0538325	2.3183868	63085
(86393)	16.2	131.05656	223.04219	234.61307	2.45534	0.1201604	2.2483668	63066	(86445)	16.5	31.68200	302.77028	277.70080	2.12977	0.0810004	2.2936866	63086
(86394)	16.1	128.43650	342.11170	144.87041	4.25257	0.0616885	2.2125623	63066	(86446)	15.4	243.51873	93.62202	273.18597	3.49690	0.1307640	2.2205386	63086
(86395)	15.8	127.90133	195.65263	273.01016	5.14836	0.0700018	2.2669341	63067	(86447)	16.3	25.63831	31.04055	167.43227	5.03426	0.1572775	2.4066486	63086
(86396)	16.2	78.95679	276.84533	261.74898	5.20288	0.0824042	2.2308844	63067	(86448)	17.0	43.87405	357.71083	212.23489	0.92557	0.1107333	2.3045122	63087
(86397)	14.5	318.39831	245.07511	129.54627	6.63304	0.2387155	3.0974605	63067	(86449)	16.6	80.09609	18.61758	152.01794	5.57852	0.0940519	2.2937704	63087

(86450)	18.3	338.81841	215.53645	124.93726	18.10765	0.4148926	0.9680475	63087	(86502)	16.2	131.98106	304.86634	163.62005	4.42395	0.0144945	2.3210736	63107
(86451)	16.5	78.19183	355.41940	168.09132	5.16244	0.0901337	2.2747991	63088	(86503)	14.2	171.49395	332.28105	325.18188	9.66491	0.0481578	2.9634546	63108
(86452)	15.2	19.42712	339.62810	262.55516	5.37501	0.0714164	2.2447362	63089	(86504)	16.6	10.76114	71.94566	158.44974	7.58451	0.0593776	2.3492972	63108
(86453)	16.0	175.61946	135.82134	291.86903	6.29803	0.0547592	2.2435230	63089	(86505)	15.9	249.55338	230.13932	143.78946	5.36958	0.1716429	2.2087942	63108
(86454)	14.9	29.98801	108.19919	154.27608	22.70276	0.2691377	2.3458026	63089	(86506)	16.6	228.85499	249.97477	145.50559	3.88738	0.1501187	2.2033635	63109
(86455)	15.2	4.14557	273.44547	345.87035	2.66871	0.2188577	2.3243894	63090	(86507)	16.8	288.52851	43.67094	279.92520	1.10330	0.1266108	2.3048680	63109
(86456)	15.5	329.70930	128.89553	153.90521	7.47797	0.1243495	2.2479494	63090	(86508)	16.1	345.22612	109.74814	171.83312	2.00429	0.2715966	2.3414560	63109
(86457)	15.9	225.17011	138.40420	244.62196	3.60856	0.1636876	2.2066025	63091	(86509)	16.8	82.44739	342.84863	166.24676	1.86839	0.1618009	2.3556302	63110
(86458)	16.5	16.93571	58.86293	177.81368	6.34435	0.0661271	2.2788167	63091	(86510)	16.6	1.29896	49.31714	191.35575	2.81463	0.1506304	2.3934298	63110
(86459)	15.7	109.96398	234.25605	253.58257	3.91883	0.0524565	2.3234613	63091	(86511)	16.1	0.64214	343.62613	316.80961	3.69699	0.2101037	2.1997503	63110
(86460)	16.1	64.65923	207.30358	320.07734	2.82526	0.1471936	2.3685976	63092	(86512)	16.8	56.32172	345.54543	234.53109	1.44132	0.1375090	2.2666906	63111
(86461)	16.4	90.78866	205.91528	292.04581	2.92163	0.1283736	2.3485423	63092	(86513)	16.1	32.71130	57.42245	154.36691	4.84032	0.1223867	2.3712656	63111
(86462)	15.3	5.45789	177.46261	104.51693	5.19667	0.2067894	2.2402565	63092	(86514)	15.7	311.33084	11.69207	311.64476	3.90427	0.1644039	2.2628462	63111
(86463)	15.4	74.95117	190.46930	320.90487	5.57539	0.0636566	2.3904556	63093	(86515)	16.1	351.80322	116.58303	168.21693	6.83182	0.1513926	2.2831682	63112
(86464)	16.1	105.94193	269.41522	213.18187	4.29290	0.1920587	2.3479971	63093	(86516)	15.7	277.94221	143.21124	187.97117	6.16562	0.1351570	2.3352547	63112
(86465)	15.8	103.82031	270.81278	217.79405	4.71738	0.1644639	2.3419843	63094	(86517)	16.1	62.37494	66.03403	152.80751	5.41195	0.1228673	2.2503389	63113
(86466)	15.6	35.07343	252.39985	2.90286	7.16868	0.0753439	2.2630108	63094	(86518)	16.0	60.84485	333.46741	165.96825	3.95111	0.0085639	2.5114990	63113
(86467)	15.2	20.88934	58.27128	190.59270	5.58493	0.1850266	2.3121529	63095	(86519)	14.7	224.93133	335.71113	344.74187	15.54973	0.1553133	2.6248906	63113
(86468)	15.3	72.24322	265.85275	278.55578	3.98304	0.0904735	2.3027504	63095	(86520)	15.3	26.34907	242.21264	340.07689	6.51908	0.0707738	2.3542320	63114
(86469)	15.2	41.27300	349.49929	277.78156	4.37180	0.1364564	2.1794144	63096	(86521)	16.5	16.04591	61.12191	176.40847	2.38076	0.1776797	2.3783378	63114
(86470)	17.1	89.10985	136.74948	9.82628	2.63913	0.1448160	2.3413220	63096	(86522)	16.0	65.05623	181.00282	349.33462	3.09659	0.1439207	2.3843020	63115
(86471)	15.7	45.36491	238.73240	358.11264	4.21482	0.1580179	2.2538617	63096	(86523)	16.3	78.04825	28.27072	170.78327	5.98133	0.1460743	2.2656795	63115
(86472)	15.7	110.57952	124.85549	343.92966	9.14701	0.1382203	2.3974348	63097	(86524)	16.1	20.40691	310.02340	284.58361	1.60259	0.1619239	2.3755843	63115
(86473)	16.9	206.98880	206.30900	154.20496	2.96763	0.1769469	2.3732661	63097	(86525)	16.3	28.53114	64.92993	162.26966	5.01688	0.1464264	2.3516159	63116
(86474)	14.9	343.72375	347.85613	164.09690	4.06239	0.0403343	2.8016332	63098	(86526)	15.2	249.17547	17.90385	342.07405	6.59638	0.1305768	2.3125769	63116
(86475)	15.8	272.29404	242.06016	121.74403	3.71468	0.1642849	2.1481451	63098	(86527)	15.9	108.23971	169.31997	296.56548	0.76578	0.1255883	2.4101131	63117
(86476)	16.4	111.68559	342.79789	128.34633	1.64495	0.1349239	2.3429169	63098	(86528)	16.4	71.62091	247.20315	338.76518	3.83280	0.0562107	2.1919545	63117
(86477)	16.4	70.17519	47.49008	133.71326	5.46863	0.1273108	2.3054064	63099	(86529)	15.2	266.90646	1.47687	356.88580	5.23251	0.1696665	2.1644019	63117
(86478)	15.1	153.55008	83.88769	0.64631	7.14422	0.0719098	2.3082681	63099	(86530)	14.5	48.55951	53.78640	340.10877	11.02616	0.0417091	2.9864241	63118
(86479)	16.0	198.66600	245.11744	147.37088	1.96777	0.1230821	2.2787828	63099	(86531)	15.6	33.25104	93.87468	114.46141	6.83903	0.0520878	2.3092461	63118
(86480)	16.1	252.10812	217.16775	138.28218	5.69316	0.1176927	2.2433313	63100	(86532)	15.0	163.18726	52.00566	34.53304	6.37785	0.1374998	2.2394283	63118
(86481)	16.5	39.33644	251.31509	308.20432	1.46587	0.1514360	2.3490105	63100	(86533)	15.8	336.08798	159.98915	126.60918	8.63758	0.2190599	2.3224358	63119
(86482)	15.9	146.35382	74.54555	8.77978	8.05535	0.1223329	2.2428939	63101	(86534)	15.7	15.01143	260.70047	29.90101	5.73146	0.2380925	2.1725449	63120
(86483)	16.2	167.05400	319.96604	86.08133	3.34815	0.2020057	2.3260179	63101	(86535)	15.9	165.32214	56.89701	359.00830	3.98727	0.1475275	2.3401768	63120
(86484)	15.9	27.70303	245.57752	265.91474	4.19865	0.1290781	2.5614102	63101	(86536)	15.4	250.10563	274.34115	100.08517	4.44091	0.1653909	2.2131240	63120
(86485)	16.7	27.77696	204.37303	67.72475	3.90278	0.0825755	2.1559075	63101	(86537)	15.8	245.99942	256.29544	109.00553	5.68691	0.1130802	2.2852374	63121
(86486)	17.7	343.19251	130.18194	141.19193	6.17929	0.2133679	2.3212576	63102	(86538)	16.1	149.41398	31.21980	56.49961	4.24977	0.0734710	2.3252388	63121
(86487)	15.7	328.18326	333.13993	322.85501	2.57298	0.0755675	2.1946617	63102	(86539)	15.8	183.99375	339.67711	81.02136	5.02089	0.1054696	2.2902386	63122
(86488)	16.4	19.06255	48.05178	189.63929	1.99079	0.1668995	2.3470423	63102	(86540)	16.0	185.80956	16.69268	49.60048	6.60865	0.0618781	2.2835988	63122
(86489)	16.2	240.66312	41.27634	329.91727	1.33735	0.1749995	2.2187600	63103	(86541)	16.3	22.54796	101.66543	109.05303	4.89305	0.0980291	2.4072314	63122
(86490)	15.8	92.85970	358.23444	148.08522	3.81784	0.1396707	2.3485260	63103	(86542)	15.8	358.42835	163.52951	101.99106	5.21257	0.1272898	2.3238862	63123
(86491)	14.3	337.44975	54.07985	76.73779	2.57127	0.0693725	2.9892600	63103	(86543)	16.0	29.23606	142.56906	120.56162	7.09153	0.1634088	2.2487279	63123
(86492)	15.8	60.98855	55.71903	138.07683	7.13283	0.0653831	2.3244264	63104	(86544)	15.3	252.91734	274.26056	97.12233	6.81884	0.1990811	2.2438957	63124
(86493)	16.4	24.10171	344.35514	308.06970	3.02188	0.1505604	2.1440756	63104	(86545)	17.0	30.66844	274.90866	352.00030	4.47488	0.0387205	2.1569053	63124
(86494)	16.3	17.65992	229.52061	342.95393	4.62629	0.1787326	2.3920266	63105	(86546)	16.6	6.65022	76.41222	183.72810	3.99697	0.1308760	2.3018718	63124
(86495)	16.3	7.86257	71.63376	211.54345	2.93086	0.1731006	2.1902642	63105	(86547)	17.1	3.34891	255.68944	333.56720	2.51245	0.0964500	2.3601711	63125
(86496)	16.2	125.55802	320.69196	147.19028	4.77033	0.0960346	2.3126093	63106	(86548)	16.1	45.29048	343.86662	229.05722	2.80859	0.0657837	2.3182728	63125
(86497)	17.2	49.71925	207.28837	41.15924	1.50196	0.1735594	2.1942396	63106	(86549)	16.0	43.22577	276.60924	324.60553	2.81757	0.1456914	2.2568204	63125
(86498)	15.2	285.88011	330.46738	347.48409	6.69613	0.1375309	2.3172096	63106	(86550)	16.6	340.96770	120.00598	160.40786	4.04719	0.1374082	2.3337503	63126
(86499)	15.9	11.84388	323.33246	285.80732	2.39654	0.1255933	2.2994927	63107	(86551)	15.3	348.37994	84.34057	221.54179	3.65379	0.1703902	2.2888917	63126
(86500)	15.9	294.75239	171.38424	158.58145	7.01760	0.1394750	2.2415197	63107	(86552)	16.6	20.36865	252.06278	18.69381	5.26540	0.1534012	2.2875448	63127
(86501)	15.5	187.09975	327.32093	329.50239	5.67786	0.0440546	2.8574724	63107	(86553)	15.5	331.52989	152.98355	154.48017	7.48613	0.1645667	2.2182585	63127

(86554)	16.2	4.85009	325.49959	318.95293	8.14009	0.2468018	2.2469855	63127	(86606)	16.7	15.55508	169.65253	62.90593	3.07171	0.1788432	2.3854567	63148
(86555)	14.8	275.54210	199.68690	136.01913	25.65539	0.1675093	2.3009031	63128	(86607)	16.0	60.97409	315.32970	258.17798	5.39268	0.1432413	2.2590629	63148
(86556)	16.0	16.47167	170.83624	103.26497	8.71927	0.1946781	2.2236694	63128	(86608)	15.8	61.40464	109.64211	129.43764	8.57860	0.2795692	2.2638006	63148
(86557)	16.5	206.42630	187.82427	194.09244	1.89687	0.2181485	2.3297910	63128	(86609)	16.3	26.87713	3.14027	226.08893	4.73103	0.1860745	2.3784586	63149
(86558)	15.5	216.59036	209.84105	190.77532	4.85553	0.1263366	2.2634134	63129	(86610)	16.0	40.40641	40.14715	205.62037	6.12120	0.1390283	2.2811197	63149
(86559)	14.6	55.96514	252.38280	337.52628	22.96598	0.1253820	2.2764147	63129	(86611)	15.0	41.11883	265.40599	327.52861	4.78412	0.1421328	2.3152945	63149
(86560)	16.0	189.65092	49.43658	356.38561	7.06930	0.1104436	2.3048661	63129	(86612)	15.0	141.98131	218.47554	23.30252	21.17621	0.0406212	1.9477576	63150
(86561)	17.0	339.62595	269.61163	3.99949	4.78807	0.1907555	2.4439984	63130	(86613)	16.2	162.69332	223.35500	190.82271	0.58319	0.2040442	2.3636173	63151
(86562)	16.2	125.90032	87.36344	10.61849	1.97195	0.1569902	2.4029691	63130	(86614)	15.5	15.81868	284.20907	299.00640	5.57736	0.0760262	2.4240642	63151
(86563)	15.6	180.59822	343.84518	73.26453	8.29797	0.2033839	2.2753450	63130	(86615)	16.5	21.38018	14.03785	226.01738	4.08866	0.0963036	2.2949070	63152
(86564)	15.7	78.31374	51.10369	94.55347	12.30895	0.0932799	2.3911577	63131	(86616)	16.3	80.31691	87.44008	73.14704	3.12080	0.1536174	2.3701289	63152
(86565)	16.0	219.08512	326.70108	76.53921	6.71383	0.1503553	2.2201192	63131	(86617)	14.9	9.57487	124.76026	159.08528	5.23612	0.2039671	2.3394500	63152
(86566)	15.4	333.18999	250.68590	44.93111	2.75608	0.1844966	2.2765260	63132	(86618)	17.0	113.37249	82.51742	14.72860	2.52221	0.1486233	2.4553518	63153
(86567)	16.8	51.66064	136.79488	119.76668	3.40822	0.1481537	2.1631192	63132	(86619)	15.8	54.51638	154.08083	69.36373	5.78480	0.1121818	2.2317435	63153
(86568)	16.1	352.47628	163.23829	95.68535	3.49048	0.1786748	2.3750998	63133	(86620)	15.6	172.58921	287.30344	131.00344	7.08639	0.0924431	2.3118098	63153
(86569)	14.0	44.44913	342.29823	62.65806	12.35248	0.1494820	3.0716208	63133	(86621)	16.9	39.76778	136.62115	112.77091	4.96982	0.1896203	2.2275613	63154
(86570)	15.4	52.87931	250.64818	343.87476	5.60290	0.1342529	2.2710276	63133	(86622)	15.5	12.46517	115.03714	101.30161	12.66838	0.1099527	2.3978524	63154
(86571)	15.8	135.39244	121.05703	324.15187	1.69056	0.1885767	2.3925326	63134	(86623)	15.5	356.70522	64.62129	213.00361	3.16604	0.1953378	2.2981915	63155
(86572)	16.1	24.79446	198.83502	20.14597	4.39321	0.1412846	2.4222915	63135	(86624)	15.8	61.21016	51.55788	158.17630	19.33333	0.1607031	2.3199516	63155
(86573)	16.9	46.68839	214.22966	327.48934	2.24489	0.1183467	2.4434765	63135	(86625)	16.3	4.56161	199.42434	49.76263	2.18939	0.1343969	2.3680124	63155
(86574)	15.5	348.10664	273.49332	3.26107	2.45387	0.1567292	2.3809716	63135	(86626)	15.6	33.76814	143.70546	152.30400	7.34578	0.2652628	2.1613476	63156
(86575)	16.8	109.67338	314.86529	171.70582	1.18604	0.1371587	2.3761764	63136	(86627)	16.6	73.92223	95.41692	49.15252	2.90584	0.2040482	2.4167075	63156
(86576)	16.7	48.52357	346.32143	214.06657	1.68459	0.1480024	2.3954417	63136	(86628)	15.0	13.08210	91.84685	65.79847	4.69524	0.0216045	2.6728858	63156
(86577)	15.6	7.17132	75.45950	187.43761	6.37771	0.0834066	2.3371005	63136	(86629)	15.8	33.41645	91.54879	122.26937	3.53751	0.1093703	2.3821979	63157
(86578)	16.0	117.93013	185.04391	5.85530	5.54693	0.0776415	2.1888313	63137	(86630)	15.9	323.56872	312.06150	344.97435	3.86887	0.1621449	2.3734738	63157
(86579)	17.0	41.94901	253.84453	338.45720	1.01176	0.1815727	2.3470455	63138	(86631)	16.4	62.12090	354.48451	185.60700	2.10964	0.1410471	2.3800399	63158
(86580)	15.2	40.87373	261.09956	7.83982	5.43031	0.1310084	2.2353692	63138	(86632)	16.2	12.87500	112.96870	144.23671	3.57546	0.1643440	2.3410619	63158
(86581)	15.6	332.84905	299.70361	52.43760	8.96851	0.2173651	2.2019721	63139	(86633)	16.2	348.03179	280.92708	351.08965	0.86349	0.1715167	2.3833006	63158
(86582)	15.6	154.61514	233.94845	197.94165	4.56233	0.2103264	2.3140024	63139	(86634)	16.4	10.38783	59.48811	158.53066	2.02258	0.0774552	2.4532385	63159
(86583)	16.0	46.55313	198.53014	348.00316	5.35301	0.0858534	2.4152553	63140	(86635)	16.1	345.93393	122.22630	170.71324	6.63084	0.2070141	2.3285483	63159
(86584)	15.6	172.31995	92.12942	330.57752	4.00586	0.1519095	2.3428413	63140	(86636)	15.4	21.27522	160.09749	115.68347	7.61211	0.0921374	2.2444630	63160
(86585)	16.5	43.27062	29.43288	178.85148	22.92943	0.0668611	2.3589457	63141	(86637)	15.6	313.64646	232.08914	80.64856	7.51974	0.1269829	2.3749229	63160
(86586)	16.6	106.02079	330.07508	144.96856	2.81522	0.1541376	2.4257609	63141	(86638)	15.7	10.60598	196.76868	53.71376	3.92123	0.1501689	2.3852804	63161
(86587)	16.7	84.13471	235.82651	345.64934	4.52461	0.0575108	2.1851099	63141	(86639)	15.6	122.34664	351.93324	147.53133	6.94609	0.0474389	2.3123828	63161
(86588)	16.8	10.16260	7.99602	246.07852	1.56547	0.1651248	2.3709562	63142	(86640)	16.0	19.21662	127.78295	100.39183	3.71072	0.0935817	2.4079326	63161
(86589)	16.6	336.73724	228.66874	72.96771	1.66164	0.2008280	2.3274372	63142	(86641)	16.5	101.29213	107.49271	15.72273	5.46917	0.1741457	2.3924245	63162
(86590)	16.8	24.64436	106.93099	123.97794	2.11774	0.1479161	2.3794566	63142	(86642)	15.8	67.31184	305.12025	233.46287	10.01416	0.1140320	2.2855479	63162
(86591)	16.3	62.78738	88.07966	163.74456	5.76359	0.1549922	2.1966970	63143	(86643)	15.7	87.51365	18.31276	145.62094	5.62463	0.1232695	2.3288686	63162
(86592)	16.8	20.06645	107.19104	187.97673	4.18329	0.1370412	2.1948626	63143	(86644)	15.2	22.30196	21.39548	287.91319	2.35829	0.1964006	2.1652977	63163
(86593)	17.1	7.92539	76.09588	180.57750	4.69260	0.1500377	2.3686727	63143	(86645)	16.3	113.02766	125.26384	343.26366	2.10435	0.1818071	2.3776053	63163
(86594)	16.1	25.23382	68.18022	187.13115	6.52443	0.1654765	2.3207052	63144	(86646)	15.7	40.89068	199.75175	10.54959	3.54371	0.0995109	2.3982759	63164
(86595)	16.6	19.12858	122.95716	164.06586	0.92213	0.2067891	2.2517015	63144	(86647)	16.4	129.74046	288.54894	172.67185	4.91264	0.1503754	2.3518674	63164
(86596)	16.2	109.49730	323.14619	185.94845	6.30818	0.0393185	2.3335711	63145	(86648)	15.3	355.61538	3.44055	271.35236	6.50490	0.1031450	2.2940551	63165
(86597)	16.9	67.49036	159.90153	2.94861	1.34895	0.1447246	2.4189624	63145	(86649)	15.7	87.20104	228.98225	287.44715	2.69307	0.0856955	2.3397914	63165
(86598)	15.2	31.64735	242.93960	4.62794	7.68449	0.1830564	2.3356619	63145	(86650)	16.5	43.27486	171.62492	87.79885	5.28969	0.1595438	2.2270373	63165
(86599)	16.4	44.48379	356.77604	203.63623	2.27312	0.0788960	2.4082879	63146	(86651)	16.1	119.31723	56.86688	76.19295	6.32232	0.0851481	2.3139970	63166
(86600)	17.3	5.65883	271.58655	335.62647	0.42418	0.1334115	2.4041540	63146	(86652)	15.0	52.30288	283.59269	311.15502	6.63239	0.1686080	2.2819469	63166
(86601)	15.3	281.01484	313.29846	50.94959	4.85709	0.1575960	2.1438439	63146	(86653)	15.5	1.32274	140.63476	102.58688	7.13884	0.0913320	2.3959282	63166
(86602)	15.4	222.29519	279.60388	96.89636	7.31994	0.1245560	2.3080298	63147	(86654)	16.0	28.81374	48.32452	229.93154	6.19097	0.1869431	2.2514366	63167
(86603)	16.7	84.57314	34.56392	123.75283	2.86497	0.1564756	2.3206958	63147	(86655)	16.9	25.23620	185.51798	29.00314	6.69995	0.0788941	2.3811485	63167
(86604)	16.2	136.90402	24.63444	51.68734	3.17908	0.1930436	2.3504471	63147	(86656)	15.8	292.85024	288.68926	53.23613	8.36983	0.1718573	2.2644031	63168
(86605)	15.7	155.99325	311.17090	64.18988	4.11962	0.0032019	2.6411482	63147	(86657)	15.8	57.68407	56.39501	121.84321	3.18564	0.1022363	2.3766037	63168

(86658)	15.7	145.67285	31.59649	64.96228	5.19746	0.0305657	2.3574636	63168	(86710)	16.3	36.37162	7.84039	209.14113	2.07420	0.1662858	2.4207567	63190
(86659)	16.2	117.81366	49.17027	324.63450	3.60233	0.2421106	2.6144922	63168	(86711)	17.2	24.94965	17.81193	200.40284	1.99158	0.1607676	2.4297114	63191
(86660)	15.6	32.84403	341.55538	272.00928	4.26067	0.1071669	2.2452356	63169	(86712)	16.9	359.50507	102.20928	156.40024	1.28186	0.1541650	2.4178457	63191
(86661)	16.4	48.43876	173.19752	104.94717	5.00357	0.1551447	2.1590426	63169	(86713)	15.7	25.26208	226.24846	50.42142	1.59199	0.1952643	2.2464399	63191
(86662)	16.3	249.52985	339.80732	15.07676	8.44893	0.2255970	2.4711204	63170	(86714)	16.7	34.32265	323.68004	246.28260	1.36723	0.0766972	2.3831710	63192
(86663)	16.6	37.85860	54.08676	203.79842	3.48875	0.0987803	2.2674847	63170	(86715)	16.8	17.99310	36.09388	203.74585	4.17258	0.1444090	2.3720004	63192
(86664)	16.3	287.04202	301.73178	27.45183	1.54877	0.1969131	2.4302303	63171	(86716)	16.2	24.86297	322.09209	343.17323	3.62571	0.1821678	2.1627738	63192
(86665)	16.3	36.52504	239.89599	23.56380	4.58539	0.1149807	2.2572564	63171	(86717)	16.9	340.28376	92.63738	186.02920	2.54058	0.2010762	2.4160440	63193
(86666)	16.8	199.58055	258.76472	187.05149	29.01871	0.4267317	1.4629967	63172	(86718)	16.5	354.05086	140.95355	184.53761	3.28536	0.1988747	2.2014159	63193
(86667)	17.4	298.44127	172.38460	208.40731	14.28376	0.5947771	0.8592717	63172	(86719)	16.8	60.47799	259.47867	271.16118	1.12366	0.1396106	2.4408067	63194
(86668)	14.3	318.66262	253.53731	12.01721	16.98201	0.2203869	2.6196568	63173	(86720)	16.6	35.63910	33.53156	210.09981	3.25823	0.1686905	2.3319025	63194
(86669)	15.3	55.55920	133.25834	19.35597	16.59231	0.1246940	2.5222507	63174	(86721)	16.3	340.32481	283.19888	5.78709	2.42405	0.1836423	2.4071436	63194
(86670)	15.9	2.56500	118.30450	134.67475	5.41790	0.1626816	2.3609645	63174	(86722)	16.7	26.83383	309.68873	314.80486	0.29894	0.1167010	2.2945627	63195
(86671)	15.1	310.89057	126.53424	148.35596	17.09970	0.1493055	2.5426789	63175	(86723)	17.0	327.21992	268.31846	27.47670	1.50208	0.1922345	2.4372657	63195
(86672)	16.1	154.82007	354.92673	88.92886	7.29993	0.0824648	2.3663818	63175	(86724)	16.6	137.08613	78.38452	21.81200	1.53066	0.1423414	2.3894073	63196
(86673)	15.6	154.42934	6.86057	80.51760	10.01541	0.1375967	2.3577466	63175	(86725)	16.4	158.81795	298.58553	69.70631	0.59937	0.0843108	2.8068697	63196
(86674)	15.7	153.99902	355.51990	100.36234	11.33660	0.1585885	2.3201761	63176	(86726)	15.8	16.21636	95.10281	199.98287	5.30649	0.1388698	2.2457498	63196
(86675)	16.3	120.13902	41.68712	71.64377	4.20003	0.1300507	2.3937599	63176	(86727)	16.6	44.00447	52.51135	192.35717	2.47094	0.1181906	2.2991048	63197
(86676)	15.4	331.10057	92.33720	225.47726	6.68377	0.2296552	2.3463248	63177	(86728)	15.2	42.16406	263.43870	10.98844	4.37679	0.1425676	2.2296682	63197
(86677)	15.9	59.22480	272.27874	309.58653	1.77944	0.1914197	2.3183478	63177	(86729)	15.8	315.85581	314.96559	350.17498	2.76821	0.1747094	2.4322151	63198
(86678)	15.0	341.18958	313.25839	324.24398	1.73977	0.1818860	2.4471402	63178	(86730)	16.6	357.32715	130.55343	189.34141	7.20756	0.3040920	2.2707173	63198
(86679)	16.4	71.83632	72.55553	95.99502	3.09993	0.1727190	2.4014779	63178	(86731)	15.8	320.10401	253.77565	45.24574	2.39329	0.1639291	2.4461128	63199
(86680)	16.0	35.87772	115.70353	31.94037	13.11557	0.2679665	2.5486946	63179	(86732)	16.7	67.65346	7.11172	165.88852	2.02985	0.1143369	2.4247544	63199
(86681)	15.6	348.55667	228.36894	35.94604	7.05032	0.1240086	2.4216475	63179	(86733)	16.3	4.47151	353.47584	258.01479	0.72901	0.0945404	2.4233505	63199
(86682)	16.4	54.20208	103.00076	140.03262	2.90338	0.1860668	2.2750812	63179	(86734)	17.0	47.25070	280.69959	315.76680	1.14196	0.1488868	2.3256497	63200
(86683)	16.4	100.64812	358.19195	127.87676	3.54447	0.1223641	2.4322904	63180	(86735)	16.6	329.73165	109.39741	185.08228	1.14844	0.1775025	2.4423494	63200
(86684)	15.6	2.10361	227.95909	58.72039	3.53878	0.1921310	2.3351810	63180	(86736)	15.5	303.52355	269.94916	51.61249	3.26281	0.1786122	2.4284657	63200
(86685)	16.3	9.93224	194.01669	49.20198	4.84965	0.1609472	2.4413785	63180	(86737)	16.2	317.45219	100.20676	219.22895	1.81013	0.1921741	2.3964719	63201
(86686)	15.8	49.58406	190.50987	57.84795	4.77750	0.1493416	2.2771388	63181	(86738)	16.2	34.54618	110.69102	171.46044	3.70903	0.1545189	2.2395328	63202
(86687)	15.7	12.60796	200.47384	47.77992	7.67494	0.0733576	2.3912932	63181	(86739)	15.9	80.99932	39.53772	178.62413	4.79316	0.0798670	2.2493592	63202
(86688)	15.6	101.56796	49.73999	81.80695	6.89154	0.0940189	2.4076035	63182	(86740)	16.6	346.22904	108.40850	160.91698	2.78939	0.1381449	2.4541862	63203
(86689)	16.0	10.23136	106.44089	141.78539	6.44202	0.0910840	2.3841370	63182	(86741)	15.6	24.97634	250.83311	8.02217	4.29504	0.0782102	2.3262998	63203
(86690)	16.2	64.76310	149.07605	85.90738	5.26482	0.1038727	2.2402045	63182	(86742)	15.8	324.78115	282.03933	30.53877	1.60046	0.1879804	2.4062924	63204
(86691)	15.9	7.13795	182.47821	95.29339	6.89691	0.1570880	2.3263228	63183	(86743)	16.0	353.43556	252.13709	45.33586	3.22956	0.1488105	2.3408439	63204
(86692)	15.5	356.31025	189.61570	81.55356	7.69402	0.1102025	2.3798520	63183	(86744)	15.7	338.20961	79.37253	207.13250	5.32392	0.1312361	2.4335289	63205
(86693)	15.9	89.74142	256.75831	314.34640	7.09559	0.1020532	2.2365601	63183	(86745)	15.0	339.25160	123.72886	209.02565	5.09506	0.2153951	2.2860347	63205
(86694)	15.1	348.03344	320.41627	322.21284	4.45896	0.1628677	2.4152191	63184	(86746)	16.9	29.05505	342.12687	240.92025	1.29763	0.1609999	2.4444743	63206
(86695)	16.1	24.94927	347.43208	233.82200	9.81036	0.1582413	2.4473236	63184	(86747)	15.7	337.90431	309.52410	344.98850	1.90257	0.2071412	2.4397128	63206
(86696)	15.1	64.97720	296.76845	302.28108	4.38890	0.0989344	2.2559940	63185	(86748)	16.2	325.24238	63.09816	250.36354	1.38334	0.1910069	2.4129944	63207
(86697)	14.5	349.31905	311.56110	336.19576	2.20934	0.1501665	2.4069355	63185	(86749)	16.3	337.83495	302.47663	25.86411	6.72574	0.1469454	2.2858141	63207
(86698)	16.2	24.23171	36.18115	219.50452	5.55704	0.1518658	2.2711068	63186	(86750)	17.3	4.83396	251.98598	41.59985	3.79800	0.1874712	2.3332409	63207
(86699)	15.0	344.66440	151.52206	151.22494	24.18458	0.1882064	2.3257835	63186	(86751)	16.2	351.64199	92.26276	196.17732	4.25627	0.1900092	2.3221703	63208
(86700)	16.6	128.61466	45.31891	71.33218	4.17725	0.0586834	2.3606573	63187	(86752)	16.2	6.44405	17.34567	260.48642	0.67183	0.1766270	2.3769580	63208
(86701)	16.7	50.96869	135.91365	43.28077	9.06462	0.1366573	2.4452643	63187	(86753)	16.4	23.19150	247.92351	23.52296	2.31357	0.1973515	2.3445686	63208
(86702)	16.6	4.47697	221.12542	76.97508	5.80348	0.1136082	2.2448265	63187	(86754)	15.8	358.71788	218.86295	127.85983	1.37134	0.1562972	2.1573862	63209
(86703)	15.2	178.03188	4.95979	66.38652	10.57126	0.2116943	2.3113035	63188	(86755)	16.6	2.17518	285.42849	35.81665	5.25106	0.1860894	2.2518786	63209
(86704)	17.3	119.13891	48.98548	64.18236	3.28877	0.1530099	2.3670280	63188	(86756)	15.2	353.24760	279.38524	28.93807	7.09621	0.1546322	2.3221703	63209
(86705)	14.9	356.99689	5.08257	265.60386	5.70812	0.0937858	2.3801342	63188	(86757)	16.2	4.94056	276.08180	17.71888	4.62692	0.2288998	2.3571415	63210
(86706)	14.0	271.51787	312.73162	47.67569	24.56183	0.1942899	2.3331970	63189	(86758)	15.7	346.60062	149.72994	194.71699	5.09165	0.1287934	2.2059829	63210
(86707)	16.5	7.54443	102.77752	182.47661	2.02823	0.2049745	2.3491793	63189	(86759)	15.4	6.71825	95.91569	191.23395	2.10177	0.1921799	2.3634370	63211
(86708)	16.8	48.80129	340.10275	256.65778	3.88329	0.1289309	2.2967701	63189	(86760)	16.5	85.03720	41.20235	127.54254	1.33639	0.1058387	2.4143302	63212
(86709)	16.0	14.63493	33.86940	245.22340	3.63131	0.1549793	2.2623263	63190	(86761)	16.0	116.36705	272.81576	188.35882	3.55926	0.1320541	2.5469677	63212

(86762)	16.5	22.19364	219.41359	60.85252	2.70770	0.1270347	2.3106445	63212	(86814)	16.7	5.27329	69.32381	213.98109	4.13435	0.2008080	2.4003472	63235
(86763)	16.0	322.10342	243.35023	32.05332	10.64377	0.0471148	2.5215228	63213	(86815)	15.3	6.87415	205.43202	94.91251	8.13027	0.2161761	2.2793890	63236
(86764)	16.7	72.87543	0.56241	221.26485	4.54419	0.0924219	2.2912123	63213	(86816)	15.9	9.49585	205.07808	83.95595	9.17819	0.1312627	2.2918424	63236
(86765)	15.6	322.12132	183.70852	114.55941	7.19017	0.1158674	2.3703894	63213	(86817)	16.1	61.68259	99.52571	146.37735	7.52949	0.1217811	2.2536616	63237
(86766)	16.3	16.83292	175.81250	86.89333	5.84825	0.2150599	2.3433582	63214	(86818)	14.6	10.82603	124.66019	124.15631	8.37573	0.1220811	2.4617604	63237
(86767)	15.4	123.67120	42.18562	77.53679	13.67177	0.1266093	2.3778512	63214	(86819)	17.4	145.43871	150.16565	165.02134	10.05512	0.5067192	1.9950276	63238
(86768)	15.5	78.51298	222.09518	303.87300	4.23425	0.0861311	2.36714728	63214	(86820)	16.4	89.84907	90.44547	131.21468	4.28167	0.0500790	2.2069770	63239
(86769)	15.4	315.65007	262.42659	74.70507	6.93788	0.2701383	2.3359656	63215	(86821)	16.2	1.10625	202.81865	110.15041	7.16098	0.1533705	2.2459174	63240
(86770)	15.8	74.24067	99.69860	114.97485	5.96118	0.1097168	2.2782717	63215	(86822)	15.9	21.26445	194.59006	110.83283	4.51921	0.1942550	2.2286099	63240
(86771)	15.7	47.36569	174.97118	99.21563	6.12926	0.1407643	2.2116195	63216	(86823)	16.0	5.39292	96.96275	187.36623	9.73475	0.2559043	2.3813287	63240
(86772)	16.0	0.83186	134.52990	168.19594	7.73847	0.1356276	2.2792059	63216	(86824)	16.7	47.58160	138.72903	90.19816	2.06980	0.1713836	2.3549901	63241
(86773)	15.2	23.29885	180.85577	94.33829	7.31408	0.1592087	2.3005264	63217	(86825)	16.3	11.09801	140.86899	134.08749	7.58394	0.1645084	2.3525464	63241
(86774)	16.2	5.66880	135.03357	128.07920	5.50516	0.1625818	2.4110402	63218	(86826)	16.2	50.62683	19.50131	152.29416	12.40355	0.1725919	2.5166122	63241
(86775)	15.1	354.84833	175.12689	113.53913	7.66294	0.1287147	2.3568846	63218	(86827)	15.7	349.15337	165.63283	151.08286	7.02673	0.1312472	2.3377778	63241
(86776)	15.3	0.96937	155.55351	112.09634	9.26811	0.0978308	2.4056057	63218	(86828)	16.4	310.40931	101.77045	207.81750	6.98813	0.1122328	2.4561218	63242
(86777)	15.3	103.68762	91.53619	97.16112	7.34857	0.1908104	2.2612776	63219	(86829)	16.2	190.83802	31.21499	78.61820	14.39125	0.5748437	1.4629542	63242
(86778)	14.7	343.13333	175.57323	140.81293	7.14979	0.1344064	2.3161383	63219	(86830)	15.7	355.44288	69.62103	246.09313	3.99456	0.1732852	2.2537288	63243
(86779)	16.5	64.40845	86.12641	160.81781	8.25489	0.1186445	2.2443156	63220	(86831)	16.5	16.03566	324.70607	336.94058	1.85607	0.2112612	2.1971548	63243
(86780)	15.7	13.49654	182.86604	90.29483	1.97314	0.1874809	2.2863811	63221	(86832)	14.9	128.50243	160.48625	301.82206	4.71729	0.1073590	2.4365895	63244
(86781)	15.6	67.15771	101.16879	74.87819	3.29766	0.1456344	2.3729204	63221	(86833)	14.5	18.32179	342.51904	262.34601	6.51984	0.1887230	2.4002182	63244
(86782)	16.0	36.65258	120.10909	145.07840	3.41783	0.1317348	2.2329184	63222	(86834)	15.5	209.77413	141.75944	190.88054	6.37292	0.0666126	2.7476048	63244
(86783)	16.0	70.68460	14.82677	162.54904	13.77761	0.1348613	2.4052946	63222	(86835)	15.6	19.47391	220.92487	68.26714	4.45021	0.1541418	2.2208942	63245
(86784)	16.6	3.64240	97.26611	157.91109	13.08992	0.2442616	2.4682229	63223	(86836)	16.8	81.91279	265.79231	306.30869	3.17390	0.0803046	2.2628189	63245
(86785)	17.2	63.11942	219.04794	312.46340	0.59173	0.1287145	2.4484137	63223	(86837)	15.6	33.70171	305.32447	313.58511	8.01140	0.1879046	2.2939919	63245
(86786)	16.3	334.91185	244.28806	58.08356	6.03402	0.2332025	2.3932197	63223	(86838)	15.7	4.37150	195.33583	96.06625	7.17741	0.2150106	2.3679097	63246
(86787)	15.3	345.59412	41.73274	255.28800	4.07815	0.1621017	2.3369999	63224	(86839)	16.0	333.99073	212.28514	117.31831	8.43292	0.1817045	2.3056784	63246
(86788)	15.1	351.01589	46.46629	275.81420	5.47163	0.1986003	2.2515974	63224	(86840)	15.3	79.05465	128.63420	90.62875	7.56573	0.0656314	2.3098370	63246
(86789)	15.5	2.22340	354.11284	339.62268	4.65394	0.1901483	2.1715868	63225	(86841)	15.2	20.38907	238.47608	50.34536	24.54037	0.2054720	2.3006902	63247
(86790)	15.6	76.04204	281.54805	294.06347	2.62785	0.1337810	2.2778719	63225	(86842)	16.0	359.99575	185.04286	81.16173	15.05513	0.1537937	2.4343034	63247
(86791)	16.0	57.47727	247.77813	357.58898	7.02222	0.0836318	2.2522418	63226	(86843)	16.3	351.77066	204.72103	53.49015	7.03629	0.0696732	2.4462736	63248
(86792)	15.9	10.86495	130.83455	155.72694	4.12704	0.2300247	2.3330085	63226	(86844)	15.9	326.41999	339.47883	0.53130	7.84360	0.1812085	2.2440299	63248
(86793)	15.5	18.24237	231.62071	39.97731	9.00246	0.1311576	2.3204252	63227	(86845)	16.2	42.04197	317.54201	284.46089	5.23720	0.1893252	2.2878826	63248
(86794)	14.9	136.44640	51.83025	38.48817	11.13744	0.2399637	2.4140146	63227	(86846)	16.1	337.68257	128.71480	145.36899	6.90600	0.0986560	2.3878526	63249
(86795)	16.8	13.92281	138.20378	143.48109	2.77193	0.2258753	2.3359569	63228	(86847)	17.7	43.89489	141.73714	101.53600	0.60203	0.1645315	2.2781072	63249
(86796)	16.1	35.55506	139.01795	77.63852	3.52578	0.1303236	2.4422407	63228	(86848)	16.2	299.25021	110.64143	213.24927	1.67210	0.1936943	2.4583784	63249
(86797)	14.9	49.85892	124.56327	153.21793	5.77970	0.1857828	2.2322701	63229	(86849)	15.9	5.79612	182.36267	144.89283	4.61431	0.1883990	2.2315473	63250
(86798)	15.1	276.62525	326.76846	6.23352	6.71243	0.1422497	2.4587616	63229	(86850)	15.9	3.99692	344.51373	269.85031	2.23794	0.1529463	2.3812879	63250
(86799)	15.9	18.61856	146.52375	152.51786	4.75645	0.1943917	2.2348953	63230	(86851)	17.2	26.92266	68.60548	201.87023	0.87268	0.1685547	2.2568514	63251
(86800)	15.8	9.94133	267.36461	31.16913	4.22642	0.2342712	2.2756960	63230	(86852)	15.8	135.32656	287.54200	191.05603	6.86797	0.0508780	2.4004918	63251
(86801)	15.9	325.85394	98.65932	205.30940	1.64111	0.2161610	2.4256262	63231	(86853)	15.2	355.07192	267.58929	49.28710	13.19339	0.2590827	2.3479742	63251
(86802)	15.9	17.54989	220.39628	6.09974	6.68962	0.0713166	2.4460720	63231	(86854)	15.8	48.51661	340.08287	226.19469	14.00414	0.1642600	2.4411310	63252
(86803)	15.8	352.52866	105.54372	163.37649	6.76754	0.0988509	2.3490607	63232	(86855)	16.1	352.10851	269.88797	48.25999	6.25192	0.1223774	2.2657371	63252
(86804)	15.5	289.05278	284.13896	39.81269	6.66584	0.1378690	2.4145591	63232	(86856)	16.5	335.51420	248.04491	53.56386	1.24153	0.2041784	2.4551856	63253
(86805)	16.5	12.16062	209.67179	79.25186	3.75556	0.2037271	2.2904574	63232	(86857)	15.7	341.77708	269.44606	53.92238	6.80847	0.1383281	2.3254313	63253
(86806)	16.5	46.37101	73.96258	129.20898	3.69590	0.1264756	2.4037237	63233	(86858)	16.3	84.66629	168.69796	33.76268	3.84389	0.1504344	2.3032507	63253
(86807)	15.6	108.38702	1.00271	116.24222	3.13573	0.1539724	2.4321586	63233	(86859)	16.1	352.48070	62.42872	218.09524	6.04879	0.0952685	2.4072543	63254
(86808)	16.8	340.77530	92.08264	189.92238	6.86928	0.2079730	2.3892956	63233	(86860)	16.0	354.04347	17.56801	240.92746	2.48544	0.2601743	2.3255070	63254
(86809)	15.2	44.40879	117.32383	100.67103	6.75987	0.0647370	2.4153032	63234	(86861)	16.4	48.64390	272.81432	283.30261	1.18403	0.1297076	2.4674499	63255
(86810)	16.1	47.70248	161.39770	88.49715	7.46917	0.1723333	2.3191343	63234	(86862)	16.0	351.61993	213.55231	41.17678	6.86220	0.2538073	2.5677614	63255
(86811)	15.5	49.28234	125.86986	120.89138	5.42024	0.1850043	2.3349557	63234	(86863)	16.3	18.30480	189.80339	99.27093	7.10654	0.1791598	2.2937558	63256
(86812)	15.6	28.44271	100.60532	155.34116	9.04124	0.1892249	2.3958961	63235	(86864)	16.1	33.03892	196.97121	54.89008	5.44795	0.1061523	2.3560888	63256
(86813)	16.2	11.24132	185.06839	125.39967	6.65322	0.1473856	2.2771852	63235	(86865)	16.5	327.09118	173.70305	133.55646	1.97204	0.1826700	2.4232943	63256

(86866)	16.0	232.10263	159.12981	221.33562	4.28189	0.0520668	2.4699676	63257	(86918)	16.6	352.36603	247.95746	55.81115	3.13043	0.1919307	2.3934166	63279
(86867)	15.4	352.28791	209.23678	50.51965	7.07572	0.1020563	2.4669428	63257	(86919)	14.3	259.46245	258.25617	57.08654	12.64801	0.0703830	2.6785029	63279
(86868)	15.8	351.80479	174.88546	154.71660	6.64608	0.1635261	2.3018720	63257	(86920)	15.7	314.60002	142.35586	161.21012	4.37698	0.1424928	2.4866002	63279
(86869)	16.5	351.24166	159.02864	167.90726	3.30893	0.2577836	2.2941340	63258	(86921)	15.6	34.49482	201.37487	75.84282	4.66864	0.1865613	2.2926410	63280
(86870)	16.4	332.30813	109.13987	227.28429	5.71617	0.1365515	2.2938269	63258	(86922)	15.5	343.59696	281.30896	71.29523	6.57427	0.2117494	2.2219999	63280
(86871)	16.3	6.23841	179.46706	121.87726	3.14041	0.2136598	2.3346527	63258	(86923)	16.0	4.56567	279.66213	19.97749	10.30594	0.2503901	2.3561612	63281
(86872)	14.9	229.53622	318.11475	75.61647	7.62007	0.1396148	2.4205809	63259	(86924)	15.6	309.81727	42.49688	251.14823	2.96105	0.0490993	2.5093878	63281
(86873)	14.9	194.91650	293.18086	139.99277	7.73167	0.0824764	2.3396861	63259	(86925)	15.2	130.60996	64.13033	34.74945	13.02975	0.0998509	2.5143894	63281
(86874)	15.7	11.36545	128.72791	171.75082	4.71719	0.1508789	2.2957108	63260	(86926)	15.5	306.78600	115.23291	218.70520	12.84020	0.2465053	2.4418452	63282
(86875)	15.1	336.55384	0.64837	291.63281	5.31277	0.1135668	2.3785335	63260	(86927)	16.0	343.71501	278.56112	57.92105	6.19146	0.1994668	2.2804139	63282
(86876)	16.1	36.92826	167.89965	32.32122	5.74277	0.0714135	2.4565289	63261	(86928)	16.2	278.29554	278.82938	61.12378	1.31415	0.1462785	2.5253372	63282
(86877)	16.0	309.70974	81.10834	216.43251	12.17292	0.1537393	2.5319162	63261	(86929)	17.2	6.19356	220.22554	74.41364	7.15254	0.1642729	2.3592767	63283
(86878)	17.7	300.80840	214.69071	231.16911	9.47791	0.6184033	1.3415566	63261	(86930)	16.6	13.85528	171.92593	106.17176	3.39377	0.1837664	2.3847154	63283
(86879)	16.5	319.44378	105.26034	208.79730	1.93712	0.1838834	2.4568348	63262	(86931)	15.5	21.69054	239.18869	73.96658	6.91565	0.1797530	2.2538858	63283
(86880)	16.0	356.66007	223.59350	88.65238	3.09727	0.2420939	2.3394160	63263	(86932)	16.3	12.52605	228.67166	65.81837	5.73002	0.2291643	2.3682403	63284
(86881)	15.3	3.10781	143.33291	159.68694	6.65705	0.1214920	2.3046693	63263	(86933)	15.2	313.44327	236.85950	67.31774	4.67058	0.1420792	2.5462772	63284
(86882)	16.0	50.55464	122.43018	105.22514	5.42439	0.1519458	2.3660598	63263	(86934)	16.7	356.31235	217.01503	99.17512	2.74796	0.2425454	2.3056743	63285
(86883)	15.2	318.88695	134.34862	189.38798	11.09151	0.2269695	2.4432653	63264	(86935)	16.7	331.87484	156.18748	150.49077	2.92125	0.1716016	2.4349660	63285
(86884)	14.9	132.06911	326.52429	138.56122	5.59022	0.1660592	2.4484037	63264	(86936)	15.7	22.52664	357.38708	286.68535	4.90082	0.1638338	2.2857006	63285
(86885)	14.7	26.13984	54.50743	224.06890	22.67341	0.1670969	2.3072257	63265	(86937)	15.7	17.47678	11.26704	295.11836	4.84106	0.1973832	2.2449381	63286
(86886)	15.1	337.82080	50.89358	230.82649	5.77119	0.1199530	2.4587930	63265	(86938)	16.6	75.55614	184.40339	330.33416	1.85408	0.1309230	2.4728129	63286
(86887)	15.7	71.77970	265.28199	269.44062	5.20937	0.0884732	2.4450209	63266	(86939)	15.9	20.50025	134.40184	106.25896	4.26603	0.1543831	2.4652022	63286
(86888)	15.6	81.88109	31.83429	129.94286	9.32027	0.1884039	2.4127456	63266	(86940)	15.9	337.12582	274.11388	66.69942	6.30383	0.1680858	2.2654208	63287
(86889)	16.6	352.88008	175.08863	122.32542	10.84488	0.3080858	2.4272670	63266	(86941)	15.3	287.77420	148.81679	217.61497	10.11856	0.2759028	2.3755985	63287
(86890)	15.9	326.04351	134.65368	229.52412	3.23958	0.1285081	2.1694693	63267	(86942)	16.6	358.09777	176.50750	130.89307	2.79295	0.2164486	2.3456769	63288
(86891)	16.4	354.39249	67.31848	233.46519	4.09578	0.1129369	2.3505583	63267	(86943)	16.8	353.33101	191.28981	111.02959	3.41931	0.1610125	2.3707938	63288
(86892)	16.6	346.28976	317.65075	30.01655	3.99332	0.2079646	2.2382308	63268	(86944)	15.6	0.08321	214.30194	94.18713	24.93872	0.2158213	2.3003429	63288
(86893)	15.5	294.85030	70.73622	258.44138	1.18370	0.1515341	2.5175620	63268	(86945)	14.7	27.20534	109.89554	203.01322	9.22954	0.0913188	2.2075887	63289
(86894)	15.1	349.44643	101.33986	239.00020	5.40336	0.2198823	2.2366386	63269	(86946)	14.5	106.50090	63.25148	102.65822	6.22381	0.0192532	2.4153881	63289
(86895)	15.6	320.05827	204.18863	107.53975	8.68989	0.0899475	2.3726664	63269	(86947)	16.2	29.79389	194.32895	77.55309	7.46745	0.1038557	2.3131110	63290
(86896)	15.3	287.52444	225.22872	138.45116	14.211437	0.2512836	2.4360588	63269	(86948)	15.7	1.41717	137.70194	91.09598	6.06651	0.1894643	2.3389879	63290
(86897)	15.9	329.63053	264.74753	78.27833	7.81815	0.1471963	2.3182465	63270	(86949)	16.1	65.64806	133.45260	98.92700	8.12106	0.0699801	2.3183356	63291
(86898)	16.0	300.27550	237.42570	88.45267	3.54605	0.2003489	2.4695517	63270	(86950)	16.0	48.01386	73.49910	172.30326	3.70471	0.1704379	2.3364750	63291
(86899)	15.1	343.31238	351.69147	271.04950	5.88145	0.1091511	2.4589557	63271	(86951)	16.6	11.24387	171.94749	143.83263	4.95323	0.1716425	2.2721067	63291
(86900)	15.6	175.98821	353.26573	65.50741	3.65525	0.0396128	2.4909810	63271	(86952)	15.6	336.87000	305.25759	54.51786	5.59557	0.1633409	2.2400263	63291
(86901)	15.9	331.97026	197.12167	142.75358	3.82200	0.1728947	2.2710722	63271	(86953)	16.5	356.88253	284.62300	21.29631	6.58035	0.1962786	2.3585274	63292
(86902)	14.9	281.79071	269.78832	74.82213	3.87504	0.1950989	2.4251716	63272	(86954)	16.5	8.12716	174.31960	129.62569	7.53462	0.1278483	2.2883812	63292
(86903)	16.2	356.80868	83.90459	222.67662	6.45936	0.1245798	2.3087023	63273	(86955)	15.7	31.69758	170.45497	113.19635	6.92498	0.1202950	2.2620341	63293
(86904)	15.0	259.24595	269.27764	39.09155	9.44788	0.1487618	2.7566980	63273	(86956)	17.1	72.14745	42.98957	183.56713	7.91933	0.1692586	2.2792681	63293
(86905)	14.8	262.86338	172.32753	47.45665	7.14681	0.1022118	3.2182579	63274	(86957)	16.7	324.57134	197.55031	94.99618	3.29905	0.2095704	2.5327193	63293
(86906)	14.6	114.16373	180.77826	214.20145	10.16855	0.0509998	3.0352401	63274	(86958)	16.3	21.87133	29.99731	257.16591	5.05154	0.2070506	2.3094545	63293
(86907)	15.5	341.72047	334.44925	11.12964	2.92037	0.1962003	2.2592689	63274	(86959)	15.6	82.94565	130.88206	79.03649	24.49533	0.1542270	2.2791500	63294
(86908)	16.3	317.22456	78.65244	195.80181	1.43394	0.0505694	2.5855934	63275	(86960)	15.3	34.93615	119.52770	157.27435	7.05333	0.1657747	2.2440049	63294
(86909)	16.0	358.72612	85.07245	210.60577	0.88295	0.2859785	2.4168550	63275	(86961)	15.5	334.59613	87.90247	235.40203	4.42710	0.1950344	2.3159668	63295
(86910)	16.3	14.45121	60.25379	224.76891	6.26530	0.1258753	2.3383183	63275	(86962)	15.8	37.57155	117.53533	183.50326	21.55433	0.2539912	2.2797873	63295
(86911)	15.5	341.24575	312.94110	40.81276	6.01444	0.2117966	2.2534256	63276	(86963)	16.5	31.07468	114.77745	141.39392	6.77808	0.0804058	2.3174159	63295
(86912)	15.6	334.51953	230.75202	79.63189	2.37113	0.1973440	2.4388735	63276	(86964)	16.0	10.60187	172.53226	118.41813	7.66219	0.3230781	2.3800371	63296
(86913)	15.7	30.83652	62.60952	216.17577	3.96731	0.1864162	2.3170727	63277	(86965)	13.7	358.22740	128.86341	116.17382	37.14927	0.2067283	2.5825735	63296
(86914)	15.7	349.83357	137.87501	196.21929	3.68986	0.2851815	2.3312802	63277	(86966)	15.3	100.72457	66.38186	53.57224	30.06991	0.1112297	2.5837235	63297
(86915)	16.1	6.08666	256.92699	52.07040	7.86963	0.1388784	2.3048362	63277	(86967)	16.4	352.25967	37.98569	235.06096	5.84002	0.2155826	2.4569300	63297
(86916)	16.1	9.86811	97.79187	214.10804	3.38383	0.1495640	2.2999303	63278	(86968)	15.7	270.04088	114.99192	219.17867	3.45220	0.1078952	2.5173550	63297
(86917)	15.1	342.09307	112.55036	218.94234	6.40384	0.1411671	2.3361751	63278	(86969)	15.8	334.84512	119.14752	242.44498	4.95291	0.2262953	2.2309291	63298

(86970)	15.8	321.66119	116.49491	232.32671	2.62235	0.1763809	2.2509313	63298	(87022)	15.8	43.61859	93.48012	164.40422	9.16748	0.1479498	2.3278704	63319
(86971)	16.8	349.15824	176.19716	142.21968	0.61645	0.2346621	2.3613005	63299	(87023)	16.4	82.04645	112.28026	95.83596	11.18983	0.1244631	2.3225736	63319
(86972)	16.1	334.40425	110.02998	219.93318	2.64414	0.1855123	2.3579912	63299	(87024)	18.7	344.87572	84.89202	230.62362	14.43154	0.1899132	1.1967236	63320
(86973)	15.9	41.78443	168.50431	91.59553	1.80234	0.1715494	2.3372923	63300	(87025)	18.0	77.81181	359.52103	120.56176	25.31740	0.4836441	1.2266823	63322
(86974)	16.1	328.93572	118.80191	216.26575	4.38271	0.2105080	2.3736200	63300	(87026)	16.2	47.61777	94.22098	144.97747	1.74712	0.1872566	2.3834430	63322
(86975)	16.5	66.88069	120.41928	102.54421	2.42943	0.1863593	2.3190557	63300	(87027)	16.3	28.98496	193.63918	77.25805	3.56944	0.1857426	2.3571150	63322
(86976)	15.6	38.99138	154.57064	97.42812	4.17889	0.1172841	2.3535989	63301	(87028)	15.6	14.18066	339.16654	312.70539	5.15634	0.1958163	2.3527505	63323
(86977)	15.9	44.18544	144.57236	122.48874	4.69343	0.0944096	2.2541483	63301	(87029)	15.6	355.36541	343.26355	269.53389	3.10115	0.1601141	2.5513584	63323
(86978)	15.3	340.56577	153.19480	108.66193	13.38457	0.2396159	2.5669901	63301	(87030)	15.8	299.04149	305.19218	41.27249	2.80913	0.2327342	2.4314699	63324
(86979)	15.9	12.84406	357.46267	282.29132	6.18079	0.1299029	2.3224103	63302	(87031)	16.1	23.21092	20.80623	196.45241	6.63787	0.1377980	2.5490279	63324
(86980)	16.1	11.61177	263.40178	25.14382	2.22794	0.2311318	2.3503826	63302	(87032)	16.0	187.49438	348.58312	141.12828	3.90143	0.0458331	2.2251373	63325
(86981)	15.0	347.96191	326.71570	307.85744	5.49364	0.1294710	2.4662494	63302	(87033)	15.9	71.68574	323.43743	228.26249	8.51542	0.0396029	2.4813928	63325
(86982)	15.0	308.03783	79.75015	285.75730	6.78775	0.1577754	2.2577651	63303	(87034)	15.5	347.50681	257.90784	79.17130	7.11360	0.2378903	2.3564460	63325
(86983)	15.4	5.99663	0.42606	280.58807	6.45720	0.0929975	2.3628226	63304	(87035)	14.4	181.32117	300.97186	131.95408	22.86211	0.3442381	2.3516734	63326
(86984)	15.7	92.74391	274.31586	245.68794	8.63415	0.0415962	2.4411857	63304	(87036)	16.0	331.23122	214.17142	133.48685	6.02744	0.1982605	2.3430870	63326
(86985)	15.5	35.86955	2.87583	264.11426	3.96635	0.1663029	2.3289777	63304	(87037)	16.6	34.38068	267.47591	342.69135	1.13056	0.1491124	2.4194925	63327
(86986)	15.8	8.82254	250.99506	34.57314	3.90123	0.1276702	2.3671463	63305	(87038)	15.2	307.20155	297.67895	82.77649	23.98344	0.2048032	2.3045268	63327
(86987)	16.2	61.37752	248.51796	351.82658	4.01531	0.1065342	2.3071750	63305	(87039)	16.1	313.72058	207.27904	102.88376	4.22325	0.2013898	2.5459536	63327
(86988)	15.4	313.81670	264.42367	30.74366	7.36033	0.0974190	2.5532984	63305	(87040)	16.3	18.27685	138.45764	134.32799	2.88176	0.1823520	2.4087118	63328
(86989)	15.5	346.93239	51.75361	238.08042	8.79901	0.2066016	2.4757594	63306	(87041)	16.8	33.08408	95.28624	186.65374	5.81669	0.1743020	2.3273930	63328
(86990)	15.5	341.98680	78.42341	249.62155	6.77973	0.1536408	2.3459154	63306	(87042)	15.9	45.42213	133.60604	126.97278	5.62593	0.1692965	2.3382202	63328
(86991)	15.8	344.10570	75.21933	260.61612	0.99854	0.2554657	2.3330705	63307	(87043)	16.3	358.57915	118.12876	192.83710	2.28964	0.1749894	2.3783025	63328
(86992)	15.7	328.80195	125.37695	241.89217	5.04064	0.2034229	2.2448830	63307	(87044)	15.7	335.15019	71.12701	205.59435	5.18060	0.1514579	2.6023407	63329
(86993)	15.8	14.72499	291.49070	22.45081	4.42625	0.2399832	2.3119946	63308	(87045)	15.4	313.20243	140.16627	222.11596	6.11576	0.2079442	2.3153499	63329
(86994)	15.9	56.86215	300.68936	296.23849	1.92459	0.1776380	2.3511077	63308	(87046)	15.7	291.29094	140.95066	245.47828	5.46764	0.1022717	2.2747041	63329
(86995)	15.3	20.59458	215.42157	43.62548	3.07892	0.1683757	2.4385775	63308	(87047)	16.6	14.33138	224.95136	64.46271	3.37133	0.1843604	2.3710882	63330
(86996)	15.7	326.15549	256.60862	57.62831	6.06489	0.2593823	2.5278048	63309	(87048)	15.3	315.41812	226.09804	81.69178	4.10882	0.1670026	2.5601441	63330
(86997)	16.1	17.86577	260.09935	33.96779	2.67714	0.2147317	2.3615154	63309	(87049)	16.5	9.62253	250.12212	46.01737	2.51075	0.2004671	2.3821522	63331
(86998)	16.1	108.67223	148.45926	44.68297	6.59836	0.0999903	2.2843163	63309	(87050)	16.8	42.50374	192.39560	61.86681	3.45407	0.1487397	2.3654924	63331
(86999)	16.7	350.52296	6.16768	261.32356	3.43608	0.2168724	2.5525462	63310	(87051)	15.7	337.83869	53.56238	267.38831	3.53478	0.2006041	2.4396050	63331
(87000)	16.0	266.05066	278.86107	54.10704	5.15730	0.1395899	2.6207132	63310	(87052)	14.6	265.02035	269.07491	70.05092	10.74806	0.0684967	2.6320644	63332
(87001)	16.7	76.32020	67.87455	58.23786	12.99244	0.2337070	2.5991800	63311	(87053)	14.7	293.34816	263.37717	75.04985	13.92177	0.2129314	2.5812702	63332
(87002)	15.4	297.42241	257.37896	63.21775	12.55544	0.1520985	2.5746215	63311	(87054)	14.9	333.64374	4.18692	271.07875	2.83532	0.1004648	2.6083281	63333
(87003)	16.5	345.98971	89.70569	228.11324	1.36217	0.1809219	2.3925792	63311	(87055)	16.1	15.45652	342.81590	305.48769	0.57463	0.1740669	2.3891774	63333
(87004)	15.7	9.09219	303.48946	11.61329	7.41427	0.1274898	2.2716921	63312	(87056)	15.8	350.84689	98.83069	226.80231	7.48695	0.1514545	2.3409293	63334
(87005)	15.6	0.02258	313.19857	35.29987	8.09224	0.3196360	2.2902982	63312	(87057)	16.0	315.34053	187.25705	113.95403	7.71407	0.1827838	2.5962746	63334
(87006)	13.6	289.67446	139.82311	164.03009	35.41005	0.2313935	2.7849227	63312	(87058)	15.5	271.18859	134.12292	216.50862	7.43178	0.0785675	2.5461154	63334
(87007)	15.6	41.05653	83.45457	179.62665	3.62997	0.1048534	2.3234644	63313	(87059)	17.1	350.00120	242.33317	69.77323	0.26293	0.2110641	2.3819791	63335
(87008)	15.8	35.97225	191.48789	70.43215	7.19308	0.1134080	2.3455394	63313	(87060)	16.9	258.15839	126.43973	209.35800	6.96834	0.0903824	2.6532167	63335
(87009)	15.5	12.68190	108.57051	201.47222	6.72869	0.2810191	2.3423517	63314	(87061)	15.8	239.87946	106.30690	206.40904	6.33831	0.0412092	2.8593391	63335
(87010)	15.6	353.21864	233.56677	81.25133	6.88349	0.1203329	2.3411504	63314	(87062)	16.3	5.15672	35.38605	269.54508	2.47284	0.1862809	2.3652117	63335
(87011)	15.6	320.26260	179.02526	123.55942	4.95146	0.1669171	2.5521627	63314	(87063)	14.1	283.26343	87.85773	255.93860	11.17657	0.1891745	2.5832246	63336
(87012)	15.3	321.27782	133.31795	173.76279	5.25301	0.2286466	2.5649972	63315	(87064)	15.0	309.69306	225.71537	84.58603	9.16173	0.1729729	2.5567791	63336
(87013)	15.4	39.64145	150.15591	104.55043	7.17035	0.0821491	2.3697116	63315	(87065)	16.7	4.93649	111.16343	206.60150	5.22085	0.1698288	2.3429608	63337
(87014)	15.5	86.95674	350.73169	214.72660	4.89065	0.1474581	2.3390565	63316	(87066)	15.2	28.07527	327.18709	241.58262	11.97327	0.2063911	2.5775864	63337
(87015)	15.1	54.70041	153.96918	103.47805	5.89480	0.0948297	2.3139587	63316	(87067)	15.6	46.23001	335.34461	230.32334	1.74916	0.1271444	2.5316600	63338
(87016)	15.6	316.67290	65.18738	229.79047	9.68648	0.1643369	2.5994028	63317	(87068)	16.1	349.90284	183.63712	127.93275	9.79249	0.2173234	2.3642763	63338
(87017)	16.8	32.73016	324.02373	297.46252	3.56207	0.1498702	2.3533371	63317	(87069)	15.9	72.05325	25.24817	204.25480	5.41038	0.0624369	2.3182286	63338
(87018)	16.1	32.76529	30.00182	252.50673	4.90058	0.1663716	2.2977668	63318	(87070)	15.1	306.66043	246.09738	70.06064	14.35027	0.1880377	2.5601136	63339
(87019)	15.3	354.09519	183.99851	67.89195	4.07367	0.0687142	2.5358301	63318	(87071)	15.1	301.71866	96.32087	218.14905	13.00268	0.1187674	2.5691398	63339
(87020)	15.7	335.70218	130.55659	207.21013	3.51107	0.2098599	2.3579301	63318	(87072)	14.7	245.08880	252.28274	109.40764	13.23906	0.2098613	2.6115836	63340
(87021)	16.3	15.91748	175.90579	126.91768	7.52616	0.2116970	2.3144098	63319	(87073)	14.5	272.76389	168.49158	195.88663	26.77019	0.2224632	2.5635246	63340

(87074)	16.0	5.54799	218.56289	94.52070	7.07503	0.1432466	2.3328328	63340	(87126)	16.6	42.94613	44.96902	223.87264	1.81863	0.2013238	2.3683065	63360
(87075)	16.3	312.21456	68.33639	251.96819	1.59622	0.2433305	2.5316050	63341	(87127)	15.0	286.61236	267.51591	85.94743	8.45029	0.1658331	2.6242518	63361
(87076)	14.5	327.21910	18.62931	266.85239	11.61046	0.1352742	2.7560232	63341	(87128)	14.6	302.26778	287.97305	54.10722	5.79405	0.1945249	2.6113713	63361
(87077)	16.0	25.53477	146.89092	117.39800	6.03622	0.2051588	2.3724293	63341	(87129)	14.9	346.56370	20.47837	296.81679	13.04130	0.1915051	2.5495219	63361
(87078)	15.5	18.82673	181.61542	97.38143	7.85850	0.1066077	2.3329911	63342	(87130)	16.5	313.71728	70.08108	238.58833	1.85002	0.3198522	2.7085839	63362
(87079)	14.9	266.82474	122.72009	218.74835	13.53278	0.1364460	2.6058138	63342	(87131)	16.2	251.16658	205.82317	204.76271	3.54071	0.0811865	2.5558510	63362
(87080)	16.2	3.86123	194.90353	146.97824	4.84796	0.1631719	2.2263148	63342	(87132)	15.8	289.85534	302.55669	141.57662	8.54832	0.2298639	2.2921109	63362
(87081)	16.3	322.12550	183.12510	133.14853	4.78405	0.2602776	2.5269065	63343	(87133)	14.4	358.75615	42.97620	300.09872	9.60802	0.1270536	2.3994443	63363
(87082)	16.0	358.05466	244.23570	106.80804	6.55550	0.1747414	2.2315839	63343	(87134)	14.7	354.92258	53.72951	247.53468	9.06839	0.3011177	2.6402059	63363
(87083)	15.8	339.25735	234.21633	103.66541	7.05815	0.1423534	2.3324620	63343	(87135)	14.0	334.66353	143.05171	281.24090	23.15099	0.2837911	2.4096537	63364
(87084)	15.3	338.68582	39.44507	228.45099	14.25291	0.0892069	2.5852591	63344	(87136)	16.2	289.06574	232.33264	168.19011	4.72345	0.1814771	2.4800043	63364
(87085)	16.0	348.12686	153.84923	179.51351	4.35895	0.2439191	2.3601942	63344	(87137)	16.0	257.45228	240.52856	170.09707	5.19850	0.0700658	2.5193200	63364
(87086)	15.6	337.84117	358.39256	330.47247	3.49490	0.1040915	2.2927435	63344	(87138)	14.2	286.61126	38.54299	297.58214	6.78478	0.2293866	2.7901674	63365
(87087)	16.2	328.80777	139.22533	179.62580	6.38446	0.1846584	2.4358651	63345	(87139)	14.5	35.35743	109.49858	191.91964	22.44361	0.1874054	2.4172948	63365
(87088)	15.9	310.72452	125.50189	245.12636	3.99678	0.2457212	2.3323058	63345	(87140)	15.8	317.01281	116.32882	241.44626	3.97025	0.2640208	2.5959795	63366
(87089)	15.4	2.48184	210.64616	119.07230	6.77521	0.2599859	2.3513584	63346	(87141)	15.1	303.45523	73.36883	297.00803	14.56936	0.0808541	2.5613133	63366
(87090)	14.2	319.24377	84.98781	236.36318	23.09576	0.1491814	2.5678122	63346	(87142)	14.5	298.60504	206.49116	143.28375	18.22742	0.2625428	2.7228472	63366
(87091)	14.7	1.96754	73.48030	251.44660	21.82268	0.2534176	2.3925909	63346	(87143)	15.0	356.59347	3.29419	310.06908	14.35993	0.1996337	2.5285066	63367
(87092)	14.7	325.53395	108.94018	207.33642	10.94791	0.1977641	2.5285651	63347	(87144)	14.3	290.88250	212.82982	130.84622	12.80072	0.1557966	2.7685035	63367
(87093)	15.1	335.28433	241.89341	94.98410	7.50138	0.1433214	2.3433924	63347	(87145)	15.5	337.51982	165.81249	129.09612	11.46013	0.1239644	2.7153210	63368
(87094)	15.8	132.56072	291.88939	171.80444	4.79946	0.0741913	2.5750538	63348	(87146)	15.3	316.22360	252.33566	112.46571	8.32836	0.2222360	2.5644162	63368
(87095)	15.1	318.99924	96.34003	228.98851	10.98317	0.2190920	2.5279368	63348	(87147)	15.7	333.30269	36.74162	315.43467	12.35653	0.1838685	2.5170455	63368
(87096)	15.3	53.59134	342.66374	247.29283	1.31423	0.1796161	2.4172195	63348	(87148)	16.1	331.08620	315.77240	46.71231	3.24531	0.3144185	2.5301989	63369
(87097)	15.7	85.94217	299.32766	215.57976	7.27752	0.1016068	2.5797366	63349	(87149)	14.9	313.43298	20.10582	10.40997	2.21712	0.1723729	2.4557689	63369
(87098)	14.9	318.01339	148.47916	192.97124	12.35700	0.2916286	2.6237395	63349	(87150)	14.6	352.74559	167.44469	116.81259	13.48074	0.1489828	2.6538647	63370
(87099)	14.7	314.47077	203.49716	110.46216	15.40552	0.0676720	2.5566355	63349	(87151)	15.0	273.71226	225.18068	117.42914	3.80818	0.1613922	2.8652678	63370
(87100)	13.5	352.48312	19.47112	267.12427	14.13078	0.1613711	2.6044840	63350	(87152)	14.9	308.27471	73.53886	292.60659	12.38797	0.2137402	2.5539775	63370
(87101)	14.0	16.94663	18.26671	239.66864	11.38779	0.1566301	2.6316556	63350	(87153)	16.9	356.47304	199.73031	139.75892	3.62766	0.2097510	2.4188269	63371
(87102)	15.3	343.55697	130.68436	145.89451	13.45883	0.1991777	2.6023425	63351	(87154)	15.3	306.36862	216.34230	130.41693	17.36438	0.1908594	2.6669594	63371
(87103)	15.1	320.36532	199.99556	115.10262	14.38512	0.1810698	2.6193026	63351	(87155)	14.5	23.26511	13.17031	265.73922	11.16379	0.1660100	2.5544853	63371
(87104)	14.7	295.63271	194.45276	147.58633	12.85298	0.2013720	2.6620579	63352	(87156)	15.6	337.19885	99.65342	206.29938	0.73745	0.2042165	2.5770541	63372
(87105)	14.8	289.07057	111.59221	229.05428	11.61007	0.1956774	2.7090462	63352	(87157)	14.7	8.67246	12.83594	291.87307	13.33783	0.1820865	2.5348173	63372
(87106)	16.0	27.80473	66.06413	217.84009	6.75991	0.2258801	2.4208581	63352	(87158)	13.6	250.89920	153.52967	288.23801	18.11240	0.2074930	2.5619781	63373
(87107)	15.0	1.09037	60.40746	220.74251	5.03190	0.2664711	2.5577417	63353	(87159)	16.1	10.82305	197.41271	123.17556	7.14479	0.2168666	2.4081703	63373
(87108)	14.2	348.38320	356.56819	262.62228	11.38891	0.1222330	2.7565322	63353	(87160)	15.0	303.33744	42.52916	270.48339	6.77595	0.2181613	2.7916193	63373
(87109)	15.3	33.24306	75.06780	212.38992	6.19482	0.2156969	2.4161023	63354	(87161)	15.6	23.55923	178.43714	135.53369	0.88652	0.2224328	2.3770833	63374
(87110)	15.0	357.12874	354.60465	263.81259	13.16573	0.1400201	2.7117186	63354	(87162)	16.0	319.24092	237.70887	102.16431	3.21293	0.1472629	2.5708915	63374
(87111)	14.7	319.97616	121.80529	209.64245	11.77834	0.1796598	2.6354219	63354	(87163)	14.7	313.88641	201.39944	108.27017	10.47460	0.1466714	2.7183306	63375
(87112)	14.8	17.36979	155.43028	160.95690	20.19597	0.1914056	2.4061261	63355	(87164)	15.8	343.44450	256.52518	98.78325	2.52439	0.2057035	2.4289149	63375
(87113)	15.1	323.28473	205.31066	88.31583	5.64618	0.1352295	2.6064152	63355	(87165)	14.3	205.75520	71.98231	325.17293	6.79572	0.0969931	2.9672599	63375
(87114)	15.0	316.39293	242.30007	119.85213	11.55073	0.2960561	2.6066044	63356	(87166)	15.5	322.94440	62.18148	277.03974	12.03057	0.1980570	2.5625794	63376
(87115)	15.1	332.58595	219.50009	126.31564	5.42758	0.2358403	2.5668835	63356	(87167)	15.3	343.91397	226.24949	122.74195	7.14503	0.1566057	2.4215041	63376
(87116)	14.5	316.65574	231.22983	126.42385	13.88936	0.1876607	2.5945579	63357	(87168)	15.4	306.18503	48.07453	317.42235	8.69497	0.2219066	2.5813437	63377
(87117)	14.5	278.10625	116.66019	241.04372	11.48023	0.3096706	2.8017155	63357	(87169)	15.1	304.11902	189.27736	169.31989	9.56109	0.3477085	2.6608101	63377
(87118)	15.6	14.26537	145.68813	100.52443	8.10903	0.0969598	2.4383186	63357	(87170)	14.6	293.31825	174.98254	219.88624	4.76593	0.3082049	2.6085322	63377
(87119)	16.6	68.84488	45.24143	183.94652	6.42685	0.0628438	2.3257431	63358	(87171)	15.5	350.97258	202.43485	163.43500	14.89828	0.2371338	2.4138572	63378
(87120)	14.8	295.01692	219.90453	144.96381	14.42073	0.2715235	2.6796168	63358	(87172)	14.5	299.18832	132.51187	280.06022	8.16095	0.1788153	2.4632981	63378
(87121)	15.8	301.38940	222.45463	98.81787	14.10573	0.1848578	2.5307957	63358	(87173)	15.1	328.40903	173.63620	165.97798	13.77999	0.1679208	2.5989826	63379
(87122)	15.3	279.67898	226.94099	131.48812	11.44323	0.2468504	2.5220477	63359	(87174)	14.9	28.77442	131.44470	167.71252	7.42558	0.1192482	2.4524848	63379
(87123)	15.9	323.13985	102.00964	295.84320	6.47215	0.1559177	2.3069859	63359	(87175)	15.2	346.57325	26.57422	306.40607	12.45678	0.1768961	2.5672570	63380
(87124)	16.2	315.84054	200.07039	87.03361	8.15785	0.1697050	2.7131896	63359	(87176)	13.4	314.71596	57.94566	316.06473	12.77474	0.2028396	2.5944221	63380
(87125)	15.3	325.48290	258.32974	90.55679	7.06338	0.1356592	2.3742785	63360	(87177)	15.0	320.99308	95.69455	267.70705	5.22881	0.1512843	2.4676983	63381

(87178)	14.7	359.85246	338.68994	341.69272	13.23671	0.1657543	2.6140407	63381	(87230)	15.4	323.10204	55.31506	314.84826	13.74668	0.1942121	2.5325268	63402
(87179)	14.5	342.86526	44.54888	309.79357	13.02687	0.3137219	2.5530167	63382	(87231)	15.0	292.77849	83.58563	309.11175	11.76372	0.2042927	2.6144331	63402
(87180)	14.5	284.52212	108.54402	303.91579	13.16203	0.1839638	2.5632105	63382	(87232)	15.8	21.83250	139.00711	165.96137	9.75911	0.2373048	2.4551463	63403
(87181)	14.5	16.04064	24.17706	279.73026	11.88717	0.1716638	2.5511905	63383	(87233)	14.9	320.44780	144.24362	169.88286	9.48999	0.2078523	2.7483870	63403
(87182)	14.7	308.38311	238.47267	164.39839	30.91641	0.3083896	2.6223556	63383	(87234)	14.5	316.79802	72.85396	308.77518	12.75026	0.1914054	2.5422986	63404
(87183)	15.0	61.04562	116.71475	132.44496	5.47683	0.1943380	2.3705456	63384	(87235)	13.2	242.30207	138.36697	317.12501	12.66792	0.1272200	2.5676491	63404
(87184)	15.6	306.06999	78.43466	262.13887	0.55640	0.2192830	2.6227031	63384	(87236)	15.8	332.15458	124.64571	227.18231	4.18110	0.2701053	2.5794783	63405
(87185)	15.3	2.55367	138.73525	193.80076	2.28670	0.1806096	2.3984623	63385	(87237)	14.6	14.96512	352.27097	306.94032	12.05639	0.2272638	2.5342804	63405
(87186)	15.5	320.14903	9.90860	288.70771	2.65832	0.0961975	2.7203930	63385	(87238)	15.0	353.20242	78.57967	247.72001	4.17058	0.2348900	2.5662004	63406
(87187)	16.1	353.57400	144.35100	156.47257	4.07228	0.1756106	2.5385479	63385	(87239)	14.0	274.92375	148.83407	266.38008	11.56336	0.2807100	2.6424553	63407
(87188)	15.0	249.49446	234.67708	148.79571	5.30429	0.1247040	2.7337041	63386	(87240)	14.8	333.26074	136.31056	176.37313	13.01407	0.2604707	2.6587323	63407
(87189)	16.8	351.96519	163.50072	175.42662	2.15271	0.2270395	2.4432366	63386	(87241)	14.1	326.20002	44.65956	277.08370	11.04637	0.1769553	2.6911990	63407
(87190)	15.8	308.11371	173.67054	131.92598	3.61243	0.0629148	2.7710543	63386	(87242)	14.6	226.69074	159.72674	208.00164	4.64127	0.1805491	3.1521383	63408
(87191)	15.0	322.44634	164.28815	121.05932	4.61317	0.1542091	2.7865433	63387	(87243)	15.6	1.02361	120.21508	180.90308	15.30167	0.2654529	2.5680620	63408
(87192)	15.7	339.17790	5.97706	355.40497	1.79545	0.2290905	2.4505918	63387	(87244)	15.3	335.70284	176.55455	165.59815	14.28449	0.2568161	2.6086130	63408
(87193)	14.3	84.00782	231.53997	319.21939	14.04352	0.1203168	2.6250290	63387	(87245)	14.9	11.48462	332.05614	340.69499	6.01061	0.2119679	2.5280176	63409
(87194)	15.3	351.41753	179.03146	129.86563	7.36255	0.2555471	2.5533769	63388	(87246)	14.6	349.73602	25.46525	345.82445	13.41626	0.1983903	2.4507766	63409
(87195)	15.5	336.84450	248.17347	129.49857	4.55149	0.1406272	2.3736148	63388	(87247)	16.0	350.42419	325.21164	357.62205	5.51510	0.3193088	2.5747947	63410
(87196)	15.1	293.48068	148.32602	256.37902	5.22845	0.2887638	2.5514526	63389	(87248)	13.4	303.17525	51.74235	345.25905	14.99217	0.1366930	2.5965305	63410
(87197)	14.6	327.77898	112.95018	292.94104	21.31196	0.2752119	2.3752835	63389	(87249)	14.1	3.02580	338.90136	342.54206	15.63261	0.2354068	2.5486887	63411
(87198)	14.4	335.50639	13.31865	5.51591	11.30065	0.2136650	2.5598612	63389	(87250)	15.0	358.15887	341.07069	340.11989	3.43706	0.3013767	2.5607162	63412
(87199)	15.8	355.37563	243.52006	97.23165	3.16555	0.2312931	2.4061605	63390	(87251)	14.3	320.82648	230.39936	127.82571	9.67936	0.1846584	2.6768132	63412
(87200)	15.7	325.62267	276.02314	52.04281	2.83962	0.3014756	2.5794592	63390	(87252)	15.0	317.60002	31.95475	350.08540	11.99691	0.3053394	2.6043828	63413
(87201)	15.5	332.57023	24.96581	332.17661	3.77472	0.0790476	2.4053243	63391	(87253)	15.2	332.28703	298.22035	69.02637	4.99328	0.2817954	2.5682683	63413
(87202)	14.8	354.50107	223.16104	108.05143	5.18343	0.2179349	2.4436555	63391	(87254)	15.7	287.56468	292.64155	121.84692	2.75841	0.1996199	2.6451696	63414
(87203)	15.4	330.22932	288.56992	90.38555	2.43376	0.1880372	2.3950143	63391	(87255)	14.4	236.77872	77.26378	282.20564	12.90653	0.0740707	2.9879453	63414
(87204)	14.9	336.18878	99.00799	257.20963	7.83123	0.1705190	2.4523164	63392	(87256)	14.5	6.34649	18.78930	272.17283	11.64475	0.1661600	2.6281982	63414
(87205)	15.9	331.18798	100.66715	274.45443	8.87872	0.2888236	2.4600048	63392	(87257)	13.9	271.98382	150.40187	284.46426	12.32279	0.1389134	2.5363262	63415
(87206)	14.6	253.02781	121.20722	289.90738	11.81578	0.1563501	2.6406468	63392	(87258)	14.4	318.19737	49.99331	299.41593	13.62637	0.1451292	2.6591058	63415
(87207)	15.4	312.62374	102.61544	219.18343	3.07928	0.1979840	2.7256630	63393	(87259)	15.2	337.74215	9.45956	319.49364	11.50471	0.0993662	2.7199070	63416
(87208)	15.8	341.56320	68.26536	269.44290	4.25378	0.2840710	2.5323939	63393	(87260)	16.9	331.92619	186.85980	137.36289	5.00309	0.1058534	2.5567999	63416
(87209)	15.3	25.37801	344.54420	294.27009	9.43106	0.1249915	2.5369938	63394	(87261)	15.4	311.95180	193.40054	160.78301	4.64062	0.1660934	2.5691628	63417
(87210)	14.8	6.63636	337.22042	19.46524	8.75596	0.1785994	2.4194221	63394	(87262)	15.3	301.77061	239.03248	122.47088	4.45964	0.1009639	2.5758224	63417
(87211)	14.2	285.34744	100.95663	254.79138	13.74315	0.1284149	2.6816902	63394	(87263)	15.2	261.82696	62.47072	359.61299	2.97864	0.1082320	2.5097639	63417
(87212)	16.3	335.75322	91.71013	247.35545	7.11471	0.1864474	2.5318130	63395	(87264)	15.6	310.40270	285.10004	120.94082	7.32676	0.1125779	2.3737152	63418
(87213)	14.4	242.94476	115.84621	246.52333	9.06554	0.1565079	2.9699114	63395	(87265)	15.0	351.05158	45.96381	329.13559	5.09230	0.2511753	2.3793769	63418
(87214)	15.5	280.31757	167.64384	234.63540	7.72249	0.1545356	2.5532268	63396	(87266)	17.2	344.83839	169.51021	162.19813	2.74463	0.2510245	2.5256974	63419
(87215)	13.8	306.82415	89.81702	237.41289	9.76970	0.0677150	2.6912039	63396	(87267)	15.8	307.77398	229.69674	142.01421	6.32153	0.0984804	2.5349215	63419
(87216)	14.3	219.39993	150.58471	243.60941	12.32495	0.1443710	2.9361571	63396	(87268)	15.8	337.75017	41.58460	291.52062	4.71583	0.1792521	2.5564731	63419
(87217)	15.0	285.68586	134.42073	215.47992	8.21917	0.2315201	2.7820042	63397	(87269)	9.2	359.97611	212.41336	142.35716	20.09070	0.95959785	13.9977406	63419
(87218)	14.1	264.05759	177.89272	235.44013	13.08881	0.1280333	2.5819235	63397	(87270)	14.3	195.60089	276.54312	134.60274	9.83528	0.1073126	2.9604136	63420
(87219)	15.4	330.90824	87.66606	258.42395	10.89100	0.1614093	2.5548626	63397	(87271)	15.2	316.08589	12.05289	337.77627	5.67583	0.1301900	2.5733166	63420
(87220)	15.8	358.24436	4.86895	261.01757	12.35920	0.1383845	2.6832701	63398	(87272)	14.7	272.89463	31.24582	316.51808	2.29257	0.1168003	2.8083421	63420
(87221)	15.8	307.19228	185.09497	200.75241	8.44430	0.2563988	2.5630276	63398	(87273)	15.5	346.27175	300.48474	43.15893	12.19665	0.3426971	2.5608119	63421
(87222)	14.0	205.59490	139.83637	245.56949	5.22670	0.1508420	3.1684113	63398	(87274)	14.6	282.88729	81.79916	332.69386	13.44115	0.1878721	2.6060753	63421
(87223)	14.7	283.14395	157.27023	261.82255	5.22570	0.1093351	2.4801647	63399	(87275)	14.9	355.94967	56.18863	261.19467	12.46811	0.1203205	2.4859180	63422
(87224)	14.8	265.58875	154.65814	266.11190	11.96340	0.2674331	2.5879269	63399	(87276)	13.9	286.82594	259.17211	5.00530	23.29271	0.1245601	3.1626027	63422
(87225)	15.2	271.63118	86.08182	250.12072	9.37411	0.1303927	2.9304570	63399	(87277)	15.2	328.36731	241.12672	104.83834	14.21401	0.1859952	2.6289782	63423
(87226)	15.4	288.92050	194.14575	182.03252	14.98128	0.1991543	2.6580993	63400	(87278)	14.1	329.82286	211.73925	92.18519	11.17219	0.2722173	2.7493934	63423
(87227)	15.7	340.71734	107.41257	200.63339	4.21690	0.3088660	2.6222150	63400	(87279)	14.6	302.56988	273.78882	123.82375	16.04962	0.1994078	2.5907137	63423
(87228)	13.3	163.36616	151.04357	293.66326	9.66575	0.0477432	2.9925241	63400	(87280)	15.2	8.45928	185.33113	100.78168	14.41955	0.2368860	2.6241101	63424
(87229)	14.9	0.99763	68.27645	240.62895	4.63934	0.1558363	2.5523213	63401	(87281)	13.8	285.87324	111.17255	302.81604	13.45745	0.1927566	2.6665411	63424

(87282)	13.6	286.86032	63.93050	267.61749	12.43046	0.1527461	3.0385228	63425	(87334)	16.0	302.84647	218.98507	165.61128	2.20534	0.2013100	2.6117108	63445
(87283)	15.0	278.78434	99.33483	294.22333	13.09701	0.1803064	2.7903366	63425	(87335)	15.2	47.89517	71.24448	173.94810	11.73668	0.2343661	2.6009014	63446
(87284)	16.0	0.32021	266.19170	350.68118	1.44042	0.1454628	2.6789645	63426	(87336)	14.7	215.09156	234.03345	140.25413	10.63806	0.0119334	3.0737455	63446
(87285)	15.6	307.07999	207.76282	112.83600	3.72615	0.0897602	2.7035297	63426	(87337)	15.6	321.45825	203.26919	166.25757	16.28179	0.2258348	2.5942491	63447
(87286)	15.5	359.46771	213.13128	119.70704	7.51468	0.1031293	2.4077849	63426	(87338)	14.9	308.77100	348.63917	7.68027	3.14522	0.1801777	2.6515149	63447
(87287)	15.6	1.29166	194.39358	145.24904	8.26295	0.1049253	2.3946706	63426	(87339)	16.3	357.39618	213.63722	90.31787	1.51599	0.3079817	2.5532632	63448
(87288)	15.9	327.41419	238.89200	153.06782	2.94879	0.2163316	2.3975607	63427	(87340)	14.4	146.14360	204.88746	324.51506	13.64749	0.1080148	2.5565863	63448
(87289)	14.9	96.06688	357.22336	152.38032	2.57006	0.0085013	2.8661939	63427	(87341)	15.3	15.25947	38.40598	284.33252	5.17063	0.0860894	2.4592526	63449
(87290)	15.2	282.24749	60.50782	332.00751	1.45581	0.2103653	2.6027128	63428	(87342)	15.3	10.80884	265.57971	16.68440	4.89992	0.2573346	2.5642931	63449
(87291)	15.2	265.61769	225.05294	121.99115	2.53334	0.1805919	2.8851501	63428	(87343)	15.3	67.49794	137.58501	358.96870	22.86649	0.0861572	1.8235977	63449
(87292)	15.7	350.30951	295.20384	71.26026	5.19887	0.2190539	2.4183682	63428	(87344)	14.8	299.15266	19.18031	345.34984	28.88270	0.0815522	2.6441721	63450
(87293)	15.8	2.98939	266.30289	41.32790	3.65077	0.1406668	2.5445026	63429	(87345)	13.9	258.77680	307.48102	140.92389	28.95680	0.1708917	2.5963984	63450
(87294)	15.6	7.00671	249.75137	48.31193	5.92334	0.1718332	2.5517223	63429	(87346)	15.2	288.39808	33.26567	350.77051	14.27556	0.1259199	2.6791122	63450
(87295)	15.9	308.36581	303.29447	76.23518	7.17282	0.1427327	2.5495430	63429	(87347)	14.7	237.20443	106.28282	353.02383	12.29303	0.1415898	2.5918412	63451
(87296)	14.6	256.56611	70.28615	283.82979	0.91427	0.1136162	2.9252888	63430	(87348)	14.6	251.20767	325.03177	42.55017	2.79175	0.1010954	3.0418498	63451
(87297)	15.4	38.93927	282.49787	322.52135	10.75982	0.1303341	2.6212606	63430	(87349)	14.8	253.79996	260.53320	102.22552	2.66905	0.1940990	3.0205090	63452
(87298)	16.5	333.40155	136.78191	205.78661	1.09333	0.2211590	2.5499513	63431	(87350)	15.0	34.57116	296.56250	20.37271	4.12533	0.2207558	2.3957957	63452
(87299)	13.4	195.66847	259.32742	161.52595	15.90556	0.2394702	3.1887630	63431	(87351)	15.1	20.98885	286.11910	3.65225	9.78139	0.0563090	2.5557230	63453
(87300)	16.0	6.31779	189.80240	121.86893	5.56114	0.2203577	2.5877506	63431	(87352)	14.6	337.49995	229.91266	90.24627	12.49554	0.1302444	2.6303511	63453
(87301)	14.4	319.14494	120.54330	257.13318	14.34920	0.1228657	2.5379237	63432	(87353)	15.2	307.07756	243.32071	129.35088	14.08881	0.1927181	2.6084115	63453
(87302)	14.1	272.87451	172.91864	249.24798	11.25634	0.1109278	2.5763790	63432	(87354)	15.5	318.62060	205.16478	124.33774	17.65488	0.2473988	2.7730129	63454
(87303)	13.8	240.70458	71.50668	301.26082	12.34399	0.2794778	3.1756830	63433	(87355)	14.8	246.30584	169.23415	241.89195	2.22343	0.0461884	2.6175134	63454
(87304)	15.3	350.91352	98.21436	255.45669	4.30443	0.2277541	2.4796592	63433	(87356)	14.7	221.26742	207.12272	176.87858	3.83163	0.0905400	2.9733802	63454
(87305)	13.9	164.86642	172.06381	331.92895	11.04624	0.1405000	2.6914519	63433	(87357)	16.1	299.17356	231.41659	177.81890	2.24997	0.1705361	2.4480711	63455
(87306)	12.8	340.65092	45.94350	271.56970	34.29963	0.2089617	2.7566382	63434	(87358)	15.7	267.77174	229.66477	177.20669	2.86093	0.1625068	2.6245304	63455
(87307)	15.1	346.47351	5.20355	351.70362	9.56764	0.2259239	2.4380564	63435	(87359)	15.7	318.32961	222.74832	150.95067	8.84591	0.1858086	2.5209334	63456
(87308)	14.6	278.98062	43.00645	4.50163	12.92382	0.1978641	2.5799310	63435	(87360)	14.4	144.66669	198.22370	327.15125	13.87563	0.0421739	2.5686368	63456
(87309)	17.6	240.48123	188.12481	294.31774	34.74549	0.4630797	0.8474788	63435	(87361)	16.0	296.61345	125.67032	199.18360	1.44194	0.0772272	2.8525166	63456
(87310)	15.7	326.80939	11.31244	345.65297	8.50660	0.2565500	2.5722855	63436	(87362)	14.3	196.77607	214.42249	186.52790	1.87418	0.2598455	3.2503078	63457
(87311)	16.5	95.37509	343.29486	191.54022	7.68550	0.5125272	1.5896988	63436	(87363)	15.8	307.03769	164.36049	187.86117	2.24936	0.0948731	2.6623737	63457
(87312)	13.4	204.03316	115.25179	349.04487	13.08247	0.1459365	2.5865150	63437	(87364)	16.2	288.91769	103.81786	220.15924	1.25836	0.0835287	2.9180034	63458
(87313)	15.1	312.78947	31.06055	355.28076	3.45140	0.1734740	2.5352765	63437	(87365)	16.1	39.27636	126.51083	159.11018	1.27127	0.1646823	2.4513488	63458
(87314)	15.5	326.10117	55.33198	337.18658	6.72053	0.1775112	2.4549604	63438	(87366)	17.0	325.37056	242.69588	110.41716	1.77187	0.1782256	2.5722064	63458
(87315)	15.5	15.04352	339.49577	315.71070	1.91314	0.1727003	2.5629301	63438	(87367)	16.2	344.35370	210.34636	149.71303	5.08680	0.2649936	2.4751801	63458
(87316)	14.5	265.40741	77.04701	349.28783	5.26202	0.1585328	2.6369053	63438	(87368)	15.9	23.78629	92.44414	163.84877	4.60829	0.2372767	2.6190154	63459
(87317)	15.3	282.52040	53.77034	353.24562	2.44406	0.1555957	2.6307108	63439	(87369)	16.3	328.36253	190.17558	156.87501	5.05584	0.2400742	2.5908640	63459
(87318)	15.3	311.68115	165.75576	162.18458	8.70278	0.2000474	2.7429051	63440	(87370)	15.1	331.51783	2.16351	341.84897	13.42512	0.1897438	2.5861926	63459
(87319)	14.1	302.97697	86.13205	315.45478	12.46771	0.1453663	2.5472642	63440	(87371)	16.0	296.41359	237.95572	159.43213	3.22359	0.1529487	2.5384676	63460
(87320)	15.2	227.77922	39.06367	327.53119	0.93176	0.3108171	3.0685765	63441	(87372)	15.4	347.36041	321.60101	53.19098	2.33061	0.1875596	2.4015704	63460
(87321)	16.1	280.53409	50.09403	304.51352	1.85633	0.2381086	2.7563900	63441	(87373)	15.2	313.85365	242.37113	105.67199	3.17296	0.2954576	2.6745419	63461
(87322)	15.1	1.28774	346.60094	316.94178	11.63321	0.1424496	2.5246928	63441	(87374)	15.1	306.83339	282.98289	46.01433	3.23442	0.1847596	2.7668931	63461
(87323)	14.8	323.16693	66.94577	309.19897	4.68869	0.1299484	2.4409229	63442	(87375)	13.6	173.02658	348.13555	64.68250	3.42285	0.1748551	3.3226678	63461
(87324)	15.7	346.79217	24.90774	309.14404	4.53428	0.1533399	2.4926642	63442	(87376)	14.6	299.36752	300.60051	129.11903	11.73405	0.2132929	2.3715175	63462
(87325)	15.9	307.00271	57.81302	319.25092	7.01367	0.2134149	2.5494548	63442	(87377)	14.7	316.78514	264.34672	94.62439	5.94865	0.1434975	2.5806734	63462
(87326)	15.3	6.11309	148.41099	135.27388	8.21790	0.1025519	2.5707986	63443	(87378)	16.2	347.53343	239.63483	118.43209	4.96316	0.1927072	2.4559988	63463
(87327)	15.5	256.77740	141.05870	277.53239	2.73249	0.1147901	2.6145881	63443	(87379)	15.8	334.32856	265.34109	5.24185	1.52517	0.0780671	2.9140660	63463
(87328)	16.3	359.42863	35.56971	295.17659	2.78040	0.0891974	2.4770368	63443	(87380)	14.1	203.26548	93.21912	2.80891	15.12493	0.0894690	2.6688667	63463
(87329)	15.2	270.94883	348.43092	350.12699	1.18274	0.1188719	2.9418164	63444	(87381)	15.5	346.99024	204.80724	121.63276	8.92064	0.2044042	2.5842890	63464
(87330)	16.1	38.35655	309.89407	309.23678	4.10022	0.1548555	2.5631828	63444	(87382)	15.8	356.96693	241.11645	74.33003	6.05277	0.2114336	2.5689059	63464
(87331)	16.0	310.77848	226.69363	135.86447	5.75247	0.0998443	2.5985162	63444	(87383)	15.4	285.78719	231.68337	150.46443	15.43500	0.0933734	2.7016110	63464
(87332)	15.6	321.96686	138.07289	154.31346	1.22590	0.0779275	2.8932655	63445	(87384)	15.5	348.45116	291.88770	28.07063	6.03119	0.2163522	2.6055813	63465
(87333)	14.3	197.92314	257.11345	160.03758	15.63617	0.1160886	3.0691506	63445	(87385)	15.2	283.36623	328.61603	90.75387	5.73030	0.2345808	2.6115744	63465

(87386)	15.7	357.48459	295.04574	35.86242	8.61571	0.2676753	2.5242751	63465	(87438)	16.8	13.16653	124.28529	174.96589	3.64546	0.1306639	2.5341902	63485
(87387)	14.3	238.50944	316.86645	138.94590	12.10535	0.1520241	2.6617359	63466	(87439)	14.4	282.77316	198.90762	103.52331	6.57666	0.1263135	3.1226805	63485
(87388)	14.8	271.36359	209.42694	126.54879	15.11351	0.1005935	3.0961776	63466	(87440)	15.0	13.18431	340.26143	317.76815	6.37488	0.1632909	2.5271083	63486
(87389)	15.3	303.23162	247.46190	135.15169	7.02290	0.2191526	2.6284559	63467	(87441)	13.7	160.08453	185.24228	325.52695	12.36372	0.1172283	2.6028535	63486
(87390)	14.6	224.03967	338.74447	51.29649	12.44081	0.1604508	3.1353049	63467	(87442)	15.8	230.13743	176.92369	205.54499	1.29475	0.1223494	3.0372579	63486
(87391)	15.7	344.73976	223.55056	90.00728	3.98978	0.2126108	2.6501144	63467	(87443)	15.9	14.56308	286.65923	352.34003	4.98817	0.2270752	2.5978680	63487
(87392)	14.7	262.29127	271.94574	158.03295	14.52110	0.1358657	2.6119704	63468	(87444)	15.6	304.43052	214.95702	169.25467	15.50510	0.1833039	2.6081301	63487
(87393)	15.1	310.35376	238.02071	93.07124	10.18444	0.1586574	2.8107361	63468	(87445)	15.9	9.96357	317.56414	346.34642	4.11702	0.0377922	2.5847825	63487
(87394)	16.7	356.11934	110.34014	208.75011	1.18345	0.2564743	2.5321258	63468	(87446)	15.9	314.14788	122.42153	229.19330	0.72211	0.0833427	2.6539108	63488
(87395)	15.6	338.40666	118.77355	267.66431	1.07295	0.1958220	2.4159977	63469	(87447)	15.7	351.56672	251.73273	62.00963	4.91637	0.3093150	2.6005289	63488
(87396)	15.7	350.52893	15.31502	308.40514	3.73200	0.2610088	2.5470280	63469	(87448)	14.5	271.62329	92.10538	329.02005	14.00027	0.0947049	2.5919771	63488
(87397)	15.2	56.30465	277.57485	333.08008	8.72995	0.0882363	2.5681456	63469	(87449)	14.7	255.27779	113.28347	320.64556	7.05408	0.2083410	2.7042954	63489
(87398)	14.9	232.85693	114.05307	335.53387	12.74991	0.1438105	2.6265879	63470	(87450)	15.4	247.02877	240.59146	187.08160	14.60968	0.0638486	2.6996342	63489
(87399)	15.7	283.20872	215.52340	185.32556	3.31078	0.1560970	2.6154349	63470	(87451)	15.2	344.13632	51.59328	288.37504	3.52657	0.1734498	2.5822573	63490
(87400)	14.9	265.51983	168.92909	172.49283	4.36588	0.1365151	3.0059466	63471	(87452)	14.9	285.46255	96.10723	289.14826	5.19044	0.0425651	2.7129797	63490
(87401)	15.9	5.83838	358.18894	289.97724	1.04210	0.2013035	2.6081947	63471	(87453)	14.8	316.38315	25.17865	337.25187	15.58540	0.1778018	2.6584528	63491
(87402)	14.4	292.49878	66.85406	339.85580	13.40488	0.1958920	2.5659833	63471	(87454)	15.0	302.45846	89.73809	248.81022	3.73705	0.1797031	2.8380262	63491
(87403)	15.3	2.93243	91.20540	196.22297	3.33182	0.1743333	2.6466877	63472	(87455)	14.1	260.49845	125.44405	283.77690	5.48716	0.1167222	2.7903661	63491
(87404)	15.2	329.50090	121.85882	229.35350	1.69968	0.2249834	2.5853250	63472	(87456)	15.5	346.54675	34.36182	319.93145	6.85650	0.2959833	2.5331753	63492
(87405)	15.2	325.49353	88.44270	279.46491	1.47847	0.1630532	2.5484537	63473	(87457)	16.2	326.91451	78.88935	288.72646	1.45194	0.2871581	2.6157002	63492
(87406)	15.6	261.53277	206.57089	196.37278	1.49249	0.0615250	2.7429258	63473	(87458)	14.4	301.68337	258.70339	118.46091	13.04107	0.2260114	2.7031378	63493
(87407)	14.8	317.09107	196.02299	168.77209	15.15547	0.1131816	2.6246078	63473	(87459)	16.0	354.56807	116.58322	200.32197	9.95868	0.1138818	2.5891689	63493
(87408)	15.0	310.52832	211.22009	172.89728	3.16426	0.0852427	2.5744919	63474	(87460)	15.5	301.64912	138.57415	243.34469	3.80923	0.1554392	2.5849333	63494
(87409)	15.5	220.87779	168.84237	193.26798	4.80272	0.1322730	3.2098738	63474	(87461)	16.4	310.70422	10.51512	348.50804	13.53557	0.1516555	2.7012298	63494
(87410)	15.2	43.19803	322.25052	299.54589	6.66461	0.1213655	2.5583294	63474	(87462)	14.6	315.51372	190.56470	180.07088	13.53014	0.2000352	2.6872525	63494
(87411)	14.1	242.32725	132.64115	316.79356	12.33901	0.1439118	2.5785261	63475	(87463)	15.8	343.99907	46.67183	282.82451	2.89163	0.1187170	2.6339724	63495
(87412)	14.3	160.17337	212.19786	311.56025	12.70462	0.1047278	2.5358947	63476	(87464)	15.0	313.88804	240.89157	151.43844	4.00920	0.2094279	2.5634916	63495
(87413)	15.6	310.60667	57.32817	321.62946	8.22360	0.0544697	2.5430317	63476	(87465)	15.9	329.95908	14.24793	310.08487	4.48718	0.3028929	2.5762185	63496
(87414)	15.2	7.39056	1.96785	310.81284	7.39807	0.1415174	2.5360167	63476	(87466)	14.5	274.21728	232.85432	131.58088	17.76450	0.2350675	2.7394915	63496
(87415)	16.0	26.01282	9.54514	283.53422	4.25906	0.1242018	2.5499966	63477	(87467)	15.5	344.37057	219.56969	154.01926	6.48772	0.1316464	2.3747024	63496
(87416)	16.0	326.11123	157.67744	203.62693	3.36358	0.2156184	2.5856449	63477	(87468)	15.4	32.18167	310.70882	332.30456	5.77515	0.1473760	2.4581637	63497
(87417)	15.6	309.30425	23.41253	336.76815	13.80166	0.1117040	2.5980477	63477	(87469)	15.8	356.24222	181.83132	147.57791	5.92463	0.2520831	2.5796112	63497
(87418)	15.9	25.11565	293.17397	339.27138	4.34966	0.0929455	2.6408628	63478	(87470)	14.4	232.31708	109.44826	333.68756	21.70078	0.0864514	2.5539223	63497
(87419)	14.5	232.44496	168.64088	199.69028	6.16137	0.1702834	3.1899302	63478	(87471)	15.9	357.11741	306.86268	355.69643	3.61517	0.1722246	2.5704762	63498
(87420)	15.0	287.01866	39.04481	352.67471	13.96308	0.0855787	2.6626906	63478	(87472)	15.6	288.31200	291.62157	114.48986	6.69568	0.2753984	2.5750809	63498
(87421)	15.4	334.25376	240.60206	116.95106	3.27738	0.2433105	2.5628391	63479	(87473)	15.8	331.29671	53.65846	272.79137	7.83531	0.0932765	2.6229550	63498
(87422)	16.3	348.90948	214.65501	111.38244	4.48437	0.2009145	2.5990687	63479	(87474)	15.2	295.30382	212.08210	171.38226	4.52721	0.1147373	2.6922135	63499
(87423)	16.1	312.09704	262.99545	102.46922	4.89014	0.2405762	2.6627693	63479	(87475)	15.3	49.04294	274.36597	20.21919	4.99320	0.1968654	2.4318457	63499
(87424)	14.9	292.23142	337.82079	61.34339	5.07110	0.1223047	2.6195734	63480	(87476)	15.7	310.05668	204.35948	162.72296	4.25536	0.1217837	2.6822733	63500
(87425)	15.7	9.99593	148.17657	150.77365	8.07114	0.1909406	2.6034718	63480	(87477)	15.6	7.08386	144.08961	171.92712	8.69638	0.2707593	2.5353623	63500
(87426)	15.1	302.36972	294.00901	95.12232	5.54340	0.1146797	2.6144952	63480	(87478)	14.3	257.69392	204.53634	160.22526	11.58707	0.0910794	3.0506843	63500
(87427)	15.4	316.61110	240.54642	141.75521	10.53385	0.2230529	2.5913093	63481	(87479)	14.4	268.71990	204.66723	136.07201	2.60076	0.1302548	3.0836687	63501
(87428)	14.5	253.59965	316.31241	107.63217	8.22653	0.1339413	2.7500470	63481	(87480)	16.6	357.32999	298.47949	19.50992	4.22316	0.2541003	2.5586617	63501
(87429)	15.7	250.88825	4.73027	5.89822	0.95958	0.0769533	2.9862609	63482	(87481)	15.1	263.88806	39.39051	25.05767	3.62816	0.1419920	2.6558218	63501
(87430)	15.2	314.77029	245.00267	111.38195	5.44917	0.1289210	2.6834016	63482	(87482)	15.6	276.55489	262.49171	151.28895	9.64965	0.2445709	2.7127968	63502
(87431)	14.2	302.68654	196.65287	129.88824	11.34392	0.0869716	2.9695465	63482	(87483)	14.0	279.90703	41.33764	5.69729	9.12148	0.1622782	2.7697173	63502
(87432)	14.7	297.31869	262.61552	158.29013	16.90047	0.1416155	2.5461800	63483	(87484)	15.2	352.93043	129.95562	193.02728	10.20686	0.1480846	2.6126715	63503
(87433)	15.3	345.71957	243.15233	81.89281	5.99860	0.2534432	2.6348572	63483	(87485)	14.4	268.15095	79.07597	344.09331	13.19719	0.1445826	2.7566878	63503
(87434)	13.7	264.56086	239.19865	95.90481	8.38795	0.1302016	3.2110337	63484	(87486)	15.6	47.87909	285.09954	318.12012	12.13069	0.1372795	2.5830768	63504
(87435)	15.7	324.79243	343.32399	3.89175	5.12819	0.1146514	2.5642907	63484	(87487)	15.0	347.81251	91.62044	193.75758	10.93515	0.1808068	2.6181525	63504
(87436)	15.6	309.49029	200.53716	105.39659	3.10295	0.0457741	2.9033695	63485	(87488)	14.5	108.18397	241.59526	292.52518	13.79306	0.1279699	2.6776889	63505
(87437)	15.3	285.14224	162.96412	190.01655	6.43532	0.1377442	2.8125591	63485	(87489)	14.8	271.99187	122.11383	232.98264	8.02259	0.1722994	2.8074555	63505

(87490)	15.7	336.50711	119.47305	170.71865	14.40084	0.1397544	2.6984753	63505	(87542)	15.4	267.42146	311.44902	23.07337	4.34586	0.1616434	3.0699152	63523
(87491)	14.9	208.82670	168.65729	292.62294	10.47753	0.1295163	2.6706981	63506	(87543)	15.5	310.48800	273.92605	98.57307	3.60013	0.1542043	2.6233501	63523
(87492)	14.5	14.46266	346.91886	239.44178	7.08742	0.1609512	2.7973219	63506	(87544)	14.1	293.44280	81.35054	254.75628	20.14823	0.2775410	3.2101592	63524
(87493)	15.0	35.35276	325.10281	293.32401	8.70480	0.0689619	2.6472715	63507	(87545)	13.8	265.90538	172.01261	257.40306	9.03182	0.1006753	2.9822854	63524
(87494)	14.9	246.32988	155.73909	199.34049	10.22046	0.1133453	2.9780982	63507	(87546)	14.6	295.77599	333.67485	49.54778	11.24397	0.1157308	3.0220659	63524
(87495)	15.0	20.43699	55.35084	183.86423	12.87301	0.1313881	2.7424110	63507	(87547)	16.7	8.26812	129.55869	159.64135	4.25948	0.1204927	2.5654734	63525
(87496)	14.7	273.00819	138.30610	261.64441	7.17852	0.0321625	2.5587681	63508	(87548)	15.2	324.38188	341.84045	25.02301	8.66894	0.2432048	2.5405461	63525
(87497)	15.1	48.29439	299.35405	307.53199	10.64759	0.0704397	2.6652958	63508	(87549)	15.2	311.12061	249.28426	119.34286	15.85258	0.1825739	2.5942498	63525
(87498)	15.0	8.62327	329.83063	328.71239	15.09237	0.1302177	2.5922070	63508	(87550)	14.5	288.98376	277.15849	55.47672	11.38571	0.1155385	2.9802424	63526
(87499)	15.0	339.52963	16.78339	331.09636	14.40549	0.0953967	2.5439011	63508	(87551)	14.9	195.91428	217.75515	289.32433	8.37166	0.1390134	2.3947310	63526
(87500)	15.5	17.62791	335.55989	305.34040	6.39974	0.1799096	2.5993913	63509	(87552)	16.2	325.76538	142.70620	207.95547	1.23602	0.1222248	2.6479978	63527
(87501)	14.9	235.38520	202.51428	248.17718	2.32540	0.0829348	2.6077835	63509	(87553)	14.7	299.42250	232.78106	159.94593	15.10171	0.1266562	2.6595826	63527
(87502)	14.8	232.64868	103.44016	265.84579	7.63911	0.0701821	3.0215287	63510	(87554)	15.5	290.36356	121.54747	252.26968	3.97392	0.1017985	2.6140207	63527
(87503)	15.5	79.51381	271.73249	308.62486	9.46401	0.1232617	2.5541316	63510	(87555)	8.2	21.55287	284.08925	330.14776	6.80438	0.5622159	34.7398230	63528
(87504)	15.7	271.80776	167.07212	226.30440	4.44760	0.1172952	2.6667517	63510	(87556)	15.8	13.15847	112.08941	182.95465	16.23395	0.2399745	2.6008052	63528
(87505)	16.0	41.06719	299.04751	319.70875	11.52107	0.1330083	2.5547799	63511	(87557)	14.7	294.98151	75.69570	3.42552	5.80079	0.1273706	2.4649214	63528
(87506)	15.1	229.27987	164.30924	224.84463	3.21410	0.1349905	2.9612698	63511	(87558)	14.0	53.99300	278.76490	2.60948	14.73913	0.0568365	2.5836962	63529
(87507)	15.2	308.40679	253.97880	182.17182	5.65626	0.1734881	2.3552958	63511	(87559)	15.2	322.05162	228.47099	164.61899	9.18055	0.2158253	2.5697040	63529
(87508)	15.3	249.23934	140.62339	264.19069	4.04103	0.0422326	2.7243233	63512	(87560)	15.4	322.99985	241.01229	156.65649	3.57274	0.1912023	2.5493779	63530
(87509)	14.8	355.55560	329.83236	40.25772	14.17130	0.1596439	2.6499517	63512	(87561)	14.8	326.42055	327.69603	57.62699	6.78000	0.3029213	2.6020934	63530
(87510)	15.2	224.27543	182.14815	205.68321	0.31280	0.1810289	2.9878451	63512	(87562)	15.4	318.43618	166.10073	188.02475	2.02607	0.2112419	2.7474073	63530
(87511)	16.0	339.56467	264.40751	128.23048	5.12970	0.1924396	2.3536390	63513	(87563)	14.8	295.71464	221.21184	24.55003	2.73691	0.2558858	2.6855206	63531
(87512)	15.8	20.20569	140.21415	127.03291	4.36713	0.2202245	2.5778615	63513	(87564)	15.1	317.64637	322.73716	56.26146	12.18372	0.2967518	2.7521871	63531
(87513)	15.1	288.38731	321.62803	85.38777	6.21689	0.2113811	2.5733068	63513	(87565)	15.4	299.75290	327.63272	77.02818	6.77728	0.3690732	2.7731995	63532
(87514)	14.9	289.87192	30.93749	0.34643	11.97853	0.1973431	2.6308772	63514	(87566)	15.4	350.68709	286.98733	75.97213	5.31850	0.3453077	2.6059821	63532
(87515)	16.3	354.23309	204.12838	119.73955	7.65171	0.2373698	2.5330120	63514	(87567)	15.5	351.36017	247.81200	136.47397	3.37605	0.2599839	2.5758445	63532
(87516)	15.0	10.70243	129.21333	137.92519	18.32348	0.2843248	2.6283804	63514	(87568)	14.6	338.86142	172.27197	216.79398	3.84001	0.2354072	2.6161934	63533
(87517)	15.9	19.58915	215.36326	106.93928	7.19643	0.1224106	2.4380140	63514	(87569)	15.1	11.87448	332.22772	312.87440	13.34461	0.0723828	2.6631125	63533
(87518)	14.7	233.05367	259.07794	125.21829	10.33353	0.0707854	2.9769689	63515	(87570)	15.7	309.43926	175.51984	193.18372	14.27938	0.1726782	2.6091268	63533
(87519)	15.6	23.18206	197.78277	119.77207	8.52433	0.1244039	2.4407079	63515	(87571)	15.5	348.07027	77.30156	213.99219	9.56084	0.1658509	2.7084620	63533
(87520)	14.7	276.10508	20.37383	66.80024	7.65127	0.1109590	2.4220152	63516	(87572)	14.7	156.44822	221.95138	302.30329	12.54421	0.1046746	2.5750922	63534
(87521)	14.4	271.17483	41.96121	46.50395	8.86525	0.0917673	2.4284376	63516	(87573)	14.6	282.83617	115.88345	214.29149	10.21698	0.1091734	2.9614041	63534
(87522)	14.0	337.01015	179.99110	144.12118	15.09266	0.0974338	2.6393721	63517	(87574)	15.0	327.44495	36.01954	262.84204	6.94601	0.2020759	2.7902409	63534
(87523)	16.3	43.64825	183.57096	98.01263	1.84975	0.1978584	2.4270171	63517	(87575)	14.6	324.00765	13.08081	268.57142	9.24582	0.0458183	3.0123264	63535
(87524)	15.4	45.89080	104.97465	154.03920	13.39444	0.1306453	2.5533240	63517	(87576)	14.5	63.51385	280.69701	257.02293	8.58248	0.0278505	3.0882746	63535
(87525)	15.4	354.02898	192.32064	116.24452	2.99049	0.0655972	2.6175717	63518	(87577)	14.6	203.78432	304.27670	286.22514	8.12307	0.1306847	2.5649288	63536
(87526)	15.5	290.27936	260.28748	51.68157	2.46534	0.1306258	2.9756512	63518	(87578)	14.2	264.22890	38.74438	299.62060	10.04550	0.1311129	3.0716197	63536
(87527)	15.2	11.16026	249.66127	20.67143	5.53680	0.3025684	2.6008663	63518	(87579)	14.9	41.10856	305.99341	300.08030	10.60247	0.1513373	2.6804037	63536
(87528)	15.2	346.80648	337.24247	352.13525	11.91169	0.1879979	2.5572460	63518	(87580)	14.4	211.25948	154.66643	317.11083	13.79571	0.0378779	2.6028242	63537
(87529)	15.6	329.00004	317.10799	26.12763	3.89193	0.1489389	2.5980090	63519	(87581)	14.8	350.93078	352.23478	314.58241	11.19305	0.2325132	2.6342177	63537
(87530)	15.3	297.70013	257.78139	115.67320	4.05941	0.1201749	2.6423605	63519	(87582)	15.9	321.99551	150.47226	218.52071	8.17381	0.2016274	2.5840926	63538
(87531)	15.4	9.77193	318.80807	342.11953	14.65987	0.1372919	2.5592416	63520	(87583)	14.9	292.77462	107.44662	206.34845	8.74331	0.1122645	3.0355657	63538
(87532)	14.3	199.18620	274.53833	141.73946	6.05900	0.1755785	3.1063579	63520	(87584)	15.0	318.59640	181.44223	194.17481	13.46448	0.1751947	2.5823364	63538
(87533)	16.5	335.49770	329.80193	30.82058	2.89136	0.2685441	2.5333774	63520	(87585)	15.2	333.03402	64.26136	256.67215	5.03653	0.2948003	2.6784845	63538
(87534)	15.2	63.28280	233.81983	1.49248	12.41286	0.1189199	2.6280582	63520	(87586)	15.7	326.74272	161.30473	208.82400	8.29908	0.1773708	2.5698940	63539
(87535)	14.9	290.41910	225.40914	108.48244	4.58608	0.1748641	2.8874165	63521	(87587)	14.8	289.29450	196.54187	196.88169	14.07430	0.1029433	2.6631796	63539
(87536)	15.5	273.13236	331.93029	76.54917	3.74305	0.1744630	2.6665447	63521	(87588)	15.5	310.04661	157.24084	233.88068	2.83397	0.2661426	2.6062206	63540
(87537)	15.9	334.02587	175.45222	172.48898	4.67539	0.2388363	2.5970727	63521	(87589)	15.1	24.38509	63.35307	224.73539	5.11578	0.2231313	2.5711961	63540
(87538)	14.2	152.92170	267.50406	181.31820	20.75750	0.0412862	3.2223040	63522	(87590)	14.9	211.65829	143.76403	250.11052	7.09613	0.1070483	3.1520130	63540
(87539)	15.4	337.99032	174.45395	161.06747	4.18512	0.2305633	2.6231244	63522	(87591)	14.6	295.33743	83.15145	318.17515	13.09777	0.0981339	2.5905583	63541
(87540)	15.7	347.14871	180.03285	150.43342	1.34785	0.1077323	2.6212437	63522	(87592)	14.6	311.95719	52.70222	245.45330	9.26214	0.0868167	3.0191572	63541
(87541)	16.0	31.04362	105.57185	164.00351	4.46713	0.2627772	2.5917301	63523	(87593)	15.6	353.71246	52.85624	287.08173	2.56897	0.2550237	2.5408362	63541

(87594)	15.2	321.15228	47.70520	250.53450	7.69444	0.1699310	2.9176920	63542	(87646)	13.8	263.70868	77.73742	268.47562	9.23189	0.1058374	3.0869881	63563
(87595)	13.4	168.76385	211.91064	326.19993	13.60066	0.1190720	2.5381572	63542	(87647)	14.8	294.14159	86.68317	303.35299	22.06376	0.0439051	2.5488359	63564
(87596)	14.4	301.28544	87.29374	225.02449	9.67141	0.0775330	3.0676405	63543	(87648)	14.9	340.01998	61.72900	235.47663	8.54460	0.2039079	2.7316254	63564
(87597)	14.6	287.68779	82.89628	301.33657	4.53430	0.0821173	2.7471121	63543	(87649)	14.0	327.41357	61.93029	298.07290	10.85447	0.0974544	2.5692702	63565
(87598)	15.2	316.57372	111.34866	240.54107	3.81542	0.1738669	2.7180643	63544	(87650)	14.1	181.41332	191.21662	240.79702	11.11808	0.0645243	3.0791288	63565
(87599)	13.8	4.58371	294.19110	352.68942	17.59182	0.2071828	2.7371529	63544	(87651)	13.6	198.07977	214.94946	289.34643	12.04108	0.1036744	2.5468142	63566
(87600)	14.6	177.87119	215.35330	273.24487	7.30252	0.0383917	2.7507683	63545	(87652)	14.8	209.82989	287.43075	174.26072	3.24225	0.0222102	2.7595883	63566
(87601)	14.2	351.79040	10.19923	344.35196	11.99753	0.2468164	2.6348991	63545	(87653)	15.1	269.13070	179.34335	248.08978	3.77577	0.1194713	2.6381714	63567
(87602)	14.7	335.81486	74.38254	320.47513	10.79080	0.3219336	2.5753161	63545	(87654)	14.8	261.34333	116.18426	212.37942	8.95707	0.0923345	3.0449252	63567
(87603)	14.4	280.09195	160.15011	255.12725	8.12561	0.1462648	2.6433461	63546	(87655)	14.8	232.67871	128.14659	311.30627	14.01324	0.0441938	2.6700807	63568
(87604)	15.7	347.65766	25.63082	291.87150	8.19032	0.1464036	2.6823706	63546	(87656)	14.4	323.02158	44.54071	243.34948	8.64185	0.0299171	3.1198404	63568
(87605)	14.3	310.77105	34.09186	268.78177	8.86600	0.0948432	3.0862910	63546	(87657)	15.6	338.01858	157.13633	169.78008	5.10799	0.1643725	2.7259307	63568
(87606)	15.3	303.19602	60.55395	340.83585	12.13005	0.2346257	2.6496180	63547	(87658)	14.3	184.77671	184.80622	287.15579	10.24466	0.1193721	3.0855912	63569
(87607)	14.4	347.85310	61.04241	299.11239	6.62625	0.1827925	2.5517167	63547	(87659)	15.4	235.21210	160.58804	222.79749	5.39462	0.2043404	3.1586886	63569
(87608)	14.8	5.82490	21.46697	301.53889	7.85579	0.2100786	2.5892896	63548	(87660)	15.4	18.99682	108.61980	170.42198	4.82649	0.2712054	2.6457229	63569
(87609)	15.3	92.32905	352.54287	318.64969	6.67357	0.1305537	2.2801936	63548	(87661)	15.5	316.77239	306.63812	54.39851	6.97995	0.0629098	2.7010372	63570
(87610)	13.9	24.90835	350.71122	334.11472	12.80830	0.1528773	2.5221001	63549	(87662)	14.6	35.33176	341.27612	311.32682	13.84909	0.1710984	2.5142830	63570
(87611)	14.4	337.65654	9.38173	330.41137	14.64042	0.1026824	2.6748770	63549	(87663)	14.3	324.35115	137.82927	219.34274	14.83551	0.2159391	2.5891445	63571
(87612)	14.9	319.45324	131.82989	280.25063	4.50168	0.2658622	2.5439991	63550	(87664)	14.5	72.13174	285.19777	299.99831	27.14460	0.1563859	2.6344061	63571
(87613)	14.9	20.93244	299.90919	11.75491	28.91243	0.1549983	2.6074216	63550	(87665)	14.2	14.39932	42.21989	257.69731	13.22773	0.1974819	2.5855985	63571
(87614)	14.5	319.41898	33.80010	359.60561	15.13820	0.1039681	2.6065979	63550	(87666)	15.6	12.16148	17.76082	285.42423	12.56750	0.2122206	2.5597278	63572
(87615)	14.6	304.73343	55.24874	354.05410	13.44889	0.1010304	2.5943903	63551	(87667)	14.7	235.44723	198.38652	251.33228	13.80115	0.0733286	2.6499431	63572
(87616)	14.9	5.97063	339.98945	352.83229	15.85789	0.1977644	2.5736059	63551	(87668)	14.2	320.03205	98.72644	260.72982	11.73694	0.1828519	2.6387380	63572
(87617)	13.9	342.07451	31.96128	303.34664	8.64432	0.1405671	2.7472389	63552	(87669)	15.1	314.73148	129.03793	238.81503	11.43910	0.1795432	2.6288255	63573
(87618)	14.0	335.32630	21.81651	356.79829	15.81392	0.1611555	2.6016625	63552	(87670)	15.5	35.31825	30.39054	241.93641	10.92758	0.1615627	2.5965159	63573
(87619)	13.9	291.78329	95.68000	340.95906	12.34974	0.2544172	2.6592614	63553	(87671)	14.3	292.00246	151.60174	259.83922	13.20355	0.1638002	2.5710953	63573
(87620)	14.3	313.52945	112.66269	268.46775	8.28067	0.1723513	2.7257680	63553	(87672)	14.0	287.54916	23.90146	300.88053	16.06412	0.1885451	3.0606503	63574
(87621)	15.1	1.61906	323.26326	345.45351	15.27915	0.1870481	2.7193178	63554	(87673)	15.6	358.25272	15.18475	303.71656	13.63196	0.1063122	2.6570338	63574
(87622)	14.6	242.77491	135.12789	248.40084	15.43125	0.2555967	2.9973157	63554	(87674)	14.4	322.39160	102.61679	250.68135	13.51095	0.1202744	2.6820538	63574
(87623)	14.6	97.24294	205.20977	351.02669	17.34505	0.1172780	2.7449679	63554	(87675)	14.6	329.31635	46.70940	300.64986	13.78808	0.1384084	2.6719841	63575
(87624)	15.2	0.38300	318.15083	24.35203	9.68023	0.2219646	2.5876644	63555	(87676)	14.5	331.02701	44.68747	289.35801	10.75983	0.1871119	2.7076036	63575
(87625)	14.3	321.32327	38.81254	7.03223	15.36273	0.1302787	2.6075912	63555	(87677)	15.0	346.34141	34.49124	291.23853	8.98982	0.2222795	2.6429789	63576
(87626)	14.4	285.45781	159.31630	263.12562	12.52061	0.1468581	2.7521449	63555	(87678)	14.5	26.36776	63.88772	226.32817	13.05698	0.1846395	2.6082414	63576
(87627)	14.1	246.03110	148.27854	205.66243	14.90240	0.2350183	3.1627901	63556	(87679)	14.2	308.50413	108.17036	303.04251	11.40733	0.1931984	2.5762699	63576
(87628)	14.4	318.09445	46.85758	346.33172	14.23847	0.1137992	2.6347771	63556	(87680)	14.4	2.16057	13.75526	322.20785	11.98883	0.1850628	2.5895399	63577
(87629)	15.1	339.08315	326.11376	2.89867	21.42169	0.2209930	2.7851608	63557	(87681)	15.4	4.90848	15.58084	283.22794	13.34754	0.2430614	2.6624469	63577
(87630)	14.3	322.07029	119.49145	270.46332	11.89483	0.2032692	2.6423836	63557	(87682)	15.2	31.27777	122.13137	151.86684	34.91289	0.1694026	2.5456393	63578
(87631)	14.5	228.07710	18.56978	62.09281	3.86476	0.1305066	3.1410994	63557	(87683)	15.3	293.47163	313.87187	107.91715	6.62151	0.2383285	2.5510227	63578
(87632)	15.6	344.65663	102.90225	167.33088	12.32605	0.0973526	2.7814692	63558	(87684)	16.4	16.54231	47.68969	162.13065	19.23644	0.6426660	0.8587197	63578
(87633)	14.5	49.77459	348.39073	261.84893	9.69638	0.1261582	2.5898693	63558	(87685)	14.1	202.68406	319.67756	78.93543	12.01354	0.0681318	3.1586087	63579
(87634)	15.4	17.04271	19.19496	231.61760	10.62383	0.3152014	2.6603086	63559	(87686)	15.5	36.65077	331.59395	298.94363	13.85570	0.1683834	2.5991244	63579
(87635)	16.0	295.62945	190.84102	195.10452	9.20036	0.1666865	2.7295795	63559	(87687)	15.2	355.04446	351.99806	10.03262	7.36599	0.1366123	2.3687430	63579
(87636)	14.2	237.93963	94.06966	6.62114	12.93091	0.1702610	2.7289998	63559	(87688)	16.0	352.26398	270.93903	77.65292	4.22588	0.3037227	2.4682747	63580
(87637)	15.2	348.06174	158.86224	187.01909	3.73211	0.2834134	2.5933179	63560	(87689)	15.1	309.72868	61.28309	323.22258	3.52891	0.1659278	2.5509663	63580
(87638)	14.9	306.87440	352.71904	25.28533	17.73089	0.1629541	2.7443555	63560	(87690)	14.5	256.38014	151.68062	315.06477	6.57457	0.2260731	2.4438058	63581
(87639)	14.4	14.66734	321.91497	333.32962	14.05174	0.2452815	2.4513972	63561	(87691)	15.3	309.11037	5.09468	359.27289	9.40083	0.0979824	2.6027005	63581
(87640)	15.9	359.06905	181.10275	151.67753	5.67254	0.1646462	2.5633529	63561	(87692)	15.0	288.65107	162.94454	156.53725	11.39903	0.0783151	3.0673510	63581
(87641)	15.7	324.91757	215.82825	180.70007	16.60659	0.0508326	2.4691745	63561	(87693)	16.4	321.75426	278.41655	70.97736	6.06085	0.1118774	2.6849601	63582
(87642)	14.7	299.68724	96.59135	346.02137	0.90984	0.1563143	2.4390879	63562	(87694)	14.0	278.98745	142.86954	254.22798	11.43262	0.1417262	2.6445751	63582
(87643)	14.2	319.23633	64.80963	303.14034	8.01408	0.1744581	2.7967577	63562	(87695)	14.2	319.82890	332.64169	290.43954	14.29213	0.1032899	3.1145648	63582
(87644)	15.7	344.35303	293.49011	38.94442	12.16671	0.2136532	2.6536564	63563	(87696)	15.0	242.02120	183.94839	256.41985	10.99638	0.1620013	2.6665331	63583
(87645)	15.5	340.88348	248.61147	118.68446	5.17383	0.1931973	2.5543405	63563	(87697)	13.8	238.07926	141.86641	307.37835	12.13658	0.1910089	2.7125086	63583

(87698)	15.3	311.67795	150.63603	218.02504	12.95305	0.1082464	2.6457223	63584	(87750)	15.4	352.11462	276.42607	33.52376	12.25865	0.1732793	2.7268347	63602
(87699)	15.1	6.26184	77.71598	213.37542	5.63354	0.0167575	2.7734985	63584	(87751)	16.2	339.45357	223.33111	130.53412	5.11232	0.1432109	2.6166290	63603
(87700)	14.9	268.60656	78.96479	338.83372	14.51577	0.0641553	2.6602844	63584	(87752)	15.2	332.11696	320.82757	28.99891	13.57049	0.3180067	2.6297587	63603
(87701)	14.7	297.88954	80.96567	214.01032	11.97481	0.0610287	3.1668978	63585	(87753)	15.5	317.06740	219.96134	146.90161	7.25718	0.1112202	2.6979801	63603
(87702)	14.8	340.08470	211.04572	126.79165	14.28319	0.1976340	2.6415915	63585	(87754)	14.4	130.74589	153.91206	65.48269	6.05488	0.0478197	2.5660591	63604
(87703)	14.9	259.52858	209.83846	156.95929	1.75398	0.1844006	3.0967944	63585	(87755)	14.9	202.26117	248.33664	172.12854	11.93598	0.1066349	3.1816949	63604
(87704)	13.7	164.74854	319.46646	92.09732	2.16310	0.2785111	3.9509630	63586	(87756)	15.2	61.86198	53.24616	180.76527	5.65993	0.1033093	2.7926305	63604
(87705)	14.9	288.28171	273.08997	136.42357	8.62250	0.1705151	2.7131969	63587	(87757)	15.3	314.67965	259.96778	104.18535	2.43149	0.1717698	2.6957268	63605
(87706)	14.7	319.44137	102.45776	212.07371	12.26781	0.1218900	2.7117531	63587	(87758)	15.1	321.21809	313.82045	35.93225	14.41817	0.2128023	2.7287884	63605
(87707)	14.6	347.99355	56.28478	212.62233	11.94603	0.1578642	2.7498061	63587	(87759)	14.6	259.84117	241.22250	124.64826	6.51766	0.1766258	3.1390797	63605
(87708)	15.0	304.30769	52.17564	244.39576	7.19632	0.0163997	3.1641080	63588	(87760)	15.1	301.29033	264.41716	110.99319	6.49445	0.1516770	2.7878546	63606
(87709)	14.6	29.22530	40.19068	239.24553	11.85556	0.2194875	2.6058811	63588	(87761)	14.3	294.12252	137.94915	260.40552	13.34479	0.1595144	2.6328385	63606
(87710)	14.1	330.02031	51.11793	228.87396	15.86669	0.1782142	3.1005442	63588	(87762)	13.9	180.06876	95.91636	32.16514	10.11424	0.0985972	2.9693912	63607
(87711)	15.6	256.14683	280.78998	151.11168	5.51085	0.1083549	2.6787420	63589	(87763)	14.5	207.58456	186.64089	283.08780	13.78214	0.0622874	2.6147657	63607
(87712)	15.7	19.69410	188.28945	101.31917	4.33462	0.1002390	2.6482576	63589	(87764)	13.5	246.64879	111.07942	240.82403	20.99587	0.0426489	3.2479697	63608
(87713)	16.2	307.80266	348.57863	16.97547	1.63305	0.0655001	2.6703114	63589	(87765)	14.0	273.04585	99.42635	236.14331	21.00057	0.1599105	3.1105992	63608
(87714)	15.3	31.27205	223.08336	42.69109	5.05256	0.0188603	2.7903197	63590	(87766)	15.1	35.10882	345.74049	261.30443	11.33457	0.1288002	2.6879538	63608
(87715)	14.7	79.95846	222.90152	18.80209	22.10898	0.0063007	2.6467020	63590	(87767)	14.9	311.33958	19.37063	262.09485	10.75600	0.0794728	3.0676250	63609
(87716)	15.7	346.12863	293.55974	32.84385	11.86203	0.1197366	2.6583875	63590	(87768)	14.6	227.50929	131.16539	229.30240	14.20382	0.0624258	3.2082083	63609
(87717)	15.6	266.22591	11.37845	35.44506	3.46536	0.0891744	2.7360584	63590	(87769)	14.9	6.06577	39.11669	207.56479	15.05311	0.1488307	2.9391340	63609
(87718)	15.5	28.89510	11.80716	274.02600	3.80229	0.2134753	2.6026553	63591	(87770)	13.9	271.79525	92.62048	251.27691	10.46840	0.1144184	3.0593985	63609
(87719)	14.3	274.37289	135.91350	257.40176	12.98391	0.1168537	2.6292102	63591	(87771)	15.7	334.35293	97.23061	230.05906	4.84346	0.1280308	2.7114864	63610
(87720)	14.8	345.58867	101.56417	228.43227	12.30944	0.1774057	2.5383892	63591	(87772)	15.6	356.98497	95.97787	233.30219	5.55845	0.1546366	2.5768255	63610
(87721)	14.6	247.61330	145.57988	307.38915	24.18531	0.2157851	2.5568566	63592	(87773)	15.6	344.73190	357.94271	332.20946	4.09191	0.1407265	2.6485039	63610
(87722)	13.7	333.54884	81.17687	295.18614	13.34021	0.2025504	2.5630778	63592	(87774)	15.9	348.68710	67.29466	255.58297	4.00437	0.0403479	2.7178461	63611
(87723)	14.2	272.30663	132.32568	301.50425	15.09435	0.1433671	2.6851745	63593	(87775)	14.7	342.40638	91.41601	244.40606	13.25477	0.2014372	2.6937229	63611
(87724)	13.9	10.74324	35.63773	288.26237	12.83640	0.2167579	2.5718765	63593	(87776)	15.4	323.00684	144.85305	191.39170	4.01791	0.0769014	2.7926451	63612
(87725)	14.5	265.07139	169.88144	254.16330	12.72942	0.1667615	2.5498879	63593	(87777)	16.2	334.74216	76.22809	260.32080	1.12202	0.1042877	2.7226807	63612
(87726)	15.9	28.48744	64.74015	194.87064	15.17681	0.1244911	2.6273626	63594	(87778)	15.3	10.83773	295.24048	359.44930	4.09035	0.0340880	2.7814719	63612
(87727)	14.4	229.31563	144.12881	246.00030	10.94387	0.0652757	2.9296735	63594	(87779)	14.9	292.86862	5.73551	34.22628	2.27062	0.0912341	2.6641112	63613
(87728)	15.9	211.77325	166.14514	298.79418	11.77829	0.1247258	2.6623327	63594	(87780)	15.0	265.43262	320.75998	32.46661	6.85407	0.1864876	3.0980335	63613
(87729)	15.6	333.39661	54.50509	287.68757	11.30231	0.0570485	2.5989056	63595	(87781)	15.9	334.22785	307.55247	18.28992	2.09955	0.1289288	2.7794382	63614
(87730)	14.9	316.06788	97.72327	201.61588	7.16708	0.0376139	3.0101634	63595	(87782)	14.5	36.79751	236.55782	29.49855	10.37441	0.1716789	2.7262276	63614
(87731)	14.4	184.87010	22.12025	35.45688	9.28918	0.0567607	3.2027625	63595	(87783)	15.7	336.98798	326.69972	48.65185	2.65642	0.2036761	2.5452729	63614
(87732)	15.3	264.72121	204.28122	200.42821	4.22032	0.0836554	2.7383255	63596	(87784)	15.6	358.29225	288.99463	20.66954	5.07364	0.1536902	2.7188139	63615
(87733)	15.5	290.67615	179.83125	193.03689	5.75461	0.0314815	2.7416416	63596	(87785)	15.8	340.57524	321.91703	34.92385	4.17099	0.2844665	2.5758492	63615
(87734)	16.5	316.96592	56.71149	304.33964	1.09807	0.1615646	2.6611690	63596	(87786)	16.0	19.59724	241.40118	65.67971	4.60294	0.2148609	2.5820239	63616
(87735)	15.5	111.54233	244.85774	304.55137	0.97657	0.0122848	2.7680123	63597	(87787)	14.9	282.83234	304.12545	126.58526	4.00530	0.1450173	2.6276037	63616
(87736)	15.5	320.01617	7.96890	351.74892	2.61831	0.1145266	2.6543107	63597	(87788)	15.7	310.42364	184.04652	182.33004	3.49256	0.2081061	2.7365401	63616
(87737)	16.5	317.95709	269.61132	91.44190	0.49145	0.1368483	2.6563767	63597	(87789)	14.2	209.45396	202.52018	189.47071	11.69920	0.0589576	3.4266122	63617
(87738)	15.5	343.84174	254.48203	80.49644	3.26851	0.0859271	2.6617810	63598	(87790)	13.6	121.08565	174.51354	45.31370	9.63956	0.1447228	2.6276559	63617
(87739)	15.6	352.03141	140.14776	189.46999	8.78034	0.0694721	2.6304147	63598	(87791)	14.7	294.36007	244.27722	145.48863	5.59489	0.1793937	2.7555133	63617
(87740)	15.0	307.20885	314.88516	43.29511	5.23116	0.0787488	2.7658991	63598	(87792)	16.0	316.70383	200.40617	173.92004	3.20122	0.2079938	2.6893234	63618
(87741)	15.6	302.88522	273.54454	125.30448	3.36451	0.0855513	2.5955413	63599	(87793)	15.6	299.12277	187.47496	195.00878	5.70412	0.0815246	2.7384188	63618
(87742)	15.2	309.77832	226.14557	148.10432	1.65958	0.0906728	2.6535077	63599	(87794)	15.8	336.46578	161.32571	184.24206	4.36766	0.1119896	2.6894022	63619
(87743)	15.0	297.98393	151.87278	176.88091	10.54392	0.1178583	2.9607187	63600	(87795)	14.7	301.07111	147.13946	185.13841	11.46697	0.0937434	3.0455268	63619
(87744)	15.1	266.98369	221.22300	183.19909	5.62914	0.0508563	2.7445000	63600	(87796)	15.3	230.46327	324.76237	112.84451	3.12596	0.0649478	2.9007861	63619
(87745)	14.4	246.87137	283.81277	96.72745	2.97191	0.1931678	3.0829106	63600	(87797)	14.8	338.35833	25.94893	251.51849	14.82075	0.0929811	2.9215513	63620
(87746)	15.2	277.56915	306.14188	47.23093	3.26412	0.2245710	2.9667878	63601	(87798)	15.5	2.63822	28.72292	274.40860	13.32100	0.1136287	2.6251308	63620
(87747)	14.7	70.71289	206.05845	23.55451	4.52251	0.1020577	2.7770247	63601	(87799)	15.1	288.68176	154.24301	241.28796	12.02498	0.1645430	2.6427470	63620
(87748)	14.7	339.63062	325.76406	49.58545	7.85061	0.1345013	2.5281276	63602	(87800)	15.9	39.00057	12.40036	250.81309	12.26890	0.1346152	2.6361579	63621
(87749)	15.1	308.25049	330.40986	32.41137	9.44916	0.1462047	2.7523300	63602	(87801)	14.0	227.22524	90.17526	286.84078	14.45962	0.0880078	3.22444783	63621

(87802)	14.6	20.56394	353.47546	296.24662	14.31930	0.1094898	2.6715932	63621	(87854)	15.0	328.33929	186.97814	160.04856	9.73343	0.1635327	2.7579939	63640
(87803)	14.7	334.58511	125.61649	234.30479	12.11467	0.1937476	2.6037982	63622	(87855)	14.9	302.07528	311.01991	112.77833	7.12922	0.1613927	2.5876720	63641
(87804)	14.8	283.40011	99.52517	313.87858	11.13481	0.1673393	2.6928952	63622	(87856)	16.0	355.88431	258.24717	51.48065	13.75008	0.1879014	2.7110687	63641
(87805)	14.7	322.30790	12.65511	329.96858	4.64109	0.0216332	2.8047937	63622	(87857)	15.2	0.49012	168.38556	173.36936	14.25425	0.2944136	2.5734207	63641
(87806)	15.0	341.99590	49.18127	290.83978	2.85277	0.1071244	2.6672458	63623	(87858)	15.8	287.45943	247.59441	153.25794	7.89700	0.2432617	2.7924531	63642
(87807)	15.2	261.44538	199.98827	222.73740	5.39183	0.0558420	2.7331080	63623	(87859)	13.1	159.25876	78.31417	70.44254	17.08901	0.1895701	3.1195921	63642
(87808)	14.2	266.33914	117.27495	236.60167	15.93859	0.1581192	3.1426947	63623	(87860)	15.4	354.92310	136.40871	186.36325	13.56890	0.1853147	2.7684145	63643
(87809)	14.8	269.05035	102.97380	247.51727	4.01021	0.1447136	3.1304584	63624	(87861)	15.8	15.53083	104.63526	210.42926	2.92633	0.0549823	2.6707241	63643
(87810)	15.9	324.12028	6.30280	356.29255	4.10025	0.1972385	2.6573890	63624	(87862)	14.5	181.53240	249.84898	245.70615	5.07316	0.0194253	2.8619952	63643
(87811)	13.0	142.90797	220.57467	203.87405	12.69077	0.2187979	3.9699310	63625	(87863)	13.9	277.91758	291.18311	42.39907	11.53646	0.0518182	3.0986035	63644
(87812)	13.8	250.72919	163.81517	205.02470	17.02066	0.2147631	3.1493811	63625	(87864)	15.5	334.11999	215.40573	119.59341	7.82110	0.1393376	2.7551362	63644
(87813)	15.1	267.97627	128.07074	209.33400	4.11432	0.1254943	3.2378621	63626	(87865)	15.7	344.38982	13.15243	343.89944	27.75633	0.2109537	2.5803759	63644
(87814)	14.8	273.87918	320.80000	24.49875	5.06630	0.2063152	3.1326237	63626	(87866)	15.8	355.88329	202.71077	113.18958	4.17602	0.1094885	2.6087242	63644
(87815)	16.0	315.66540	242.81311	157.15985	5.11073	0.2401687	2.6251293	63626	(87867)	14.8	262.17505	276.10281	61.48215	5.61745	0.1261340	3.1314313	63645
(87816)	14.7	297.50193	80.99018	224.75812	4.13649	0.1075177	3.2340795	63627	(87868)	15.1	270.38207	279.75581	65.97590	3.22460	0.0551232	3.0903369	63645
(87817)	13.8	290.39536	100.92082	321.94309	14.19062	0.1767317	2.6344969	63627	(87869)	15.1	359.08410	224.07280	94.06966	6.11956	0.0376946	2.7178907	63645
(87818)	15.5	308.49155	145.00675	224.09309	5.29144	0.0353916	2.6824085	63627	(87870)	15.7	306.55158	309.13451	51.42751	4.18838	0.1048605	2.7778408	63646
(87819)	14.6	251.82186	265.60648	107.12585	11.92924	0.1263422	3.0826286	63628	(87871)	15.6	314.22445	245.86563	116.47355	5.84066	0.1935745	2.7105562	63646
(87820)	15.3	295.91187	269.38346	147.17216	12.59113	0.1828667	2.6187479	63628	(87872)	14.7	75.17538	210.31061	41.83059	16.33845	0.1673504	2.6422316	63646
(87821)	14.3	122.26454	237.42242	347.40640	7.11363	0.1409720	2.5801519	63629	(87873)	14.9	298.52229	226.61674	144.30951	5.85657	0.1188837	2.8506696	63647
(87822)	14.5	74.65152	346.79629	226.06949	16.24972	0.1177842	2.7972226	63629	(87874)	14.7	299.98446	326.55480	58.79043	9.93429	0.1535320	2.7646159	63647
(87823)	15.5	304.53750	101.36539	272.76284	7.73982	0.1568185	2.7388478	63629	(87875)	15.0	42.89381	84.57664	181.20289	11.52311	0.0870996	2.8007223	63647
(87824)	14.8	335.38543	95.02361	233.46033	7.70214	0.2080538	2.7232808	63630	(87876)	16.1	15.63610	121.14141	186.33965	9.59854	0.1675696	2.6632752	63648
(87825)	15.9	345.86781	356.08013	328.20688	9.04127	0.1266043	2.7342994	63630	(87877)	15.5	302.67786	238.90335	86.70024	1.56922	0.1300017	3.0639137	63648
(87826)	14.5	310.93549	129.16355	228.11667	11.32866	0.1571840	2.7785581	63630	(87878)	15.5	331.31832	143.87061	200.15503	13.65591	0.2047463	2.7563258	63648
(87827)	14.2	308.64293	6.43354	7.76772	5.95628	0.0930515	2.7660607	63631	(87879)	13.6	161.02036	54.26072	85.21015	6.04217	0.1182407	3.1029251	63648
(87828)	15.2	348.68447	295.59410	28.76519	13.67575	0.2180737	2.7134384	63631	(87880)	15.2	268.51245	141.42844	217.70113	10.25630	0.1418008	3.1105641	63649
(87829)	13.9	166.42692	246.56993	253.73689	20.77538	0.0427261	2.6997751	63632	(87881)	15.4	315.12068	340.79862	33.69215	15.54546	0.2128073	2.7176617	63649
(87830)	15.0	274.62922	151.88656	259.87668	12.14319	0.0772956	2.6854678	63632	(87882)	14.1	161.94596	98.80621	39.49513	10.46034	0.0284359	3.0169578	63650
(87831)	15.0	328.57099	94.68723	281.33104	6.05360	0.2106184	2.5968680	63632	(87883)	14.1	325.72071	65.21845	222.44085	22.01276	0.1912567	3.1656112	63650
(87832)	15.1	291.87935	82.12492	296.01381	4.79215	0.1336447	2.8633882	63633	(87884)	15.5	28.70808	174.64240	95.17736	6.65347	0.0265869	2.7801190	63651
(87833)	14.4	244.96309	205.34052	237.33057	12.30570	0.0316997	2.7988980	63633	(87885)	16.5	307.52655	131.63989	246.22908	9.26235	0.1333761	2.6633939	63651
(87834)	14.2	49.85610	314.23173	350.58844	5.31239	0.0946393	2.5690352	63634	(87886)	14.5	257.28779	218.16253	230.49267	8.99944	0.1574149	2.6719079	63651
(87835)	15.4	30.32661	180.54764	89.49010	7.32155	0.2051648	2.5586223	63634	(87887)	15.5	206.17045	161.53493	299.40981	8.37138	0.1155482	2.7538732	63651
(87836)	14.0	7.58952	222.97068	353.05534	10.87167	0.0135105	3.2508815	63635	(87888)	14.3	28.36747	321.50543	347.74973	12.75835	0.1577567	2.6712171	63652
(87837)	15.2	280.34400	316.70424	98.07566	6.97422	0.1073364	2.6579500	63635	(87889)	14.0	321.58422	110.48312	282.17005	11.68845	0.2114098	2.6418367	63652
(87838)	14.9	337.02707	42.45346	308.37196	12.98598	0.1933401	2.5966114	63635	(87890)	14.7	308.75968	78.81841	310.78042	7.82878	0.2618212	2.7610149	63653
(87839)	15.6	327.30220	16.51446	319.48620	3.72321	0.0837382	2.7554189	63636	(87891)	15.9	325.35826	133.19750	220.01854	5.23129	0.0317631	2.6883088	63653
(87840)	15.4	347.47257	250.39465	71.20433	5.73067	0.1304782	2.6362433	63636	(87892)	13.5	234.48685	154.90003	275.33227	10.88534	0.0165678	2.9312079	63653
(87841)	16.1	275.75096	32.82261	12.33041	2.46834	0.0774759	2.6846896	63636	(87893)	14.3	326.78494	47.37117	309.73218	8.69527	0.1320101	2.7523600	63654
(87842)	16.0	10.33449	86.15210	199.25749	6.80375	0.1258421	2.7503158	63636	(87894)	14.0	223.39482	140.04864	23.67690	13.49505	0.0966574	2.6008808	63654
(87843)	15.5	76.86398	216.99106	7.73260	9.01502	0.0948294	2.7469123	63637	(87895)	14.7	54.43329	268.18672	349.03808	13.90913	0.1787822	2.6328875	63655
(87844)	15.6	349.51267	227.61190	37.20357	1.90975	0.0937543	3.0499262	63637	(87896)	15.7	346.76227	6.57518	311.34745	3.02334	0.1357678	2.7268231	63655
(87845)	15.7	296.07651	143.09500	186.94836	1.49699	0.2058440	3.0387837	63637	(87897)	16.0	329.69297	41.04850	297.15398	3.27361	0.1267375	2.7361960	63656
(87846)	15.3	311.56775	234.17225	124.96094	7.39294	0.0914939	2.7473011	63638	(87898)	14.6	337.26398	15.33893	265.76557	8.15063	0.0376320	3.1677722	63656
(87847)	15.0	260.04625	284.57314	69.98357	10.69624	0.1784707	3.1208976	63638	(87899)	14.2	147.97924	218.96406	317.94268	10.76052	0.1269798	2.7104356	63656
(87848)	14.9	258.49098	233.75867	132.16531	8.42058	0.1709649	3.1070763	63638	(87900)	14.3	275.43466	91.36970	255.73078	9.05866	0.0563302	3.0857831	63656
(87849)	14.2	266.64699	275.99291	83.55429	9.80128	0.2570441	3.0441032	63639	(87901)	14.8	179.94030	207.01404	296.03465	8.01198	0.0946794	2.7601334	63657
(87850)	15.2	340.23120	296.17553	49.92621	13.87317	0.3006135	2.6108047	63639	(87902)	14.9	40.29312	303.16583	351.98523	11.74784	0.1639446	2.5657178	63657
(87851)	15.4	277.67462	270.69027	166.45142	11.92031	0.2640400	2.6907704	63639	(87903)	15.2	16.84982	33.67512	276.71464	6.10508	0.2035912	2.5892408	63658
(87852)	14.6	34.74986	180.04462	99.11368	10.25548	0.1250754	2.7558469	63640	(87904)	15.7	26.01365	148.48628	138.58799	6.61579	0.1649473	2.6366218	63658
(87853)	15.4	321.76607	232.32208	173.81034	12.13102	0.1762578	2.5506470	63640	(87905)	13.7	306.54608	98.37001	266.17489	15.94235	0.2164318	2.7448540	63658

(87906)	14.4	237.88501	181.93565	269.57469	21.04524	0.0350488	2.6625318	63659	(87958)	15.5	311.47359	339.71407	22.05872	4.57442	0.0843410	2.7876390	63677
(87907)	14.6	318.67573	59.28400	332.61881	22.02608	0.0741319	2.5878971	63659	(87959)	14.9	129.42979	164.72458	28.76459	13.78858	0.0855538	2.8060487	63677
(87908)	14.1	240.15472	205.67495	252.87839	21.14655	0.0907358	2.6835128	63660	(87960)	14.4	164.96415	120.94940	46.95898	13.99217	0.1223041	2.6211133	63677
(87909)	14.4	11.41066	29.52897	283.24017	14.01976	0.1599820	2.6031107	63660	(87961)	15.9	20.82861	156.10970	148.81613	11.70850	0.1572446	2.5599171	63678
(87910)	13.9	293.59384	128.08349	298.67169	13.11598	0.1372274	2.5669374	63660	(87962)	14.4	197.03016	318.26098	106.08089	10.72929	0.0892832	3.1694864	63678
(87911)	14.8	35.86774	325.11808	320.01488	14.20803	0.1114561	2.6619363	63661	(87963)	14.2	278.77715	237.76085	95.52502	11.11726	0.0561345	3.1735120	63679
(87912)	14.8	56.05172	317.51057	297.74204	11.50316	0.1388161	2.7281321	63661	(87964)	15.2	350.34758	48.41642	256.78904	3.95322	0.0983765	2.8441595	63679
(87913)	15.5	10.87283	5.28542	291.76505	12.16205	0.2442404	2.6687561	63661	(87965)	13.7	349.10382	341.41435	19.00882	12.86896	0.1606864	2.6286400	63679
(87914)	15.7	342.69150	36.21393	314.49373	11.45525	0.1787901	2.6323158	63662	(87966)	15.7	288.32698	76.04608	301.18005	5.60906	0.0953644	2.7750462	63680
(87915)	15.1	301.29251	91.01513	289.87182	13.01162	0.0665308	2.6805080	63662	(87967)	14.9	281.27058	284.27633	112.32676	13.83167	0.1424634	2.7577605	63680
(87916)	15.0	17.85991	353.61432	286.01992	11.66035	0.1522341	2.7552926	63662	(87968)	15.4	356.52045	221.35955	91.41081	13.97467	0.1901233	2.6646214	63680
(87917)	14.2	37.21788	313.68720	239.53681	20.19123	0.1074047	3.1817261	63663	(87969)	14.8	265.36932	294.21389	130.92765	12.04298	0.2687585	2.6887204	63681
(87918)	14.3	23.09480	29.13152	265.76553	13.95037	0.0721387	2.5969410	63663	(87970)	14.9	325.65922	331.44558	31.94945	8.58201	0.2148974	2.5793344	63681
(87919)	13.6	240.87681	67.42975	288.60597	15.01228	0.0978433	3.2149393	63663	(87971)	14.5	344.51897	109.19773	147.17260	16.44808	0.0353757	3.1028426	63681
(87920)	14.2	321.60528	4.53758	274.05285	13.82557	0.0564207	3.1056001	63664	(87972)	14.9	298.06894	204.68677	116.50425	11.86360	0.0424974	2.9738854	63682
(87921)	14.9	10.49937	327.56078	305.51816	12.50441	0.2920868	2.6739800	63664	(87973)	15.3	288.77602	239.25561	148.15611	13.11836	0.1047905	2.6516503	63682
(87922)	14.9	254.78439	308.52423	56.59725	13.36744	0.1362967	3.0657636	63664	(87974)	15.3	26.89099	232.15043	26.64475	15.85343	0.2471533	2.6565733	63682
(87923)	14.2	340.52070	32.03505	323.51856	11.91635	0.2424224	2.6251716	63665	(87975)	14.1	0.31041	133.24046	115.27205	11.09447	0.0475084	3.0637589	63682
(87924)	14.3	355.69828	7.28871	339.03498	14.31405	0.1690279	2.6185389	63665	(87976)	14.7	250.96224	273.08474	153.18392	14.12349	0.1089198	2.7572824	63683
(87925)	13.1	356.91380	71.31961	281.01583	11.95619	0.1749884	2.5817261	63666	(87977)	15.7	24.44488	243.49168	34.56618	2.86977	0.1280805	2.7408920	63683
(87926)	13.0	273.70034	115.04890	254.37688	24.74671	0.2264076	3.1683304	63666	(87978)	16.4	10.41938	209.19939	107.47731	6.29240	0.1784854	2.5325946	63684
(87927)	16.9	314.32067	162.85444	196.07053	1.52248	0.0930496	2.6613573	63666	(87979)	14.4	311.48292	237.63069	73.86066	11.23674	0.1051389	2.9682670	63684
(87928)	15.5	356.59605	15.46965	286.36621	6.69752	0.1540216	2.8133601	63667	(87980)	16.2	356.93635	104.89512	204.70086	2.09683	0.1736983	2.7271208	63684
(87929)	15.5	332.79451	153.04303	205.50158	8.89335	0.1195599	2.6988076	63667	(87981)	15.2	333.28059	287.77808	71.01767	14.09693	0.2302325	2.6604123	63684
(87930)	15.8	333.90976	294.15597	93.48032	7.23674	0.2817240	2.5355878	63667	(87982)	15.1	342.78962	270.16327	50.18851	15.15891	0.1684151	2.6793131	63685
(87931)	14.8	337.33003	208.34363	133.33023	14.25216	0.1821576	2.6038155	63668	(87983)	15.2	260.53398	248.73443	112.02457	11.94656	0.1279901	3.0442382	63685
(87932)	14.3	205.56417	204.49529	273.69732	13.58569	0.1244431	2.6072467	63668	(87984)	15.4	354.36419	219.21062	113.98236	8.03703	0.2579623	2.5327802	63685
(87933)	15.7	59.19065	29.04696	200.98164	2.20683	0.1058550	2.8000811	63668	(87985)	15.5	348.20683	184.28575	155.61353	4.59087	0.1878979	2.6339334	63686
(87934)	13.4	262.69639	158.25593	280.54718	21.29959	0.0884394	2.6512396	63669	(87986)	15.3	310.04061	238.78727	152.53837	13.78331	0.1680537	2.6397677	63686
(87935)	13.7	262.92923	126.29078	305.51683	21.01229	0.0921396	2.6928413	63669	(87987)	14.9	309.77240	305.44214	73.94074	13.66182	0.1698879	2.6878710	63686
(87936)	15.1	293.95287	343.82119	48.16502	14.99317	0.0907141	2.6397796	63670	(87988)	15.4	278.16095	328.88544	123.55658	5.83626	0.1721318	2.6248972	63687
(87937)	15.0	310.04537	323.19214	51.83732	14.92220	0.1651093	2.6433867	63670	(87989)	13.9	241.51205	231.84424	234.68600	13.02087	0.1697813	2.8396454	63687
(87938)	15.7	307.68985	275.56496	130.29756	11.24120	0.2975935	2.5931009	63670	(87990)	15.0	294.21596	163.64943	224.00940	1.19397	0.0790126	2.8635424	63687
(87939)	15.8	4.14967	253.82255	54.18162	12.59830	0.1417937	2.7458107	63670	(87991)	15.4	335.86449	124.65384	217.80316	3.86100	0.1526097	2.7393569	63688
(87940)	15.6	298.68582	227.66978	150.91673	15.01329	0.1000460	2.6442828	63671	(87992)	15.4	282.88400	178.52422	229.51475	2.08886	0.1077091	2.7751505	63688
(87941)	14.4	242.05901	290.48150	98.83171	12.04533	0.1470189	3.0609120	63671	(87993)	14.9	299.27376	336.75252	53.07581	13.10564	0.3189212	2.7939443	63689
(87942)	15.2	309.62320	237.93167	147.55785	15.44678	0.1287651	2.6368790	63671	(87994)	14.4	175.53413	179.31378	311.42311	9.35102	0.0583103	2.9658358	63689
(87943)	16.0	344.75500	231.58515	134.44914	13.89498	0.2011624	2.5407066	63672	(87995)	15.8	320.12211	180.11934	182.52719	3.63239	0.0929405	2.7476657	63689
(87944)	14.4	247.59840	234.77295	130.60984	18.40366	0.1427890	3.2123370	63672	(87996)	15.4	315.25668	217.96499	143.35659	4.22629	0.1081841	2.7967140	63690
(87945)	14.1	276.67620	293.01808	138.23745	14.02487	0.1561763	2.6146754	63672	(87997)	15.0	310.75681	213.15341	172.70212	5.06174	0.1229657	2.7278340	63690
(87946)	15.7	14.90308	88.21599	198.09351	2.16954	0.0355632	2.7777694	63673	(87998)	15.5	288.86108	57.40623	323.72726	2.86824	0.0974675	2.7892260	63690
(87947)	15.3	280.70591	289.60165	106.81532	14.11827	0.1251807	2.6898554	63673	(87999)	14.7	337.08735	38.08330	282.98822	9.85291	0.0826370	2.9636273	63691
(87948)	15.4	34.50423	153.13928	113.14330	4.21586	0.1682030	2.6399972	63673	(88000)	14.5	359.43343	298.32024	36.31930	14.43216	0.1666822	2.6514121	63691
(87949)	14.0	122.42204	100.40344	62.99693	9.89751	0.0938237	2.7847347	63674	(88001)	15.2	242.62284	252.22267	182.19737	1.88943	0.0930822	2.9229085	63691
(87950)	14.7	33.19821	337.84490	282.50062	14.51932	0.1005785	2.6283390	63674	(88002)	15.5	262.85425	238.35537	166.16938	2.01753	0.1186977	2.9377012	63692
(87951)	15.8	342.38313	20.70568	316.95510	11.16619	0.1973080	2.6914366	63675	(88003)	14.5	167.85859	351.02805	137.92225	1.67634	0.1515102	3.1708548	63692
(87952)	16.8	338.87623	215.44308	125.89668	7.31583	0.2586787	2.5681052	63675	(88004)	15.5	330.51864	176.38039	199.83954	4.47406	0.2003691	2.6373747	63693
(87953)	15.9	358.81680	226.06766	86.65082	7.24653	0.1231422	2.6151568	63675	(88005)	14.1	230.43060	18.44254	51.43256	13.71667	0.0315148	3.0600104	63693
(87954)	14.5	329.69538	95.86391	275.87535	12.02669	0.1849782	2.5942413	63675	(88006)	15.4	342.60785	245.72761	130.87486	2.38109	0.1670901	2.5919052	63693
(87955)	14.9	310.95766	219.85456	107.40176	6.11687	0.1716433	2.7660691	63676	(88007)	15.7	305.19159	273.45786	59.14469	1.10662	0.2163794	3.0572547	63694
(87956)	14.2	120.58092	127.51755	307.38837	2.27818	0.2250293	3.9402733	63676	(88008)	15.4	294.54531	240.58759	138.91061	2.65122	0.0961387	2.9189020	63694
(87957)	15.2	316.94109	239.54000	113.73214	6.99245	0.0700047	2.7928276	63676	(88009)	14.2	184.65280	47.52176	77.47451	11.58565	0.1157055	3.0853078	63694

(88010)	14.6	312.25012	344.13164	59.59505	14.39137	0.1149978	2.6532173	63695	(88062)	16.2	331.00256	130.38363	226.08647	3.91766	0.1734112	2.7263701	63711
(88011)	15.7	7.70271	43.15811	262.49812	2.40312	0.0545303	2.7715659	63695	(88063)	13.8	261.22640	28.54362	25.94651	10.27815	0.0542443	3.0026476	63712
(88012)	15.3	39.39234	285.83233	358.04175	12.18784	0.1685980	2.5990243	63696	(88064)	13.3	170.19372	271.23028	257.86272	21.86469	0.3562237	3.1503230	63712
(88013)	15.9	350.25900	47.85589	273.91245	3.23132	0.0667942	2.7883196	63696	(88065)	14.2	285.59018	100.77224	290.26455	9.19136	0.0976665	2.9670647	63713
(88014)	15.0	1.94256	0.20822	345.34237	5.18080	0.1522625	2.5623623	63696	(88066)	15.8	324.82721	200.38503	144.01041	2.07523	0.0707809	2.8865836	63713
(88015)	14.4	182.56286	113.03136	12.44244	11.37308	0.1136474	2.9842828	63696	(88067)	15.4	318.45157	123.94398	245.39415	7.99053	0.3273891	2.7457531	63713
(88016)	15.0	340.07978	318.54396	12.24807	12.66255	0.1933288	2.7477901	63697	(88068)	14.5	197.38531	198.32258	276.29490	4.63639	0.1314701	3.1835714	63714
(88017)	14.8	222.82787	229.05756	244.58913	7.99850	0.1215582	2.7976004	63697	(88069)	13.8	313.83814	83.91830	239.03508	20.71100	0.1362039	3.0490135	63714
(88018)	15.6	294.61000	45.63232	338.86185	2.46261	0.1034200	2.7886721	63698	(88070)	15.1	331.04379	95.22973	251.88528	8.07168	0.1815465	2.7893092	63714
(88019)	15.2	346.47503	73.37172	265.19287	8.44526	0.1249583	2.7001666	63698	(88071)	14.4	256.41563	242.25634	127.71384	22.50915	0.1781883	3.3821305	63715
(88020)	16.1	316.23284	116.01881	248.94563	4.28979	0.0900708	2.7685887	63698	(88072)	15.3	229.72641	353.73251	87.71191	2.57841	0.1356582	3.0778958	63715
(88021)	14.7	348.57486	79.16564	240.75365	7.95875	0.1600402	2.8015084	63698	(88073)	14.0	233.40986	220.48884	262.49217	21.27830	0.0429634	2.6914403	63715
(88022)	15.5	346.51384	328.59023	20.71557	5.75419	0.1924176	2.6516408	63699	(88074)	14.2	269.71250	30.53750	15.40959	9.66931	0.0540895	2.9603628	63716
(88023)	13.9	235.94294	142.43330	286.47641	10.35942	0.0586103	3.0711922	63699	(88075)	15.3	330.17237	5.25983	39.63874	5.87329	0.3078242	2.5889449	63716
(88024)	15.0	357.70818	216.20493	100.70154	10.68168	0.2598387	2.7576105	63699	(88076)	14.5	299.41582	81.58069	300.71867	7.43859	0.1037985	2.8764686	63716
(88025)	14.9	287.21797	184.32079	243.47753	10.18070	0.3174052	2.7459735	63699	(88077)	15.4	335.50697	17.82701	340.81339	3.21505	0.1113484	2.8025893	63716
(88026)	14.6	349.33799	96.51247	239.86833	11.98767	0.2297874	2.7681321	63700	(88078)	14.6	250.33820	3.45825	58.22130	12.47523	0.1155565	3.0661262	63717
(88027)	15.3	333.11963	112.35811	247.99822	6.52055	0.1340584	2.7666817	63700	(88079)	14.9	178.27198	221.38119	262.54012	0.11149	0.1395727	3.1516587	63717
(88028)	14.4	256.10923	273.95614	69.49594	9.53520	0.0925111	3.4094978	63700	(88080)	13.9	162.43420	84.00897	67.24988	16.51140	0.0312381	3.1017886	63718
(88029)	15.7	266.20410	133.89505	277.20759	1.27816	0.0659517	2.7712542	63701	(88081)	14.3	321.13483	272.25514	119.23464	7.12456	0.1664174	2.6710377	63718
(88030)	15.8	333.45484	232.33321	142.92627	2.66121	0.1493465	2.6254583	63701	(88082)	14.4	36.31699	177.51824	72.81366	28.62628	0.1065006	3.1673381	63719
(88031)	13.4	70.18635	133.81062	84.04261	11.88000	0.0863170	3.1972984	63701	(88083)	13.7	23.19425	148.20007	236.48809	27.69213	0.3060686	2.5460975	63719
(88032)	14.4	38.20860	14.36895	211.21783	18.57750	0.0761375	3.2310941	63702	(88084)	15.4	337.33552	241.25818	162.55263	5.56951	0.2325080	2.5437072	63719
(88033)	15.9	327.10113	36.08002	302.54826	3.96566	0.1656221	2.7829588	63702	(88085)	14.2	236.75041	303.82675	124.52289	9.95069	0.0818952	3.1643743	63719
(88034)	15.2	312.48420	26.95632	331.48292	5.35814	0.0916648	2.8554440	63702	(88086)	14.7	283.80452	205.44808	161.82083	7.41703	0.2484038	3.0859453	63720
(88035)	14.0	115.41309	264.31212	268.53967	9.14970	0.0307393	3.1345690	63702	(88087)	14.7	306.10143	246.91234	125.18093	11.66965	0.0737681	3.0884248	63720
(88036)	14.8	322.27949	17.28134	334.31712	5.41693	0.0825430	2.8576430	63703	(88088)	15.0	357.45994	177.05024	164.39999	4.37468	0.2634049	2.7081471	63720
(88037)	15.3	344.53439	36.27561	301.72423	4.64296	0.1145684	2.7783070	63703	(88089)	14.5	275.42269	286.66811	114.14397	10.67671	0.1552005	3.0892894	63720
(88038)	15.3	314.56364	44.24193	328.31645	3.63517	0.0872659	2.7944523	63703	(88090)	13.5	293.43396	124.17964	248.64979	13.67512	0.0823911	3.2316727	63721
(88039)	13.8	251.52626	33.30660	31.74830	9.92982	0.0648332	2.9725904	63704	(88091)	14.8	324.69136	203.75061	212.72339	5.24365	0.2132676	2.6291523	63721
(88040)	14.7	271.88793	356.68911	35.62192	11.48902	0.0260419	3.0627081	63704	(88092)	15.7	328.98286	203.55196	173.52155	9.56482	0.2753270	2.6812791	63721
(88041)	14.7	292.78064	10.69251	324.53027	4.61301	0.1507308	3.1909203	63705	(88093)	16.0	330.45902	231.60144	157.94486	6.96860	0.1677339	2.6225022	63722
(88042)	15.1	349.21051	352.51109	346.42120	4.69700	0.2556620	2.7259255	63705	(88094)	12.8	314.97034	69.76148	308.06247	15.68209	0.1312438	3.2124336	63722
(88043)	14.4	263.86599	217.41403	251.71923	52.07648	0.2947474	2.8909169	63705	(88095)	15.0	329.84023	282.78817	92.26427	8.55194	0.2388702	2.7368249	63723
(88044)	15.7	30.89077	105.14789	175.85239	12.63281	0.2441061	2.6464021	63706	(88096)	13.9	346.36238	37.02703	350.09577	13.92538	0.1950523	2.6610969	63723
(88045)	15.4	330.56781	286.62097	52.50214	2.63100	0.0731743	2.8328529	63706	(88097)	14.4	311.12630	265.98702	150.10139	13.31206	0.2183812	2.5968593	63723
(88046)	14.2	148.24964	133.88189	17.38887	0.90717	0.1578748	3.1064484	63706	(88098)	14.9	245.79334	129.05966	321.55873	7.29211	0.1611562	2.7982849	63724
(88047)	15.1	348.29333	97.03938	228.61394	7.43398	0.1041252	2.7999559	63707	(88099)	15.0	352.45033	27.72259	286.43153	6.95120	0.2169849	2.8054657	63724
(88048)	14.5	189.09670	37.25134	82.58076	7.11781	0.1178843	3.0627748	63707	(88100)	14.2	319.75781	39.98536	262.13904	9.18813	0.1925192	3.1633161	63724
(88049)	15.4	0.16906	108.40365	210.95493	8.12285	0.1484107	2.7876903	63707	(88101)	14.3	299.71063	89.89652	267.57515	8.55534	0.0863326	3.0553251	63725
(88050)	15.4	282.09182	348.07581	64.75150	4.33384	0.1790645	2.8012293	63708	(88102)	14.4	99.11430	297.67713	269.84006	8.39226	0.0501841	3.0980611	63725
(88051)	15.7	299.95552	237.04198	152.13691	2.40093	0.0738666	2.8363332	63708	(88103)	15.3	290.74307	80.50819	301.59154	3.36799	0.1003528	2.9779867	63725
(88052)	16.0	307.19343	200.29007	185.47285	4.95979	0.1684075	2.7717823	63708	(88104)	14.0	312.74941	98.53848	257.59706	8.61048	0.0840710	3.0001879	63726
(88053)	15.5	299.18329	246.70982	149.15371	4.56340	0.1077473	2.8024823	63709	(88105)	15.0	318.93910	334.34379	47.33434	3.13509	0.0934325	2.7708455	63726
(88054)	15.1	328.15708	237.11752	127.46083	4.41679	0.2082580	2.7415503	63709	(88106)	15.2	299.08584	313.73852	54.57936	11.34861	0.0710719	3.0175638	63726
(88055)	15.1	331.21440	266.58081	106.39673	6.74174	0.1048122	2.7337813	63709	(88107)	14.6	308.50303	114.08260	251.38251	8.56372	0.0821307	2.9915370	63727
(88056)	15.3	264.45497	214.71467	187.63872	1.94159	0.1547043	3.0600892	63709	(88108)	15.5	5.25047	62.63614	287.36389	3.37022	0.3276423	2.5886378	63727
(88057)	14.4	263.65677	359.95581	63.24411	11.80300	0.1267387	2.9425036	63710	(88109)	14.1	247.21870	342.41089	90.95994	6.52089	0.1666670	3.0868209	63727
(88058)	15.2	262.31251	90.02732	342.24078	6.74511	0.0993910	2.7326968	63710	(88110)	14.3	302.36769	349.96197	75.37766	7.85294	0.1355132	2.7528007	63728
(88059)	15.2	15.76434	31.46700	267.39181	2.24442	0.0944528	2.7738779	63711	(88111)	13.3	102.20884	92.44310	100.11461	22.49761	0.1534628	3.1489882	63728
(88060)	14.5	329.20262	136.77730	247.38276	14.28765	0.1122376	2.6902039	63711	(88112)	14.6	295.95293	238.83666	143.11034	9.91942	0.0562786	3.0043835	63729
(88061)	15.0	306.51047	249.43255	77.06833	5.53740	0.1739506	3.0761866	63711	(88113)	14.5	12.22830	305.53522	346.81028	6.05930	0.0432104	3.0349851	63729

(88114)	14.9	57.93254	339.47809	278.91732	8.26975	0.0166945	2.9765408	63729	(88166)	15.1	323.44897	31.49845	353.48661	9.29184	0.1975743	2.7345756	63747
(88115)	15.5	344.46062	23.21465	336.42170	2.27892	0.3075930	2.6802862	63730	(88167)	15.0	181.56477	193.26380	302.33374	16.60825	0.1173115	3.2119699	63747
(88116)	15.4	317.53625	68.41248	294.90722	12.25684	0.1551540	2.7834114	63730	(88168)	13.9	214.73788	147.37878	335.21115	9.09265	0.0359140	2.9918378	63748
(88117)	13.4	277.91953	199.86786	255.05718	25.89074	0.1535057	2.6135656	63730	(88169)	13.5	251.65466	61.16804	6.44774	9.92741	0.1990828	3.0715366	63748
(88118)	13.7	283.98859	62.98944	282.56098	9.81158	0.2209707	3.1339684	63731	(88170)	14.0	251.73661	112.15171	320.79409	13.25653	0.1327694	3.0507418	63749
(88119)	14.4	265.41853	100.64868	306.22508	6.72288	0.0261360	2.9821809	63731	(88171)	14.2	320.52504	303.61355	46.86150	16.78874	0.0828253	3.1479707	63749
(88120)	15.1	333.30715	109.59141	222.77106	2.81486	0.1088362	3.0128698	63731	(88172)	14.1	353.85943	41.79412	311.11184	8.98594	0.2921109	2.7168448	63749
(88121)	15.1	348.91388	130.05335	204.78135	1.31686	0.0211477	2.8903117	63732	(88173)	14.6	343.80776	354.35386	16.27679	12.72545	0.1974431	2.7521842	63750
(88122)	15.2	216.70778	37.04774	62.72876	4.83655	0.0467716	3.0072698	63732	(88174)	14.8	331.24001	21.70800	2.51754	9.72497	0.2181020	2.7463749	63750
(88123)	14.7	264.06991	284.62428	68.97447	16.03396	0.3258435	3.0849829	63732	(88175)	14.4	251.30853	49.40727	6.00637	9.12018	0.0871689	3.1713850	63750
(88124)	14.4	262.69028	279.26252	90.63551	22.63462	0.2765047	3.1328884	63733	(88176)	14.6	262.94369	102.30748	321.80959	10.34871	0.1230251	2.9934580	63751
(88125)	14.2	246.34565	312.57560	136.90518	17.11522	0.1780374	2.9321344	63733	(88177)	14.2	291.27780	89.57331	321.00552	11.26633	0.1694526	2.8605492	63751
(88126)	13.9	294.14792	260.50615	70.48668	17.22153	0.0430991	3.1452741	63733	(88178)	14.6	317.72678	327.03804	38.49196	13.90968	0.1632906	3.0027922	63751
(88127)	14.8	295.16980	259.84450	189.64590	13.00336	0.1381176	2.5613707	63733	(88179)	14.3	297.21261	34.23935	356.70095	10.55670	0.1744845	2.9844170	63751
(88128)	14.8	344.98112	260.07707	107.87345	12.76930	0.2855222	2.6427249	63734	(88180)	15.0	321.10459	72.50657	298.38868	14.61512	0.1665689	2.7506443	63752
(88129)	13.7	302.26617	46.54088	250.13494	19.12575	0.0575691	3.4293280	63734	(88181)	14.3	337.87101	28.81704	357.98199	14.05365	0.1724420	2.6272264	63752
(88130)	14.6	299.04141	302.40157	77.06101	4.90687	0.2092828	3.0306184	63734	(88182)	14.6	292.35771	60.30178	4.38176	13.16691	0.1395370	2.7245564	63753
(88131)	13.7	310.15399	81.30185	273.65001	13.72579	0.1385798	2.8613049	63735	(88183)	13.9	278.93645	69.69943	352.48644	13.81806	0.2097960	2.8400948	63753
(88132)	14.1	206.08117	165.70807	299.63414	8.51200	0.0100630	2.9710817	63735	(88184)	14.4	305.55359	96.84901	329.27276	11.36398	0.2517912	2.6622180	63754
(88133)	15.2	331.36685	293.44004	74.80448	3.87713	0.1086951	2.7720895	63735	(88185)	13.8	320.63355	14.74479	21.22465	17.45301	0.0603694	2.7828078	63754
(88134)	15.0	335.47718	269.04376	93.09649	13.18415	0.2116002	2.7058250	63736	(88186)	14.2	345.89761	21.34712	0.53266	14.06114	0.1953346	2.6291785	63754
(88135)	14.4	101.14687	58.24081	154.82586	12.24253	0.0933851	3.0783368	63736	(88187)	15.2	336.72640	16.90576	10.79576	13.02545	0.2941799	2.6432630	63755
(88136)	15.3	339.68979	356.70170	333.04469	7.70954	0.1390443	2.8144195	63736	(88188)	16.0	39.59137	194.79408	340.36075	11.39112	0.3929350	2.0068752	63755
(88137)	13.7	266.16301	338.62887	115.54620	14.04703	0.0990502	2.6623328	63737	(88189)	14.3	311.19896	318.87735	51.28854	16.66652	0.0367749	3.1420508	63758
(88138)	14.9	315.84451	294.97431	89.71562	17.04994	0.2155118	2.6440845	63737	(88190)	14.4	343.00964	232.74446	174.26147	6.06323	0.2896562	2.5734202	63759
(88139)	14.3	276.99413	294.99959	123.79356	17.51169	0.2117087	2.8448344	63737	(88191)	16.6	49.23990	308.75279	238.30808	9.21563	0.2122597	2.0123950	63759
(88140)	13.5	135.96068	69.72473	94.04002	14.21396	0.1881199	3.1245447	63738	(88192)	13.8	283.79727	308.09224	101.66856	12.56575	0.1215550	2.9672421	63759
(88141)	13.9	182.18078	37.02835	83.46574	21.11372	0.0200873	3.0567948	63738	(88193)	15.0	325.90730	260.12799	112.65552	2.98193	0.1887507	2.8891841	63760
(88142)	13.1	183.76880	34.37443	101.04280	22.11293	0.1949856	3.1752508	63739	(88194)	14.2	249.82501	331.02702	98.63878	11.51607	0.1371903	3.1795995	63760
(88143)	15.2	248.63223	294.37733	127.21822	17.12296	0.1099266	3.0694987	63739	(88195)	14.6	274.71993	310.50833	101.75688	10.37946	0.0812262	3.1237393	63760
(88144)	14.9	305.72716	263.55037	126.38362	14.49802	0.1865209	2.7021170	63739	(88196)	14.7	294.02815	140.93727	248.29446	2.74634	0.1357263	3.0232853	63761
(88145)	16.0	313.41458	225.25975	151.24931	13.42799	0.1941119	2.7189589	63740	(88197)	16.1	8.67415	96.78636	136.29042	23.78844	0.0569868	1.9595710	63761
(88146)	15.8	238.92279	94.95854	353.50157	1.34403	0.0665446	2.9325673	63740	(88198)	15.7	321.59411	126.74601	229.31897	5.47252	0.2734214	2.8524864	63761
(88147)	14.9	267.33333	318.15060	108.51170	3.12949	0.0515050	2.8820715	63740	(88199)	15.1	313.72531	102.83771	264.26980	8.86516	0.1171209	2.9632942	63762
(88148)	14.4	277.10808	243.02034	89.64978	14.21663	0.1966264	3.2030673	63741	(88200)	15.2	276.73570	321.61787	84.97075	1.35833	0.1789238	2.9916165	63762
(88149)	14.2	341.22978	305.38390	11.45902	16.60828	0.0119695	3.0938991	63741	(88201)	13.4	159.50336	54.98182	99.82243	22.65784	0.0131368	3.2420851	63762
(88150)	14.7	312.30995	91.14855	294.56041	12.00310	0.2223602	2.7312097	63741	(88202)	14.3	356.51528	215.87612	112.78059	5.96318	0.1468004	3.2114495	63763
(88151)	14.0	323.22887	2.19930	349.57158	10.13794	0.0385892	2.9625554	63742	(88203)	15.1	354.93394	47.79552	334.06080	2.47226	0.2646745	2.5935381	63763
(88152)	13.9	164.39864	140.99785	0.51816	9.98506	0.0348284	3.1379762	63742	(88204)	14.1	246.80281	358.86853	93.08958	6.67593	0.1282784	3.1266396	63763
(88153)	13.8	268.03524	119.75899	296.88138	8.81131	0.0393559	2.9700326	63743	(88205)	14.1	310.76467	242.26758	117.56245	14.94232	0.0681576	3.5024628	63763
(88154)	14.5	320.52076	340.53338	13.93904	10.61895	0.1213688	2.9671542	63743	(88206)	16.4	269.15978	210.68279	119.45210	23.84447	0.0619257	1.9142132	63764
(88155)	13.7	231.58970	166.07976	288.60462	26.35609	0.1071417	3.1520307	63743	(88207)	15.2	58.22324	357.37731	251.34325	8.44098	0.0148842	3.1338607	63764
(88156)	14.9	317.18118	29.28947	10.03561	9.46147	0.2597975	2.8004582	63744	(88208)	15.1	333.98255	259.35619	117.17237	13.75193	0.1888768	2.5724068	63764
(88157)	14.6	234.79905	148.27171	291.74888	10.09649	0.0900854	3.0923700	63744	(88209)	14.8	299.44194	282.68513	130.06237	15.48062	0.1448019	2.6382274	63765
(88158)	13.3	17.98641	36.91485	281.73936	21.30305	0.1533330	3.1868122	63744	(88210)	14.7	291.46761	293.98277	106.30425	13.43576	0.2338571	3.0816542	63765
(88159)	14.7	329.95793	58.17203	322.18532	6.31819	0.1504977	2.7557434	63744	(88211)	14.8	275.56150	306.67824	93.98252	10.06821	0.1007756	3.1057409	63765
(88160)	14.3	11.35146	355.49832	318.88618	12.39244	0.2394245	2.7028934	63745	(88212)	14.7	237.97253	276.41617	161.13399	14.56809	0.1919276	3.0771333	63765
(88161)	12.6	312.14104	71.33520	298.59737	14.04305	0.2558326	2.8003810	63745	(88213)	19.1	46.52718	194.93147	114.33086	17.81577	0.5952781	0.9539709	63766
(88162)	15.5	339.82869	38.56967	314.88446	8.54868	0.2302841	2.7266765	63746	(88214)	13.5	332.82615	84.21722	247.30307	20.24834	0.1939982	3.0951206	63766
(88163)	14.7	226.39977	151.19524	282.84711	14.00936	0.0719212	3.2056684	63746	(88215)	14.8	4.59014	55.98005	302.46879	11.74885	0.1584839	2.7595589	63766
(88164)	14.5	307.17807	87.99248	312.82068	10.01481	0.1856203	2.7611255	63746	(88216)	15.8	313.71617	66.32523	349.38847	11.73608	0.1632117	2.7964590	63767
(88165)	14.0	316.84287	94.17416	295.82824	12.71666	0.2365971	2.7305202	63747	(88217)	13.5	298.91729	284.78784	66.31516	16.19265	0.2593195	3.1260592	63767

(88218)	14.0	257.13330	141.38583	306.23888	8.93530	0.0574471	2.9617328	63767	(88270)	15.5	342.58019	150.65087	104.24144	6.15234	0.0447982	2.5282934	63784
(88219)	14.6	286.96700	9.37099	60.49621	6.68622	0.0415265	2.8842760	63767	(88271)	14.2	68.57105	242.66931	274.12409	12.57058	0.0927441	2.5789096	63784
(88220)	15.0	288.55379	292.67259	122.33966	10.12960	0.2324982	2.8042856	63768	(88272)	16.3	37.21019	301.70190	269.21486	7.18560	0.0802376	2.2337470	63785
(88221)	15.0	42.25701	342.22077	50.15543	6.66978	0.1227735	2.4171444	63768	(88273)	16.2	329.79924	68.41554	222.37194	6.50710	0.1691077	2.2451949	63785
(88222)	15.0	293.48237	278.21066	129.53579	8.33094	0.2345255	2.8060294	63768	(88274)	15.9	256.04280	148.68131	223.08644	8.31412	0.2231760	2.3496503	63786
(88223)	14.7	283.63956	152.63667	254.65061	11.59615	0.1978441	3.0639646	63769	(88275)	16.3	301.21013	288.60723	31.83609	7.37223	0.1446894	2.2676271	63786
(88224)	14.2	313.45342	257.33311	130.17351	10.33041	0.1017363	3.1004447	63769	(88276)	16.0	308.23178	177.42641	161.78388	5.78591	0.2036486	2.2451843	63786
(88225)	11.6	154.91053	301.46188	135.02220	35.10771	0.0672653	5.2031198	63769	(88277)	16.0	293.15107	143.71616	198.13130	6.49962	0.1518920	2.3122718	63787
(88226)	15.5	57.18321	330.54166	220.07194	19.69099	0.0751215	1.9207497	63770	(88278)	15.6	308.58973	89.10791	239.26137	6.37393	0.1345846	2.2923277	63787
(88227)	12.8	166.13230	180.53461	249.76638	9.85239	0.0641204	5.1520212	63770	(88279)	15.6	298.75934	53.27840	271.90959	5.17428	0.1564816	2.3336325	63788
(88228)	13.6	308.04896	121.52124	270.92586	11.95905	0.0948176	3.2203695	63770	(88280)	16.0	315.04735	37.43438	287.43572	3.72479	0.1949819	2.2236715	63788
(88229)	12.3	32.93006	89.60209	97.89500	8.77204	0.0140366	5.2827911	63771	(88281)	16.0	297.11719	147.92892	191.15507	8.69596	0.1880412	2.2776801	63789
(88230)	12.3	47.15048	7.34223	258.21837	7.34647	0.1514753	3.9834825	63771	(88282)	15.8	233.01644	323.68451	44.66841	2.91213	0.2061043	2.4489586	63789
(88231)	15.0	285.39619	294.04943	121.81171	2.18548	0.1678780	3.1564825	63771	(88283)	17.0	302.93566	272.18794	39.17187	4.53664	0.1923112	2.2754603	63789
(88232)	14.1	243.51024	327.64451	150.67622	13.62381	0.0880415	3.1612646	63772	(88284)	16.2	296.38094	58.92152	270.31883	1.22198	0.2278784	2.3228717	63790
(88233)	13.8	29.28886	35.71805	295.25876	25.99685	0.1757164	3.1611177	63772	(88285)	15.9	303.35731	271.55224	55.51592	1.03354	0.2306435	2.2931102	63790
(88234)	15.2	288.05257	348.61565	60.61536	1.52977	0.3682352	3.0114533	63772	(88286)	15.7	308.59322	21.00306	294.00602	3.39598	0.1832955	2.2555264	63791
(88235)	14.0	284.41290	275.00087	132.57964	21.83139	0.3083487	3.1246009	63772	(88287)	16.9	343.62360	29.61076	250.43206	5.49557	0.1983383	2.2139732	63791
(88236)	13.0	262.63202	111.62210	328.46667	21.15995	0.1112707	3.1960527	63773	(88288)	16.0	283.53029	47.39770	291.54799	1.19144	0.2283433	2.3585685	63792
(88237)	12.9	247.20317	262.01527	119.78262	12.13977	0.2251318	3.9952188	63773	(88289)	15.9	314.15106	22.19856	288.08688	3.57174	0.1776372	2.2259866	63792
(88238)	13.8	346.55762	31.90509	330.77526	14.70687	0.1635546	3.1985408	63773	(88290)	16.6	1.90380	95.04024	174.33010	2.74723	0.1478097	2.1510813	63792
(88239)	14.4	139.24516	185.88276	84.36608	11.53247	0.0827028	3.0583492	63774	(88291)	16.7	335.46771	4.49833	290.50305	4.60391	0.1702763	2.1974384	63793
(88240)	13.4	112.60604	290.71035	188.21152	11.45285	0.0374476	5.2768920	63774	(88292)	17.0	307.14193	305.35413	20.58121	2.86125	0.2518162	2.2292240	63793
(88241)	12.7	1.40797	280.68656	317.76791	5.19842	0.0305320	5.1920456	63774	(88293)	15.4	299.45841	238.95695	97.95184	6.58192	0.2100616	2.2296359	63793
(88242)	15.6	47.89310	97.39274	126.74558	24.37803	0.0383843	1.9447265	63775	(88294)	17.0	293.44637	284.27330	39.83951	3.55365	0.0790168	2.2785939	63794
(88243)	15.9	128.30784	41.25213	81.43087	23.17096	0.0701879	1.9206512	63775	(88295)	16.2	260.82401	202.08674	164.92299	6.39295	0.1452340	2.2753886	63794
(88244)	16.0	278.76552	18.42655	155.64930	3.48326	0.1218802	2.6152466	63776	(88296)	15.4	319.70846	206.88241	100.59194	8.36997	0.1862089	2.2303055	63794
(88245)	12.9	166.87744	308.80029	124.89411	8.80511	0.1155771	5.2547839	63776	(88297)	16.9	342.56816	53.43943	237.33527	4.24179	0.1608750	2.1667934	63795
(88246)	13.6	68.38074	113.42281	131.73512	17.07387	0.0858019	3.9943987	63776	(88298)	13.9	78.92162	227.00369	276.87220	16.87040	0.1098333	2.5865748	63795
(88247)	14.2	358.54254	291.34943	74.13315	2.56458	0.1707087	3.1248676	63776	(88299)	15.5	253.67544	215.60711	158.39422	2.39789	0.2277297	2.4320442	63795
(88248)	13.6	327.79964	25.92732	354.90825	18.01602	0.1419174	3.1642870	63777	(88300)	15.0	140.18739	136.51519	316.58050	10.41252	0.1443311	2.7036731	63796
(88249)	16.3	356.86929	100.77804	173.43056	23.49830	0.0861560	1.9117606	63777	(88301)	16.4	11.49572	359.84384	230.80990	9.43363	0.1644839	2.3003240	63797
(88250)	16.1	165.10089	4.37083	152.72626	24.36820	0.0319304	1.8124577	63777	(88302)	16.3	8.83874	125.57973	93.90619	4.15173	0.1069061	2.3400409	63797
(88251)	15.4	149.73270	253.57713	217.37803	21.56340	0.0951441	1.9246096	63778	(88303)	15.9	288.91786	122.60551	224.56127	6.57611	0.1438071	2.2945896	63797
(88252)	14.3	328.66611	47.97706	2.65255	18.15981	0.1534623	3.1531411	63778	(88304)	16.1	268.56357	117.68875	239.94398	1.67323	0.1891006	2.3795222	63798
(88253)	12.7	159.51972	130.33828	48.09963	9.36776	0.1254687	3.9729094	63779	(88305)	15.0	267.85917	121.11878	230.18064	4.24006	0.1108065	2.3600475	63798
(88254)	17.3	251.87381	139.61533	272.66702	1.52238	0.6295100	1.1818518	63779	(88306)	16.1	319.20771	75.60027	227.97579	4.19396	0.1571123	2.2845404	63799
(88255)	15.3	148.06636	18.10137	245.21584	4.14025	0.1300079	3.1984439	63779	(88307)	16.4	294.16539	212.08700	107.03682	7.21157	0.1371218	2.3044723	63799
(88256)	15.9	330.84661	131.13991	181.06951	22.13979	0.0824955	1.9535146	63780	(88308)	16.1	280.89394	261.27991	86.09199	3.17118	0.2257022	2.3687594	63799
(88257)	16.1	169.51874	289.91309	158.84018	23.60031	0.1053016	1.9342242	63780	(88309)	17.1	234.12388	102.24671	231.67914	1.26508	0.0733254	2.5543272	63800
(88258)	15.6	89.84287	10.85217	155.43542	24.01063	0.0679797	1.9872742	63780	(88310)	15.7	36.39767	337.15568	226.35737	4.97168	0.1036235	2.2893922	63800
(88259)	15.1	109.47255	290.27421	227.02798	20.18490	0.0645233	1.9350628	63780	(88311)	16.0	282.24026	202.72622	142.23403	6.94003	0.1355805	2.2612757	63800
(88260)	15.9	209.59057	219.46309	63.66155	13.80108	0.1332631	2.5941546	63781	(88312)	16.4	320.06760	122.22263	205.35597	1.82019	0.2482363	2.2456705	63801
(88261)	16.6	349.35792	357.02077	216.47964	2.01857	0.1161669	2.2718843	63781	(88313)	15.9	299.82978	223.17684	151.76001	4.52729	0.1761515	2.1957597	63801
(88262)	15.1	171.11936	185.59346	92.56256	2.17977	0.1419219	3.1015381	63782	(88314)	16.5	286.63626	310.84801	36.80625	8.00618	0.1957456	2.2628875	63802
(88263)	15.3	77.29355	241.39933	233.03284	38.85577	0.4312323	2.0964071	63782	(88315)	16.4	308.72126	215.00597	93.70232	7.60057	0.1183927	2.2991865	63802
(88264)	17.3	341.60288	201.28457	105.05991	12.08580	0.4529488	2.1474899	63782	(88316)	16.6	32.92273	100.80045	105.82148	6.76668	0.1399402	2.2703445	63802
(88265)	15.3	332.91484	154.03032	92.55800	24.04361	0.1567881	2.2895502	63783	(88317)	16.4	271.07479	340.01518	357.22908	7.08730	0.1352854	2.3853761	63802
(88266)	16.0	261.77323	296.71839	62.33626	1.82767	0.0910170	2.1131582	63783	(88318)	15.6	285.47173	247.73432	13.75925	11.39889	0.1294330	2.6686619	63803
(88267)	6.7	85.44786	40.26704	113.20067	0.49671	0.0277985	43.0805054	63784	(88319)	16.0	336.19761	262.64428	28.40890	6.95101	0.1466765	2.2466313	63803
(88268)	6.3	302.74120	223.70514	86.96772	1.88595	0.0150446	42.5356955	63784	(88320)	16.4	333.24772	22.95351	313.73854	2.55216	0.1520994	2.1793714	63803
(88269)	9.5	325.61338	265.49421	14.56855	4.35076	0.2391945	26.0652589	63784	(88321)	16.7	352.04218	130.31270	183.21570	5.33302	0.2015503	2.1618165	63804

(88322)	15.8	306.80028	351.01782	325.82302	2.97781	0.1545151	2.3948384	63804	(88374)	15.5	141.09779	111.31016	324.50549	1.87032	0.1549859	2.6929920	63825
(88323)	15.3	265.98723	146.63965	218.84696	5.61866	0.2234168	2.3263317	63804	(88375)	15.6	92.47391	224.75240	322.24498	4.74515	0.1255826	2.2559045	63825
(88324)	16.7	330.20917	5.80728	273.20988	5.32794	0.1756423	2.2836494	63805	(88376)	16.3	280.26894	159.79419	163.95449	1.79816	0.0980050	2.4700899	63825
(88325)	16.4	338.38694	357.62562	295.00579	5.93058	0.1705437	2.2312467	63805	(88377)	15.9	176.69769	200.42580	199.62253	4.55446	0.1624535	2.7062237	63825
(88326)	15.4	196.28538	338.87856	78.67787	7.38187	0.1264010	2.4206827	63806	(88378)	16.8	297.39957	294.50099	40.56069	7.58038	0.1798636	2.2580527	63826
(88327)	14.5	201.08912	298.97010	68.76989	13.87783	0.1534037	2.8546395	63806	(88379)	14.1	117.01360	252.69115	237.11548	9.16937	0.2158705	2.6078672	63826
(88328)	15.5	277.78876	85.98362	258.26134	5.33037	0.1460819	2.4498758	63806	(88380)	14.5	156.96962	136.41097	295.01858	8.02781	0.1463101	2.7693625	63827
(88329)	15.4	244.35268	241.20778	128.93869	5.14746	0.2230569	2.5523261	63807	(88381)	16.8	12.88154	211.26642	25.99273	6.10956	0.1270967	2.2856829	63827
(88330)	16.4	321.12022	346.42515	354.48241	3.62551	0.1641195	2.2274135	63807	(88382)	14.1	340.60418	1.34740	261.61317	14.35694	0.0597376	2.5616702	63827
(88331)	15.8	338.79949	44.72773	211.38015	3.48523	0.0916825	2.3982677	63808	(88383)	14.4	58.46917	174.37844	4.19804	8.36029	0.0788238	2.5173849	63828
(88332)	16.7	358.70811	46.35289	219.66624	4.10012	0.1444491	2.1761720	63808	(88384)	16.8	278.61779	178.97058	170.35880	6.81167	0.1281561	2.3449607	63828
(88333)	15.9	205.06333	321.30952	83.35857	3.91991	0.1882084	2.4735970	63808	(88385)	14.9	200.33947	229.23611	181.60512	21.64643	0.0949076	2.5826147	63828
(88334)	15.3	220.19134	173.94070	223.39476	5.89370	0.1679309	2.3779229	63809	(88386)	16.5	313.30933	253.85096	65.89240	3.26388	0.2170868	2.3582635	63829
(88335)	13.9	185.09146	291.80122	44.01322	14.33529	0.1465194	3.1762531	63809	(88387)	16.6	313.23036	124.41934	170.68774	2.63769	0.0877182	2.3708521	63829
(88336)	16.3	266.95945	189.68638	154.48949	1.41859	0.2372037	2.3840400	63809	(88388)	15.6	184.15762	333.37235	86.17620	4.67091	0.1784405	2.5397479	63830
(88337)	15.5	351.98288	328.73930	273.90383	2.14442	0.1356656	2.3246749	63810	(88389)	14.4	104.39205	155.21612	329.97216	9.80557	0.1270438	2.5494170	63830
(88338)	15.6	315.00615	92.13739	223.83659	5.22831	0.1372794	2.3111270	63810	(88390)	16.5	312.22309	161.05625	161.79131	3.30609	0.2586040	2.2554162	63830
(88339)	16.1	288.94264	242.80686	107.84271	3.30850	0.2541779	2.3209663	63811	(88391)	15.2	291.89005	336.98674	338.55085	6.18287	0.1154507	2.4133213	63831
(88340)	16.1	289.78473	53.54920	333.50971	6.49457	0.1671853	2.1853573	63811	(88392)	15.5	264.20277	206.96131	152.31815	2.96238	0.1951833	2.3936543	63831
(88341)	16.1	260.47565	68.82403	295.30862	2.17153	0.1877627	2.4286860	63812	(88393)	14.7	177.79197	270.00506	164.67109	10.42497	0.2003107	2.6065772	63832
(88342)	16.3	268.92603	174.40388	166.50157	7.12540	0.1953590	2.4679081	63812	(88394)	16.5	313.11750	300.05247	10.38365	5.11147	0.1994432	2.2984155	63832
(88343)	15.5	292.65495	274.82954	102.14697	3.96134	0.1752089	2.2459984	63812	(88395)	15.5	286.61197	267.46281	63.78364	3.08152	0.2266379	2.3698632	63833
(88344)	16.6	268.66808	181.71791	188.09902	0.86187	0.2035426	2.3841269	63813	(88396)	15.8	233.71500	227.26026	140.24361	3.42981	0.1501328	2.5581779	63833
(88345)	15.4	264.32701	24.03307	334.87866	7.55761	0.2474305	2.4575875	63813	(88397)	16.3	14.47897	235.09307	5.56039	7.22088	0.1399533	2.2814731	63833
(88346)	16.1	315.49500	162.78168	151.61571	7.57942	0.1407102	2.3286205	63814	(88398)	14.7	265.25298	335.55599	345.77557	9.40136	0.1150807	2.6385324	63834
(88347)	16.6	316.61447	101.65371	213.56104	4.12363	0.1942848	2.3071008	63814	(88399)	16.0	342.30877	34.55748	300.87850	2.34519	0.1665263	2.1476490	63834
(88348)	16.6	283.22026	249.90583	91.73698	10.42465	0.0829965	2.2791974	63815	(88400)	15.9	259.37583	348.04992	359.13325	2.78054	0.2587303	2.5780566	63835
(88349)	14.8	130.89581	10.69315	89.41109	12.33091	0.1849308	2.6218754	63815	(88401)	16.4	303.60142	2.60121	7.98451	6.60411	0.1806941	2.1808630	63835
(88350)	15.6	247.75490	307.36122	350.93485	8.65255	0.0709571	2.6828590	63815	(88402)	15.1	227.94588	203.37810	133.34862	9.09812	0.2258745	2.7914296	63836
(88351)	16.8	312.87632	233.82242	69.50211	7.80533	0.1465994	2.3068659	63816	(88403)	16.1	326.71306	192.27923	113.51043	5.64325	0.1159891	2.2996992	63836
(88352)	15.7	281.98964	187.01262	165.75023	6.63185	0.1376299	2.3843083	63816	(88404)	16.3	282.15494	292.40288	33.87016	2.56159	0.2187649	2.4429212	63836
(88353)	16.2	261.86542	318.24631	44.68456	3.10072	0.2307677	2.3628526	63816	(88405)	14.0	221.84831	11.80719	11.88348	13.22375	0.1740596	2.6962339	63837
(88354)	15.8	321.11620	56.14883	267.25353	5.46517	0.1570680	2.2971483	63817	(88406)	15.5	278.30049	310.60237	49.13206	2.95124	0.2320207	2.4182093	63838
(88355)	17.1	338.89530	319.95558	320.67916	2.30971	0.1296528	2.2671168	63817	(88407)	14.9	178.28468	263.33968	130.40201	1.24712	0.2306456	3.0707990	63838
(88356)	15.6	242.82124	63.54101	303.71846	5.06588	0.1388642	2.4001604	63817	(88408)	15.8	288.65101	321.05826	25.83856	2.94261	0.2102731	2.4118838	63839
(88357)	17.3	299.73251	209.70614	116.18925	2.23463	0.2143801	2.2789122	63818	(88409)	15.8	325.74669	149.27358	174.57339	4.07187	0.1847934	2.3064764	63839
(88358)	15.5	285.76655	320.95830	17.72962	3.65554	0.2490704	2.3202956	63818	(88410)	15.5	286.50751	216.10614	184.27923	4.81501	0.2582351	2.2488912	63840
(88359)	14.3	167.13939	316.41527	110.10176	17.46473	0.1709918	2.7004708	63818	(88411)	16.5	346.99810	127.66362	196.14885	4.02497	0.2213820	2.1872055	63840
(88360)	15.6	279.73664	161.22319	197.69441	27.23670	0.1741027	2.4186305	63819	(88412)	16.4	6.09931	296.94426	4.03105	4.04297	0.2955912	2.1430931	63841
(88361)	15.2	199.32561	263.05059	116.93086	15.27909	0.2176101	2.7172468	63819	(88413)	14.4	234.17015	262.09562	128.37423	3.74746	0.2547944	2.6837622	63842
(88362)	16.2	342.88794	63.40496	214.57046	4.27768	0.1085911	2.2828225	63820	(88414)	16.0	344.72686	85.05998	187.20534	6.02684	0.2098391	2.2984356	63842
(88363)	15.6	326.77000	63.32738	232.79472	5.26486	0.2154731	2.3567881	63820	(88415)	15.4	125.82530	229.29135	260.93098	7.43230	0.1032805	2.3250106	63843
(88364)	16.2	282.84540	96.29722	258.72990	3.91604	0.2264118	2.2363960	63821	(88416)	16.3	324.05501	159.27389	118.09434	6.16775	0.1254534	2.3250652	63843
(88365)	15.8	290.47071	112.47240	202.13406	5.24654	0.1445255	2.3967432	63821	(88417)	15.2	210.93185	233.64836	141.82359	12.16444	0.0546331	2.5610208	63843
(88366)	16.4	41.67972	236.36728	6.16883	4.04705	0.1155111	2.1911669	63821	(88418)	15.0	199.67683	4.69574	22.06927	2.23878	0.2189683	2.6821340	63844
(88367)	15.2	295.13773	32.29705	296.48141	5.79332	0.1219896	2.3888627	63822	(88419)	16.6	289.51223	332.61638	351.84593	5.79348	0.1159169	2.3553601	63844
(88368)	15.9	282.94603	357.93792	346.62734	3.92649	0.2083387	2.3417521	63822	(88420)	16.1	259.33410	295.22638	76.61847	3.21990	0.2300587	2.3790999	63844
(88369)	15.6	263.71102	243.97823	92.76853	9.83527	0.0782925	2.4765190	63823	(88421)	16.1	26.21950	212.44655	51.21065	4.16277	0.1057104	2.1601070	63845
(88370)	16.0	344.89321	147.94758	150.70397	6.38434	0.2049730	2.1992578	63823	(88422)	16.4	308.85824	184.99839	122.97959	3.69323	0.1825124	2.3434716	63845
(88371)	15.8	263.07701	152.39315	205.72907	1.80676	0.1868846	2.3917558	63823	(88423)	14.6	260.30919	109.91411	148.08438	12.31258	0.0322802	3.1036371	63845
(88372)	17.0	329.72451	243.61012	60.64184	7.77555	0.1691200	2.2215405	63824	(88424)	15.3	293.53131	280.86308	120.10555	22.47711	0.2893306	2.1905678	63846
(88373)	15.3	28.84218	301.73213	283.82873	6.05475	0.0684300	2.3304930	63824	(88425)	15.8	20.11116	278.29645	306.60859	5.99969	0.0683365	2.3390001	63846

(88426)	14.5	190.00015	261.92500	153.21664	11.77022	0.2512085	2.6342349	63846	(88478)	16.2	339.34200	64.15839	212.95688	6.62146	0.1006918	2.3770358	63869
(88427)	16.0	254.38711	193.49153	177.17439	2.91293	0.2392786	2.4168436	63847	(88479)	16.7	330.33972	258.63418	33.14154	2.77152	0.1659944	2.3142513	63869
(88428)	16.4	303.41396	153.02142	193.62344	2.30968	0.2066429	2.2481758	63847	(88480)	16.0	311.61424	185.50379	153.55232	7.24496	0.1545382	2.3136677	63870
(88429)	16.2	338.41495	125.44109	177.18821	6.33151	0.1966352	2.2320416	63848	(88481)	16.1	281.87094	250.70914	95.45723	5.04811	0.1085102	2.2685425	63870
(88430)	16.6	319.79133	151.97553	181.60024	7.61018	0.2321674	2.3014782	63848	(88482)	15.4	173.89424	23.12953	22.08775	3.08820	0.0964780	2.6560810	63870
(88431)	15.6	336.47358	106.47230	190.70564	6.01063	0.1345875	2.2807204	63849	(88483)	16.1	359.71323	216.34762	42.52329	4.60638	0.1175131	2.3104530	63871
(88432)	15.5	256.74264	204.07079	174.15092	12.60776	0.2236106	2.4575031	63849	(88484)	15.1	206.83277	137.45138	253.11747	7.45817	0.1804430	2.5586356	63871
(88433)	15.7	290.92279	137.34153	208.62738	1.72998	0.2599482	2.3691559	63850	(88485)	15.9	271.78793	99.66864	250.95596	4.89601	0.1483198	2.3599185	63871
(88434)	16.3	2.82768	91.70024	183.16854	6.67792	0.1699432	2.2474395	63850	(88486)	16.3	15.96603	57.76507	193.98390	6.62918	0.0910319	2.2645697	63872
(88435)	14.3	270.45651	15.03623	321.58397	14.52911	0.1359078	2.5319512	63851	(88487)	16.5	316.26697	33.65682	283.82123	5.16621	0.1400815	2.2700114	63872
(88436)	15.8	240.09254	164.65729	218.39256	5.82929	0.1416537	2.4583150	63851	(88488)	15.0	176.37043	181.55021	233.75440	5.72511	0.1687069	2.6956723	63872
(88437)	15.9	267.90654	120.60880	223.83808	5.64528	0.1580317	2.4687660	63852	(88489)	15.9	287.59163	215.17440	127.86460	5.92632	0.2021803	2.3758764	63873
(88438)	16.1	344.90094	69.16154	213.60839	5.80094	0.1042272	2.3096269	63852	(88490)	15.9	208.49622	165.73951	291.37003	7.37563	0.0590790	2.1861374	63873
(88439)	16.2	358.13997	334.88669	344.72148	3.18853	0.1822726	2.1799455	63853	(88491)	15.8	300.84274	83.02902	248.95681	6.96038	0.2255309	2.3857616	63874
(88440)	15.2	264.93489	118.10153	226.14000	1.70981	0.0955470	2.6924864	63853	(88492)	14.5	214.78734	114.10077	275.43928	11.95888	0.1643432	2.6772530	63874
(88441)	14.3	229.94054	199.48023	202.58419	14.47443	0.0857447	2.6079669	63854	(88493)	16.0	353.48593	14.17293	293.20430	5.31094	0.1891162	2.2371172	63874
(88442)	15.6	274.60865	158.41946	239.09904	1.30461	0.1985589	2.3730028	63854	(88494)	14.6	161.93569	203.17487	308.08946	5.92820	0.0567477	2.3189155	63875
(88443)	15.3	291.73525	200.22421	202.45600	6.69012	0.1069774	2.2752628	63855	(88495)	15.7	301.16475	319.45465	343.54231	13.61147	0.2192744	2.5633153	63876
(88444)	14.8	262.35801	137.74973	206.55661	8.09124	0.2085670	2.7405116	63855	(88496)	14.9	281.07587	352.92130	347.10451	12.86979	0.1629267	2.5351688	63876
(88445)	15.5	289.25001	348.63120	45.03813	3.66152	0.2243015	2.3268876	63856	(88497)	14.0	160.87215	181.83880	243.25701	8.56159	0.0715770	2.9914379	63876
(88446)	14.5	8.76295	282.78679	308.13690	12.04572	0.1254901	2.5839102	63856	(88498)	14.4	215.39115	27.54935	345.80441	11.23926	0.0487041	2.9224336	63877
(88447)	15.6	330.73440	78.55308	253.79091	3.86477	0.2289865	2.2176259	63857	(88499)	14.3	202.59001	49.48699	331.59084	11.38962	0.1917393	2.9484365	63877
(88448)	15.0	196.27132	171.48029	299.83680	7.27739	0.0208632	2.2832065	63857	(88500)	14.9	235.92814	154.45024	290.55753	8.29663	0.2490866	2.3909882	63878
(88449)	15.5	312.16731	77.07826	298.57853	5.57168	0.1645535	2.2078503	63858	(88501)	15.4	310.15046	56.14965	266.39868	7.97382	0.2353117	2.4090688	63878
(88450)	15.6	318.63354	61.85144	300.45534	5.51530	0.1679929	2.2240342	63858	(88502)	14.7	197.04639	133.42298	333.48610	12.89781	0.1603725	2.4466453	63879
(88451)	15.1	224.35556	170.95847	205.39619	13.27528	0.1301570	2.5972719	63858	(88503)	14.2	213.03220	172.32930	240.02991	14.87104	0.1074209	2.6695842	63879
(88452)	14.1	234.28695	305.76227	72.40579	15.31877	0.1936637	2.7339272	63859	(88504)	14.9	258.88283	154.22622	266.98372	6.03711	0.0895203	2.3220994	63880
(88453)	15.4	278.69932	91.30215	329.09278	23.18792	0.2940606	2.2565415	63859	(88505)	15.1	320.26066	16.94320	334.82677	10.68279	0.0309792	2.3074371	63880
(88454)	15.0	165.71531	49.64164	23.75933	9.91185	0.0817074	2.5747572	63860	(88506)	15.1	288.36285	124.70287	259.81543	6.96822	0.1365537	2.3208974	63881
(88455)	16.3	235.95005	21.69304	335.95824	1.60333	0.1550459	2.6453506	63860	(88507)	15.7	358.63695	260.58871	52.42533	4.08947	0.2003482	2.1825882	63881
(88456)	15.7	223.11973	127.03207	189.38021	1.13314	0.1427812	3.0589683	63860	(88508)	16.3	319.94424	274.70222	89.42788	6.96734	0.1265873	2.3083736	63882
(88457)	16.6	325.31235	153.00115	167.92238	4.85966	0.1703112	2.2652642	63861	(88509)	15.2	103.58989	146.97240	333.40465	12.42390	0.1233055	2.5447570	63882
(88458)	15.4	102.02388	326.39750	155.58612	4.46134	0.2364197	2.5877388	63861	(88510)	15.5	250.52983	284.47041	73.98950	5.71957	0.1508330	2.6257071	63882
(88459)	16.3	33.95268	55.11671	150.67534	6.59428	0.0371178	2.3999508	63861	(88511)	15.9	217.31332	146.89743	233.08152	8.02580	0.1947493	2.5820936	63883
(88460)	15.6	333.55759	116.83291	220.38304	3.25877	0.2237398	2.1900823	63862	(88512)	16.1	313.99980	263.58333	104.12548	8.06851	0.2436092	2.2206024	63883
(88461)	15.8	259.28033	149.31796	204.01913	2.53598	0.1914396	2.4034463	63862	(88513)	15.3	86.12954	256.31999	254.09405	6.77784	0.1429250	2.5236971	63883
(88462)	14.2	244.26273	115.81706	321.25346	5.49762	0.2290040	2.4407731	63863	(88514)	16.2	263.55281	98.55494	259.80788	2.54830	0.1584002	2.4031159	63884
(88463)	16.4	302.29806	200.38194	148.93715	5.83073	0.1803448	2.2601225	63863	(88515)	16.2	292.06919	157.92105	178.74616	6.61282	0.1359542	2.3295888	63884
(88464)	16.3	303.93830	231.73749	103.83391	3.27510	0.2039722	2.3807773	63864	(88516)	17.2	268.61586	8.44595	349.68290	0.88466	0.1967728	2.3767766	63885
(88465)	14.8	112.06257	217.61310	253.39998	14.11206	0.1167426	2.6586872	63864	(88517)	16.0	152.99504	309.72846	143.54424	5.40833	0.0828206	2.5200487	63885
(88466)	14.5	201.73211	239.45111	195.26854	21.57832	0.0844161	2.6613475	63864	(88518)	16.6	306.75394	160.06816	147.99784	2.52300	0.2197377	2.3423423	63885
(88467)	14.7	223.76514	7.98035	11.60554	13.91029	0.1516510	2.6888387	63865	(88519)	15.1	171.60382	200.08686	227.89756	8.56650	0.1577223	2.9212045	63886
(88468)	16.3	345.24226	203.54922	98.58455	8.33837	0.2358304	2.1906764	63865	(88520)	14.8	138.03650	48.07221	36.74708	5.95139	0.1176955	2.6545350	63886
(88469)	15.2	129.59450	221.47663	339.87498	19.70000	0.1054534	1.9382017	63866	(88521)	14.1	223.84704	347.34686	44.33442	14.40015	0.1907165	2.8647452	63886
(88470)	15.7	274.72877	27.24265	268.10294	3.92141	0.1539221	2.6187204	63866	(88522)	16.5	185.41068	199.18930	207.35742	6.79490	0.1837004	2.5975818	63887
(88471)	15.8	46.36283	271.80341	281.31062	7.70365	0.0533285	2.5598203	63866	(88523)	16.2	207.66819	126.85230	250.56669	1.17662	0.1059643	2.6622858	63887
(88472)	14.7	19.70865	222.16580	48.70617	15.17832	0.0785260	2.5605087	63867	(88524)	15.6	302.82695	211.74575	103.17278	8.14146	0.1325712	2.3492609	63888
(88473)	15.1	210.75964	38.79169	335.47674	2.37694	0.0889938	2.9933990	63867	(88525)	16.1	230.42873	117.81130	261.61317	3.19189	0.1090471	2.5299232	63888
(88474)	16.1	287.15463	227.88454	171.22268	0.87110	0.2216432	2.3331302	63867	(88526)	17.0	156.55994	121.50038	301.12139	1.17381	0.0749351	2.6422439	63888
(88475)	16.1	289.46585	226.28187	110.49395	4.62567	0.1810804	2.5388975	63868	(88527)	15.8	310.75539	134.79252	241.99108	5.55714	0.1197233	2.2954826	63889
(88476)	16.7	250.94472	143.66524	225.46913	5.34623	0.1369008	2.4621818	63868	(88528)	14.2	290.61433	94.98943	243.63320	13.41916	0.1132718	2.6444446	63889
(88477)	15.0	75.02706	238.91917	285.48598	7.70595	0.1766795	2.6380594	63868	(88529)	16.2	261.72485	235.88068	144.30863	10.47213	0.1648974	2.3623486	63890

(88530)	16.4	296.10577	291.90697	26.85128	3.61007	0.2005347	2.4076635	63890	(88582)	15.2	273.80095	129.85143	231.09630	6.71427	0.1622051	2.3917446	63910
(88531)	16.5	326.17790	193.26998	102.26075	7.22178	0.1126701	2.3699982	63890	(88583)	16.4	334.02768	75.54332	227.63971	6.30046	0.1408159	2.3216823	63911
(88532)	14.6	268.80642	297.49096	106.27051	7.12886	0.1147882	2.3933487	63891	(88584)	15.4	72.29876	273.18960	307.44270	9.40220	0.0893742	2.3225121	63911
(88533)	15.1	228.19705	283.59706	128.64202	12.31088	0.1592266	2.6566399	63891	(88585)	14.8	295.04668	292.74211	12.65552	13.77197	0.1554246	2.6178057	63911
(88534)	14.8	147.62637	58.99813	330.84311	8.31746	0.0829013	3.0340151	63892	(88586)	14.7	232.58445	214.32986	176.29179	15.32300	0.1308052	2.5951975	63912
(88535)	16.4	163.90421	334.12754	172.79462	5.13432	0.0917502	2.2837845	63892	(88587)	15.9	263.90134	51.00118	352.55497	6.58786	0.0886560	2.3693394	63912
(88536)	15.4	339.59140	356.67384	269.47438	12.76436	0.1540751	2.3185766	63893	(88588)	15.2	218.46686	25.77330	3.93244	2.80753	0.0768179	2.6263020	63913
(88537)	15.5	346.36537	345.94813	279.93590	9.17099	0.1949267	2.3264751	63893	(88589)	15.3	232.54477	202.76356	187.51094	7.49449	0.1914540	2.6614400	63913
(88538)	14.7	113.91382	242.19451	247.83641	21.19132	0.0330209	2.6516584	63893	(88590)	15.2	244.65778	201.17037	179.06030	4.37082	0.1373490	2.6300384	63914
(88539)	15.4	117.63152	332.15161	141.39404	12.28859	0.1348793	2.5764778	63893	(88591)	16.0	294.51394	15.78324	340.91988	1.96212	0.2267618	2.3856365	63915
(88540)	14.9	192.69558	169.61663	253.45355	14.98850	0.1222304	2.5278280	63894	(88592)	15.9	316.49659	137.52161	184.35346	5.02597	0.2055501	2.2572386	63915
(88541)	14.4	139.51091	227.54496	230.58002	16.38049	0.1183825	2.6502156	63894	(88593)	17.1	326.13295	51.38198	244.66416	2.71802	0.0886259	2.3225742	63915
(88542)	15.0	44.00476	16.36622	128.65001	16.14036	0.0793835	2.7838747	63895	(88594)	14.3	222.81461	305.01441	74.32539	14.36312	0.2084352	2.7082507	63916
(88543)	14.3	181.48487	158.69095	257.31877	21.00423	0.0734930	2.6844052	63895	(88595)	15.5	236.22399	285.06881	111.91800	6.53116	0.1294279	2.2722127	63916
(88544)	15.5	164.99345	317.77227	115.45161	6.14176	0.0465292	2.4560634	63895	(88596)	15.8	91.89098	30.03274	125.92524	12.52360	0.0742123	2.3272785	63916
(88545)	14.8	120.74668	191.54953	326.91914	27.09261	0.1368084	2.3919413	63895	(88597)	16.2	220.48958	287.29584	93.49530	3.69675	0.0936134	2.4135038	63917
(88546)	14.4	175.16031	181.75382	258.95624	10.66244	0.1337974	2.5937982	63896	(88598)	15.7	225.07112	351.82898	8.19291	5.93673	0.0795462	2.5314125	63917
(88547)	14.7	92.83528	297.98162	210.62700	21.60451	0.0958143	2.6330111	63896	(88599)	15.7	27.03024	158.07923	74.89006	6.02890	0.1160053	2.2799122	63917
(88548)	16.0	300.95693	352.49676	312.87877	13.36865	0.1060565	2.5538800	63897	(88600)	14.9	163.39107	304.29628	137.10199	11.37920	0.1353927	2.6172049	63918
(88549)	14.4	228.71012	141.15647	248.22095	21.24273	0.0662767	2.6147395	63897	(88601)	15.5	102.16825	349.78984	152.51191	4.38865	0.1533793	2.5796327	63918
(88550)	14.1	224.66084	126.00634	258.14370	5.86218	0.1788445	2.7475672	63897	(88602)	15.4	215.81885	187.18325	190.12243	8.18907	0.2249019	2.7595175	63918
(88551)	15.8	315.84640	40.93781	289.35120	3.88100	0.2468089	2.3570934	63898	(88603)	15.4	170.71256	267.10270	171.31793	9.09134	0.1251575	2.7564134	63919
(88552)	15.2	292.26521	151.84940	228.90165	5.75212	0.1209045	2.3286875	63898	(88604)	13.2	118.69736	186.92657	286.55840	11.78032	0.1093580	2.6664772	63919
(88553)	14.3	304.65486	302.77496	16.51980	15.50588	0.1417848	2.5742494	63899	(88605)	15.4	162.20859	145.89213	284.70692	1.23826	0.0762024	2.5286064	63920
(88554)	13.4	288.66834	255.78096	18.77717	22.54315	0.1201299	3.1597218	63899	(88606)	16.1	249.80754	70.34509	279.22965	1.49579	0.1648646	2.5867378	63920
(88555)	14.3	182.78225	22.71987	24.39986	9.66840	0.1262399	3.0909106	63900	(88607)	16.5	325.85964	336.72890	343.12905	2.73827	0.2657077	2.2925677	63921
(88556)	17.5	296.88752	31.45554	280.04070	0.68412	0.1734859	2.4189266	63900	(88608)	16.1	338.07491	298.65974	40.07260	5.54759	0.1335004	2.2183350	63921
(88557)	15.3	175.15108	71.52777	359.17841	4.48378	0.0540172	2.5521656	63900	(88609)	15.8	1.38135	278.09772	32.12700	3.95503	0.2627542	2.1569927	63922
(88558)	16.0	78.92012	138.70085	15.37580	5.74220	0.0698985	2.6074301	63901	(88610)	15.8	308.11135	84.09434	249.87086	1.08126	0.2449865	2.3427597	63922
(88559)	15.5	127.82107	203.69788	245.69231	0.90162	0.0481640	2.7237056	63901	(88611)	5.5	147.92232	232.89422	304.79639	2.58788	0.0307687	43.8424425	63923
(88560)	16.0	236.58000	166.76403	191.74332	5.94165	0.1664204	2.5257905	63901	(88612)	15.3	146.92172	10.42760	70.35786	5.94395	0.0077050	2.6563516	63923
(88561)	15.2	132.97338	112.03375	337.39515	2.16055	0.1393590	2.8454652	63902	(88613)	16.3	303.18797	142.92126	177.92995	5.88042	0.1202694	2.3655910	63924
(88562)	16.8	345.32425	295.26969	339.32711	3.93668	0.2005613	2.3195381	63902	(88614)	16.7	307.84002	106.91375	194.70054	2.48675	0.1766189	2.4076299	63924
(88563)	17.1	310.69496	84.86122	222.04129	0.64615	0.1866933	2.3784091	63903	(88615)	16.1	351.26613	4.30086	274.06487	7.11784	0.1200912	2.2800659	63924
(88564)	16.0	186.99653	39.39485	353.08234	4.82829	0.1230968	2.7289127	63903	(88616)	14.5	89.35877	184.62349	315.93115	13.26564	0.1213938	2.5413129	63925
(88565)	15.3	200.51845	195.46343	204.32110	2.06840	0.0555846	2.6562934	63903	(88617)	15.5	254.88475	168.35133	174.96971	2.47718	0.0792150	2.6788359	63925
(88566)	15.5	248.95183	333.06862	10.51105	6.69689	0.1273573	2.6512325	63904	(88618)	15.0	30.32247	156.56370	61.06828	3.10707	0.0203235	2.6688728	63925
(88567)	15.3	359.23042	254.62705	350.82705	8.76949	0.0753716	2.5486863	63904	(88619)	16.4	334.27617	36.22680	264.42679	2.46248	0.1517186	2.2891725	63926
(88568)	15.9	281.05923	186.12396	143.66503	5.49102	0.1382237	2.5285468	63905	(88620)	16.3	18.47141	353.76303	243.63867	3.58127	0.1075715	2.3329384	63926
(88569)	16.6	345.95991	125.07238	162.52424	6.85679	0.1658299	2.3369900	63905	(88621)	15.1	249.39127	238.85065	143.11143	9.26513	0.2811304	2.5373606	63927
(88570)	16.2	295.78933	224.67927	163.01905	6.53958	0.1589573	2.2097618	63905	(88622)	16.1	275.98756	179.75047	180.70056	5.88360	0.1423566	2.3801490	63927
(88571)	16.0	269.59447	209.78250	199.50663	3.37138	0.1551480	2.2725994	63906	(88623)	15.2	25.60993	312.71884	185.90432	4.95064	0.0213686	3.1529646	63928
(88572)	16.9	357.29549	152.80871	165.80860	0.44294	0.2241944	2.1516932	63906	(88624)	16.9	273.87864	66.49903	335.12461	4.70759	0.1507100	2.1774281	63928
(88573)	14.4	205.59240	238.07794	164.53350	9.65504	0.1652298	2.9169572	63907	(88625)	15.5	83.26834	309.14928	195.27177	0.58574	0.1365791	2.6421283	63928
(88574)	16.5	328.56006	318.66209	39.03053	2.71293	0.1780630	2.1775769	63907	(88626)	16.2	280.74291	329.88180	13.10904	1.49756	0.2018696	2.3819253	63929
(88575)	16.0	265.93434	250.84150	156.43036	5.96307	0.1105895	2.3092314	63908	(88627)	16.6	298.23965	148.10715	190.07979	7.11680	0.2306699	2.2424771	63929
(88576)	16.1	277.70893	209.78250	134.65788	3.90020	0.1939827	2.5221809	63908	(88628)	15.6	133.59025	215.40166	295.25193	6.29007	0.0926021	2.2408938	63929
(88577)	13.8	156.28501	50.58659	19.82816	13.45901	0.1682405	2.7467059	63909	(88629)	16.0	338.06769	38.28491	254.60485	3.20487	0.1685089	2.2462299	63930
(88578)	14.8	158.40298	187.81602	226.89318	8.02676	0.1771499	2.6827850	63909	(88630)	16.4	42.20664	321.05834	280.25399	5.41729	0.1311313	2.1762697	63930
(88579)	15.6	116.76188	0.89743	117.65710	6.15751	0.0937251	2.5653844	63909	(88631)	16.8	318.60110	73.20605	240.41683	2.56599	0.1301143	2.2787837	63930
(88580)	16.1	358.35268	24.79156	236.47571	5.59694	0.0987144	2.3965428	63910	(88632)	15.9	305.29303	32.41015	236.80824	2.68730	0.1861935	2.5576272	63931
(88581)	15.2	58.08864	265.50922	276.15348	6.30937	0.1406115	2.6081176	63910	(88633)	15.6	141.90048	274.20366	189.63298	12.22586	0.0836262	2.5988453	63931

(88634)	16.0	309.50896	211.16053	145.48308	6.99835	0.1231018	2.3243113	63931	(88686)	17.3	26.77780	253.33430	9.12889	6.18236	0.2061672	2.1561647	63953
(88635)	15.0	180.10826	85.74492	330.13586	2.92218	0.0444548	2.7492356	63932	(88687)	15.7	357.79798	167.43757	79.26936	2.58058	0.1754316	2.4174230	63954
(88636)	16.2	257.90895	314.23966	33.48799	3.83319	0.1724867	2.5745732	63932	(88688)	14.8	111.31631	81.79357	31.89593	2.96505	0.0866753	2.7571871	63954
(88637)	15.2	255.36867	174.40303	198.30669	3.30916	0.2203731	2.5250203	63933	(88689)	16.3	319.02868	228.90477	74.53943	4.01032	0.1707500	2.3447605	63954
(88638)	15.5	263.70983	122.52183	203.58698	13.03407	0.0074721	2.5888770	63933	(88690)	16.2	168.47047	354.99693	82.99852	4.40565	0.0472168	2.5716703	63955
(88639)	14.6	347.36265	201.02118	96.69621	25.75508	0.1878625	2.2758833	63934	(88691)	16.6	226.50956	297.83856	142.00081	4.43232	0.0562739	2.2340281	63955
(88640)	14.8	72.52249	295.84247	235.26463	13.11913	0.1306309	2.5490176	63934	(88692)	15.7	228.90865	257.64386	114.87409	5.59367	0.0768338	2.5872022	63955
(88641)	15.2	112.80127	251.87452	222.19118	11.84595	0.1543748	2.7337356	63934	(88693)	16.3	294.07215	206.84993	122.70881	3.08844	0.2027357	2.3831587	63956
(88642)	14.5	92.80544	209.65723	288.27545	11.67384	0.1110053	2.6539885	63935	(88694)	15.9	59.71101	81.01343	100.98175	0.65654	0.0663296	2.5577218	63956
(88643)	15.3	74.51216	1.17726	163.36280	15.31423	0.1346997	2.5529108	63935	(88695)	15.2	122.08541	336.06472	107.50402	3.52970	0.1981210	3.0743111	63956
(88644)	15.4	297.62074	50.85978	276.02994	5.49795	0.1707741	2.4108602	63935	(88696)	16.2	168.73148	6.50023	11.72700	9.40252	0.1326117	3.1051201	63956
(88645)	15.9	276.39612	107.62847	292.15452	5.07551	0.1135219	2.2282157	63936	(88697)	16.8	309.90787	258.33414	57.00290	5.11056	0.2654314	2.3432116	63957
(88646)	15.2	233.49314	96.83376	259.06439	4.39436	0.1384413	2.7152453	63936	(88698)	16.0	322.07641	272.33853	69.96188	6.17235	0.1936456	2.2872252	63957
(88647)	14.6	62.52815	290.93986	257.34173	6.67489	0.1246567	2.6208000	63937	(88699)	16.1	316.70911	239.49346	119.44447	7.18362	0.2070837	2.2737881	63957
(88648)	14.5	195.59489	87.75434	313.04095	6.89150	0.0567048	2.7497483	63937	(88700)	14.8	96.70089	179.71294	311.50081	8.25221	0.1055716	2.7781070	63958
(88649)	15.3	236.32499	154.58916	229.43550	4.28096	0.1180639	2.5522070	63938	(88701)	15.7	336.88508	188.71117	89.91387	7.02507	0.0871154	2.4614274	63958
(88650)	15.5	232.93212	153.32525	216.56362	7.97871	0.1016354	2.6643823	63938	(88702)	16.0	355.19348	137.57954	130.47129	8.45750	0.1568128	2.3427167	63959
(88651)	14.8	99.90058	252.27374	303.41353	5.35068	0.1736087	2.3409724	63938	(88703)	14.6	125.71987	328.77208	153.79185	15.85975	0.1387953	2.7073289	63959
(88652)	15.8	235.60060	154.59794	207.63456	12.29169	0.1772330	2.6882343	63939	(88704)	15.8	296.06458	228.13491	96.44475	3.33535	0.2213449	2.3824729	63959
(88653)	14.6	209.79587	144.63311	239.74606	4.65002	0.0824812	2.7626978	63940	(88705)	14.6	328.44109	15.32961	202.81325	10.01845	0.0879890	3.1165186	63960
(88654)	16.0	159.85690	172.22155	332.63653	4.42378	0.0564590	2.3136994	63940	(88706)	15.6	219.76591	96.35572	260.38908	1.82006	0.0304406	2.8478005	63960
(88655)	14.9	148.22010	197.46521	233.60131	4.89747	0.1416620	3.0180866	63941	(88707)	16.3	324.20862	109.78242	202.01982	6.18502	0.1516040	2.3365972	63960
(88656)	15.9	320.26073	319.58171	344.22212	4.88366	0.2255765	2.3838549	63941	(88708)	16.9	325.38072	3.65594	345.48681	2.63385	0.1596272	2.1823046	63961
(88657)	16.0	274.95374	196.81952	205.62030	5.40233	0.1019333	2.2534892	63942	(88709)	15.1	79.70846	25.05274	136.27307	3.22309	0.0307565	2.7538126	63961
(88658)	15.5	290.46753	119.35894	211.58459	3.79489	0.1017703	2.5193034	63942	(88710)	17.6	52.92179	329.24770	202.90742	21.89787	0.2700447	1.0612973	63962
(88659)	16.8	331.88513	285.54084	14.19787	3.31983	0.2495459	2.3417634	63943	(88711)	15.4	176.07780	89.12890	338.30417	1.18876	0.1100450	2.9408537	63963
(88660)	16.0	312.43670	323.51147	41.46077	6.59933	0.1634057	2.2533116	63943	(88712)	15.8	84.25188	287.28510	222.31180	10.57359	0.1339246	2.6320353	63963
(88661)	15.4	357.27182	137.84660	170.37116	7.17756	0.1385707	2.3213257	63943	(88713)	16.0	116.94608	12.35820	157.56237	2.22397	0.1387243	2.3641017	63964
(88662)	15.5	276.19488	244.27539	103.32044	5.13471	0.1399853	2.6209166	63944	(88714)	14.4	148.69196	63.46357	33.34986	9.39645	0.1290423	2.7861790	63964
(88663)	15.8	302.29637	278.18920	98.72904	3.89561	0.1769464	2.3033657	63944	(88715)	16.2	241.87700	258.21883	174.80782	6.55083	0.1102279	2.2939238	63965
(88664)	16.2	256.73495	251.69414	163.53147	2.86582	0.1651086	2.4207830	63945	(88716)	16.2	257.42252	15.96998	330.05676	2.13677	0.1510015	2.5691882	63965
(88665)	15.7	334.90455	218.83421	123.92608	3.64879	0.2086138	2.2451366	63945	(88717)	16.3	359.22742	306.69337	345.15593	4.48185	0.1625338	2.2203374	63966
(88666)	16.0	343.31143	233.38505	114.41146	4.59557	0.2150160	2.1859056	63946	(88718)	15.7	66.91197	350.11671	180.47922	3.55033	0.0417266	2.6626303	63966
(88667)	15.8	295.24239	205.60212	163.81171	6.81182	0.1111764	2.4174740	63946	(88719)	15.8	40.11412	69.44555	139.62774	0.44792	0.1330412	2.5351889	63967
(88668)	15.1	172.04504	319.38294	173.24260	5.49791	0.1400755	2.3271584	63947	(88720)	15.4	85.07925	336.32958	184.49489	9.71688	0.0291923	2.6307791	63967
(88669)	15.8	206.79582	29.41381	350.55589	5.47487	0.0537428	2.6938428	63947	(88721)	14.2	10.85486	169.04006	11.79429	9.95217	0.0738950	3.1338619	63967
(88670)	15.7	63.23288	323.88624	209.77273	3.61412	0.0460374	2.5681525	63948	(88722)	16.2	134.43061	347.11080	176.90011	6.81183	0.0904748	2.3170552	63968
(88671)	16.8	48.01535	359.83941	239.28006	3.36455	0.0649603	2.2322628	63948	(88723)	14.9	155.67377	47.52053	25.62425	5.29880	0.0985727	2.8327564	63968
(88672)	17.3	332.51196	136.27010	191.22565	3.77381	0.0725747	2.2261986	63948	(88724)	16.6	318.42917	134.47066	163.07560	4.95488	0.1751618	2.4282637	63969
(88673)	15.0	233.31573	36.50450	332.22705	1.87507	0.0854302	2.6403161	63948	(88725)	15.2	94.45444	335.46722	165.39405	3.83815	0.0649208	2.7613917	63969
(88674)	16.9	307.04794	190.74933	181.17661	2.09535	0.1892265	2.1919197	63949	(88726)	16.7	272.20759	184.59008	154.34753	2.62138	0.1815258	2.5244406	63970
(88675)	15.5	202.50888	291.98782	112.04511	3.00462	0.0701747	2.6365930	63950	(88727)	15.0	167.97091	260.34771	170.62492	2.59331	0.1325205	2.7993763	63970
(88676)	15.5	208.48969	1.45410	21.27412	8.38584	0.0804590	2.7257658	63950	(88728)	16.5	321.48736	288.64408	21.95686	2.39002	0.2244492	2.3335749	63971
(88677)	15.5	162.69342	50.59002	25.69640	9.79108	0.0688864	2.6911181	63950	(88729)	15.7	31.24645	82.00767	136.57965	1.15752	0.1146806	2.5803577	63971
(88678)	15.7	212.53226	4.82145	10.65664	9.24787	0.1139826	2.7182275	63951	(88730)	15.8	241.28159	310.56392	43.84355	3.37606	0.1117692	2.6922812	63972
(88679)	16.8	232.25346	244.80173	126.96019	2.45179	0.1077611	2.5992641	63951	(88731)	14.5	102.53709	84.76072	24.71900	8.70114	0.1441899	3.1425463	63972
(88680)	15.2	164.92290	324.45577	59.40814	3.07463	0.1225027	3.2072059	63951	(88732)	15.8	155.66757	122.82396	20.75326	5.20502	0.0559276	2.3457386	63972
(88681)	16.0	199.94215	215.69409	183.59417	4.77535	0.1183592	2.7227615	63952	(88733)	15.6	155.50865	330.29947	180.56350	8.43140	0.1834252	2.3795645	63973
(88682)	17.1	23.25952	57.02465	176.70946	2.66830	0.0997488	2.3508071	63952	(88734)	15.2	6.23313	160.94896	74.39146	2.37986	0.0266210	2.6123241	63974
(88683)	16.0	343.73657	165.45730	109.04968	5.44245	0.1101326	2.3506774	63952	(88735)	16.9	304.26289	287.09633	28.57998	2.84601	0.1949662	2.4033122	63974
(88684)	16.0	345.42743	153.51955	114.40918	5.38394	0.1322003	2.3752831	63953	(88736)	15.4	126.54909	297.95638	186.68963	11.95542	0.1222810	2.6877997	63974
(88685)	15.4	62.33632	359.57077	156.54436	9.17058	0.2043431	2.7126504	63953	(88737)	16.4	276.49380	256.92510	141.04186	2.44237	0.1637293	2.2495162	63975

(88738)	15.9	269.24677	268.43299	86.53513	3.36113	0.1883664	2.4554834	63975	(88790)	14.9	24.94508	275.66166	2.40416	6.80229	0.1206734	2.4022233	63996
(88739)	15.8	13.09757	161.17110	121.61188	3.06801	0.1635655	2.2064888	63975	(88791)	16.0	344.03996	342.05224	2.49501	7.19616	0.2047072	2.2189204	63997
(88740)	16.6	332.21707	189.05324	99.23766	2.39742	0.1714017	2.3954883	63976	(88792)	16.0	346.07660	96.02063	214.66729	3.39560	0.2362693	2.3002417	63997
(88741)	15.2	163.19389	88.11509	51.27044	6.70839	0.0856842	2.3140784	63976	(88793)	15.4	80.07024	245.59013	263.83582	3.07917	0.0485153	2.8018131	63998
(88742)	16.0	349.46222	134.14715	151.13539	8.07796	0.1448852	2.3471880	63977	(88794)	15.9	264.58225	224.95961	102.69556	1.71553	0.0980649	2.7431056	63998
(88743)	15.6	293.69913	262.54749	73.84866	4.18792	0.1986967	2.3980910	63977	(88795)	15.4	277.45662	136.90585	196.41906	1.66605	0.0609979	2.6248357	63998
(88744)	15.7	263.09982	228.04035	116.65345	3.96829	0.1065422	2.5926533	63978	(88796)	14.1	222.70661	164.83716	236.82764	12.25212	0.2034967	2.5425361	63999
(88745)	16.1	309.05408	296.84097	70.48190	5.53039	0.1421223	2.2171058	63978	(88797)	16.5	35.95561	13.45992	234.89760	4.73168	0.1355266	2.2333699	63999
(88746)	15.4	340.90237	223.23617	46.08845	12.37253	0.0328636	2.6235225	63979	(88798)	16.8	214.75729	173.75498	269.95397	4.26319	0.0378124	2.2633255	63999
(88747)	15.7	183.31248	282.31336	146.39217	3.01335	0.0660724	2.6898175	63979	(88799)	14.8	260.54602	335.14852	310.51696	7.61262	0.0243197	3.0530526	64000
(88748)	16.8	12.81755	213.05613	82.81672	4.48753	0.1628131	2.1939010	63979	(88800)	16.7	341.04031	72.82367	223.47713	5.12675	0.1822385	2.2691660	64000
(88749)	16.5	299.53400	276.16418	58.44901	6.13689	0.2113259	2.3891129	63980	(88801)	15.8	263.44830	76.50999	260.78109	3.77713	0.1182072	2.5638426	64000
(88750)	15.5	260.10344	196.54952	168.01509	9.64232	0.2117683	2.5450089	63980	(88802)	14.9	240.17382	15.62534	260.51108	4.11104	0.1124255	3.2060197	64001
(88751)	15.3	59.41183	29.78285	170.05784	12.94102	0.0971943	2.6023432	63981	(88803)	15.6	112.82702	312.10009	189.98433	15.03984	0.0533084	2.5381308	64001
(88752)	16.3	299.97115	170.20240	163.73307	7.36145	0.1568057	2.4133382	63981	(88804)	16.2	200.30264	171.91869	215.85770	3.38200	0.1069321	2.7537456	64001
(88753)	15.5	243.93323	162.13324	192.27773	8.70956	0.1442130	2.7180137	63981	(88805)	16.0	285.29761	95.31791	284.76152	1.50686	0.0340389	2.2379495	64002
(88754)	14.9	100.88949	10.12278	140.56193	3.25125	0.0395885	2.7376930	63982	(88806)	16.0	311.07711	63.44214	220.50811	2.22734	0.0361508	2.6349560	64002
(88755)	17.5	308.07213	133.41774	189.72294	0.78861	0.1985001	2.3743101	63982	(88807)	15.9	119.43485	205.39051	249.34313	1.22315	0.0733876	2.9303028	64002
(88756)	14.9	97.63019	310.44906	176.14198	1.79181	0.0520405	2.9246418	63983	(88808)	17.2	348.22718	347.57676	318.96856	1.15855	0.1931784	2.2032662	64003
(88757)	17.3	301.23631	353.57097	26.72856	3.45475	0.1513807	2.2199829	63983	(88809)	16.4	300.37687	6.64245	297.61265	1.21631	0.0645174	2.5870662	64003
(88758)	16.2	279.00454	150.43904	171.52527	3.23876	0.1713228	2.6574045	63983	(88810)	15.6	114.65248	252.27106	223.79228	5.39710	0.0390405	2.7161570	64003
(88759)	14.2	26.71561	349.40828	204.09776	16.87406	0.1450545	3.1176215	63984	(88811)	16.7	318.87743	83.33159	216.32668	3.31591	0.2155269	2.3636311	64004
(88760)	15.7	256.82870	237.28919	181.44416	6.16897	0.0884699	2.3188471	63984	(88812)	17.0	10.46121	91.50947	184.89517	3.15701	0.1751154	2.2373386	64004
(88761)	15.4	308.12976	255.23918	54.44669	9.78197	0.1341668	2.5593220	63985	(88813)	14.5	24.63432	321.20328	324.72387	24.29892	0.2764400	2.3206244	64004
(88762)	16.1	305.22495	211.10113	163.92301	4.73680	0.1273239	2.2508943	63985	(88814)	15.7	293.13502	89.71204	260.72281	3.08618	0.1507681	2.3311077	64005
(88763)	15.4	270.40042	309.02316	34.12562	14.24795	0.0976456	2.6559365	63985	(88815)	15.9	202.37556	172.33000	229.17189	5.20410	0.0580578	2.6698152	64005
(88764)	14.8	226.81416	196.15122	196.52631	13.11890	0.0208475	2.6992682	63986	(88816)	16.9	358.52426	95.94572	206.63056	3.75215	0.1877113	2.1970784	64006
(88765)	15.9	313.67507	197.63474	155.20615	5.93767	0.1286007	2.3169725	63986	(88817)	16.5	331.79716	300.74987	346.05378	1.63248	0.2238297	2.3990531	64006
(88766)	16.0	264.60215	249.75422	167.33525	6.80217	0.0850789	2.3061252	63987	(88818)	15.4	303.35349	303.04250	344.22503	3.03532	0.0662401	2.7317468	64007
(88767)	15.6	251.55151	246.98955	135.24449	5.14185	0.1957540	2.5864034	63987	(88819)	15.7	219.94508	177.19884	216.53107	1.98893	0.0595322	2.6221585	64007
(88768)	15.2	281.13485	280.46324	67.59070	12.52111	0.0980300	2.6274105	63987	(88820)	15.5	289.35814	102.67589	195.50167	6.12575	0.0356413	2.7855838	64007
(88769)	15.9	299.21852	215.57359	140.77297	5.92622	0.2499431	2.3863745	63988	(88821)	17.1	343.80756	271.27915	5.17138	2.53872	0.2289414	2.3868228	64008
(88770)	15.7	5.83800	203.06814	112.42089	6.14339	0.1995479	2.2295529	63988	(88822)	16.3	297.54627	165.41145	213.11322	4.46353	0.1434663	2.2415709	64008
(88771)	16.3	328.20693	193.47676	151.56686	4.68003	0.2256372	2.2627235	63989	(88823)	15.9	152.29049	186.28761	329.44590	6.21838	0.0734066	2.2736622	64009
(88772)	14.8	226.91901	164.10609	221.77984	13.32332	0.1021292	2.6379011	63989	(88824)	15.7	118.99495	244.41813	246.33202	2.90092	0.0839238	2.6587972	64009
(88773)	14.2	213.03260	182.98121	219.61789	11.79493	0.1743460	2.6603908	63989	(88825)	16.3	312.25266	359.66343	298.74521	3.31599	0.1468126	2.5479232	64009
(88774)	15.2	252.46991	153.73560	213.79573	3.37028	0.2230621	2.5995244	63990	(88826)	16.2	301.35666	160.91780	212.25025	4.95723	0.1197418	2.2523486	64010
(88775)	13.1	5.14507	234.58447	214.57059	4.09199	0.0465926	5.1407366	63990	(88827)	15.5	122.92592	303.45387	222.30380	2.01871	0.1207415	2.4205490	64010
(88776)	15.5	230.45084	134.00990	228.24374	5.46499	0.0395289	2.6961979	63991	(88828)	15.1	251.51790	358.80131	359.85238	6.55403	0.0289884	2.6904102	64011
(88777)	16.0	159.37899	205.18766	229.26500	3.64722	0.1697108	2.5920015	63991	(88829)	15.4	149.97920	165.71021	281.86165	0.97375	0.0159734	2.7696887	64011
(88778)	16.1	103.34154	313.01837	179.21862	7.62679	0.1090858	2.6412559	63991	(88830)	16.8	284.38837	0.01694	347.24629	0.76684	0.2030921	2.4264079	64011
(88779)	15.8	127.75635	111.46327	328.07737	2.27542	0.1398746	2.9847914	63991	(88831)	15.2	251.12427	157.95681	197.32671	1.36085	0.0846621	2.6608650	64012
(88780)	16.7	337.62704	35.04746	244.49889	2.88382	0.2298266	2.3382989	63992	(88832)	16.8	327.57571	53.92991	214.79701	0.40342	0.0510473	2.5587430	64012
(88781)	16.2	303.49750	71.71241	250.45209	5.80343	0.1370054	2.4236577	63992	(88833)	15.7	64.78104	13.23426	213.27166	0.53239	0.1423315	2.4125111	64013
(88782)	15.7	251.60739	189.12394	247.54652	5.62681	0.1135769	2.2621720	63993	(88834)	16.2	352.32236	157.18976	92.97573	2.13572	0.0565868	2.7506801	64013
(88783)	15.7	277.77856	32.85967	221.09023	4.27021	0.2253006	2.4606149	63993	(88835)	15.9	227.11340	314.58945	73.37991	3.86904	0.0437279	2.6010474	64013
(88784)	14.6	47.70117	250.99430	358.15810	7.87302	0.0894684	2.3580664	63993	(88836)	15.9	122.28143	36.79512	86.10557	3.11956	0.0480661	2.6624812	64014
(88785)	16.4	5.03909	327.90208	341.07793	5.60516	0.2213020	2.1799294	63994	(88837)	16.9	335.90377	164.79387	125.34819	3.36083	0.1571233	2.3842358	64014
(88786)	15.6	272.45811	131.79472	290.51049	5.31778	0.2167254	2.2897501	63995	(88838)	14.9	69.68194	15.27587	167.21937	11.45856	0.1200158	2.6384682	64014
(88787)	14.6	257.40658	345.51741	21.54972	15.01151	0.2586687	2.6462674	63995	(88839)	15.6	252.35736	306.23572	61.67620	4.38552	0.1465729	2.5618950	64015
(88788)	15.1	284.37907	127.55193	274.49084	5.82382	0.1433243	2.3456581	63995	(88840)	15.4	95.71371	44.23479	147.22213	4.80327	0.1278075	2.4340945	64015
(88789)	16.6	318.86978	0.64984	353.42828	6.29856	0.1918839	2.2725389	63996	(88841)	16.0	317.58371	79.41645	279.44465	1.77431	0.1476979	2.2155282	64016

(88842)	15.4	292.17894	359.69350	298.55687	1.00240	0.0522901	2.7199939	64016	(88894)	15.4	124.69304	51.25530	64.98823	12.66961	0.1073799	2.7847181	64036
(88843)	16.9	332.24366	191.44920	152.06175	4.35911	0.1962424	2.2201877	64016	(88895)	16.2	89.04869	227.29825	328.02254	11.95526	0.1091638	2.3517279	64036
(88844)	15.1	267.49626	163.31752	191.03550	12.52707	0.1338406	2.6594952	64017	(88896)	15.3	65.84833	311.15172	227.14802	10.21437	0.1069550	2.5790484	64036
(88845)	14.4	161.23912	231.62189	190.55593	15.43519	0.0704017	3.1666219	64017	(88897)	15.3	0.79265	329.63612	317.29801	6.51339	0.1097921	2.3835472	64037
(88846)	15.6	156.74097	68.53108	352.13722	3.75661	0.0976756	2.6707433	64017	(88898)	14.4	166.80351	339.85061	109.86718	14.61856	0.0503413	2.5919256	64037
(88847)	17.1	253.77465	285.29915	38.75221	2.53401	0.2086781	2.6422094	64018	(88899)	14.6	172.76836	256.29728	197.55681	32.36276	0.0672228	2.7510535	64037
(88848)	16.0	153.88929	334.04493	168.24758	7.56052	0.1160983	2.3065586	64018	(88900)	14.6	154.40957	311.65282	127.85059	8.81827	0.2038067	2.7800714	64038
(88849)	16.4	216.58340	276.97538	168.40182	6.29620	0.0666278	2.2769509	64018	(88901)	15.1	133.70853	40.83005	61.52862	8.47026	0.1176499	2.7646959	64038
(88850)	15.9	170.32028	32.02216	37.92219	4.79082	0.1008426	2.7381067	64019	(88902)	15.6	306.53927	4.60763	288.85411	4.56160	0.0094385	2.7586184	64038
(88851)	15.6	157.85076	345.32083	46.60869	2.51997	0.0729164	3.1800529	64019	(88903)	15.9	11.93281	59.93138	181.12611	1.78420	0.0720738	2.5395790	64039
(88852)	16.1	240.56967	179.50841	169.39077	2.35090	0.0759481	2.7852536	64019	(88904)	15.9	1.54817	32.75198	277.27932	2.59953	0.1560598	2.1993092	64039
(88853)	16.1	355.67666	281.25414	32.61692	4.74969	0.1942169	2.1556626	64020	(88905)	16.0	96.79837	78.20364	110.10472	6.81492	0.0449749	2.3463964	64039
(88854)	15.5	84.35664	181.64397	21.96685	6.57857	0.2017475	2.4200376	64020	(88906)	15.4	304.71649	15.79830	296.98593	8.69992	0.1814048	2.4642306	64040
(88855)	14.9	170.82897	274.97430	150.06317	9.14084	0.0625165	2.7850267	64021	(88907)	17.1	19.02300	51.95083	220.43577	3.41385	0.2195772	2.2329137	64040
(88856)	16.0	258.86168	258.15417	152.65930	6.94373	0.1324376	2.3134836	64021	(88908)	16.0	347.76715	224.97934	48.36229	7.01132	0.2075783	2.3293400	64040
(88857)	16.4	141.25265	85.59005	88.87512	5.12412	0.0475787	2.2599665	64021	(88909)	15.8	205.53721	189.69640	214.16359	0.89460	0.1018731	2.7266555	64041
(88858)	15.4	236.90366	262.57518	106.95526	6.08581	0.1233595	2.7100054	64022	(88910)	15.3	251.29292	358.82188	62.92236	8.83205	0.0227629	2.3674736	64041
(88859)	15.4	349.44178	111.88147	150.61590	3.78169	0.0121552	2.6420586	64022	(88911)	14.8	20.76782	325.27183	315.01462	5.33143	0.1089902	2.4236367	64042
(88860)	15.0	109.02575	48.30482	60.44654	4.61739	0.0817462	3.0776984	64022	(88912)	14.9	308.72035	104.19618	286.47477	7.21880	0.1233321	2.2717691	64043
(88861)	15.8	178.27503	302.56355	133.91270	3.67679	0.0548125	2.6834513	64023	(88913)	15.4	318.19181	42.80070	341.01357	3.48328	0.1301871	2.2672449	64043
(88862)	15.0	188.39941	351.68450	48.59393	2.68801	0.0560067	2.9100020	64023	(88914)	15.5	178.28596	277.18207	207.14620	4.26576	0.1212071	2.3781112	64043
(88863)	16.7	295.34999	199.18250	117.41245	1.36452	0.1946822	2.5323894	64023	(88915)	15.5	235.62627	120.40646	228.01962	1.66841	0.0379412	2.8826179	64044
(88864)	15.4	215.11954	214.70240	129.86805	2.78432	0.1448361	3.0886192	64024	(88916)	14.7	36.08837	14.74508	209.96746	14.03194	0.1308630	2.5932192	64044
(88865)	14.9	120.02712	75.85321	27.99452	12.16781	0.1141789	3.0886333	64024	(88917)	14.7	88.09042	104.10622	26.82177	11.25671	0.0985870	3.1316294	64045
(88866)	15.5	44.80354	88.67508	110.48878	0.62997	0.0419674	2.7750904	64025	(88918)	16.1	245.40887	62.34597	11.97922	4.00672	0.0765784	2.3207669	64045
(88867)	15.9	225.31448	264.87294	112.33632	1.64890	0.0851816	2.7707488	64025	(88919)	15.6	161.39086	262.48769	248.66142	1.29968	0.1437496	2.3764544	64045
(88868)	15.5	90.76051	93.36358	116.26279	3.04211	0.1590016	2.3696188	64025	(88920)	15.1	202.24189	172.56460	225.66436	17.03598	0.1255628	2.9152801	64046
(88869)	15.9	65.94680	78.76562	143.22716	1.89562	0.1391112	2.4345895	64026	(88921)	16.2	332.47355	273.44546	80.16219	4.50829	0.1979231	2.2609663	64046
(88870)	15.0	98.76025	108.99528	5.40721	3.52191	0.1228533	3.0615569	64026	(88922)	14.3	110.78927	186.22119	260.89233	12.63319	0.0670780	3.1228045	64047
(88871)	15.5	169.68789	222.78987	184.52212	1.89053	0.0566463	2.9119812	64027	(88923)	15.3	157.62490	235.46559	263.85500	5.20708	0.0652315	2.4074961	64047
(88872)	15.2	227.20989	17.32293	354.23705	4.83156	0.0764107	2.7539715	64027	(88924)	15.3	204.08964	183.68731	217.26357	0.88569	0.1240847	2.8980205	64047
(88873)	14.9	256.64141	303.58997	52.29141	4.32197	0.1504533	2.6272340	64027	(88925)	15.4	298.58278	282.54335	48.90025	3.41203	0.1693105	2.5527407	64048
(88874)	14.8	152.72358	329.80526	107.30490	3.23544	0.0771548	2.9047960	64028	(88926)	15.1	233.52315	157.61728	288.62957	8.15902	0.1377695	2.3772492	64048
(88875)	16.3	276.99635	339.20828	4.85092	2.72044	0.1272617	2.5569742	64028	(88927)	14.9	319.26011	37.80386	270.63002	10.22229	0.1691457	2.5500507	64049
(88876)	15.3	354.61957	239.57734	17.22095	5.86875	0.1041462	2.6391898	64029	(88928)	15.3	320.12564	289.95941	355.76460	13.32806	0.2145619	2.6628457	64049
(88877)	15.4	76.44289	222.45001	346.39678	1.89452	0.1427234	2.4671632	64029	(88929)	15.9	310.14922	65.80672	258.50455	1.99055	0.2195505	2.3885689	64049
(88878)	15.2	292.72743	291.37622	22.11256	5.32011	0.0779781	2.7022089	64030	(88930)	15.5	50.37673	341.36466	207.75668	7.64554	0.0824020	2.8132469	64050
(88879)	15.6	304.95092	133.13053	185.68682	7.12578	0.1598269	2.5688061	64030	(88931)	15.9	351.76306	50.59394	270.25701	3.53783	0.0974603	2.2281409	64050
(88880)	13.7	210.47081	327.91780	73.40128	13.59821	0.1818277	2.6813830	64030	(88932)	15.7	328.63828	353.84673	337.09925	6.19895	0.1168015	2.3780821	64051
(88881)	15.6	273.37931	184.47950	230.25108	3.37254	0.2296284	2.2834863	64031	(88933)	14.6	343.92686	264.04401	11.20306	11.30159	0.1737366	2.6698024	64051
(88882)	15.2	264.96430	325.20907	25.72973	2.72434	0.1140608	2.6345072	64031	(88934)	15.1	148.72797	192.27967	262.26380	10.04864	0.0309090	2.9692025	64051
(88883)	15.2	223.65664	309.14676	29.83027	2.26109	0.1002962	3.0854725	64032	(88935)	15.2	199.20373	25.52016	334.68308	6.55577	0.1315055	3.3424461	64052
(88884)	14.9	226.84229	138.17690	302.60223	8.85796	0.1740115	2.5723670	64032	(88936)	15.5	30.48672	327.62501	316.11354	6.29401	0.1448667	2.3052915	64052
(88885)	14.0	340.71538	303.50161	25.94140	14.35771	0.2576927	2.4186816	64033	(88937)	16.1	329.27175	342.52116	2.78090	7.36529	0.1777639	2.2874276	64052
(88886)	14.9	254.18699	287.73166	61.90784	16.88370	0.3538582	2.5965142	64033	(88938)	16.6	341.56993	62.45112	281.41754	5.60012	0.2465398	2.1924893	64053
(88887)	14.6	115.78832	311.35837	145.18314	17.61528	0.2019933	3.1208934	64034	(88939)	13.8	310.21788	63.54147	260.16994	11.36383	0.0422504	2.6527870	64053
(88888)	15.6	196.52743	340.66521	61.84120	14.84039	0.1512005	2.7101097	64034	(88940)	14.7	198.52592	358.39541	29.90788	14.60002	0.0897325	3.1248028	64053
(88889)	15.0	243.93897	225.33018	154.42507	12.01383	0.0267941	2.6535071	64034	(88941)	14.9	272.44931	10.99653	344.65855	3.01948	0.1269874	2.6506776	64054
(88890)	16.0	130.59171	198.69086	283.02402	3.68579	0.0196958	2.5106395	64035	(88942)	14.8	274.34340	82.94259	257.76917	10.02153	0.2104844	2.6826527	64054
(88891)	15.7	72.36715	293.75068	193.46177	10.91206	0.1620511	3.0702402	64035	(88943)	15.3	29.37362	9.26074	282.60723	6.82397	0.1884271	2.2760234	64055
(88892)	15.6	246.01193	338.99086	351.72246	1.50305	0.0636358	2.8615883	64035	(88944)	16.1	358.78233	321.21354	358.04159	7.26529	0.1404918	2.3191568	64055
(88893)	15.2	58.53542	151.47421	2.27692	6.81166	0.2142264	3.1230731	64035	(88945)	14.6	84.57103	162.56938	35.70585	12.85399	0.0744552	2.7651124	64055

(88946)	15.7	294.81656	16.75574	13.52837	7.04971	0.1109166	2.3553669	64056	(88998)	14.9	344.56838	223.52490	54.81688	3.19050	0.09616990	2.6572591	64077
(88947)	15.3	290.30469	20.83794	14.43845	6.82735	0.1372364	2.3514556	64056	(88999)	15.9	318.88337	158.90100	209.74373	3.23397	0.1312051	2.2302387	64077
(88948)	15.3	1.61019	317.68618	8.31555	6.55372	0.1368527	2.3074375	64056	(89000)	14.9	215.42889	323.13928	76.27218	4.55907	0.1039731	2.7722671	64078
(88949)	15.4	293.09492	44.94377	347.13356	6.54563	0.1183728	2.3666189	64057	(89001)	15.2	260.26666	121.96836	209.67361	7.46294	0.0768292	2.9419407	64078
(88950)	14.8	317.18428	49.70245	313.95284	5.81852	0.1601639	2.3503915	64057	(89002)	14.7	167.16184	195.86451	222.33627	19.89894	0.0415349	3.1208694	64079
(88951)	14.8	205.84347	200.25382	267.52023	13.68470	0.0652430	2.5384069	64058	(89003)	15.4	290.85779	240.41381	93.51667	2.89903	0.0968040	2.6332250	64079
(88952)	16.2	329.47321	28.34276	300.82511	5.08562	0.1314838	2.4009915	64058	(89004)	14.6	287.86758	287.71325	67.34092	15.48735	0.1709335	2.5261736	64080
(88953)	15.5	9.05373	351.61903	318.41952	5.77846	0.1973468	2.2601704	64058	(89005)	16.3	293.46083	262.08887	128.67043	4.70511	0.2635894	2.2979900	64080
(88954)	14.9	322.71221	63.73926	299.80139	6.90008	0.3090258	2.2829001	64059	(89006)	16.1	265.38315	281.07260	124.91072	3.32412	0.1614005	2.3684306	64081
(88955)	14.8	303.30609	30.82623	13.32792	7.61648	0.1447440	2.3286836	64059	(89007)	15.3	254.22622	155.45221	208.20236	5.32238	0.0467623	2.7349100	64081
(88956)	15.2	264.64149	126.91620	329.17154	8.68286	0.1918154	2.3253442	64059	(89008)	16.2	332.62629	173.61326	159.64676	3.32927	0.2512409	2.2581208	64081
(88957)	16.0	289.47745	50.58374	340.63093	3.69550	0.1669088	2.3938452	64060	(89009)	14.8	237.27284	196.46312	193.65010	5.95005	0.0987224	2.6689520	64082
(88958)	15.5	340.14176	16.32112	352.84939	6.59161	0.1327460	2.2769177	64060	(89010)	15.3	323.22662	215.27079	138.31136	6.22949	0.1305379	2.3907694	64082
(88959)	17.6	34.50732	114.97126	39.06458	53.80674	0.5645915	1.7235139	64061	(89011)	14.6	61.17700	307.69021	219.63476	12.31084	0.1269069	2.7804958	64083
(88960)	14.6	219.53564	108.77200	279.25131	3.26750	0.0811430	2.7987109	64061	(89012)	15.8	141.97405	170.91324	257.61548	3.77672	0.1429852	3.0718173	64083
(88961)	15.4	208.70601	262.24388	140.93784	7.75896	0.0979377	2.7035824	64062	(89013)	16.3	41.45411	336.76346	290.02696	5.05967	0.0434803	2.2349339	64083
(88962)	16.9	4.17452	110.30217	195.38165	1.70145	0.0945405	2.2050636	64062	(89014)	15.6	181.65794	191.92973	282.29375	5.17227	0.0304122	2.3491141	64084
(88963)	16.3	282.38394	220.83582	119.84981	4.25392	0.1497878	2.5360109	64062	(89015)	15.4	147.95412	207.75906	217.82099	10.15962	0.1193062	3.0316986	64084
(88964)	15.6	89.17005	272.69087	223.33479	5.51575	0.0168170	2.7802862	64063	(89016)	16.9	229.74998	139.56714	287.95924	4.50319	0.0588030	2.3651543	64084
(88965)	16.0	116.86983	283.37425	245.05370	3.76074	0.1105041	2.3952524	64063	(89017)	17.0	355.57420	326.29835	355.31098	4.21924	0.1190771	2.1759948	64085
(88966)	15.4	309.68005	186.08555	116.81271	4.55273	0.0371824	2.6244616	64063	(89018)	15.7	77.96895	232.89228	350.85798	6.29524	0.0809915	2.2968906	64085
(88967)	15.2	180.42932	351.54749	79.37194	16.13053	0.0902476	2.6157761	64064	(89019)	14.7	37.14605	266.76470	294.62585	6.71473	0.1138534	2.7545654	64085
(88968)	16.4	0.53818	94.61718	206.89790	4.06642	0.1226963	2.2409622	64064	(89020)	16.4	322.40589	316.75585	333.56849	3.12126	0.1332682	2.5268804	64086
(88969)	13.8	69.60514	137.75413	15.67870	14.60161	0.1801493	3.0641210	64064	(89021)	15.1	65.47355	280.39953	266.03144	2.38474	0.1478426	2.6990455	64086
(88970)	15.6	214.76153	160.43758	209.50417	6.14067	0.0788373	2.8628450	64065	(89022)	15.5	312.12624	345.29978	298.96041	3.70697	0.0283762	2.7777056	64086
(88971)	15.2	290.49680	327.33030	349.16663	2.53227	0.0798922	2.6248376	64065	(89023)	16.0	284.11946	36.67901	303.50851	1.48259	0.1624671	2.5246929	64086
(88972)	15.0	62.60052	172.55315	6.81322	4.50691	0.0572312	2.7570085	64066	(89024)	15.2	25.85988	307.47472	259.94591	6.28559	0.1705871	2.8019433	64087
(88973)	15.5	341.06356	246.09873	9.81782	3.08133	0.0463535	2.7447908	64066	(89025)	15.8	3.26056	65.11172	267.21160	3.72073	0.2124472	2.1573274	64087
(88974)	16.6	314.94150	35.40204	273.84654	0.57585	0.1859249	2.4349730	64066	(89026)	15.2	4.39754	285.92441	318.79648	3.40666	0.0687630	2.6576260	64088
(88975)	16.6	290.53265	85.09180	228.76379	1.44133	0.0898369	2.6402402	64067	(89027)	13.7	104.14695	223.79994	250.50906	20.78096	0.0759007	3.1779304	64088
(88976)	14.9	227.29547	332.73307	44.56109	2.97809	0.0854891	2.7248103	64067	(89028)	15.3	267.04876	96.47350	252.70040	1.00996	0.0963935	2.6858878	64088
(88977)	16.8	358.64155	266.50058	44.83770	1.82191	0.2086222	2.1946764	64068	(89029)	16.3	357.43148	30.91179	297.07321	1.39198	0.2295075	2.1712182	64089
(88978)	15.5	260.74759	159.58970	192.15062	2.43978	0.0935029	2.6573161	64068	(89030)	15.3	300.48501	352.18434	32.68058	7.65196	0.1238390	2.3073940	64089
(88979)	16.3	304.02355	275.30989	61.72602	2.18123	0.1957690	2.3891849	64069	(89031)	14.9	250.21953	208.90772	247.87075	4.83725	0.1625176	2.3238674	64090
(88980)	14.9	268.77259	261.90282	83.16745	5.85213	0.1831918	2.6173696	64069	(89032)	15.2	278.31228	180.74184	237.70532	3.87108	0.1120167	2.3273259	64090
(88981)	15.3	104.66149	187.76744	23.60752	6.95678	0.0685397	2.3129559	64069	(89033)	15.5	264.82408	61.42425	352.18486	2.35523	0.1706844	2.4276125	64091
(88982)	15.0	55.63900	211.32918	35.10985	7.49221	0.0792542	2.3637588	64070	(89034)	14.9	295.14950	125.19179	258.18898	6.63737	0.1306186	2.4274900	64091
(88983)	14.6	114.73452	270.37421	213.99973	10.89470	0.1362288	3.0641559	64070	(89035)	14.7	222.22819	190.53361	267.02041	3.29452	0.2109860	2.5927013	64092
(88984)	15.6	223.86475	36.93687	51.67146	2.76523	0.1851189	2.4261746	64071	(89036)	14.9	283.11468	96.20912	270.01382	3.97268	0.2551292	2.5667773	64092
(88985)	15.5	263.71687	9.92441	46.73466	7.56922	0.0938992	2.3119784	64071	(89037)	15.2	284.39337	323.70490	112.53126	4.64833	0.1285153	2.2862065	64092
(88986)	15.4	303.71713	158.15650	143.58793	3.35648	0.1149713	2.6723631	64072	(89038)	14.5	193.85041	149.42450	237.45460	10.61945	0.1075481	2.9988526	64093
(88987)	16.2	320.67984	240.07841	115.10487	3.26210	0.1092885	2.6005300	64072	(89039)	15.2	257.22980	7.85113	345.96059	5.44701	0.0509316	2.6981252	64093
(88988)	15.5	359.09697	79.31648	153.52249	2.47439	0.0129816	2.8947112	64073	(89040)	15.8	329.31976	49.09214	240.43602	4.31307	0.1220557	2.5577879	64094
(88989)	15.0	124.19311	251.41216	203.50928	9.99084	0.0624435	3.1068382	64073	(89041)	14.6	122.74398	186.83442	266.59386	5.01626	0.0555482	3.1772894	64094
(88990)	15.8	171.81125	310.13822	182.46785	6.18678	0.0499709	2.4183453	64073	(89042)	16.1	248.50435	96.97953	344.56475	4.00224	0.2097307	2.3211450	64095
(88991)	15.1	88.60989	317.15152	211.40330	8.69740	0.0820771	2.7444590	64074	(89043)	15.9	328.60837	99.38008	255.31948	5.37414	0.1132955	2.2395197	64095
(88992)	16.5	320.19232	169.54420	152.28906	1.75566	0.1978473	2.3691014	64074	(89044)	15.2	257.22840	115.03862	252.99683	7.42172	0.0483673	2.6257442	64095
(88993)	14.6	127.62269	230.24968	222.87196	8.39391	0.0554769	3.1442635	64074	(89045)	15.4	274.54642	105.53971	251.79833	3.58464	0.2053609	2.5274439	64096
(88994)	16.7	295.58359	214.27419	122.77081	2.20774	0.1832297	2.4774688	64075	(89046)	15.7	280.49320	48.29017	357.23120	2.35174	0.1132540	2.2946687	64096
(88995)	14.9	144.73220	41.71350	36.13234	10.78356	0.0751386	3.0921422	64075	(89047)	14.6	149.19619	198.52303	249.95511	8.78692	0.0839680	3.0762892	64097
(88996)	14.9	242.40558	311.84498	66.30928	6.12407	0.1572999	2.6543223	64076	(89048)	14.7	316.84581	47.41387	253.97781	12.12006	0.1369712	2.7380790	64097
(88997)	15.6	242.19407	314.78998	61.43540	4.21182	0.0714089	2.7017338	64076	(89049)	15.6	293.66885	107.93465	280.43386	5.44557	0.1276613	2.4287259	64098

(89050)	13.4	253.55184	278.85356	71.88076	30.86054	0.3375348	2.8827981	64098	(89102)	15.2	314.69742	243.67010	50.36017	9.38733	0.0302467	2.5802498	64116
(89051)	14.8	340.31168	9.64802	255.18556	17.31888	0.1578644	2.5402601	64099	(89103)	15.0	191.00143	356.07431	57.69644	12.16872	0.1567321	2.6626868	64117
(89052)	14.8	265.26157	53.93499	291.56009	12.10818	0.1679358	2.5760136	64099	(89104)	15.1	133.89982	356.80884	86.04748	11.34557	0.0949990	3.0546274	64117
(89053)	14.6	268.32025	86.19275	258.45743	11.34338	0.1959799	2.6595568	64099	(89105)	14.3	249.03486	263.20798	111.09174	15.57053	0.1319699	2.5498407	64117
(89054)	16.8	308.24193	76.54338	305.57097	5.21558	0.1781596	2.2354194	64100	(89106)	16.4	322.82669	184.04372	127.49511	9.43405	0.2298592	2.3628017	64118
(89055)	15.7	61.64143	306.37408	296.40136	7.35464	0.0770937	2.2437590	64100	(89107)	14.0	134.92998	350.24424	109.23771	20.10568	0.1155947	3.0813346	64118
(89056)	15.9	8.01745	350.86529	312.86529	6.76361	0.1202167	2.2118057	64101	(89108)	16.0	264.50697	253.02024	28.12337	1.38860	0.1276378	3.1124748	64118
(89057)	15.2	230.58080	10.36366	84.57527	8.01093	0.0701631	2.3799002	64101	(89109)	15.7	78.49429	273.62494	286.42479	8.78006	0.1494032	2.3993437	64119
(89058)	15.2	90.81635	11.52980	140.56768	9.55485	0.0777407	2.6962297	64101	(89110)	14.7	107.43928	255.50790	224.57715	13.47225	0.2356474	2.9270195	64119
(89059)	14.6	99.28380	346.74332	141.03418	15.90749	0.0763206	2.6672209	64102	(89111)	15.2	86.53873	291.27440	229.30955	13.32711	0.0397714	2.6016385	64119
(89060)	15.1	3.95594	115.73671	136.67031	9.90086	0.0171866	2.6626559	64102	(89112)	15.7	302.49967	267.18801	104.36996	6.54528	0.2053853	2.2364497	64120
(89061)	15.3	51.94554	255.52025	286.40795	8.35297	0.1128184	2.7235311	64103	(89113)	15.8	44.88771	157.37681	109.99292	5.68893	0.0867586	2.3511949	64120
(89062)	14.6	108.98743	222.32727	243.18553	11.46804	0.1480899	3.0362251	64103	(89114)	16.0	102.68235	30.56400	162.48491	6.29979	0.0588616	2.4434706	64120
(89063)	15.0	224.67380	342.55304	45.14210	12.47002	0.1844544	2.6489973	64103	(89115)	15.9	93.65198	280.88981	267.80135	3.47115	0.1025089	2.4639001	64121
(89064)	16.0	5.83154	142.41288	126.45866	7.13191	0.1239992	2.3958921	64104	(89116)	16.1	310.99331	336.38255	337.65765	3.77655	0.1465938	2.5250041	64121
(89065)	17.2	0.47252	197.94338	101.65871	4.93874	0.0959920	2.2738522	64104	(89117)	15.3	76.63209	175.10271	29.32338	14.10932	0.0980412	2.5844124	64122
(89066)	16.0	69.35484	52.92182	123.57530	5.63906	0.0524279	2.7291239	64104	(89118)	15.7	176.54021	5.42089	56.65901	9.82565	0.1272128	2.7191430	64122
(89067)	15.8	167.24244	348.38997	88.90232	6.12353	0.0243636	2.7351830	64105	(89119)	15.3	168.50886	307.22077	138.82510	12.85485	0.1169829	2.6534682	64122
(89068)	16.0	332.20755	190.47294	94.46484	7.47268	0.0695838	2.5618998	64105	(89120)	15.3	358.31183	174.43216	89.95319	11.26764	0.0732842	2.6041132	64122
(89069)	15.6	265.54115	251.49847	89.00912	7.12908	0.0259141	2.7023645	64105	(89121)	15.8	338.82338	212.28554	71.78678	9.24901	0.1063878	2.4028435	64123
(89070)	15.9	78.40375	157.04270	62.14351	7.20793	0.0346453	2.3672851	64106	(89122)	16.0	319.14933	211.03532	145.62181	3.52345	0.0831844	2.3729475	64123
(89071)	16.2	118.72426	27.44075	151.98802	5.90822	0.0614306	2.3979216	64106	(89123)	15.9	323.74348	139.39882	214.31044	6.47317	0.1379504	2.3313009	64124
(89072)	15.3	217.43828	307.23452	57.42118	13.00369	0.0673845	2.9309645	64106	(89124)	14.9	105.75213	57.84677	61.55171	9.88872	0.1100268	3.0616861	64124
(89073)	15.7	249.20075	304.93568	79.11854	7.04479	0.1931671	2.5330904	64106	(89125)	15.4	11.36653	95.99439	144.93603	10.46930	0.0336080	2.6522760	64124
(89074)	16.1	342.63524	107.78646	146.88601	11.34908	0.0982222	2.5714175	64107	(89126)	16.0	262.87147	294.28406	67.43563	2.19124	0.1895352	2.6092651	64125
(89075)	17.0	306.38460	257.44651	102.35083	5.38530	0.1448121	2.3154421	64107	(89127)	15.7	58.69821	185.21389	58.51022	6.90936	0.1007515	2.4436060	64125
(89076)	15.4	236.61743	248.76749	121.44256	6.02813	0.0849886	2.7709983	64107	(89128)	16.0	117.82510	252.42595	239.31942	11.85440	0.1067178	2.6529439	64125
(89077)	15.1	172.21006	281.01213	151.36484	15.26811	0.1315685	2.8473713	64108	(89129)	15.8	321.72060	202.95456	99.58639	2.91140	0.0739706	2.5670954	64126
(89078)	17.1	22.96945	355.64215	277.75831	1.65104	0.1307387	2.2375627	64108	(89130)	14.5	111.71388	242.04721	234.26610	11.16162	0.1065696	3.1635213	64126
(89079)	14.4	65.45972	167.36101	345.70664	5.81348	0.0995172	3.2148660	64108	(89131)	15.5	323.54910	127.37338	222.77369	7.03899	0.1261344	2.3853473	64127
(89080)	15.2	84.34066	318.23892	275.15787	4.78948	0.1254506	2.2917549	64109	(89132)	16.0	331.06298	209.23500	132.77438	4.94912	0.1134083	2.4018711	64127
(89081)	15.2	340.44742	27.73698	292.66704	5.36548	0.0881126	2.4015995	64109	(89133)	16.4	305.56812	292.86754	87.44703	7.63760	0.2315990	2.2890831	64127
(89082)	15.7	38.41658	3.07190	260.22361	12.60658	0.0075066	2.4215873	64110	(89134)	15.7	256.70194	88.86017	258.17026	5.57922	0.0221706	2.7855273	64128
(89083)	16.0	352.83536	351.60154	327.89620	7.50836	0.1764031	2.2960252	64110	(89135)	15.4	17.45605	191.12673	94.35588	4.24849	0.1148391	2.4121557	64128
(89084)	16.0	269.95524	185.45171	178.45681	14.95767	0.0938653	2.5437520	64110	(89136)	20.2	32.95182	66.97449	176.05177	1.90348	0.2527570	1.3558480	64128
(89085)	16.3	351.71152	18.60959	285.18767	8.79363	0.0849202	2.3032544	64110	(89137)	16.5	39.33557	55.23778	210.44707	7.46054	0.2492097	2.1997352	64131
(89086)	15.5	147.33714	251.85194	203.48249	3.84685	0.0335816	2.7822297	64111	(89138)	15.5	62.40181	229.82132	279.89838	0.88598	0.1295796	3.1030032	64131
(89087)	14.8	139.91348	45.14567	56.83744	10.40549	0.0616237	2.5978620	64111	(89139)	16.7	359.70033	265.17426	42.75111	3.43719	0.1666096	2.2913497	64131
(89088)	15.6	258.07072	77.89385	272.61244	2.86037	0.0371837	2.7143621	64111	(89140)	15.1	115.29574	252.13754	231.65531	11.56159	0.1341898	2.6906578	64132
(89089)	16.1	165.85662	208.50785	283.22890	5.23869	0.0705811	2.4539479	64112	(89141)	14.6	146.15735	180.46665	257.72368	10.24699	0.1184934	3.0227375	64132
(89090)	17.1	11.89943	329.34685	321.70622	3.99607	0.1397024	2.2842722	64112	(89142)	14.5	93.40600	234.78682	340.72125	10.07453	0.1699429	2.3620673	64133
(89091)	15.2	32.65997	297.93616	319.71058	4.92186	0.1269472	2.4462447	64112	(89143)	16.2	310.31930	215.47619	112.83120	7.53570	0.1482148	2.3842861	64133
(89092)	17.2	350.12728	359.03909	339.30738	2.97207	0.1826064	2.1757750	64113	(89144)	15.3	22.42824	158.64405	82.66875	9.34060	0.0506033	2.5423121	64134
(89093)	15.7	64.43538	308.89582	301.20487	3.30067	0.1269721	2.3123610	64113	(89145)	16.5	296.94406	248.92793	127.65904	6.37741	0.1876202	2.2784390	64134
(89094)	16.7	330.98346	3.17714	324.88373	4.17604	0.1726950	2.3385086	64114	(89146)	14.9	329.43337	224.76780	60.01052	14.71572	0.0661629	2.6567951	64134
(89095)	15.6	40.51439	260.76726	359.79288	6.26506	0.0914628	2.4071574	64114	(89147)	15.9	257.63900	208.41287	144.21149	6.18932	0.0504620	2.7366587	64135
(89096)	15.1	74.24186	242.53348	3.60851	5.03580	0.1298802	2.2935989	64114	(89148)	14.9	169.68377	267.80225	139.02889	6.91283	0.1600405	3.1312797	64135
(89097)	16.8	351.27529	31.45253	281.47015	3.12236	0.1167419	2.3465222	64115	(89149)	15.2	282.29687	252.75450	129.50146	7.02211	0.1209724	2.3552707	64135
(89098)	15.5	97.41639	316.64420	255.69470	6.18101	0.0648840	2.3924932	64115	(89150)	15.1	217.56283	257.10836	142.59631	7.76844	0.1251364	2.7136987	64136
(89099)	14.8	292.39874	12.76787	29.73801	5.92591	0.1313437	2.3995978	64116	(89151)	16.2	247.59339	312.66042	113.72915	7.48146	0.1058929	2.3658267	64136
(89100)	15.8	327.47138	329.34333	13.16398	7.04569	0.1551629	2.3596741	64116	(89152)	14.9	278.61700	256.02326	83.94739	8.51252	0.1094956	2.6273044	64137
(89101)	16.5	332.80886	173.82658	128.91874	7.68351	0.1531410	2.3297430	64116	(89153)	16.6	313.10969	306.93952	2.68815	2.22674	0.1926883	2.4363125	64137

(89154)	16.2	145.62924	29.19442	63.75184	0.60873	0.0337940	2.8000430	64137	(89206)	15.8	129.80055	351.69195	102.56681	2.50294	0.0909530	3.0920158	64157
(89155)	16.0	239.88972	163.81833	203.42393	5.64812	0.0254470	2.7184526	64137	(89207)	15.9	310.90587	146.47593	170.48033	3.20750	0.0736732	2.5439333	64158
(89156)	16.1	182.74105	224.07874	200.86179	5.89882	0.0317792	2.7516160	64138	(89208)	15.3	108.23440	50.09901	64.50521	5.53923	0.0811994	3.0445691	64158
(89157)	15.8	9.36788	166.30450	140.34812	5.53303	0.1899738	2.2201236	64138	(89209)	15.7	68.53748	356.01777	211.27089	4.72851	0.1579101	2.6179403	64158
(89158)	16.2	127.00281	42.35853	152.39310	2.98724	0.0809897	2.2821397	64138	(89210)	15.9	180.72177	270.97534	151.60738	2.49430	0.0674238	2.9044548	64159
(89159)	15.3	326.28794	109.58833	177.78425	1.81777	0.0174956	2.7248643	64139	(89211)	15.7	218.88977	344.42545	52.35186	6.96672	0.0730165	2.8467320	64159
(89160)	16.8	353.62046	250.18413	88.24766	1.78548	0.1875732	2.1592917	64139	(89212)	15.6	291.67741	265.73489	68.89395	7.00031	0.2797303	2.5302050	64159
(89161)	16.3	325.51882	192.97020	122.34981	5.82686	0.1775590	2.4295775	64140	(89213)	15.1	278.14114	263.66868	75.69672	6.03634	0.1725743	2.7137733	64160
(89162)	15.3	206.35119	314.40895	80.76055	2.80009	0.1240287	2.9154990	64140	(89214)	15.2	304.75585	297.10158	8.00481	7.37029	0.0676678	2.7203205	64160
(89163)	15.2	292.80622	266.60623	68.65623	15.10731	0.1063999	2.5999806	64140	(89215)	15.2	304.67275	99.76041	212.70810	2.59416	0.0608504	2.7217049	64160
(89164)	14.3	137.35778	19.12411	91.04417	11.06721	0.0747290	2.9747417	64141	(89216)	15.7	58.04913	31.41060	211.03980	2.49651	0.1158143	2.4309131	64161
(89165)	16.5	337.71596	190.91191	133.45219	5.38049	0.2015077	2.3263241	64141	(89217)	14.6	62.48805	91.55895	87.34192	2.23483	0.1243332	3.1123453	64161
(89166)	15.0	336.47780	103.19311	199.33395	14.53270	0.1289610	2.5364577	64141	(89218)	15.1	340.40466	231.01524	49.16815	5.96671	0.0814064	2.7267195	64162
(89167)	14.0	172.37796	331.89736	80.86145	14.57106	0.0961019	3.1610982	64142	(89219)	16.5	315.25357	120.95751	192.31523	2.74709	0.1369741	2.5282162	64162
(89168)	15.9	313.98308	208.40054	149.08073	7.64645	0.1309373	2.3292079	64142	(89220)	15.8	339.36271	200.35071	76.14020	5.06673	0.0573193	2.7181843	64162
(89169)	15.3	128.79601	94.27677	80.64690	9.08334	0.1208460	2.4625787	64142	(89221)	15.5	253.82102	163.40841	206.84466	3.34504	0.1243565	2.6879652	64163
(89170)	15.1	235.92085	183.19548	187.37959	3.91363	0.1023618	2.7819833	64143	(89222)	15.9	248.38525	220.12684	217.16791	2.93546	0.1256363	2.3603428	64163
(89171)	15.5	50.95157	312.18180	225.47931	2.53409	0.0318550	2.7966038	64144	(89223)	16.6	345.33285	280.59324	58.91270	3.14411	0.2174440	2.2195068	64164
(89172)	15.3	104.62800	309.51394	204.25588	12.00102	0.1140556	2.5721801	64144	(89224)	15.2	221.43107	299.03485	96.31030	13.94252	0.1806218	2.6727075	64164
(89173)	13.7	140.42581	208.16082	216.05363	16.46584	0.2026731	3.1590971	64144	(89225)	14.9	123.15699	322.71911	150.21093	12.81346	0.0946388	3.0313130	64164
(89174)	16.1	8.09111	348.10999	296.42659	5.66343	0.1753626	2.2305532	64145	(89226)	15.2	247.49380	253.20244	123.22393	6.03042	0.0664112	2.7068160	64165
(89175)	15.5	103.38243	106.64748	353.14337	1.76221	0.1531301	3.3202106	64145	(89227)	14.8	20.11990	31.87830	204.84035	14.05981	0.1612607	2.6925608	64165
(89176)	16.0	135.53259	26.87904	158.07636	0.23217	0.1268645	2.3007039	64145	(89228)	15.3	290.80258	154.18861	168.10401	5.21518	0.1048055	2.7320744	64165
(89177)	15.2	51.67281	220.82266	16.38985	2.56365	0.1370543	2.4245689	64146	(89229)	13.3	212.26504	282.16986	113.81506	21.33601	0.2277358	3.1097761	64166
(89178)	15.2	264.28401	74.03732	260.52693	7.90243	0.0259908	2.7538006	64146	(89230)	14.4	94.22528	82.70359	62.03057	11.77864	0.0831536	3.2055403	64166
(89179)	15.3	304.07783	70.69795	292.45164	4.33441	0.1004910	2.3548041	64146	(89231)	15.3	90.28231	76.42234	44.37573	8.75198	0.0295571	3.1920142	64166
(89180)	14.9	271.57438	310.24567	39.79616	9.35254	0.1313030	2.7072567	64147	(89232)	16.3	55.50583	194.85584	44.50763	8.55288	0.1495033	2.5800159	64167
(89181)	16.2	324.65606	355.38498	22.76852	6.41896	0.1718087	2.1968444	64147	(89233)	15.8	354.53782	67.58797	202.29706	4.66282	0.1503619	2.6262027	64167
(89182)	14.0	191.79533	349.18349	57.96610	12.10505	0.0968396	3.0577510	64148	(89234)	16.5	344.74290	81.08245	189.20121	1.61454	0.1180004	2.5958383	64167
(89183)	16.2	51.27811	22.77651	209.47574	2.94149	0.1495357	2.3921192	64148	(89235)	15.5	80.93765	90.17660	76.74691	3.01054	0.0224276	2.9005949	64168
(89184)	15.9	248.97171	300.89232	114.98070	3.15065	0.1168556	2.3879907	64148	(89236)	16.7	260.46858	218.56207	190.89310	5.61142	0.0591724	2.4144209	64168
(89185)	15.1	227.01943	227.35358	147.81965	5.00499	0.0843424	2.7990340	64149	(89237)	14.6	58.95012	169.60318	62.81551	18.32674	0.1262896	2.5820866	64168
(89186)	15.4	173.97571	328.81064	106.32908	3.20573	0.0710583	2.8497363	64149	(89238)	15.7	229.87345	237.42504	210.01457	5.74295	0.0888408	2.4268091	64169
(89187)	16.4	352.94777	143.30342	174.27169	5.55217	0.2042645	2.2338325	64149	(89239)	15.7	263.37480	192.69497	152.54895	2.59727	0.0724299	2.8934226	64169
(89188)	16.4	341.50151	145.99208	184.01514	4.52706	0.1995911	2.2568060	64150	(89240)	16.1	319.38478	159.41009	148.37255	2.93936	0.1281568	2.5966388	64169
(89189)	16.2	321.35011	179.10570	168.59771	3.01110	0.0280895	2.3852397	64150	(89241)	15.2	76.45392	101.46789	55.38912	10.44165	0.0322313	3.1143148	64170
(89190)	15.8	276.97166	221.58963	183.59824	6.19153	0.1226101	2.3347618	64151	(89242)	15.4	282.29618	160.08849	180.36542	4.73501	0.0648428	2.7129342	64170
(89191)	15.4	243.44339	187.49349	186.37809	5.51023	0.1289848	2.7415316	64151	(89243)	15.4	258.71827	279.69586	70.45025	3.09594	0.0603492	2.8636334	64170
(89192)	15.0	70.34883	179.41529	70.85210	4.67514	0.1229922	2.3219448	64151	(89244)	15.7	179.01794	354.84375	69.75952	9.42062	0.0829649	2.7116539	64171
(89193)	14.5	59.27487	290.19736	303.67246	7.85524	0.1867403	2.3766247	64152	(89245)	14.2	0.08884	274.39620	12.25516	14.24653	0.0932743	2.5849286	64171
(89194)	16.0	330.08173	198.09145	97.43132	6.54109	0.1320738	2.4640245	64152	(89246)	14.7	345.47632	327.99452	345.84432	11.42150	0.1343958	2.4502660	64171
(89195)	16.9	279.42581	313.33932	96.46647	5.57881	0.1296804	2.2536040	64153	(89247)	14.0	144.27404	150.20483	7.65352	14.16616	0.1458896	2.6866964	64172
(89196)	15.9	116.51601	64.74037	44.63066	10.62894	0.0577660	3.0655517	64153	(89248)	15.3	50.73646	129.79236	47.62825	10.42270	0.0868204	2.9611049	64172
(89197)	15.2	146.69306	56.28726	44.66477	2.63329	0.0318667	2.8744342	64153	(89249)	15.7	70.40937	225.36507	1.62936	2.47687	0.1505639	2.4196364	64172
(89198)	15.3	311.95425	284.62071	64.75700	7.72763	0.1142917	2.4157476	64154	(89250)	16.3	359.05959	217.42347	72.70952	6.87932	0.2352673	2.3439506	64173
(89199)	15.6	279.18624	288.25211	67.22245	1.73639	0.2029848	2.5539207	64154	(89251)	16.1	37.47607	96.03509	157.64649	1.74481	0.1412806	2.4481163	64173
(89200)	15.3	3.24506	25.53102	269.74560	6.50059	0.1834352	2.2713121	64155	(89252)	15.8	256.78539	112.55565	244.10863	0.66182	0.0814625	2.7692001	64173
(89201)	16.0	65.78855	152.20136	75.13332	3.46088	0.1421637	2.4218716	64155	(89253)	15.2	249.85813	308.83053	52.07517	13.38311	0.1166298	2.5830079	64173
(89202)	15.8	63.94670	325.36758	207.25130	11.22484	0.0900344	3.0942873	64156	(89254)	14.8	173.34883	313.27489	129.43855	10.36766	0.1166135	2.7465126	64174
(89203)	15.1	320.05274	183.17485	112.08157	10.02234	0.0714701	2.6391184	64156	(89255)	15.6	75.78742	293.92945	230.85939	6.75860	0.0703090	2.9237348	64174
(89204)	14.6	166.42607	294.98239	162.73808	12.53240	0.1165662	2.7732710	64156	(89256)	15.6	356.44994	172.12160	119.97499	6.49057	0.1624139	2.2663623	64175
(89205)	15.8	338.10055	191.68339	111.72488	8.84514	0.2728870	2.3590751	64157	(89257)	15.1	71.60166	89.43333	60.55734	2.25070	0.1228449	3.1793558	64175

(89258)	15.8	34.70696	219.19168	31.68707	11.28393	0.2007798	2.4651451	64175	(89310)	15.2	206.36232	134.25551	255.80568	3.93712	0.1699406	3.0907159	64195
(89259)	15.9	85.07945	137.74895	6.34116	2.39389	0.1305941	3.0869122	64175	(89311)	15.9	330.06747	87.89897	253.43662	0.76239	0.2006869	2.3610723	64195
(89260)	15.4	0.28867	169.85954	88.24039	16.27392	0.1026890	2.5786528	64176	(89312)	16.0	298.79993	137.62074	231.79447	4.75855	0.1272923	2.4393201	64196
(89261)	14.0	256.81423	271.91610	96.21071	22.99000	0.0661884	2.6119349	64176	(89313)	15.9	334.72867	115.53549	229.57635	5.50449	0.1566353	2.3308969	64196
(89262)	16.4	335.26915	294.97329	47.82919	5.73119	0.2543530	2.2473422	64176	(89314)	14.6	199.36509	352.01689	64.77652	10.47335	0.0693106	2.9468450	64196
(89263)	14.8	303.88342	152.60974	255.33542	4.60517	0.1657877	2.2791997	64177	(89315)	14.9	311.52848	79.24294	255.78754	0.95829	0.1631905	2.5263371	64197
(89264)	16.4	306.48321	265.13502	96.71095	11.63169	0.1383117	2.3622905	64177	(89316)	16.6	282.06450	196.90883	211.42544	5.48235	0.1226314	2.3422022	64197
(89265)	14.4	106.33248	32.58598	94.96020	15.02045	0.1223991	3.1695947	64178	(89317)	16.0	359.19021	257.40547	59.18297	7.28849	0.1477230	2.3671222	64197
(89266)	14.8	130.40795	231.79125	225.71245	12.56487	0.0886301	3.1281944	64178	(89318)	14.7	240.90083	294.05674	78.07993	8.52978	0.2408312	2.8049110	64198
(89267)	15.3	252.60272	118.82151	217.85810	3.31376	0.1011500	3.0389804	64178	(89319)	14.4	241.15447	309.28244	61.11976	10.30792	0.0996750	2.9596458	64198
(89268)	15.9	352.84474	37.58210	287.06700	2.03243	0.2365524	2.2519150	64179	(89320)	16.9	279.41666	12.99651	38.68026	0.47829	0.1967379	2.3353640	64199
(89269)	16.7	323.38334	282.23146	89.36326	7.39536	0.1541728	2.2395087	64179	(89321)	15.5	290.47985	330.16349	75.86704	8.32131	0.1756063	2.2990737	64199
(89270)	15.8	86.53744	264.12144	325.12759	6.62804	0.1028013	2.2812418	64179	(89322)	15.9	267.73419	229.09957	188.87412	1.89607	0.2109221	2.3801467	64199
(89271)	16.1	335.86742	11.63213	326.37980	6.17911	0.1373502	2.2824154	64180	(89323)	15.7	255.35720	339.72130	72.87912	9.33578	0.0556081	2.5464920	64200
(89272)	14.8	293.77844	35.97973	283.01062	11.93717	0.1647749	2.6681382	64180	(89324)	16.0	276.53753	295.17050	118.70903	2.92105	0.1955433	2.3489163	64200
(89273)	13.7	228.73324	232.64843	256.22151	23.61497	0.2689805	2.3141409	64181	(89325)	15.4	289.62890	351.36716	34.98071	3.21357	0.2077079	2.3950318	64200
(89274)	14.7	168.45228	195.25992	291.62343	12.58689	0.1325375	2.6761808	64181	(89326)	15.7	329.41886	266.07037	89.82060	6.83336	0.1404309	2.3647511	64201
(89275)	14.2	249.25061	99.69653	328.69675	8.85829	0.1076632	2.4330532	64181	(89327)	15.7	339.44158	271.58557	81.55426	7.51820	0.1554066	2.3388575	64201
(89276)	15.4	8.55914	303.14764	351.16523	5.67138	0.1266808	2.4427137	64182	(89328)	14.3	294.02909	271.02790	73.85272	13.96590	0.2167752	2.6767752	64202
(89277)	14.1	211.62640	359.28173	42.56874	22.90447	0.0429121	2.5535255	64182	(89329)	15.0	288.48805	337.57027	87.12022	4.59190	0.1418941	2.3092075	64202
(89278)	14.9	308.36551	171.73519	153.18921	9.82566	0.0937600	2.6101362	64183	(89330)	15.3	257.32139	186.58009	269.89214	5.14451	0.1487106	2.3539819	64203
(89279)	16.1	359.95610	348.28227	347.51988	5.56050	0.1010906	2.1706072	64183	(89331)	15.1	199.59670	103.99070	52.79659	6.29426	0.1030229	2.3178313	64203
(89280)	15.0	205.74249	145.97043	256.70341	11.61139	0.1482736	2.6345733	64183	(89332)	15.0	246.24829	339.63521	90.50264	13.80849	0.1324688	2.5640626	64203
(89281)	14.5	205.07757	174.67940	225.11803	21.14646	0.0751051	2.6623182	64184	(89333)	13.9	56.20264	274.68639	257.59298	9.42455	0.1166097	3.0368036	64204
(89282)	16.5	294.32085	187.42482	144.99031	4.89864	0.1714560	2.5555840	64184	(89334)	15.9	347.22189	319.55000	319.53724	4.77980	0.1473938	2.5447552	64204
(89283)	13.5	146.76675	358.40650	103.29716	22.85101	0.0223669	3.0414053	64184	(89335)	15.6	342.04356	48.33907	258.86189	4.89881	0.2283650	2.3252569	64204
(89284)	16.7	352.02893	184.74685	121.98987	1.06686	0.0728135	2.3897638	64185	(89336)	15.4	325.56906	350.18568	296.51549	4.33475	0.0862519	2.6975519	64205
(89285)	15.1	112.86077	137.61231	36.35312	5.32431	0.0409527	2.5453954	64185	(89337)	15.2	315.45261	281.77979	1.97210	8.58355	0.1217652	2.7859369	64205
(89286)	15.0	327.28497	44.92939	239.79799	4.64097	0.0366058	2.7706304	64185	(89338)	14.3	337.53271	7.55935	256.80231	11.54440	0.1030258	2.7863408	64205
(89287)	16.4	17.03195	289.02122	12.63367	2.05757	0.0523944	2.2960177	64186	(89339)	14.8	289.79905	332.20234	337.89210	5.22645	0.0135545	2.8064774	64206
(89288)	14.9	139.68303	288.12197	233.33593	6.23165	0.1410246	2.5417772	64186	(89340)	15.1	216.31843	339.48763	29.37156	11.33269	0.1325671	2.9712534	64206
(89289)	15.2	169.84371	128.39719	313.02216	1.18996	0.0383499	2.9009188	64187	(89341)	15.3	5.46905	299.82345	306.91522	4.16262	0.1053117	2.7568824	64206
(89290)	15.8	346.19986	69.13605	271.29679	3.12382	0.1675611	2.2347851	64187	(89342)	15.4	41.07896	346.44775	265.49326	6.79752	0.1563283	2.4298114	64207
(89291)	14.9	315.13539	251.14803	54.68210	11.57758	0.1222839	2.7325757	64187	(89343)	14.7	319.62004	39.25362	252.46089	11.22226	0.0781968	2.7864345	64207
(89292)	15.7	315.60454	100.45999	250.43365	3.69754	0.1451857	2.3797200	64188	(89344)	16.3	341.82209	289.48469	40.33956	7.48275	0.1429607	2.3084611	64208
(89293)	15.4	92.22195	89.41692	64.18666	2.41482	0.0282614	3.0575981	64188	(89345)	16.1	345.33368	51.44228	280.58930	4.33592	0.1616558	2.2886389	64208
(89294)	15.8	251.58909	281.15934	163.99729	0.73830	0.1630151	2.3318444	64189	(89346)	16.2	294.06541	350.25063	43.13293	8.13698	0.1749982	2.2924737	64208
(89295)	16.5	326.28523	129.78916	237.65607	3.68003	0.2011337	2.2207411	64189	(89347)	14.5	35.07440	210.00452	46.99266	13.90726	0.1069079	2.5726471	64209
(89296)	14.5	215.85957	192.22688	248.10024	8.00689	0.0391997	2.5797986	64190	(89348)	14.8	264.88405	27.63565	318.90105	3.21050	0.2802050	2.6778184	64209
(89297)	14.7	190.80630	150.79461	248.59473	7.83557	0.0800468	3.1831028	64190	(89349)	14.1	225.11736	325.51890	54.86753	12.36149	0.0869183	3.0468078	64209
(89298)	15.4	287.84593	336.70655	64.22073	6.75919	0.1473672	2.3132964	64190	(89350)	15.6	268.50130	324.23788	91.78194	5.52117	0.0810535	2.4311028	64210
(89299)	14.8	254.22760	260.58717	102.21055	3.74589	0.1217702	2.7889995	64191	(89351)	14.9	213.17398	357.51320	92.65525	8.48490	0.0622030	2.3345031	64210
(89300)	15.5	333.57880	276.59560	49.57660	2.33578	0.0259494	2.5359782	64191	(89352)	14.2	179.87598	342.77098	85.13849	9.31466	0.2101731	2.7978763	64211
(89301)	14.5	307.28942	71.59598	242.87157	10.38736	0.2017617	2.6843324	64192	(89353)	16.1	30.76402	318.77069	266.14220	3.83049	0.1295595	2.6272844	64211
(89302)	15.5	322.76142	293.43236	66.66695	7.70148	0.1435141	2.3171051	64192	(89354)	15.2	323.03612	290.80377	352.06719	4.47286	0.0939730	2.7519876	64211
(89303)	14.7	249.42581	133.59072	242.18716	6.23421	0.1094030	2.7808564	64192	(89355)	15.6	351.54557	84.77848	103.21970	22.66965	0.3081663	1.7869103	64212
(89304)	16.0	253.93479	52.45355	10.30350	1.24040	0.1378268	2.4403175	64193	(89356)	15.4	306.21903	88.61366	227.77411	3.30428	0.0442683	2.7078081	64213
(89305)	16.0	331.19949	30.79816	307.61450	1.90381	0.2404980	2.3256604	64193	(89357)	15.5	326.39740	177.40902	134.51005	9.98685	0.0787231	2.5961993	64214
(89306)	15.8	307.20984	261.75478	67.96674	3.10592	0.1555716	2.6258945	64193	(89358)	15.4	344.08038	291.11416	76.30935	7.10533	0.1121796	2.2539894	64214
(89307)	14.6	264.71108	167.40284	209.27124	3.07342	0.2065197	2.5779249	64194	(89359)	16.0	283.83427	342.78263	84.78871	2.27378	0.1790150	2.3066432	64214
(89308)	14.7	316.95655	81.64928	238.96373	11.50065	0.1792338	2.6044009	64194	(89360)	15.5	323.52183	1.56494	283.57148	5.25327	0.0146624	2.7812035	64215
(89309)	16.3	333.74898	266.82249	93.00378	6.02020	0.2073840	2.2350601	64195	(89361)	15.2	316.54877	68.94104	236.40415	14.06646	0.1488190	2.5769309	64215

(89362)	15.8	257.48844	54.04168	9.07234	7.02138	0.0863936	2.3356204	64215	(89414)	14.7	143.53811	343.13451	104.99825	11.29429	0.0985484	3.0869766	64233
(89363)	13.9	174.24394	93.53966	68.52954	12.79842	0.2219645	2.5994284	64216	(89415)	15.7	341.65240	61.27470	222.09023	3.85308	0.1354061	2.5546508	64233
(89364)	15.4	223.68878	12.63814	92.29255	3.47311	0.1158545	2.5937041	64216	(89416)	16.8	358.96837	222.38925	97.13357	2.23795	0.1168413	2.2774116	64233
(89365)	16.2	342.95619	201.44265	136.16931	2.19716	0.2587970	2.2445618	64217	(89417)	15.9	261.14837	314.92194	107.41349	3.20436	0.1949905	2.3694097	64233
(89366)	15.6	150.20193	278.48983	247.26786	6.52639	0.0420345	2.3109942	64217	(89418)	16.8	302.66598	224.31297	145.37897	3.21747	0.1852866	2.3466337	64234
(89367)	14.7	33.41355	245.53423	302.69694	9.16128	0.0737440	3.1171440	64217	(89419)	15.7	23.31321	178.33188	114.68075	7.65380	0.1055305	2.3565379	64234
(89368)	15.1	293.17950	336.67717	342.31782	2.45973	0.0066638	2.8331243	64218	(89420)	16.1	312.44794	230.98889	145.38679	4.08015	0.1194482	2.2969708	64235
(89369)	14.4	355.40589	198.20982	81.20621	14.63650	0.1683282	2.6354201	64218	(89421)	15.5	256.47011	232.39839	144.42232	4.87132	0.2213835	2.6286153	64235
(89370)	14.3	50.88630	314.40467	254.27855	12.24537	0.0871462	2.5303236	64218	(89422)	14.6	318.27014	224.70879	90.73938	15.42079	0.1488091	2.6479025	64235
(89371)	14.8	276.69070	198.12374	132.81064	17.03150	0.0461120	3.0861176	64219	(89423)	16.4	275.99664	220.92917	184.37725	5.66654	0.1039475	2.3785812	64236
(89372)	15.4	99.64717	95.53854	111.81172	22.36450	0.0562556	2.5977777	64219	(89424)	16.6	292.43152	219.77830	164.23954	4.05423	0.1664122	2.3523810	64236
(89373)	15.7	338.62786	72.44403	185.00877	3.01193	0.0748502	3.0312424	64219	(89425)	14.2	147.17755	12.82221	86.92587	11.40739	0.0843041	3.0971129	64236
(89374)	14.9	306.39904	224.30325	90.37091	15.54800	0.1199506	2.6293702	64219	(89426)	17.3	317.13819	235.63687	123.97783	5.38314	0.2181988	2.3248440	64237
(89375)	14.8	199.00950	238.05151	151.84664	10.01794	0.0741298	3.0748844	64220	(89427)	14.9	348.68249	204.45739	99.21668	13.48316	0.0801864	2.6125481	64237
(89376)	15.5	303.24336	197.72499	121.93350	10.66652	0.1425360	2.6186017	64220	(89428)	14.0	218.32675	287.15683	103.39742	11.68222	0.1701586	2.9782971	64237
(89377)	14.6	285.12465	165.44210	179.34152	14.04499	0.1220730	2.6779163	64221	(89429)	14.4	300.18660	222.20772	101.06598	14.70832	0.2005846	2.7714758	64238
(89378)	14.5	133.03715	322.68303	153.29299	13.78076	0.1089892	3.1260411	64221	(89430)	15.1	273.76992	218.57623	160.34724	5.92858	0.2462601	2.5364130	64238
(89379)	15.0	304.27599	193.62501	135.17905	13.15996	0.1905237	2.6091956	64221	(89431)	15.2	6.75524	199.73377	132.65348	5.34829	0.1624431	2.3180111	64238
(89380)	15.6	283.27403	165.82921	180.41457	12.10710	0.1712626	2.6365402	64222	(89432)	15.1	271.89109	197.09390	202.41666	5.82322	0.1343661	2.4696538	64239
(89381)	15.2	277.53215	163.07693	190.42664	12.53235	0.2432146	2.6646261	64222	(89433)	15.4	252.73908	239.98056	185.50077	4.69554	0.1863909	2.5665304	64239
(89382)	14.9	229.27738	313.11262	126.74336	14.93980	0.1185792	2.5621980	64222	(89434)	15.1	272.75770	245.75293	176.02082	5.59697	0.1723710	2.4626259	64239
(89383)	14.5	275.31043	276.41755	100.93332	22.77711	0.0151659	2.5460544	64223	(89435)	15.2	310.22974	187.10904	113.13034	12.55800	0.0935510	2.6373330	64240
(89384)	15.4	80.08841	321.07678	262.60299	5.74090	0.0853630	2.4298373	64223	(89436)	15.4	276.94836	8.12239	308.64027	1.07847	0.0670555	2.9975394	64240
(89385)	15.1	41.12805	145.20848	43.25918	16.37065	0.0850521	3.2008425	64223	(89437)	16.0	319.01877	327.29690	350.30804	3.19300	0.1934385	2.5297063	64241
(89386)	16.2	321.92002	324.98176	348.76167	2.64780	0.1787184	2.5350011	64223	(89438)	14.9	281.72596	226.96960	107.05960	12.29440	0.0546543	2.7769407	64241
(89387)	16.0	302.38058	66.44096	260.78308	0.72820	0.1789610	2.5490589	64224	(89439)	15.8	285.53053	246.11327	105.08146	12.52145	0.1075803	2.6033919	64241
(89388)	16.4	359.13993	357.35200	291.11533	2.96881	0.2088843	2.3659576	64224	(89440)	16.2	44.58283	217.98230	34.99391	1.95312	0.1233504	2.4151205	64241
(89389)	15.5	83.23024	187.38741	334.29562	1.14316	0.0446804	3.0236899	64224	(89441)	15.7	355.51073	0.93891	250.39788	3.10808	0.0529365	2.7994641	64242
(89390)	15.2	321.93471	253.27209	35.42019	2.53754	0.0461752	2.8763699	64225	(89442)	16.0	36.24240	305.11023	305.20489	1.13094	0.2068028	2.4542123	64242
(89391)	15.6	65.56538	342.06898	275.51095	6.06102	0.0944618	2.3440259	64225	(89443)	15.2	277.88954	77.82705	230.13682	0.88648	0.0592598	3.0306823	64242
(89392)	16.4	301.79528	308.81588	21.32266	3.84017	0.1960220	2.5713883	64225	(89444)	16.1	333.01583	49.33800	233.72715	8.20290	0.1296676	2.7150770	64243
(89393)	15.3	295.98839	263.22287	66.87045	5.31935	0.0704881	2.7958987	64225	(89445)	16.2	35.33065	52.59743	207.39243	1.50828	0.2187136	2.4558579	64243
(89394)	15.3	107.46074	158.73731	40.80952	5.26990	0.0470529	2.5739655	64226	(89446)	16.3	214.17458	209.65984	183.50432	2.02319	0.0762308	2.9105321	64243
(89395)	14.7	309.70245	267.89228	59.43910	5.31337	0.1625396	2.6793111	64226	(89447)	15.5	340.32933	100.06206	243.87468	5.54249	0.2389742	2.3373899	64243
(89396)	14.9	89.54785	311.21478	260.23870	10.47053	0.1269485	2.5677612	64227	(89448)	15.7	84.92520	169.65551	34.25920	14.30768	0.0522833	2.5994672	64244
(89397)	15.9	13.76125	240.26469	47.09660	8.61684	0.1982932	2.4002078	64227	(89449)	14.2	76.97607	74.08187	86.70968	19.19557	0.0540837	3.1184158	64244
(89398)	14.9	311.12269	223.18638	54.40784	12.76228	0.0853554	3.1926198	64227	(89450)	15.2	265.58984	222.18548	121.25513	7.22648	0.0884084	2.8352838	64244
(89399)	15.8	315.34647	334.10449	62.96520	4.82654	0.1450957	2.2544684	64227	(89451)	14.8	112.77186	281.85369	203.29964	9.89125	0.0901901	3.2215362	64244
(89400)	15.5	247.11846	101.12767	327.45902	1.88538	0.1685704	2.4462265	64228	(89452)	16.8	291.82422	204.00030	177.44434	5.80982	0.1360100	2.4336740	64245
(89401)	15.7	46.77206	140.84536	51.95225	1.94780	0.1554059	3.1859982	64228	(89453)	15.8	355.13961	16.28535	226.63044	9.18025	0.0349365	3.0063466	64245
(89402)	14.3	272.09121	132.17934	222.05092	8.80200	0.2150971	2.6967605	64228	(89454)	15.3	283.70453	284.42013	57.40138	22.23822	0.3190113	2.3047298	64245
(89403)	17.1	5.30513	179.18672	108.24613	2.45910	0.1701153	2.4119787	64229	(89455)	15.6	341.06130	207.88023	129.71800	7.23854	0.1401953	2.3733543	64246
(89404)	16.6	27.85953	214.28927	88.30970	5.50444	0.1624515	2.2242941	64229	(89456)	16.2	6.20877	220.75912	85.51564	6.05038	0.1275284	2.3592223	64246
(89405)	14.8	59.32777	163.19987	111.69245	7.09786	0.1049534	2.2676173	64229	(89457)	14.7	272.94894	201.92522	125.45829	2.91892	0.0731265	2.9766140	64246
(89406)	16.0	5.41019	222.92176	108.40330	6.42415	0.2004103	2.1983794	64230	(89458)	15.4	129.00601	38.53431	129.32851	14.45196	0.0934161	2.5815604	64247
(89407)	16.0	291.34053	260.93437	127.25203	6.96871	0.1194676	2.3747649	64230	(89459)	14.8	314.75219	197.34608	118.60046	14.62917	0.1743487	2.5855827	64247
(89408)	15.9	71.72404	357.15131	220.16378	7.08511	0.1537100	2.5898753	64231	(89460)	14.6	138.13286	327.01106	130.51650	18.85386	0.1090193	3.1790205	64247
(89409)	16.7	352.82351	161.18526	168.28318	6.18429	0.1467173	2.2905803	64231	(89461)	14.6	286.98560	38.46431	298.12769	11.94988	0.1793118	2.6440710	64248
(89410)	15.5	337.98676	179.11267	151.70047	7.16582	0.1365564	2.4437035	64231	(89462)	15.4	109.63441	8.46987	136.49791	4.48601	0.0370307	2.7978910	64248
(89411)	15.7	212.51614	69.79103	302.80221	0.92582	0.0798000	2.9169600	64231	(89463)	14.7	235.10239	150.41327	315.73241	11.35279	0.1354712	2.3288984	64248
(89412)	15.0	21.32481	173.96008	30.26243	9.36917	0.0710264	2.9745085	64232	(89464)	14.9	191.55591	182.62563	306.78835	12.98273	0.1816061	2.6036843	64249
(89413)	15.7	97.35701	75.34675	125.44861	7.36680	0.0591419	2.4325667	64232	(89465)	13.9	120.78731	239.60345	280.76850	20.76997	0.1158978	3.1720058	64249

(89466)	15.1	270.68535	82.18097	17.89360	4.72162	0.0946240	2.2125138	64249	(89518)	16.1	329.58676	241.78807	108.09315	3.65084	0.2574474	2.3447554	64267
(89467)	15.4	312.01623	352.17254	40.33913	5.49836	0.1564247	2.2907007	64250	(89519)	15.2	312.25513	240.29519	123.87501	3.23143	0.1841214	2.4419479	64268
(89468)	15.2	194.15484	61.32167	62.53336	8.54536	0.0261961	2.6012396	64250	(89520)	15.0	205.71631	241.15396	239.24263	3.08676	0.1868721	2.5967246	64268
(89469)	15.2	296.37628	12.15279	3.36600	5.71616	0.1245334	2.5451381	64250	(89521)	15.6	241.31797	318.95373	109.89640	5.46287	0.1801943	2.6038795	64268
(89470)	15.5	303.21719	11.91571	41.96504	7.19238	0.1183963	2.2882611	64251	(89522)	15.9	322.03345	182.99169	212.50826	0.65569	0.2316593	2.2173792	64269
(89471)	15.3	340.12800	306.16810	41.66990	6.59990	0.2075283	2.3906414	64251	(89523)	14.9	257.91121	320.28167	92.25432	10.04563	0.1093648	2.5603079	64269
(89472)	15.9	285.32799	319.37825	80.95891	15.86442	0.0511271	2.5354076	64251	(89524)	16.0	252.09248	337.31908	106.30823	2.88768	0.1424601	2.4767186	64269
(89473)	15.4	247.23329	58.33318	0.68463	3.62738	0.0860290	2.5790011	64252	(89525)	15.2	277.85378	356.23120	76.30914	11.03556	0.2077825	2.4122100	64270
(89474)	15.4	259.36728	320.46972	43.50539	5.61354	0.2099556	2.8379795	64252	(89526)	14.8	15.46811	153.29446	77.47682	6.18549	0.1042742	2.7664444	64270
(89475)	15.0	297.47654	66.90571	340.48974	4.09028	0.1504311	2.3313387	64252	(89527)	15.7	298.28603	118.18560	202.23817	3.85348	0.1100402	2.7016008	64271
(89476)	16.1	299.16870	5.76021	24.45342	5.08377	0.2505558	2.3812829	64252	(89528)	15.6	143.51972	237.47782	211.80749	4.51793	0.0499339	3.2143573	64271
(89477)	15.3	294.56961	301.23956	99.72711	23.08895	0.2576397	2.3894805	64253	(89529)	16.3	20.96907	215.54390	80.34233	6.38714	0.1734866	2.2318063	64271
(89478)	15.8	337.96563	23.90598	322.59580	5.79326	0.1477982	2.4360892	64253	(89530)	15.6	320.61554	211.57729	78.53064	11.44142	0.1199202	2.7486454	64272
(89479)	14.7	265.25483	337.58577	91.70972	13.06315	0.1804841	2.5236731	64253	(89531)	15.3	327.28782	197.78704	63.65310	11.90073	0.0114069	3.0809499	64272
(89480)	14.7	341.04762	9.62526	23.26147	5.36383	0.1764704	2.2516259	64254	(89532)	16.0	8.75941	69.71745	211.61239	2.96377	0.0952902	2.5592367	64272
(89481)	15.6	328.69815	335.98393	56.45954	6.11094	0.2106947	2.3099648	64254	(89533)	16.0	328.84959	198.95718	147.14061	3.07872	0.1811400	2.4050172	64272
(89482)	15.0	322.78528	173.02062	149.36081	8.02594	0.1618154	2.5491566	64255	(89534)	15.7	262.33640	268.48489	152.59134	7.31242	0.0757486	2.4078194	64273
(89483)	15.3	324.06220	150.69495	223.05074	5.82893	0.1457193	2.4010933	64255	(89535)	15.2	278.50938	163.30628	234.33159	12.27038	0.0834892	2.4606561	64273
(89484)	15.8	280.69001	237.64312	160.42455	3.02506	0.1777108	2.4535604	64255	(89536)	15.4	226.95385	294.97401	150.68625	3.20397	0.1326684	2.5613287	64273
(89485)	15.9	319.08506	103.66508	260.34359	3.84948	0.2842076	2.3310523	64256	(89537)	14.7	150.82804	46.57803	115.03950	11.42814	0.0442187	2.7028797	64274
(89486)	14.9	351.40216	57.82318	282.71089	19.97110	0.3481084	2.3513418	64256	(89538)	15.1	329.52342	141.53587	215.26001	1.79212	0.2071863	2.4317277	64274
(89487)	15.1	325.51143	262.48204	114.76816	4.45728	0.1774878	2.3176143	64256	(89539)	15.4	283.17401	205.63452	202.26563	1.75538	0.1764451	2.4455858	64275
(89488)	14.4	25.16834	348.18425	279.04182	9.14835	0.0618340	2.9741177	64257	(89540)	15.2	245.24633	177.89349	262.61943	3.52928	0.1639833	2.5569600	64275
(89489)	17.0	329.71222	162.70369	181.73508	1.59139	0.1454497	2.3981029	64257	(89541)	15.5	300.96655	192.47900	209.82384	5.94847	0.1169764	2.4341732	64275
(89490)	16.5	318.82674	62.49326	309.58966	8.65387	0.0473306	2.3009316	64258	(89542)	15.5	81.20461	165.14713	48.33633	13.53293	0.2067806	2.5733599	64276
(89491)	14.8	165.58091	205.06789	288.96219	11.46808	0.0885333	2.6088016	64258	(89543)	15.7	281.28194	295.38027	40.57089	6.13405	0.0916645	2.7518154	64276
(89492)	15.1	165.70179	181.90971	320.74659	7.87657	0.1373959	2.6119094	64258	(89544)	16.8	345.39344	271.33827	59.72732	6.64094	0.1348764	2.3147367	64276
(89493)	15.4	336.01354	16.77245	339.70748	6.98669	0.1387087	2.2864066	64258	(89545)	15.4	306.56243	60.99217	247.81355	5.98114	0.1102241	2.7795376	64277
(89494)	14.0	309.08755	292.90677	26.84352	13.35785	0.2012935	2.7283563	64259	(89546)	15.6	253.53062	356.08675	1.87443	1.71694	0.0811905	2.8656676	64277
(89495)	14.3	353.76088	252.44355	52.56739	14.87612	0.2102898	2.5857412	64259	(89547)	16.1	330.79967	77.35732	262.26814	7.02511	0.1348714	2.3648156	64277
(89496)	14.2	268.06692	336.21600	32.24538	10.31834	0.2130427	2.7312552	64259	(89548)	15.5	208.97921	89.23034	17.23287	3.25491	0.0893919	2.5568152	64277
(89497)	15.2	58.17758	214.70291	41.31930	12.23797	0.0297246	2.6689659	64260	(89549)	15.3	269.62240	56.28543	312.55830	2.34526	0.2286758	2.6282816	64278
(89498)	13.9	48.95155	294.83348	289.20764	23.83464	0.2658136	3.1895957	64260	(89550)	14.3	173.31845	221.88430	270.05107	11.57910	0.1265033	2.6913494	64278
(89499)	15.1	327.84680	0.28105	11.32809	8.17553	0.1181862	2.4170619	64261	(89551)	15.3	247.87074	68.20278	4.89607	2.39151	0.1532404	2.4753138	64278
(89500)	13.7	174.72615	87.55260	325.30147	11.15465	0.0464577	2.9325320	64261	(89552)	16.1	293.09597	338.65836	59.33546	1.49078	0.2135124	2.3382794	64279
(89501)	14.1	305.32638	68.99887	252.19388	21.05969	0.0167532	2.6259658	64261	(89553)	16.1	304.00015	321.70056	61.85593	3.86673	0.2368132	2.3353255	64279
(89502)	16.5	356.46174	232.21607	67.49664	2.62778	0.0914913	2.5161069	64262	(89554)	15.5	268.92665	27.67744	11.06948	2.40333	0.1617552	2.5323795	64280
(89503)	15.2	114.31208	55.87376	75.30510	10.27079	0.0444111	3.0750763	64262	(89555)	15.7	307.90265	88.09966	279.93428	6.33972	0.1330283	2.4155528	64280
(89504)	15.2	139.91994	217.46751	238.09098	3.15611	0.1085277	3.2141999	64262	(89556)	16.2	310.03465	83.99180	295.74789	1.79955	0.1856389	2.3148482	64280
(89505)	15.2	56.39643	314.37273	239.52956	11.08354	0.0936994	3.0933052	64263	(89557)	15.8	340.21846	277.20138	92.36665	6.77791	0.1584039	2.2761560	64281
(89506)	15.2	151.99935	240.67487	258.51365	7.89923	0.1013443	2.7432824	64263	(89558)	15.5	299.83572	291.78096	80.49497	4.08523	0.0853451	2.5780797	64281
(89507)	16.2	305.44887	156.66797	214.69771	1.99776	0.2238106	2.3287392	64263	(89559)	15.3	252.13383	142.31214	286.50343	10.88417	0.0667291	2.5493472	64281
(89508)	14.4	264.13249	228.36405	104.73990	15.84415	0.0453348	3.0753133	64264	(89560)	15.1	297.05454	57.06700	328.83909	2.92074	0.1701860	2.4478579	64282
(89509)	16.8	319.98420	68.45467	281.08231	0.43135	0.2058170	2.3695561	64264	(89561)	16.0	289.65216	115.47704	289.02119	5.88911	0.1545600	2.4160820	64282
(89510)	15.9	28.58461	184.75968	130.06476	7.53552	0.1223012	2.2639874	64264	(89562)	13.9	129.61510	225.24855	285.79134	25.01984	0.1563714	3.1740782	64283
(89511)	16.2	304.61292	254.16979	115.42081	3.66551	0.1695184	2.3846036	64264	(89563)	15.5	354.34638	275.51823	72.82158	6.64941	0.1287818	2.3062625	64283
(89512)	16.4	280.12545	284.88858	111.92835	2.37510	0.1794743	2.3980326	64265	(89564)	16.1	326.77220	277.62389	87.06703	7.78215	0.2112058	2.2960282	64283
(89513)	16.0	287.55002	219.02741	169.78150	2.38870	0.2064884	2.3849331	64265	(89565)	15.6	346.96128	218.78723	105.80830	14.52477	0.3211495	2.5445389	64284
(89514)	15.5	328.48743	154.46884	210.27015	2.14499	0.1808090	2.2872597	64266	(89566)	15.7	329.68490	49.54867	310.71025	2.61221	0.2879045	2.2842260	64284
(89515)	15.1	256.83016	168.90952	267.85066	5.62764	0.1029282	2.3974914	64266	(89567)	15.4	10.39904	202.12831	108.13712	6.88729	0.1119053	2.3896051	64284
(89516)	14.6	355.94373	213.52736	95.43748	15.73487	0.1111532	2.5429648	64266	(89568)	15.3	321.10764	7.56022	347.86559	4.21194	0.2103669	2.4295057	64285
(89517)	16.1	283.23246	276.51456	113.40467	3.17343	0.1773599	2.4236935	64267	(89569)	15.8	327.98506	354.24379	1.91600	5.64600	0.2381281	2.3649818	64285

(89570)	15.5	342.78943	8.06496	348.60452	4.85731	0.1416701	2.4006584	64285	(89622)	16.4	302.11610	261.98356	126.49434	1.15678	0.2192272	2.4276687	64301
(89571)	15.7	346.39792	329.06952	14.59839	4.19585	0.1764367	2.3777474	64286	(89623)	13.9	57.30144	312.48479	292.43728	15.38101	0.1510002	3.1204661	64301
(89572)	15.0	269.75437	78.20575	325.36589	6.71124	0.2075010	2.5819898	64286	(89624)	13.9	269.83870	229.80568	130.75534	22.47451	0.1034204	3.2289942	64302
(89573)	15.5	315.50386	357.98421	32.61817	4.16194	0.1991063	2.3522495	64286	(89625)	15.6	332.85728	223.47801	131.41794	3.41228	0.2255937	2.4227192	64302
(89574)	14.5	292.22873	294.89837	87.39421	12.63092	0.1766492	2.6017624	64287	(89626)	14.4	92.51667	88.68635	118.72517	16.68793	0.0876720	3.0508435	64302
(89575)	15.0	315.28498	268.19050	95.04838	13.70504	0.1916445	2.5664604	64287	(89627)	16.0	323.63947	15.65459	348.30926	1.62119	0.2396459	2.3639718	64303
(89576)	14.9	263.32727	316.14793	107.90035	10.59412	0.2123925	2.7174988	64287	(89628)	15.9	8.12797	170.06368	146.36711	3.51208	0.1764816	2.2952749	64303
(89577)	15.6	42.94769	21.46025	235.56615	4.39859	0.2044266	2.3918918	64288	(89629)	15.5	317.30661	243.74518	140.03611	6.58672	0.1158371	2.2931169	64304
(89578)	16.1	160.95136	225.94782	210.07339	3.48192	0.1345471	3.1133271	64288	(89630)	15.7	17.47636	173.93434	122.29017	5.68882	0.2528312	2.3624813	64304
(89579)	15.1	346.31774	73.91508	214.10897	3.81491	0.2214613	2.5801912	64288	(89631)	14.8	271.44462	228.33428	106.86584	12.29402	0.0910679	3.0223085	64304
(89580)	15.8	319.24152	115.16688	176.58960	1.81958	0.0811313	2.9058367	64289	(89632)	14.9	317.76886	200.15223	165.57904	3.21182	0.0993216	2.3819402	64304
(89581)	16.5	15.67363	177.62105	129.67943	2.86132	0.1014617	2.3577859	64289	(89633)	15.8	279.34705	239.09229	123.42863	5.40843	0.2727700	2.5690128	64305
(89582)	14.7	74.11733	155.53487	78.31333	19.59430	0.1429074	2.5650099	64289	(89634)	15.9	315.37086	166.13554	199.88047	5.42774	0.1783378	2.3914127	64305
(89583)	15.5	43.59341	127.01850	82.97602	2.15833	0.0656421	3.0758741	64290	(89635)	15.0	269.60097	179.19992	226.95682	5.75840	0.1817082	2.5427926	64306
(89584)	16.0	344.83772	75.29821	240.71057	1.59567	0.1998798	2.4431714	64290	(89636)	15.1	278.24816	216.92729	154.37167	6.63138	0.3413797	2.6376487	64306
(89585)	16.6	352.39619	162.45861	157.90796	2.48860	0.2190660	2.3509126	64290	(89637)	15.1	259.13545	297.14474	113.77779	14.41764	0.0739578	2.6351349	64306
(89586)	16.2	292.66414	178.31990	215.30788	3.13754	0.1667978	2.3422885	64290	(89638)	14.1	207.52298	290.46048	119.46988	16.64106	0.1220261	3.1379231	64306
(89587)	15.6	312.04528	98.94795	220.27444	1.51642	0.2003049	2.6678339	64291	(89639)	16.1	23.34038	281.04147	352.26685	0.93398	0.1613618	2.4285342	64307
(89588)	15.2	18.50692	49.57194	255.32380	6.32373	0.1278485	2.3742737	64291	(89640)	16.5	358.09986	357.12540	302.24268	2.24067	0.1429281	2.3972968	64307
(89589)	15.2	273.80636	247.74051	86.83989	3.16291	0.0777654	2.9058786	64291	(89641)	16.3	19.98456	302.96707	344.02740	2.23079	0.1200674	2.4025968	64307
(89590)	15.3	327.61280	46.83595	236.51138	8.04616	0.0401332	2.9451784	64291	(89642)	16.3	304.37322	214.57341	146.13198	7.37676	0.1160251	2.3826879	64308
(89591)	16.7	333.78769	156.18280	196.22831	2.54717	0.0873699	2.3685814	64292	(89643)	16.9	4.99889	16.52252	301.32502	3.43325	0.1824649	2.2805092	64308
(89592)	16.6	332.20645	221.10028	113.95871	3.59253	0.1822784	2.4210634	64292	(89644)	16.4	332.68930	270.75589	63.73109	5.83494	0.1786295	2.3798435	64308
(89593)	14.9	310.31306	204.16098	88.41126	11.59805	0.1671426	3.0876846	64292	(89645)	14.4	321.07679	203.51404	68.48998	5.70724	0.0862716	3.1830275	64308
(89594)	16.2	342.88282	244.78308	102.32337	5.27407	0.1150515	2.3330281	64293	(89646)	15.2	96.15771	263.08191	313.72573	3.10552	0.1220003	2.5557760	64309
(89595)	14.3	240.32799	277.53403	95.84210	12.79798	0.0948515	2.9659488	64293	(89647)	15.4	85.74343	249.37262	312.34787	4.01248	0.0457192	2.7277600	64309
(89596)	17.0	286.47195	239.92269	159.92935	2.26663	0.2028277	2.3547199	64293	(89648)	15.1	229.01538	166.25096	278.87864	5.17375	0.0911181	2.5872978	64309
(89597)	15.3	346.41264	221.97645	107.49575	7.35362	0.1393555	2.4736638	64293	(89649)	15.4	308.25074	310.13741	64.21381	4.22860	0.2475698	2.3702377	64310
(89598)	16.7	315.75944	218.23101	149.94760	1.59835	0.2016615	2.3727457	64294	(89650)	14.5	1.05671	173.62905	69.79658	6.04693	0.1873597	3.0884939	64310
(89599)	17.3	323.12981	222.53940	128.32338	2.99951	0.2336184	2.3478283	64294	(89651)	15.0	355.16005	219.48907	25.35985	0.64252	0.0885905	3.1264598	64311
(89600)	16.3	357.29825	197.04476	138.50134	2.90717	0.1918218	2.2916424	64294	(89652)	15.4	66.60089	146.71774	88.43472	5.50458	0.1928249	2.5713205	64311
(89601)	15.7	307.82338	274.83017	92.46628	6.12573	0.2372723	2.3837854	64295	(89653)	16.1	51.00672	126.02044	115.69382	3.47993	0.0353625	2.6546744	64311
(89602)	15.7	148.24561	65.68970	83.12372	3.70517	0.0133530	2.7341844	64295	(89654)	15.3	220.72605	324.67765	110.81832	5.39629	0.0560391	2.7094002	64312
(89603)	15.6	3.63104	96.64841	231.46852	3.39930	0.1400387	2.3637826	64295	(89655)	14.8	282.57693	226.86947	90.84335	4.01944	0.0996592	3.1696164	64312
(89604)	16.7	321.90333	215.91662	144.67557	2.81581	0.1846369	2.3375108	64296	(89656)	15.6	348.81213	106.93472	183.76172	14.29946	0.1567509	2.6214272	64312
(89605)	14.2	66.67443	310.68136	266.77487	15.54543	0.1625050	3.1191158	64296	(89657)	15.0	275.70160	174.01268	144.26056	4.88443	0.0270688	2.9892431	64312
(89606)	15.6	334.54419	226.68884	127.03675	3.38744	0.2384916	2.3388079	64296	(89658)	17.0	1.63071	171.46994	143.84990	4.56912	0.1818177	2.2798895	64313
(89607)	15.9	357.98989	180.15436	153.98483	2.83755	0.1889593	2.3885574	64296	(89659)	15.6	328.57681	214.76351	74.02955	6.64644	0.0883091	2.7592953	64313
(89608)	16.1	323.15204	137.44628	224.16643	1.37816	0.1832465	2.4275231	64297	(89660)	15.1	359.26509	47.38704	297.98999	5.74832	0.2056384	2.2357861	64313
(89609)	16.4	357.10855	241.08735	108.00711	6.87830	0.1332398	2.3360808	64297	(89661)	15.4	18.67273	6.17922	327.45943	3.74789	0.2035888	2.2132671	64313
(89610)	15.1	30.38972	173.68810	112.83025	13.65131	0.0644388	2.6664459	64297	(89662)	13.7	255.66927	325.34948	117.88063	37.22693	0.2237964	2.7217669	64314
(89611)	16.0	292.05917	187.13269	217.04428	0.71111	0.1736165	2.3961988	64297	(89663)	15.7	278.21222	220.46291	130.87136	12.61348	0.1913639	2.6323329	64314
(89612)	15.3	331.02141	231.93597	131.36987	7.17723	0.1554523	2.4211556	64298	(89664)	14.9	295.85553	182.30851	147.71124	11.04549	0.1311046	2.7147945	64314
(89613)	16.8	306.51034	185.53147	182.15031	2.62827	0.2074780	2.4468479	64298	(89665)	14.7	263.61828	179.86205	176.55385	9.56632	0.1783679	2.7411662	64315
(89614)	16.4	334.13859	90.22460	259.20904	6.01472	0.1270774	2.4534265	64298	(89666)	14.4	299.53067	227.12241	97.05543	16.83309	0.0196089	3.2112907	64315
(89615)	16.2	320.78418	190.22180	163.01079	1.79075	0.1881163	2.5280237	64299	(89667)	14.9	2.37138	20.78097	289.64005	7.86201	0.1338497	2.7836353	64315
(89616)	16.4	339.83499	169.58291	174.82143	2.59118	0.1979379	2.4347298	64299	(89668)	15.6	67.93973	153.41113	74.72284	4.83372	0.0930335	2.6315609	64316
(89617)	15.7	245.31335	307.37817	127.85103	2.97812	0.1934888	2.5725125	64299	(89669)	16.3	36.94479	187.00958	80.95917	5.48052	0.1674316	2.4422680	64316
(89618)	16.5	346.00967	134.93663	210.87208	1.79174	0.2194504	2.4286646	64300	(89670)	14.6	302.46385	247.28190	87.65194	13.73468	0.1923766	2.6913101	64316
(89619)	16.2	334.48236	239.61682	125.38280	5.76451	0.2327096	2.3455356	64300	(89671)	15.8	41.47048	196.87131	55.62545	8.73435	0.1393393	2.5922887	64316
(89620)	15.7	315.60060	247.61027	145.25969	5.12672	0.1988991	2.3218545	64300	(89672)	14.7	3.93549	182.88312	68.81319	11.21594	0.0593271	2.9691830	64317
(89621)	14.3	281.50094	232.18595	119.20092	16.77225	0.1392424	3.0732221	64300	(89673)	15.3	346.55822	234.82675	72.46676	5.96179	0.1865948	2.5491503	64317

(89674)	15.6	311.71543	46.81258	279.81963	1.90179	0.2166654	2.5862328	64317	(89726)	14.8	325.13675	292.58568	21.47831	5.58359	0.2101033	2.5739308	64334
(89675)	16.2	294.27180	10.48279	32.35819	3.17943	0.2351105	2.3259573	64318	(89727)	15.7	292.02445	273.62336	38.42384	0.70216	0.1132563	2.9460599	64334
(89676)	16.9	336.75858	274.28067	76.64594	5.32899	0.1872696	2.3089512	64318	(89728)	14.3	157.81834	188.00348	307.39921	13.07909	0.1157932	2.6427962	64335
(89677)	15.9	356.66138	295.42352	17.45459	2.19465	0.2136499	2.4263789	64318	(89729)	14.9	57.65798	268.05171	10.87769	8.14458	0.1883422	2.2779926	64335
(89678)	16.0	314.35057	304.28589	61.12786	6.98339	0.1359754	2.3969058	64319	(89730)	15.9	353.31256	319.73644	30.89155	6.89101	0.2031854	2.2797382	64335
(89679)	13.8	219.95167	307.32616	78.61563	10.97212	0.1383746	3.0593960	64319	(89731)	16.3	321.37052	139.63832	214.53738	5.66372	0.1381778	2.3721962	64336
(89680)	15.6	11.33862	32.00627	280.24668	3.60351	0.1882271	2.3621994	64319	(89732)	16.3	343.80764	21.17580	309.97578	1.64330	0.2441489	2.3318763	64336
(89681)	15.1	150.10698	65.35770	74.22936	3.36798	0.0164043	2.7568486	64320	(89733)	13.9	273.36660	258.46962	69.51603	23.06544	0.1444685	3.1445469	64336
(89682)	16.1	320.37415	55.36343	294.99614	1.92932	0.2020533	2.4067765	64320	(89734)	15.3	274.85520	340.39203	73.56332	5.50038	0.1465122	2.5081339	64337
(89683)	16.4	4.35755	6.46332	312.75965	2.07647	0.1968355	2.3474722	64320	(89735)	14.3	92.05307	108.75178	96.57146	6.61489	0.1146814	3.0715508	64337
(89684)	15.1	319.76400	247.13701	84.02496	7.29387	0.2440030	2.5479247	64321	(89736)	15.9	325.05301	341.28271	6.95275	6.63862	0.1577054	2.4618430	64338
(89685)	15.7	115.67558	158.84374	30.27860	4.03185	0.0157096	2.7350012	64321	(89737)	14.2	156.99791	22.88205	120.55644	10.29482	0.0530657	3.0434728	64338
(89686)	16.1	301.92378	323.88093	52.63305	6.16853	0.0776501	2.4474643	64321	(89738)	15.0	301.72097	299.83049	81.36954	5.21659	0.2344276	2.5464233	64338
(89687)	14.4	208.39647	327.83485	77.88062	11.89574	0.1102051	3.1121074	64322	(89739)	16.2	313.33695	230.18162	153.45446	14.22230	0.0419643	2.5813088	64339
(89688)	14.5	70.33996	151.58721	59.52471	4.56415	0.1129942	3.0988684	64322	(89740)	15.1	140.90294	6.54533	157.10351	11.99364	0.0901988	3.0674396	64339
(89689)	15.5	322.52316	318.59817	40.71738	2.62530	0.1871144	2.4231453	64322	(89741)	14.8	148.37829	36.93111	120.19410	12.42586	0.0728137	2.9680414	64339
(89690)	15.0	247.37761	301.42199	67.03438	6.61363	0.1516696	3.0605255	64323	(89742)	14.4	93.75665	73.22080	120.97580	14.89897	0.1863537	3.2026221	64340
(89691)	15.9	339.81824	30.22789	325.81271	4.33354	0.1687125	2.3543997	64323	(89743)	14.5	54.11717	330.72480	265.03968	9.10644	0.0620205	3.0033430	64340
(89692)	17.0	349.37212	15.60070	349.09324	1.52223	0.1638532	2.2474499	64323	(89744)	15.2	141.63560	31.36407	115.92087	13.50599	0.0789065	2.7453979	64341
(89693)	16.6	14.97775	7.06904	332.62055	3.65262	0.1319597	2.2848500	64324	(89745)	14.5	67.01726	152.26606	60.75028	6.70557	0.1119690	3.1461258	64341
(89694)	15.5	311.76427	267.10111	71.45627	8.09620	0.2157368	2.5815216	64324	(89746)	15.7	309.57214	245.18578	142.93849	10.83106	0.2126800	2.3686847	64341
(89695)	16.6	329.29066	4.51193	344.71614	1.99938	0.2086722	2.3838526	64324	(89747)	15.2	305.55399	187.01667	216.32651	5.50601	0.1211617	2.4056248	64341
(89696)	15.7	11.17211	304.55724	23.88123	2.83150	0.2046152	2.2927848	64324	(89748)	14.6	315.69027	255.61229	126.53430	10.10828	0.2761449	2.3916568	64342
(89697)	16.5	297.70336	298.42928	91.71540	3.11497	0.2219874	2.3597613	64325	(89749)	15.3	63.80336	305.29701	303.30389	8.47849	0.0939883	2.7057306	64342
(89698)	14.1	248.90019	276.63516	81.08647	15.42204	0.1033769	3.1909239	64325	(89750)	16.0	288.99694	153.82917	247.15244	5.83228	0.2138242	2.4860936	64343
(89699)	15.4	24.73941	322.29883	13.44220	2.57855	0.1622510	2.2593081	64325	(89751)	15.1	270.29588	292.38319	120.98729	15.13819	0.0910368	2.6890054	64343
(89700)	15.7	319.25788	318.98495	50.45514	1.63565	0.12311618	2.3936935	64326	(89752)	16.2	329.54177	283.08273	99.70527	5.06204	0.1900636	2.3668665	64343
(89701)	15.7	213.70544	8.09174	87.85615	6.58906	0.0235779	2.7625414	64326	(89753)	14.2	112.80340	69.05370	112.07869	10.11712	0.0287845	3.0891418	64344
(89702)	15.4	245.51016	341.91549	84.53256	5.77802	0.0861942	2.6923960	64326	(89754)	16.5	323.23333	253.46228	100.36465	4.67807	0.1757296	2.3810938	64344
(89703)	15.6	349.09302	17.63214	327.20340	5.94569	0.2628322	2.3729375	64327	(89755)	16.3	285.99480	261.84594	132.27810	14.37326	0.1494390	2.5787042	64344
(89704)	16.8	316.94129	301.01152	71.37113	4.79258	0.2581003	2.3769205	64327	(89756)	14.7	324.47200	39.86924	264.26125	3.46204	0.1890501	3.1149941	64344
(89705)	14.1	293.33994	343.00731	42.28077	15.93100	0.1225636	2.5403210	64327	(89757)	15.4	3.98545	24.59211	268.35020	6.93606	0.1288796	2.8983424	64345
(89706)	15.6	47.90862	149.82713	91.00081	10.25429	0.0418146	2.7349979	64328	(89758)	17.0	326.26663	60.26363	307.27077	0.50001	0.2023402	2.3894124	64345
(89707)	16.5	323.48174	127.01603	228.04603	2.92892	0.1301909	2.4145975	64328	(89759)	15.9	213.35495	191.89460	273.23780	1.16657	0.0285948	2.7810344	64345
(89708)	15.5	243.37881	245.08089	173.39498	2.55416	0.0688452	2.7510360	64328	(89760)	15.7	312.68154	229.26890	132.92714	6.88079	0.0500962	2.7346997	64346
(89709)	15.7	331.02400	210.55569	140.25030	5.85879	0.3004614	2.4046441	64329	(89761)	15.0	335.83459	226.49754	148.91409	2.95520	0.2225050	2.3668961	64346
(89710)	15.5	250.55788	299.28701	120.32369	8.11898	0.1109527	2.7301084	64329	(89762)	15.7	321.77265	233.72921	153.80722	1.36339	0.1910142	2.3816335	64346
(89711)	14.9	197.79458	196.39304	294.49057	11.95758	0.1279817	2.6967523	64329	(89763)	15.5	333.16384	226.11579	166.93220	4.90564	0.1551964	2.3305489	64347
(89712)	16.5	324.58607	359.59587	29.20468	5.72576	0.1958679	2.2776417	64330	(89764)	14.0	2.93439	32.11062	313.48388	12.52751	0.1082775	2.5785207	64347
(89713)	14.5	141.57117	44.70149	105.81255	22.52294	0.1091293	2.5782987	64330	(89765)	15.1	311.88684	214.37611	144.78386	11.12248	0.1203885	2.9077204	64347
(89714)	14.5	174.06876	207.34030	293.39371	9.25822	0.0418098	3.0181207	64330	(89766)	15.9	335.35840	240.03285	147.30412	5.56761	0.2843857	2.2927447	64348
(89715)	15.5	246.57402	277.95186	97.20819	3.28400	0.3157340	2.7705698	64331	(89767)	16.5	342.00147	19.63691	315.81237	1.91435	0.2100744	2.3956447	64348
(89716)	16.0	301.87046	62.20989	308.24246	12.45646	0.0819276	2.5737692	64331	(89768)	16.7	320.71288	34.13688	325.26216	1.48157	0.2295595	2.3955836	64349
(89717)	14.3	106.70686	98.43784	105.75264	12.68202	0.0853367	3.0083452	64331	(89769)	16.9	0.45082	266.17216	71.18493	0.74076	0.2351672	2.3203760	64349
(89718)	15.8	0.30038	350.14358	319.04333	6.43186	0.1417763	2.3770447	64332	(89770)	14.8	286.13056	178.48282	247.27467	7.96037	0.1231778	2.3139337	64349
(89719)	14.6	185.33187	185.17176	283.65525	10.71712	0.1453805	2.6932416	64332	(89771)	14.8	299.54185	229.75540	126.87150	15.05469	0.2151049	2.5858682	64349
(89720)	15.8	8.44863	10.99256	302.16460	7.60023	0.1415360	2.3421463	64332	(89772)	15.5	241.11877	315.41270	115.47537	15.88733	0.1177546	2.5814523	64350
(89721)	15.4	236.04846	92.73842	342.60998	4.25989	0.0473116	2.5306694	64333	(89773)	14.0	54.32666	108.25878	130.25604	15.38050	0.2556393	3.2094825	64350
(89722)	13.9	307.80192	3.18512	297.60724	15.28253	0.1572505	3.1452308	64333	(89774)	14.4	18.66216	9.42007	262.58740	9.60944	0.1275938	3.0679892	64350
(89723)	15.9	2.06629	300.90651	41.91272	5.54928	0.1702687	2.3231727	64333	(89775)	15.6	261.37885	211.87108	222.81392	5.23515	0.1998089	2.5543125	64351
(89724)	16.5	302.11987	344.58411	37.49127	5.18465	0.1947178	2.4319964	64334	(89776)	14.5	280.03784	294.25296	146.28328	20.37964	0.3106259	2.3471770	64351
(89725)	14.7	74.87267	153.97697	73.92381	14.48402	0.0831162	2.7075318	64334	(89777)	13.8	156.06700	205.90990	309.11697	20.84797	0.0742523	3.1386319	64351

(89778)	15.3	20.01287	0.17346	297.78265	12.17505	0.1634488	2.6515874	64352	(89830)	14.7	337.67738	5.50800	19.99023	43.74674	0.5079612	2.0767109	64370
(89779)	15.5	249.76337	100.89912	318.62012	5.76568	0.0172011	2.7766609	64352	(89831)	13.9	182.36610	37.52853	88.04562	23.94066	0.1728827	3.1346626	64370
(89780)	15.8	332.58573	336.51931	39.42878	3.19179	0.1824198	2.3708923	64352	(89832)	17.0	326.22741	189.95042	197.98472	1.72112	0.2292780	2.3744425	64371
(89781)	17.3	339.93746	37.38493	328.95413	0.73854	0.2581993	2.3081224	64353	(89833)	14.9	337.19736	198.00609	129.23688	13.04940	0.0552952	3.1049926	64371
(89782)	14.4	352.69228	343.57431	311.13591	13.44864	0.0649296	3.1070158	64353	(89834)	15.1	22.49707	307.73325	10.44852	24.62451	0.2463564	2.3012569	64371
(89783)	14.5	338.92377	193.73585	124.75000	12.57243	0.0854191	2.9996362	64353	(89835)	15.0	258.50005	163.35985	274.69126	3.57792	0.2484529	2.5798617	64372
(89784)	15.4	287.20551	272.58823	118.68048	12.92597	0.2039579	2.5769766	64354	(89836)	13.3	116.82353	3.61909	86.75104	2.37084	0.0153101	5.2504988	64372
(89785)	14.6	11.03547	338.00584	313.68119	11.23934	0.1624683	3.0301576	64354	(89837)	16.1	269.96068	250.92301	170.97071	8.71399	0.1696014	2.5421126	64372
(89786)	15.4	240.47463	320.84409	117.93518	4.59885	0.2055351	2.6407603	64354	(89838)	14.6	36.25611	282.39351	342.61798	15.69527	0.0916768	3.1140955	64373
(89787)	15.6	329.60518	49.50579	327.78782	1.44734	0.1949298	2.3920158	64355	(89839)	14.7	328.96966	338.09595	353.07605	9.43283	0.0609440	3.0425320	64373
(89788)	14.4	59.25050	125.40202	123.24219	16.53018	0.1723006	3.1320357	64355	(89840)	15.2	352.61747	221.30636	111.08441	3.10130	0.0641846	2.8943851	64373
(89789)	15.1	354.06743	168.37770	129.85497	4.76240	0.0461252	3.1267434	64355	(89841)	12.7	130.08250	242.61397	203.55758	14.37823	0.0459476	5.2289839	64373
(89790)	14.1	30.49554	319.05185	323.66168	9.26599	0.1211148	3.0404319	64356	(89842)	14.9	356.81785	156.82094	144.90052	4.11636	0.0959105	3.0900137	64374
(89791)	16.3	315.81115	282.87803	117.12872	6.32223	0.2509014	2.3387870	64356	(89843)	15.4	321.51778	177.35162	184.88670	10.25200	0.0568850	3.0116118	64374
(89792)	14.1	173.97718	165.50715	317.74424	9.88291	0.0746153	3.0593162	64356	(89844)	12.8	351.27649	235.26169	5.97072	19.02298	0.0908633	5.1744226	64374
(89793)	14.1	68.93727	150.76255	80.73899	2.32727	0.1080481	3.2091224	64357	(89845)	15.3	238.46919	309.31127	113.28132	18.02973	0.0754192	3.0961261	64375
(89794)	13.8	24.85505	332.36148	321.68160	16.52164	0.2063019	3.1325661	64357	(89846)	16.7	322.16417	260.19932	126.91435	1.92311	0.2007266	2.3826892	64375
(89795)	16.0	12.11016	77.43495	209.87455	1.40795	0.0491208	2.8677328	64358	(89847)	15.4	290.78016	239.26876	141.34893	13.35795	0.0814081	2.8640255	64375
(89796)	14.3	25.48153	142.33486	132.66369	6.14184	0.1433484	3.1562003	64358	(89848)	15.7	304.25266	2.03438	5.40499	1.50067	0.0839927	2.8818308	64375
(89797)	15.9	240.24130	316.36946	127.47399	3.67199	0.0412652	2.5583756	64358	(89849)	15.4	251.07661	327.64547	107.30264	1.79526	0.0450793	2.7841653	64376
(89798)	16.1	326.00271	291.70711	97.26615	6.86411	0.1122599	2.3892948	64359	(89850)	14.8	82.67204	92.55901	132.80556	14.14125	0.0601068	3.1345569	64376
(89799)	15.1	326.87367	204.45363	132.32296	13.80183	0.1441931	2.7443002	64359	(89851)	15.5	295.14610	260.31925	126.94346	6.40301	0.1121469	2.7895963	64376
(89800)	13.9	115.23877	74.71408	154.28826	13.31951	0.0980815	2.9512428	64359	(89852)	13.1	96.65397	67.60261	59.19378	4.15066	0.0551199	5.1947308	64376
(89801)	15.9	225.78238	323.46195	135.09615	4.05212	0.1403620	2.7288960	64360	(89853)	15.1	326.30424	222.33889	154.23769	9.99715	0.0450930	2.7295861	64377
(89802)	15.3	330.58706	11.35845	15.86861	3.31251	0.2465050	2.3946373	64360	(89854)	15.3	319.47053	237.53405	120.48627	6.92548	0.0917659	2.8994903	64377
(89803)	14.0	96.45663	207.62063	6.03602	4.71250	0.0828448	3.2199438	64360	(89855)	14.8	352.95897	186.90559	133.12292	11.49396	0.0792305	2.9970194	64377
(89804)	13.7	6.98636	340.08600	304.13997	5.49433	0.0910381	3.2225500	64361	(89856)	15.4	307.37383	50.87193	312.43195	1.20533	0.1183627	2.9520670	64378
(89805)	14.3	288.60531	214.46397	134.53241	28.77058	0.1846170	3.1720427	64361	(89857)	14.9	245.68400	267.00453	148.92900	4.65333	0.0440309	3.2132496	64378
(89806)	14.8	12.87870	132.37718	148.30524	13.48868	0.0900678	3.2435047	64361	(89858)	12.3	246.08843	192.28564	154.13507	10.56440	0.0429240	5.2033998	64378
(89807)	16.1	320.85022	229.95606	153.71600	8.63666	0.2026420	2.4388428	64362	(89859)	14.1	5.16111	155.84548	167.97409	11.61132	0.1113407	3.0638658	64379
(89808)	15.1	33.26111	67.55176	194.29400	0.85344	0.0757227	3.2685777	64362	(89860)	15.6	332.25908	190.07208	178.95945	4.64087	0.2110324	2.4337856	64379
(89809)	14.6	341.50858	90.32849	249.52965	1.03044	0.0624197	2.9120774	64362	(89861)	15.9	287.04086	223.09897	176.48976	6.05820	0.1183627	2.5499267	64379
(89810)	16.7	328.16337	356.38971	14.58096	2.71663	0.2341857	2.3504155	64363	(89862)	14.7	10.43957	30.33028	266.58721	1.67145	0.0712150	3.1828037	64380
(89811)	14.8	9.37618	169.05133	120.01721	9.43036	0.1089613	3.1103209	64363	(89863)	15.3	264.05495	73.51396	333.55725	10.49260	0.0178889	3.0997099	64380
(89812)	14.5	46.81917	245.16709	28.70004	2.06727	0.0689302	2.9480983	64364	(89864)	14.5	31.79371	50.54714	226.50015	2.90323	0.0478133	3.0443113	64380
(89813)	14.5	151.51184	159.64635	345.35260	12.31358	0.0881738	2.5747664	64364	(89865)	15.5	355.21546	76.21142	257.25863	1.00797	0.0735539	2.8438972	64381
(89814)	15.0	0.63520	270.29679	39.30187	11.12750	0.1660004	2.5319678	64364	(89866)	15.2	243.16852	110.34433	308.53687	8.15211	0.0257323	3.0037686	64381
(89815)	15.0	19.34260	186.63752	87.57457	8.57973	0.0658338	3.0405549	64365	(89867)	15.8	271.79057	177.53405	242.93669	5.35239	0.2362584	2.5375208	64381
(89816)	15.5	302.90893	6.13405	24.29014	10.91140	0.2289515	2.4765340	64365	(89868)	13.9	87.86205	317.46000	268.25684	6.92396	0.0739238	3.2054068	64382
(89817)	15.6	311.92669	247.86830	121.60105	8.04025	0.2332274	2.5419774	64365	(89869)	13.2	53.56734	323.93374	306.22482	14.53498	0.1448944	3.1613652	64382
(89818)	15.9	194.96570	328.77865	140.19206	10.64711	0.0280846	2.5680605	64365	(89870)	15.9	357.32374	206.15513	149.70140	5.18308	0.2064988	2.3212626	64382
(89819)	15.0	321.78969	257.23066	108.45503	12.18962	0.2266029	2.5886866	64366	(89871)	12.9	101.77711	313.11927	168.27354	10.74967	0.0365134	5.1806664	64382
(89820)	14.8	285.43381	4.89262	35.25058	14.43918	0.1452030	2.5508546	64366	(89872)	12.0	26.70621	278.70102	291.20643	3.58344	0.0442153	5.2440916	64383
(89821)	14.6	100.75619	146.59816	52.11085	10.11978	0.0754967	3.0398985	64366	(89873)	15.4	284.77859	264.35050	138.71618	13.51877	0.1768481	2.7017657	64383
(89822)	16.3	293.16889	27.89874	10.96795	8.78582	0.1840674	2.4259868	64367	(89874)	15.8	341.54187	343.08465	12.10658	7.05271	0.1549754	2.4426014	64383
(89823)	14.4	144.16798	125.13475	42.58043	3.19452	0.0200191	2.9900507	64367	(89875)	14.7	215.12176	325.78938	129.32681	10.10846	0.1091158	3.0543695	64384
(89824)	15.8	359.81703	78.51809	297.80467	3.38031	0.1823000	2.2382433	64368	(89876)	15.0	341.45039	313.83519	6.85166	2.86772	0.0967105	2.9855152	64384
(89825)	13.8	309.57433	250.85061	82.11449	18.00604	0.2796508	3.1031102	64368	(89877)	15.9	293.40953	268.39886	114.05971	3.07488	0.0870573	2.8706354	64384
(89826)	15.1	160.12438	276.96385	235.57961	1.07845	0.0114559	2.9115289	64368	(89878)	13.5	210.03910	300.49787	72.61815	1.74775	0.0475827	5.1342079	64385
(89827)	15.8	329.77640	2.55978	4.67041	7.83479	0.2558601	2.3916419	64369	(89879)	15.8	329.58189	271.37838	72.01744	3.03375	0.0935015	2.9045096	64385
(89828)	13.4	335.17453	213.46406	140.76932	28.11934	0.1216211	3.1209050	64369	(89880)	15.6	277.14862	330.75305	80.84326	3.21016	0.0584186	2.8975833	64385
(89829)	11.9	324.18301	200.14459	74.40785	14.35401	0.0519608	5.1992631	64369	(89881)	15.2	311.12390	234.00130	147.83480	10.55804	0.1394237	2.8665114	64385

(89882)	14.5	346.02111	19.73652	2.84626	13.08719	0.1794449	2.6281215	64386	(89934)	12.4	254.55971	339.83273	5.44808	7.85206	0.0772204	5.1818056	64401
(89883)	16.0	46.03012	150.36668	115.55852	2.90336	0.0466123	2.9544017	64386	(89935)	13.1	236.03458	225.07415	143.36429	3.17278	0.0649344	5.2141881	64401
(89884)	15.4	290.98057	200.29086	152.47347	11.48027	0.2265624	3.1443423	64386	(89936)	14.1	217.26922	182.25111	282.04191	9.54050	0.0558645	2.9818194	64401
(89885)	14.6	71.20106	302.76724	291.65999	8.65862	0.1110202	3.3999283	64386	(89937)	13.7	197.73051	356.49236	115.33189	23.13682	0.0627899	3.2075090	64402
(89886)	13.0	155.71296	207.41687	224.62517	10.44825	0.0634713	5.2365139	64387	(89938)	12.5	130.90862	70.43386	23.11417	31.98568	0.0753395	5.2074094	64402
(89887)	14.4	320.86649	64.30922	306.49243	6.53344	0.2415489	2.7869357	64387	(89939)	14.2	136.54482	348.41253	187.75863	19.50630	0.0767146	3.2451043	64402
(89888)	14.5	13.33384	176.48316	177.06934	13.19727	0.1827370	2.6111745	64387	(89940)	12.0	73.90598	344.59880	185.13586	25.28251	0.0831028	5.2170556	64403
(89889)	14.6	15.72210	123.15011	174.84700	15.63226	0.0394550	3.1389498	64388	(89941)	14.3	37.16898	251.44614	17.51028	21.87458	0.0381699	3.1173384	64403
(89890)	15.2	291.48245	259.65508	133.68474	12.95771	0.0648044	2.8792958	64388	(89942)	14.4	12.70512	334.12925	1.86571	17.53702	0.2518189	3.1857574	64403
(89891)	15.3	332.11724	213.70542	114.56877	10.00027	0.0778541	3.0516579	64388	(89943)	16.5	75.60498	276.14286	88.95901	5.89516	0.1095947	2.1267654	64403
(89892)	14.8	21.02910	71.78131	205.10607	1.30213	0.1365785	3.1616599	64388	(89944)	15.3	291.30308	350.80365	70.59577	5.77683	0.0265033	2.7791867	64404
(89893)	17.2	121.46371	161.88529	99.32045	2.40344	0.1616372	2.4119870	64389	(89945)	14.4	334.11993	235.52805	115.75530	11.30507	0.0751304	3.1072824	64404
(89894)	15.0	278.48020	293.39327	118.82042	13.57830	0.2995319	2.5959509	64389	(89946)	14.9	341.82802	193.55463	200.82909	13.54204	0.2725295	2.6748413	64404
(89895)	14.6	225.24791	301.84760	156.53369	16.38026	0.0929323	3.0932355	64389	(89947)	13.8	351.50415	83.10313	253.21033	9.76282	0.0582844	3.3714263	64404
(89896)	14.2	153.67075	133.38823	359.36447	15.08532	0.0972218	2.6328324	64389	(89948)	13.2	18.08309	34.43807	282.85971	9.66251	0.0846164	3.1413993	64405
(89897)	15.4	334.50894	191.45451	153.86480	6.61888	0.1208511	2.7946432	64390	(89949)	14.9	337.02416	264.21180	122.74094	5.54120	0.1248035	2.7333965	64405
(89898)	13.8	139.72378	243.48502	191.14792	0.46003	0.0300327	5.1917121	64390	(89950)	14.4	1.39189	349.51990	14.14969	10.57324	0.1299527	3.0252417	64405
(89899)	14.9	284.51395	219.80797	123.76601	3.36747	0.1540806	3.1459719	64391	(89951)	13.9	349.06245	210.77826	146.86220	10.73274	0.0934826	2.9793289	64405
(89900)	14.4	14.52737	150.75628	153.71228	11.01806	0.2195251	3.1818523	64391	(89952)	14.0	23.68444	156.14353	176.53975	22.83905	0.1228809	3.1278574	64406
(89901)	14.8	27.53262	148.29889	138.87332	15.33515	0.2038407	3.1773921	64391	(89953)	16.2	78.17563	111.80597	237.18782	2.30281	0.0633917	2.5785087	64406
(89902)	14.5	62.23807	142.39090	99.55500	6.43698	0.0779717	3.2379099	64391	(89954)	16.0	94.59932	183.21610	129.69611	15.39251	0.0968592	2.5952528	64406
(89903)	14.5	202.38081	345.04170	56.44236	5.62679	0.1279700	3.9650340	64392	(89955)	14.6	310.23766	283.43414	130.26610	14.34172	0.2133525	2.7277738	64407
(89904)	14.5	3.21648	54.98205	252.36014	8.24980	0.0686817	3.0530090	64392	(89956)	13.7	107.77372	121.42252	222.63065	19.34016	0.1944566	3.1602733	64407
(89905)	15.3	294.04710	338.94714	41.58697	13.86190	0.1925018	2.6420027	64392	(89957)	13.9	99.65686	145.12872	236.84597	14.82335	0.3013020	2.5879081	64407
(89906)	14.1	35.63134	245.56305	16.94638	15.62095	0.0875328	3.1281497	64393	(89958)	16.9	319.14527	222.31189	188.73838	9.99742	0.8860616	1.6420348	64407
(89907)	14.5	261.24956	358.44098	65.72678	14.86647	0.1538320	2.5585151	64393	(89959)	16.5	256.05325	300.63580	132.16191	42.31600	0.5291508	1.7353357	64408
(89908)	14.5	355.66954	47.13617	285.79441	2.34484	0.2805255	3.2266075	64393	(89960)	14.3	352.93023	206.31047	238.69076	9.48212	0.0418955	3.1800831	64409
(89909)	15.9	125.42718	20.53606	176.76890	1.57013	0.0835991	3.1324969	64394	(89961)	14.5	96.00482	92.08159	259.97115	13.23357	0.1124262	3.1104119	64409
(89910)	15.5	351.06854	211.12260	147.08954	2.06478	0.2287919	2.7596074	64394	(89962)	15.8	125.52555	299.76240	75.95040	7.49058	0.0906515	2.6863771	64410
(89911)	14.4	301.45744	317.06838	56.69504	10.56454	0.1364419	3.0632220	64394	(89963)	16.0	186.50481	187.29198	234.06254	20.98482	0.1051447	1.9342957	64410
(89912)	14.5	40.55535	46.60310	205.90444	4.92032	0.0556752	3.2507090	64394	(89964)	15.3	63.76796	303.77825	241.03484	19.79685	0.0192497	1.9159461	64410
(89913)	13.6	173.40838	243.95461	175.91367	1.62435	0.0830780	5.2479389	64395	(89965)	14.7	22.05849	344.30553	117.16801	3.09458	0.0249599	2.8606625	64411
(89914)	15.8	87.74683	79.05166	187.66335	0.89900	0.2090571	3.0438895	64395	(89966)	15.5	142.87503	13.17222	48.00059	6.17750	0.2331572	2.5978719	64411
(89915)	15.7	359.39235	336.46979	18.48003	3.27132	0.1485348	2.7159265	64395	(89967)	14.0	85.46488	21.51718	66.64165	13.24794	0.2237961	3.1651226	64412
(89916)	16.5	115.07540	221.04113	77.24241	7.50224	0.1405577	2.3476963	64395	(89968)	16.8	156.53530	76.36785	334.95690	1.61588	0.1652145	2.2402229	64412
(89917)	14.9	345.85940	313.73678	8.30269	12.99868	0.0690761	3.1145344	64396	(89969)	17.3	169.89130	34.78604	346.40232	1.92387	0.2184266	2.3604034	64412
(89918)	12.7	103.25028	88.20315	37.94686	7.63568	0.0316484	5.1119664	64396	(89970)	17.0	123.28954	244.03163	170.36989	4.08802	0.2443908	2.5869295	64413
(89919)	14.9	261.24145	271.52826	153.88971	10.65978	0.0977690	2.9842730	64396	(89971)	14.9	110.55455	208.56797	252.41077	2.89811	0.2116769	2.6077528	64413
(89920)	15.2	341.69882	110.34983	241.56409	2.77536	0.1090649	2.7969334	64397	(89972)	15.7	151.05106	199.33747	224.08915	8.19528	0.2412957	2.5407619	64414
(89921)	15.3	6.69918	181.74624	179.01621	4.47940	0.2617158	2.5979157	64397	(89973)	16.4	29.91881	338.11011	211.58953	5.42711	0.1436118	2.2123084	64414
(89922)	13.5	214.21266	75.24869	311.95795	3.17274	0.0476507	5.1340820	64397	(89974)	16.1	58.36989	262.99110	204.94341	8.47517	0.0740831	2.5498793	64414
(89923)	15.0	307.56345	177.89157	216.71705	1.29011	0.0768813	2.8315760	64397	(89975)	15.4	104.85498	294.93820	158.99755	23.49479	0.2266344	2.2996404	64415
(89924)	13.1	105.65097	106.37355	20.48566	1.22313	0.0296288	5.2763100	64398	(89976)	14.8	83.55942	324.70448	87.39223	2.84893	0.0846190	3.0426395	64415
(89925)	14.4	14.16335	312.37707	0.78976	12.72696	0.1602471	3.1794914	64398	(89977)	16.8	162.90897	287.96434	109.01357	1.80117	0.2084540	2.3773954	64415
(89926)	14.5	341.74756	16.78510	337.01365	10.37623	0.2761124	2.7379409	64398	(89978)	15.4	88.69487	185.54268	243.58360	0.92940	0.0696657	2.9104029	64415
(89927)	13.8	319.62515	52.15203	228.55063	2.17201	0.0338090	5.2791975	64399	(89979)	15.1	44.90156	329.93065	206.22860	24.53441	0.2444544	2.3263596	64416
(89928)	13.6	46.86873	59.07915	197.42477	3.58976	0.1262323	3.9407418	64399	(89980)	15.1	74.73708	191.15111	248.64331	0.87539	0.1446053	3.0986751	64416
(89929)	14.0	318.52003	81.93520	271.57806	9.69314	0.1244217	2.9777817	64399	(89981)	15.2	92.19509	76.65145	21.41754	11.68526	0.1474402	2.6488633	64417
(89930)	15.1	336.64252	191.98132	164.61927	11.03503	0.1141600	3.0438700	64400	(89982)	16.7	233.92299	223.99074	71.19836	2.29825	0.1772416	2.4325458	64417
(89931)	14.6	338.33799	184.88993	154.80231	13.73838	0.1553394	3.2008691	64400	(89983)	15.0	88.50968	283.76079	148.88189	3.54179	0.1069938	2.9848432	64418
(89932)	14.6	333.95034	221.37222	165.85116	12.23583	0.1977798	2.6838932	64400	(89984)	15.9	6.65435	345.14803	224.92218	6.82992	0.0650383	2.3134125	64418
(89933)	14.5	12.06386	159.23510	172.34972	11.96614	0.0740185	3.1727894	64400	(89985)	15.2	199.87139	225.30885	87.68951	2.98848	0.0808404	2.8440377	64418

(89986)	15.6	17.21270	180.31210	27.14192	7.27836	0.0456934	2.2271500	64419	(90038)	15.3	343.70096	44.66538	163.34100	8.04372	0.1389778	2.4109581	64436
(89987)	15.5	117.29436	48.40195	28.34923	9.02202	0.1210284	2.6273822	64419	(90039)	15.2	116.73912	150.46122	325.92894	7.41286	0.0585725	2.3544348	64436
(89988)	15.8	140.39756	99.37763	284.98034	1.01999	0.0697193	2.9185756	64419	(90040)	15.0	131.66276	128.16957	322.12651	7.62564	0.1536103	2.5571951	64437
(89989)	16.1	186.03887	179.30043	163.52835	2.94428	0.2138055	2.6102563	64420	(90041)	16.6	285.28089	289.87541	45.39166	22.55775	0.0868428	1.9109527	64437
(89990)	16.4	203.92571	182.10321	156.82029	3.04099	0.1141997	2.5188108	64420	(90042)	14.3	193.55883	269.01305	52.48440	12.05361	0.0576867	3.1623959	64438
(89991)	16.5	353.56489	195.64260	356.46147	6.58239	0.0511769	2.4368379	64420	(90043)	16.3	160.46589	201.63845	233.28601	3.19712	0.1806788	2.5755022	64438
(89992)	15.7	299.28400	100.16966	209.64568	22.14830	0.0408853	1.9392626	64421	(90044)	17.2	295.69616	164.48674	120.23959	2.23748	0.1860610	2.1251366	64438
(89993)	16.0	59.04120	334.72540	219.17324	20.31346	0.0607352	1.9387297	64421	(90045)	14.4	186.71659	240.72077	81.77447	14.12642	0.2633288	2.5393458	64438
(89994)	15.5	65.58904	111.17213	26.74436	24.30549	0.2382324	2.3098784	64422	(90046)	16.3	170.49614	289.61660	121.96824	1.73487	0.1322300	2.3654794	64439
(89995)	15.1	103.75311	79.18629	323.30436	9.33282	0.0649513	3.0314914	64422	(90047)	16.3	253.23024	143.99624	177.05444	8.33704	0.0810923	2.2806436	64439
(89996)	16.0	108.94484	26.96925	75.83975	7.43150	0.0885785	2.3837460	64422	(90048)	15.6	341.50070	241.11235	312.86454	3.73391	0.0797514	2.8041155	64439
(89997)	16.1	199.96648	295.00678	64.88502	6.80501	0.2581905	2.2804730	64423	(90049)	16.1	102.34504	231.62271	249.60744	2.15522	0.1189098	2.3740483	64440
(89998)	14.7	88.14339	104.90018	19.93227	6.52125	0.2197150	2.6567889	64423	(90050)	15.8	186.44569	114.58876	246.27530	1.27060	0.0703682	2.6670517	64440
(89999)	14.6	78.52461	163.70117	261.86519	4.12254	0.1251732	3.1991489	64424	(90051)	16.7	135.84802	278.30251	165.44507	8.95498	0.1413213	2.3917927	64440
(90000)	15.1	343.54345	338.93166	210.41187	12.66760	0.0894194	2.5375052	64424	(90052)	15.0	99.03113	46.25857	42.97236	5.67506	0.0140293	2.7296024	64441
(90001)	16.2	214.62344	271.23483	48.36055	3.02409	0.1983270	2.2601468	64424	(90053)	15.1	75.38486	51.87305	50.32418	10.58143	0.2013050	3.1416155	64441
(90002)	16.8	232.63454	154.02462	144.33330	3.30458	0.1812355	2.3945193	64425	(90054)	14.7	59.04401	56.52963	69.87416	5.39743	0.0693752	2.9702639	64441
(90003)	15.8	159.86111	289.52275	94.23056	7.08546	0.1323330	2.4748611	64425	(90055)	14.9	96.24817	49.90611	51.90318	19.88808	0.0575865	2.5316765	64442
(90004)	14.8	102.68352	336.85301	107.65962	13.89583	0.0852944	2.6461265	64425	(90056)	15.2	89.30309	123.04811	359.67917	6.01132	0.1801354	2.5605000	64442
(90005)	16.9	212.18929	200.82813	195.38149	21.96658	0.0817177	1.9111600	64425	(90057)	15.1	227.20870	208.51210	126.17920	3.98718	0.1738406	2.5293415	64442
(90006)	15.2	66.29141	246.33559	243.03451	14.25161	0.1522319	2.5794820	64426	(90058)	16.4	39.52649	337.57816	209.22780	4.72919	0.0925404	2.3023696	64443
(90007)	14.2	69.97799	264.05704	242.39112	27.36210	0.3688545	2.7663614	64426	(90059)	16.0	223.03717	310.66623	74.08729	7.52665	0.1178763	2.2412174	64443
(90008)	14.0	45.62198	263.77470	208.99382	17.00032	0.3062431	3.1690695	64426	(90060)	16.3	173.20701	160.99722	251.31993	4.05765	0.1411936	2.2981297	64443
(90009)	15.8	293.61442	314.47613	273.97001	4.59702	0.0747812	2.5911967	64427	(90061)	15.6	121.63236	73.87982	16.52366	8.37459	0.1407416	2.5399769	64444
(90010)	14.8	129.34483	328.37941	37.47955	11.82115	0.1377422	2.9659514	64427	(90062)	13.8	104.73892	120.07738	245.05459	5.12424	0.1914309	3.0861462	64444
(90011)	15.1	128.62467	72.86788	328.61864	4.80593	0.0757911	2.7521880	64427	(90063)	14.6	68.91400	229.39034	256.72655	7.45818	0.2536670	3.0171317	64444
(90012)	16.3	132.97255	280.77259	162.48335	2.77461	0.1797944	2.3909318	64428	(90064)	15.3	163.70760	112.62857	347.65154	12.64717	0.2488566	2.7015303	64445
(90013)	15.3	130.57455	350.50643	91.19935	9.89041	0.2202660	2.6049850	64428	(90065)	15.6	251.29689	164.38991	115.40879	5.36032	0.0345273	2.7861017	64445
(90014)	17.1	194.12787	283.49697	60.05367	5.02089	0.2057598	2.5203864	64428	(90066)	16.4	352.27042	41.08692	188.39840	6.13830	0.1118086	2.3038973	64445
(90015)	15.8	313.58366	11.89714	243.18791	5.77296	0.1008003	2.3913048	64429	(90067)	14.6	144.21147	298.45691	82.48903	11.00769	0.1058804	2.9709741	64446
(90016)	15.7	194.01528	343.04793	55.39401	5.59543	0.1231718	2.3161210	64429	(90068)	14.9	0.11128	115.69311	107.13737	7.24672	0.0748830	2.3520307	64446
(90017)	16.3	217.25695	316.09175	61.90019	3.57881	0.1937945	2.1934920	64429	(90069)	16.4	124.74140	19.47355	88.26946	7.32935	0.1223821	2.3677343	64446
(90018)	16.6	126.64679	233.46407	227.28341	5.39543	0.0830154	2.2461989	64430	(90070)	14.9	58.31859	338.07266	189.36516	4.47125	0.1902263	2.5751593	64447
(90019)	15.1	174.01972	352.27236	14.11594	9.89795	0.0817591	2.6296592	64430	(90071)	15.9	97.92379	48.47839	89.41746	6.99443	0.1140191	2.4312472	64447
(90020)	16.0	112.87967	218.65302	273.59487	4.74890	0.0775678	2.1661710	64430	(90072)	15.6	154.96684	352.68050	99.10299	5.27014	0.1691111	2.2839237	64448
(90021)	15.5	144.83588	176.62399	251.70753	4.47353	0.1224556	2.4111621	64431	(90073)	15.7	101.71897	57.41970	92.92220	5.33293	0.0179342	2.1667688	64448
(90022)	15.7	78.22633	5.87117	126.13725	10.83709	0.0745000	2.4484650	64431	(90074)	15.1	110.27071	11.89252	114.72893	8.96932	0.2029796	2.6750685	64448
(90023)	14.3	68.19030	155.89538	334.79215	22.18834	0.0373746	2.5688103	64431	(90075)	15.7	310.90067	30.17028	226.99848	8.93363	0.5736464	2.1359346	64449
(90024)	15.2	62.38191	0.10653	93.23485	12.77051	0.0425232	3.0313757	64432	(90076)	13.9	302.27740	247.81457	5.33818	11.77730	0.3036058	2.4067546	64449
(90025)	15.9	213.64262	222.52614	112.65218	10.35131	0.1979593	2.3362313	64432	(90077)	15.6	63.78835	283.03702	224.51658	7.62216	0.1522127	2.7149119	64449
(90026)	15.5	155.68213	234.50665	147.43390	11.88019	0.0661371	2.6930674	64432	(90078)	16.2	56.30411	298.14385	254.43144	5.89501	0.0729180	2.1973415	64450
(90027)	15.9	299.32626	142.75027	116.85022	4.05795	0.1386833	2.2932261	64433	(90079)	16.0	125.43818	112.62967	337.94966	2.56416	0.1254322	2.5211375	64450
(90028)	16.9	108.39105	259.23144	221.50730	4.64081	0.0947279	2.2883640	64433	(90080)	14.8	337.04502	163.32793	40.47146	10.36404	0.0198452	2.9702640	64450
(90029)	15.3	112.07881	301.37524	108.15047	2.37541	0.1659488	3.1186907	64433	(90081)	15.8	144.11776	186.52486	267.06717	6.41140	0.0731170	2.3146418	64451
(90030)	14.2	105.09755	13.18929	46.19872	12.19716	0.0420804	3.1388663	64433	(90082)	16.1	22.18464	151.31811	73.04424	5.32940	0.1033779	2.2090992	64451
(90031)	15.7	257.36503	43.23486	259.47244	5.76743	0.1182993	2.2524253	64434	(90083)	15.8	324.36566	292.26151	311.83172	9.00021	0.1370788	2.3086896	64451
(90032)	15.6	119.28030	325.84280	97.21988	6.22497	0.0837232	2.7725427	64434	(90084)	15.0	205.50376	263.78538	136.94963	8.01045	0.2615807	2.3484030	64452
(90033)	16.2	336.96661	241.80008	344.36620	8.07469	0.1756778	2.3066123	64434	(90085)	15.1	62.27785	291.87448	240.85445	22.17638	0.2375979	2.3353907	64452
(90034)	15.3	92.70528	74.90207	45.65090	13.64550	0.1386764	2.6086675	64435	(90086)	16.5	86.32383	29.62891	123.54901	3.75622	0.0655587	2.1908626	64453
(90035)	16.2	74.61377	253.63366	247.56290	12.09097	0.1149049	2.6402016	64435	(90087)	14.8	348.53423	88.39362	100.61866	11.63486	0.0876201	3.0706919	64453
(90036)	16.8	98.65993	283.12670	201.80406	4.22119	0.0896756	2.3141026	64435	(90088)	16.2	35.50186	304.56140	252.73474	9.48763	0.0801015	2.2973131	64453
(90037)	15.8	141.94166	330.92364	105.71915	2.27317	0.1631843	2.4088577	64436	(90089)	15.4	96.88828	330.09653	150.68115	13.10588	0.1592034	2.6554184	64454

(90090)	16.0	112.52410	250.04562	211.43408	11.85144	0.1643151	2.6559465	64454	(90142)	15.2	22.94157	138.35471	92.77126	10.73413	0.1058088	2.6802680	64470
(90091)	14.5	215.13652	245.14718	89.64546	13.27596	0.0626459	2.6982620	64454	(90143)	14.8	130.75018	354.10506	112.13016	13.97364	0.0929944	2.6714358	64470
(90092)	14.5	119.66366	167.35087	281.65485	17.19525	0.1696019	3.0993793	64454	(90144)	15.0	165.89235	71.42465	346.54877	12.83870	0.1253074	2.5327276	64471
(90093)	16.0	16.70962	104.96881	108.36028	1.12605	0.1261285	2.2853887	64455	(90145)	15.3	189.35134	318.33318	91.39221	7.48865	0.0995066	2.3997606	64471
(90094)	15.5	57.05713	100.32540	70.39610	7.61628	0.0532385	2.3416442	64455	(90146)	15.0	160.12586	332.43396	91.86426	8.42602	0.1758252	2.5800983	64471
(90095)	15.1	143.49943	152.62788	225.73412	9.71651	0.0609626	3.0003852	64456	(90147)	18.5	326.10998	104.94048	282.80849	27.98698	0.3317348	1.4742289	64472
(90096)	15.6	116.14214	14.09155	98.11556	3.60230	0.1622950	2.5666891	64456	(90148)	15.3	65.25815	60.06386	91.74121	10.11661	0.0937892	2.7668741	64472
(90097)	14.1	98.19035	9.43631	91.75653	13.01718	0.0880619	3.0772500	64456	(90149)	15.9	354.77860	177.34686	78.03558	6.59239	0.1291409	2.2220313	64472
(90098)	15.2	134.68771	10.67586	82.30421	4.75839	0.1754025	2.5999169	64456	(90150)	15.8	116.22438	16.77088	94.02567	2.98504	0.1690778	2.5874550	64473
(90099)	15.3	115.33201	27.98726	108.34495	13.34716	0.1134311	2.5870639	64457	(90151)	15.6	83.27767	351.85391	125.58583	1.97160	0.1585297	3.1218143	64473
(90100)	15.6	96.46142	315.32149	184.81576	8.41023	0.1239894	2.4294444	64457	(90152)	15.5	209.56196	123.79827	271.71897	10.28450	0.0760462	2.3156602	64473
(90101)	16.4	180.67225	19.76335	22.68553	5.70999	0.0383221	2.3595863	64457	(90153)	14.8	36.96809	75.05327	96.70803	10.70720	0.0496005	3.0614449	64473
(90102)	16.2	208.37547	332.21213	65.09203	4.92509	0.2482923	2.2729363	64458	(90154)	15.5	270.54935	229.96017	105.11757	7.86859	0.1539838	2.2840999	64474
(90103)	15.6	187.67140	302.40530	68.65164	6.28674	0.0859567	2.7031872	64458	(90155)	15.2	25.70753	97.56320	104.93538	13.17471	0.2028848	3.0797981	64474
(90104)	14.9	41.98526	93.23386	117.32205	13.69202	0.1142539	2.6975544	64458	(90156)	14.6	16.83942	108.26251	108.99081	10.90582	0.1760826	3.1577088	64474
(90105)	16.1	153.73960	269.70892	168.64321	7.13008	0.0963229	2.4064377	64459	(90157)	16.2	205.93259	308.20649	97.62196	2.91784	0.0388084	2.3296735	64475
(90106)	15.8	29.17628	178.87942	51.35199	3.68328	0.1236507	2.1573129	64459	(90158)	15.6	306.54909	194.43490	113.91959	6.22085	0.1587664	2.2512784	64475
(90107)	15.6	172.13769	320.15466	83.38963	3.14679	0.0884819	2.5527060	64459	(90159)	14.7	230.94578	228.43798	115.57972	13.01488	0.2707090	2.5544706	64475
(90108)	14.5	332.39059	1.81251	278.14219	13.75067	0.0948343	2.6509321	64460	(90160)	16.1	129.87453	44.26125	55.77992	8.00931	0.1335775	2.5348178	64475
(90109)	16.8	192.80721	20.96473	31.00135	1.55750	0.1866620	2.2947664	64460	(90161)	16.9	187.73656	348.80122	67.98175	3.22209	0.2023513	2.4252322	64476
(90110)	15.4	315.81194	218.71017	57.04467	8.19903	0.1621137	2.3168460	64460	(90162)	16.5	294.20872	254.26632	123.77732	24.22692	0.0980114	1.9430193	64476
(90111)	14.6	47.36607	248.57629	298.32963	10.41498	0.1371360	2.6778133	64461	(90163)	14.7	46.65506	273.58435	296.03492	11.75581	0.2653073	3.0980296	64476
(90112)	14.8	65.75387	234.43341	288.85654	9.69993	0.1050552	3.0855062	64461	(90164)	16.9	254.46275	304.30475	128.66450	23.86299	0.1058292	1.9063619	64477
(90113)	15.7	121.44399	31.30551	78.08272	11.57113	0.0809928	2.5148551	64461	(90165)	15.8	69.80723	304.29353	281.46102	1.53678	0.1650610	2.3619123	64477
(90114)	15.5	145.43804	188.71649	255.05218	2.50877	0.0561311	2.5639384	64462	(90166)	15.2	84.14165	240.80587	312.10238	6.32252	0.1870603	2.7864407	64477
(90115)	16.1	94.86672	48.24721	107.44551	4.74844	0.0406955	2.2324178	64462	(90167)	16.2	227.26698	248.92794	125.32838	2.01675	0.2016547	2.3900885	64478
(90116)	15.1	48.38355	234.39999	263.18758	8.31448	0.0385044	3.0877844	64462	(90168)	15.2	89.82457	11.33198	143.88284	13.58701	0.1242532	2.6829996	64478
(90117)	15.8	88.01722	254.79472	240.75663	6.52042	0.0687009	2.5443836	64462	(90169)	15.5	185.54398	239.42440	154.60357	9.65019	0.1476177	2.5472633	64479
(90118)	15.7	236.84310	299.62023	37.21078	8.27046	0.2646883	2.3185986	64463	(90170)	16.2	188.43442	203.80899	210.04925	6.44941	0.1326829	2.3960928	64479
(90119)	15.6	13.47647	191.57397	24.98822	22.84490	0.0615969	2.5734291	64463	(90171)	16.2	123.32581	114.52428	58.86887	3.14340	0.1618768	2.3519986	64479
(90120)	15.3	133.74156	89.27021	355.10570	1.32285	0.1926326	2.6798938	64463	(90172)	15.5	88.80597	19.73473	113.93407	14.33659	0.2080600	2.5304462	64479
(90121)	15.6	259.97107	250.40004	68.55221	8.97360	0.11745632	2.3981623	64464	(90173)	16.1	41.30090	198.37527	46.67357	3.68951	0.0805597	2.1153020	64480
(90122)	16.3	235.17907	65.52444	294.28891	4.89825	0.0281057	2.3306811	64464	(90174)	15.5	227.01956	141.07265	219.33104	3.67090	0.0620674	2.4901998	64480
(90123)	16.9	155.45734	53.57228	30.94999	3.02744	0.1391102	2.4217078	64464	(90175)	15.5	15.73815	262.09528	317.09397	8.85059	0.0805183	2.8471371	64480
(90124)	15.4	201.32287	291.99611	84.21208	10.99233	0.2091073	2.5333156	64464	(90176)	14.5	23.10324	270.80873	270.51549	13.05152	0.1968158	3.1429442	64481
(90125)	15.2	149.66012	57.07188	32.06338	3.75564	0.0922473	2.5524300	64465	(90177)	14.4	9.71851	273.85098	292.85888	3.45506	0.1937214	3.1665832	64481
(90126)	14.7	122.01334	38.19007	72.80659	11.19805	0.1941918	2.7284459	64465	(90178)	16.8	238.50255	97.08256	270.76122	3.42185	0.1740962	2.3095746	64481
(90127)	15.8	146.69143	40.30000	63.97562	6.91164	0.1235951	2.4702866	64465	(90179)	16.0	243.59161	253.62374	122.64690	6.75619	0.1211215	2.2706845	64482
(90128)	14.0	5.51113	130.31272	81.53554	17.31608	0.2051460	3.1889512	64466	(90180)	15.8	42.33614	77.41594	119.94139	1.91767	0.0773482	2.8402733	64482
(90129)	15.6	116.69393	52.81082	68.73154	5.48124	0.0549310	2.6043851	64466	(90181)	14.1	323.02418	315.13453	307.99452	8.73179	0.0393173	3.0561278	64482
(90130)	15.2	113.46026	42.32742	88.23502	15.57439	0.0931729	2.6218306	64466	(90182)	15.1	17.20932	123.94902	121.07677	13.78813	0.1332545	2.6691476	64483
(90131)	16.0	130.44945	113.19204	352.80700	4.46728	0.116276	2.4021481	64467	(90183)	15.1	71.10032	249.44472	322.64202	12.34606	0.1460553	2.7151717	64483
(90132)	16.0	317.44149	259.73033	32.87432	5.92349	0.1671037	2.2028454	64467	(90184)	15.4	225.41684	261.11865	100.35904	12.26971	0.0509519	2.6865627	64483
(90133)	15.4	80.20884	104.64457	36.86669	5.57132	0.1137116	2.7722488	64467	(90185)	15.6	96.60338	349.82771	143.31855	3.41313	0.1301346	2.5858646	64483
(90134)	16.8	53.07125	135.92397	51.35123	3.37554	0.0954882	2.3232075	64468	(90186)	15.4	215.90880	242.40310	142.05439	6.54732	0.1236881	2.3562723	64484
(90135)	15.7	65.13067	61.82144	89.59677	9.49776	0.0480717	2.6724633	64468	(90187)	14.4	117.35678	353.44203	120.95469	16.05044	0.0613312	2.6950061	64484
(90136)	14.8	90.70509	68.26560	41.60750	13.42816	0.0586725	2.9718920	64468	(90188)	14.8	44.23387	83.32571	133.38733	13.04022	0.1123664	2.6112571	64484
(90137)	15.3	38.41425	113.53070	52.75790	10.78517	0.1756397	3.1322020	64468	(90189)	15.1	294.95213	156.65440	186.75599	5.42451	0.2169203	2.1468255	64485
(90138)	16.7	248.27234	124.21174	218.44014	0.51766	0.0637456	2.2916796	64469	(90190)	15.1	28.61689	67.24126	142.25684	10.53400	0.0947515	3.1009494	64485
(90139)	14.7	105.07533	49.86073	87.56619	12.41789	0.0870832	2.7222852	64469	(90191)	16.4	104.32662	36.65867	151.25109	7.14651	0.1264409	2.3195289	64485
(90140)	16.7	204.44196	262.88594	146.17570	6.58019	0.1013299	2.3765310	64469	(90192)	13.7	67.92234	27.46710	155.23871	17.02495	0.1899590	3.1831791	64486
(90141)	14.9	49.55417	87.34150	95.37938	17.26263	0.1988764	3.1216073	64470	(90193)	16.7	214.84355	313.13562	69.35915	4.62875	0.2013805	2.3787270	64486

(90194)	15.9	49.75290	202.30780	30.48951	2.16452	0.2088865	2.4613249	64486	(90246)	16.1	92.43806	37.85899	157.49660	9.38691	0.1130143	2.5760847	64503
(90195)	16.2	170.38581	23.26552	51.91894	2.46699	0.1060589	2.5295215	64487	(90247)	15.2	61.74589	279.67563	335.72035	4.58677	0.1817258	2.3674467	64503
(90196)	14.8	230.66286	328.19611	42.37982	3.01872	0.2492485	2.3636050	64487	(90248)	16.0	7.52488	328.35786	312.50747	1.86018	0.1560205	2.4133017	64504
(90197)	15.2	152.13195	341.78531	121.41194	16.12019	0.0790994	2.6053000	64487	(90249)	15.4	355.48865	174.25673	93.07991	10.36476	0.1112126	2.7755511	64504
(90198)	15.7	76.25169	84.90814	124.05670	17.04398	0.2411618	2.6715978	64488	(90250)	15.1	85.36820	33.45083	158.70158	8.55381	0.1522324	2.8025627	64504
(90199)	15.4	118.28928	337.79579	105.01720	7.04234	0.0947462	3.1608319	64488	(90251)	15.8	305.34374	232.82738	155.25945	23.41974	0.0956546	1.9564514	64504
(90200)	16.2	131.66860	23.40623	85.59534	3.06383	0.0442607	2.6854109	64488	(90252)	15.0	287.55141	166.70173	142.10072	10.00309	0.0533263	3.1658238	64505
(90201)	15.6	89.95592	89.84302	54.06768	13.39425	0.1546437	2.7978919	64489	(90253)	15.7	74.32326	60.19202	149.15826	12.38507	0.2137367	2.6518427	64505
(90202)	15.4	55.48884	127.03337	70.02393	16.45107	0.0784554	2.6018452	64489	(90254)	15.6	51.05185	284.35704	332.88605	4.24716	0.1500814	2.4568581	64505
(90203)	15.4	22.74655	136.64024	102.94643	14.56437	0.1446437	2.6762599	64489	(90255)	14.5	348.36150	146.23242	103.85290	10.14721	0.0930556	3.0289895	64506
(90204)	13.7	7.66125	119.42707	98.06078	18.78492	0.0919857	3.2227935	64489	(90256)	15.6	74.79898	39.93620	184.18180	7.23278	0.0882120	2.4435861	64506
(90205)	16.0	255.79981	187.34358	148.55589	1.36588	0.1751348	2.4307440	64490	(90257)	14.7	3.13248	212.40778	42.54330	9.32664	0.2426536	3.1117876	64507
(90206)	16.4	15.77152	311.79196	352.56597	19.27591	0.0850918	1.9325260	64490	(90258)	14.3	54.09887	98.08543	130.89980	9.19710	0.1894676	2.8642481	64507
(90207)	15.0	187.73772	7.13682	34.54533	7.34891	0.1758636	2.4507910	64490	(90259)	15.6	86.86306	276.79875	291.76464	6.27526	0.1552385	2.5731571	64507
(90208)	15.6	103.79935	81.64162	57.67747	13.53552	0.0866592	2.6948825	64491	(90260)	14.8	14.54010	120.02248	93.79107	10.43466	0.0363078	3.1653259	64508
(90209)	15.1	63.12963	132.72894	79.37159	12.37360	0.2236953	2.6533756	64491	(90261)	14.7	329.99309	197.76225	89.71170	10.42386	0.1286179	2.7756429	64508
(90210)	15.1	157.89911	9.84259	48.65761	13.89395	0.2100828	2.7946511	64491	(90262)	15.0	346.95986	119.92331	141.93286	10.57895	0.0475465	3.0247933	64508
(90211)	15.7	317.56818	12.37521	344.43005	18.57567	0.0863226	1.9743050	64491	(90263)	15.0	10.59440	340.22047	251.36542	11.08700	0.1725810	3.1764765	64509
(90212)	14.6	122.11130	297.82604	169.63721	31.72335	0.3546037	2.7323280	64492	(90264)	14.7	287.47063	198.74006	125.22038	12.00569	0.0909179	3.0632642	64509
(90213)	14.8	106.97083	76.51262	56.04786	14.95746	0.1079300	2.6012125	64492	(90265)	15.4	265.89256	262.02994	95.70858	5.99525	0.2080446	2.2345808	64509
(90214)	14.7	44.21540	128.64599	56.74297	16.35043	0.1700116	3.1355284	64492	(90266)	16.9	208.59842	310.94868	91.37686	3.30906	0.2122137	2.3391255	64509
(90215)	15.7	48.83741	300.64563	327.97008	19.18391	0.0732327	1.9131390	64493	(90267)	14.3	72.44495	46.23500	119.31022	10.53261	0.0427934	3.1683750	64510
(90216)	15.4	266.75027	227.25294	204.85083	21.53114	0.0771242	1.9285856	64493	(90268)	16.0	43.98025	242.30325	17.20700	2.12795	0.1629805	2.3945722	64510
(90217)	15.6	250.23570	148.33085	223.72730	6.11436	0.0383746	2.2639240	64493	(90269)	14.5	357.36790	91.85931	147.84436	20.17719	0.1629541	3.1570773	64510
(90218)	14.1	63.02556	220.97606	337.16512	17.40924	0.2473134	3.1210979	64494	(90270)	15.1	36.27014	40.72839	156.14581	16.45153	0.0287981	3.1266148	64511
(90219)	14.5	52.82646	26.33125	147.89418	4.56034	0.0683794	3.0168252	64494	(90271)	16.7	76.76514	82.65147	144.32312	7.21440	0.0650390	2.3187468	64511
(90220)	14.9	15.87194	315.40732	303.94021	10.82648	0.2628876	2.5747503	64495	(90272)	15.2	64.03448	61.01378	129.63087	12.30763	0.0582825	3.0651550	64511
(90221)	14.8	343.60700	12.91161	244.39513	3.76884	0.1885254	3.1001176	64495	(90273)	15.3	181.60874	8.37907	58.60335	13.92890	0.1907247	2.5248573	64512
(90222)	15.2	52.87799	158.01102	37.00697	2.41806	0.1176072	3.0259712	64495	(90274)	16.3	21.87751	155.83797	121.50176	7.97664	0.1060776	2.3130483	64512
(90223)	15.3	58.38164	89.76487	144.66184	7.14013	0.1142436	2.4584079	64495	(90275)	15.0	12.06690	92.74493	147.77719	5.79808	0.1016645	3.0974200	64512
(90224)	16.3	88.00214	291.17431	271.65570	3.60692	0.0768435	2.2330031	64496	(90276)	15.7	27.39686	318.14572	296.84935	11.73957	0.1242377	2.5728948	64512
(90225)	16.1	286.07382	208.89633	127.58907	8.67300	0.2329388	2.2610806	64496	(90277)	13.6	336.39834	282.28953	345.08355	9.15633	0.0871715	3.3935918	64513
(90226)	14.9	46.38600	97.81790	122.96897	14.97623	0.2669030	3.1449047	64497	(90278)	14.2	167.84874	67.65777	349.78558	20.53578	0.0681957	3.2320405	64513
(90227)	14.4	2.20743	142.04277	106.18178	12.80656	0.1481137	3.0910897	64497	(90279)	15.3	287.23978	216.46993	126.94559	13.73169	0.1833556	2.6993715	64513
(90228)	14.9	85.66558	31.49865	134.37108	13.23928	0.0537189	2.9955069	64497	(90280)	15.3	87.43116	177.14268	33.95382	28.81348	0.1254966	2.5523370	64514
(90229)	15.9	85.10878	85.80193	132.46587	7.40057	0.0953638	2.3731228	64498	(90281)	16.6	231.33702	272.81528	117.23066	1.47481	0.3167135	2.3624959	64514
(90230)	15.0	87.55576	318.30769	186.15839	10.83338	0.1457841	3.1693964	64498	(90282)	14.8	336.48992	167.34576	115.62302	2.70730	0.1395013	3.2487176	64514
(90231)	14.9	82.17668	280.00709	281.96772	9.49228	0.1812405	2.6290839	64498	(90283)	15.4	145.73357	4.42351	142.33048	13.04704	0.0568149	2.5677311	64514
(90232)	14.2	104.34859	335.27107	155.52280	17.63418	0.1930289	3.1190317	64499	(90284)	15.2	15.83543	2.19600	289.09848	7.80384	0.2272707	2.3942807	64515
(90233)	15.2	34.70355	302.64338	304.08694	12.86368	0.1161792	2.6070251	64499	(90285)	14.6	324.90223	116.69881	185.32600	11.82957	0.1044578	3.1641869	64515
(90234)	15.0	94.19862	210.53910	338.55033	8.86272	0.1818342	2.6435947	64499	(90286)	14.7	50.30126	264.55256	326.00701	5.05327	0.1847972	3.0910623	64515
(90235)	13.7	314.66077	129.20372	146.16867	16.24092	0.1321157	3.3246262	64500	(90287)	15.7	42.39795	56.04949	202.30522	5.90116	0.0986164	2.5477266	64516
(90236)	16.5	184.31792	295.43585	144.03404	6.93818	0.0612245	2.3129972	64500	(90288)	15.0	56.24899	73.93158	156.36843	9.53112	0.1426537	3.0955707	64516
(90237)	15.3	21.14825	122.16743	111.15365	6.59592	0.0057091	2.6864077	64500	(90289)	16.2	21.90486	6.24401	290.68557	1.59567	0.1990563	2.3789911	64516
(90238)	15.4	102.58273	322.28039	172.97903	6.64707	0.0679531	2.9609643	64500	(90290)	14.6	247.91690	217.01496	165.67728	10.09472	0.1786848	2.7737041	64517
(90239)	14.7	103.73106	53.23872	103.90703	15.85554	0.0488116	2.6393096	64501	(90291)	15.6	72.41901	63.73849	185.10123	6.29384	0.1347635	2.3491348	64517
(90240)	15.3	66.96044	216.69911	8.30225	12.46482	0.2219942	2.6933892	64501	(90292)	15.8	36.32390	75.80393	187.05199	5.78803	0.0988328	2.6055590	64517
(90241)	15.0	46.27879	65.19427	134.35567	11.29916	0.0234881	3.0767487	64501	(90293)	14.1	83.60218	16.45677	151.41088	8.80500	0.0477742	3.2078871	64518
(90242)	15.0	29.50663	63.18348	147.68279	10.17544	0.0672325	3.0730137	64502	(90294)	16.4	44.41406	64.45054	187.38894	1.91037	0.1037431	2.5465706	64518
(90243)	14.7	357.23552	342.64824	312.62329	12.72868	0.2572790	2.3508945	64502	(90295)	14.4	93.06732	156.75746	25.03147	15.17543	0.2009080	3.0782873	64518
(90244)	16.0	3.67925	119.86485	124.58823	9.19854	0.0292408	2.7523156	64502	(90296)	14.1	305.84426	165.68439	161.79444	15.01402	0.0646371	3.0468264	64519
(90245)	14.2	85.20959	35.63062	127.41030	18.46324	0.0936393	3.1852099	64503	(90297)	16.2	17.26988	134.53372	145.27000	2.97179	0.1753804	2.4660315	64519

(90298)	16.4	7.52289	63.09448	218.26854	4.84589	0.1222914	2.6104363	64519	(90350)	14.7	126.55227	44.16242	114.94234	13.41871	0.2217174	2.6977543	64535
(90299)	14.5	43.30535	304.32509	327.66676	15.21107	0.2106370	2.6077242	64519	(90351)	14.5	26.75265	185.48916	71.65120	16.42431	0.2072147	3.1969733	64535
(90300)	14.8	41.13183	144.90414	141.36489	26.34140	0.1138404	2.5366835	64520	(90352)	15.0	1.08962	139.72903	165.41234	9.42263	0.0724608	2.8660972	64535
(90301)	16.3	29.19340	68.15810	212.39858	7.48999	0.1891823	2.6987557	64520	(90353)	14.9	20.99794	349.91607	276.20699	8.05512	0.0795357	3.0630075	64536
(90302)	15.2	78.68375	277.54841	294.82570	9.47854	0.1048609	2.7374810	64520	(90354)	15.3	2.45522	64.26139	265.43626	7.95989	0.1966285	2.3918186	64536
(90303)	15.7	350.00006	338.86034	358.87060	11.53507	0.2215523	2.3348992	64521	(90355)	15.1	12.26150	204.62637	131.46814	14.53701	0.1902829	2.6994182	64536
(90304)	14.7	21.59042	150.40367	149.74497	17.23619	0.1742238	2.7492160	64521	(90356)	16.2	326.34631	226.96289	154.51328	7.12461	0.1072683	2.2428197	64536
(90305)	15.1	211.79884	306.22146	108.38915	23.97273	0.3038538	2.4090574	64521	(90357)	15.9	346.39304	95.05089	235.48783	0.92201	0.0714024	2.7378547	64537
(90306)	14.4	51.55878	110.21156	129.88829	22.99503	0.1483697	3.1466652	64521	(90358)	14.3	50.33273	196.88808	60.46768	18.10105	0.1512150	3.0932685	64537
(90307)	15.4	3.04619	177.85667	108.56377	2.42864	0.2053296	3.0079542	64522	(90359)	14.9	60.75410	46.73628	197.64000	9.61905	0.0458522	3.0566061	64537
(90308)	15.4	57.19686	66.23869	188.15255	6.61475	0.0495339	2.5151561	64522	(90360)	15.2	3.62801	261.82957	42.71205	3.48659	0.0668698	3.0713138	64538
(90309)	15.3	34.71704	309.41976	332.71033	11.00779	0.2375810	3.0055154	64522	(90361)	15.6	331.51246	176.80504	215.19835	6.27766	0.0957516	2.3339268	64538
(90310)	14.8	266.68052	48.27528	357.03833	13.65545	0.1070435	2.5381322	64523	(90362)	15.3	320.61021	257.28970	92.14646	10.36743	0.0778682	3.0279830	64538
(90311)	15.0	35.45400	139.66761	127.84820	8.30580	0.1755384	2.5893948	64523	(90363)	14.3	313.97615	262.52554	89.96755	14.88945	0.0375254	3.1169645	64538
(90312)	16.5	311.35672	235.21515	142.46341	6.15356	0.1440805	2.3212368	64523	(90364)	15.0	56.24855	80.47499	184.82687	11.40912	0.0471087	2.6996766	64539
(90313)	15.7	10.95059	321.79659	346.69466	2.01453	0.1876083	2.4367470	64524	(90365)	15.3	188.76891	308.58263	182.18544	12.52860	0.1313735	2.6134573	64539
(90314)	14.7	0.55365	284.90856	7.70830	11.49134	0.1542366	3.0459867	64524	(90366)	14.7	16.50697	120.78002	179.61378	7.60914	0.1649317	3.2191867	64539
(90315)	16.1	344.78093	104.62418	238.06368	2.10029	0.2194803	2.3735568	64524	(90367)	17.7	220.49018	313.69327	86.92925	16.87852	0.4262402	1.1553721	64540
(90316)	15.1	22.58717	89.61742	175.41336	10.04743	0.1788645	3.1895799	64524	(90368)	13.4	345.50910	123.19188	253.75769	31.54445	0.3478676	2.7418209	64540
(90317)	16.1	9.85053	125.38829	193.76875	6.28705	0.1314065	2.3433050	64525	(90369)	14.4	18.35296	157.39799	168.46883	23.19283	0.0844616	3.1117576	64540
(90318)	14.7	1.87888	133.53340	164.82362	10.88112	0.0924600	2.9694338	64525	(90370)	15.2	14.77264	89.51855	274.12090	8.26157	0.1127786	3.1285245	64540
(90319)	16.0	344.47713	30.15491	294.15497	1.79562	0.1824051	2.4779849	64525	(90371)	14.9	95.10263	358.38569	281.43584	8.97285	0.1238052	2.8093203	64541
(90320)	16.3	197.20857	324.68347	157.74483	5.72015	0.0845014	2.2303509	64526	(90372)	13.4	87.20559	132.47867	207.30812	14.10228	0.2323545	3.1736738	64541
(90321)	14.8	335.21467	296.82078	33.88637	15.43662	0.1496390	2.6387744	64526	(90373)	18.8	121.91554	218.53450	189.51183	9.87265	0.2043783	1.6268904	64542
(90322)	15.7	118.34860	21.36241	150.25136	5.03239	0.0313844	2.7426855	64526	(90374)	14.4	341.05368	156.43274	328.98620	9.81015	0.1761094	3.1528521	64542
(90323)	15.5	14.88375	191.89508	102.04744	7.93246	0.2340374	3.0695392	64526	(90375)	15.1	138.17580	234.58104	78.37964	10.70611	0.0792206	2.9678312	64542
(90324)	15.1	354.34470	205.24499	104.04102	10.25782	0.1280891	3.0109216	64527	(90376)	15.2	110.98728	317.67923	37.26942	11.85880	0.0453497	3.0673763	64543
(90325)	15.0	358.38894	48.28026	255.98883	4.61959	0.1616800	2.8507492	64527	(90377)	1.6	357.74865	311.37078	144.55979	11.93199	0.8506573509	3.197860	64543
(90326)	15.8	10.21090	347.21174	350.13232	6.20205	0.2541627	2.2855982	64527	(90378)	15.6	309.94500	7.49213	159.29053	2.71365	0.0767801	2.7403374	64543
(90327)	14.9	135.99679	117.62420	50.19427	13.85017	0.1070652	2.6984782	64527	(90379)	14.4	216.23755	186.52736	142.70454	15.40740	0.1040297	3.1563554	64543
(90328)	15.1	41.16087	310.69502	343.38518	6.44137	0.1229722	2.3331961	64528	(90380)	12.5	320.94221	64.42549	71.86626	9.93411	0.1008997	5.1726019	64544
(90329)	16.1	47.18833	217.63847	71.75202	7.34276	0.1320538	2.3718579	64528	(90381)	15.0	163.77587	227.22283	72.49797	9.87241	0.1348906	2.7542868	64544
(90330)	15.2	33.72058	70.96749	236.75537	6.16850	0.1387532	2.3171805	64528	(90382)	17.0	77.31461	13.70698	32.00764	2.86304	0.2295061	2.3511572	64544
(90331)	15.7	13.40841	264.47272	57.50590	8.45663	0.1786047	2.4092786	64529	(90383)	16.4	110.33188	335.51769	1.48992	1.71182	0.2175142	2.6433393	64544
(90332)	15.4	59.35122	125.59014	123.00635	5.92569	0.1057046	2.7212325	64529	(90384)	15.2	100.44098	12.82790	336.99381	4.42126	0.1569758	3.0080162	64545
(90333)	15.5	93.98118	53.91564	145.91903	7.52065	0.1295528	2.8638362	64529	(90385)	16.1	125.55740	315.59081	44.72580	4.97299	0.1852861	2.2647512	64545
(90334)	15.0	47.96507	103.29761	210.19608	19.82804	0.1653310	2.2779737	64530	(90386)	15.3	99.46472	79.48138	292.65520	14.98706	0.3420187	2.5897448	64545
(90335)	14.8	72.52732	328.90023	239.44518	4.74412	0.1358004	3.0388742	64530	(90387)	14.5	62.74576	345.17838	72.56894	12.50805	0.1161390	3.0231902	64545
(90336)	15.4	18.18898	129.69361	140.27636	0.58358	0.1312421	3.0431397	64530	(90388)	14.6	151.99616	293.31568	51.40439	15.71529	0.1721630	2.5960734	64546
(90337)	11.5	292.49125	69.67766	232.91484	19.35341	0.0782692	5.2311775	64531	(90389)	15.3	91.79165	234.82520	113.76413	10.03978	0.1725054	2.7453725	64546
(90338)	14.9	286.81531	260.02773	133.00329	6.94341	0.1109444	2.4105962	64531	(90390)	14.7	130.45710	326.54114	14.97651	7.35461	0.2377572	2.7845058	64546
(90339)	14.6	21.43610	246.98261	43.12838	11.91554	0.1304114	3.0614846	64531	(90391)	16.0	76.26513	288.00687	126.03980	5.21261	0.1364997	2.3636300	64546
(90340)	15.7	72.65029	83.53016	140.10890	5.72572	0.0824239	2.7911867	64532	(90392)	14.2	17.74096	258.59367	231.12308	23.46741	0.1579316	2.7255416	64547
(90341)	15.8	335.07572	164.28251	183.05976	8.04404	0.1348472	2.4669503	64532	(90393)	15.2	97.75838	343.39369	54.17064	16.19114	0.1433665	2.6262544	64547
(90342)	15.6	61.78700	93.56603	156.28818	2.40275	0.1296443	2.9867128	64532	(90394)	14.6	38.00787	91.98195	38.54990	22.16996	0.0728574	2.5613388	64547
(90343)	15.9	12.41865	304.71227	303.82355	1.95927	0.0352415	2.7661838	64533	(90395)	15.1	27.28068	235.61301	288.89198	23.62042	0.1898470	2.2949263	64547
(90344)	15.3	147.92262	152.38359	23.63690	6.45357	0.0474364	2.4294462	64533	(90396)	15.5	63.78091	307.39990	109.63290	10.62538	0.0870192	2.5705747	64548
(90345)	15.5	359.45995	183.67755	132.27899	7.69490	0.1325212	2.3804498	64533	(90397)	16.1	95.74814	168.88173	194.52792	6.30927	0.2704145	2.5292806	64548
(90346)	16.0	15.66432	327.57548	316.03703	2.44407	0.0848967	2.6084806	64534	(90398)	15.6	40.23047	126.24671	356.77696	6.02334	0.0678756	2.4446468	64548
(90347)	15.2	172.31570	353.14694	142.72215	13.98595	0.0945483	2.7252954	64534	(90399)	15.5	30.74434	68.71251	68.50041	8.83654	0.1251503	2.5629257	64549
(90348)	14.9	18.22550	146.78318	123.17103	17.81223	0.1801179	3.1636390	64534	(90400)	16.3	98.63890	72.89032	339.55943	6.93355	0.0929789	2.3403328	64549
(90349)	14.9	12.81720	233.59214	52.45939	13.32495	0.1229459	3.1414307	64535	(90401)	16.4	123.12138	186.51092	196.27488	0.70499	0.1870645	2.2317154	64549

(90402)	14.5	338.15016	88.75136	119.89086	16.52583	0.1933112	3.1725844	64549	(90454)	15.8	4.51060	42.51153	161.68865	7.88465	0.1781186	2.3484688	64565
(90403)	17.8	63.14914	306.72347	286.34831	19.01325	0.2797573	1.2340021	64550	(90455)	15.7	14.60072	337.03515	218.35521	1.91027	0.2015645	2.3468997	64566
(90404)	15.9	32.92536	52.46303	44.09545	1.24346	0.1178137	2.5712726	64550	(90456)	14.1	16.78262	336.63844	178.61264	12.45946	0.1696656	3.9810108	64566
(90405)	15.2	147.81911	237.61093	88.72750	4.21141	0.0607728	2.7377128	64550	(90457)	14.5	252.29739	181.40114	121.29572	14.93155	0.2141710	2.5442412	64567
(90406)	15.5	114.26464	236.35196	133.64390	4.20265	0.1417537	2.5668900	64551	(90458)	14.5	269.83400	107.98744	156.46513	10.02888	0.0370122	3.3496697	64567
(90407)	14.6	325.05429	116.24466	53.65436	5.93345	0.0294631	2.6990084	64551	(90459)	15.4	25.86935	6.46099	154.95769	7.81430	0.1454999	3.0596781	64567
(90408)	15.1	42.01832	15.15774	84.40475	6.21685	0.1363833	2.9434413	64551	(90460)	16.3	351.65367	300.46003	286.58095	3.90325	0.1819233	2.3185370	64567
(90409)	14.6	339.39362	136.95299	50.01086	3.70334	0.1522746	3.1281605	64551	(90461)	15.5	29.27804	152.64142	358.96319	2.07480	0.2230853	3.0699469	64568
(90410)	15.8	267.09630	316.68128	278.16020	6.86940	0.1696083	2.3437942	64552	(90462)	15.1	208.00947	194.88199	149.38637	23.66480	0.2207405	2.3151322	64568
(90411)	16.2	100.54056	278.47532	110.06672	7.84485	0.1730912	2.2895278	64552	(90463)	16.0	329.46667	283.63950	282.28332	8.96886	0.0520169	3.1201967	64568
(90412)	15.9	57.24208	308.88709	114.57974	8.83371	0.2134356	2.7792191	64552	(90464)	15.7	314.77890	189.46094	48.55436	4.31494	0.1272322	2.4635340	64569
(90413)	15.8	8.11872	251.17016	252.81803	3.67706	0.1024394	2.4932534	64552	(90465)	16.8	280.24945	312.15883	325.22602	4.73732	0.1481120	2.1841926	64569
(90414)	16.1	26.87387	155.35999	336.77969	6.34643	0.0638981	2.3884853	64553	(90466)	15.7	133.01846	4.64490	30.89920	5.67915	0.2416212	2.3915882	64569
(90415)	15.1	81.27724	355.61750	114.70548	12.88471	0.1412848	2.6921149	64553	(90467)	16.6	14.84907	191.85847	6.04593	9.06502	0.0825398	2.4165654	64570
(90416)	18.7	51.31748	232.83019	327.10651	7.85314	0.4922292	1.6943063	64553	(90468)	14.7	0.19179	140.08330	28.20489	8.65044	0.1339105	3.1670374	64570
(90417)	15.9	174.23583	212.92639	121.36307	4.82755	0.2133615	2.3163725	64554	(90469)	16.8	53.12359	308.53083	187.88373	3.39062	0.0817116	2.4882761	64570
(90418)	15.7	202.69851	218.09832	88.13320	3.22459	0.0582943	2.8990825	64554	(90470)	16.1	5.69747	44.63321	165.86980	5.03245	0.1060712	2.3494799	64571
(90419)	16.3	56.15358	106.48000	1.92135	2.99483	0.1448516	2.4324840	64554	(90471)	16.2	354.54189	140.97806	60.53568	6.29505	0.1422122	2.3266488	64571
(90420)	15.5	332.32805	32.54233	152.11427	2.29145	0.0514949	2.9552561	64555	(90472)	16.0	341.11995	124.48600	112.33730	3.12788	0.1666381	2.4659783	64571
(90421)	14.8	72.55170	174.34899	267.36325	12.43045	0.1473169	2.6799872	64555	(90473)	16.3	77.99004	234.75860	208.79706	8.83540	0.2306080	2.7125335	64572
(90422)	14.2	106.90707	316.45851	63.09458	14.04409	0.1895863	2.6872084	64555	(90474)	16.4	350.44207	355.10226	229.18249	2.65651	0.1077703	2.2742600	64572
(90423)	14.5	269.85975	185.95397	62.75030	15.66074	0.0683348	2.6677530	64556	(90475)	14.3	83.95558	286.91358	166.21866	17.66992	0.1777094	3.1279687	64572
(90424)	15.3	8.71819	94.02260	66.49567	15.08616	0.0422349	2.6589561	64556	(90476)	16.2	354.09360	178.58071	48.90347	1.97426	0.1340861	2.3927736	64573
(90425)	15.5	267.10457	131.03928	128.89213	3.89180	0.1387595	2.6555569	64556	(90477)	16.3	61.70137	290.82810	187.98316	12.58344	0.1480229	2.5912327	64573
(90426)	15.6	122.42784	44.19788	345.68324	5.74484	0.1294266	2.3906406	64556	(90478)	13.9	9.41878	213.72679	323.76430	19.84607	0.0191031	3.2307867	64573
(90427)	14.8	20.88202	268.17387	256.60428	13.13951	0.0964765	2.6976525	64557	(90479)	15.0	189.96033	29.78855	338.92314	13.67910	0.1043010	2.5923995	64574
(90428)	16.1	52.07533	82.65392	28.89576	1.94700	0.2054366	2.7945117	64557	(90480)	14.5	8.24330	18.15437	172.16057	19.58178	0.1078744	3.2171358	64574
(90429)	17.4	27.28251	117.28290	40.71197	1.87387	0.1305859	2.4369587	64557	(90481)	15.4	39.60685	272.91650	231.44409	9.12716	0.2485050	2.7915314	64574
(90430)	15.6	78.40742	306.07776	146.42116	13.71128	0.2264389	2.6797179	64558	(90482)	2.3	157.53870	73.33350	268.53706	20.55528	0.2179105	39.4736853	64575
(90431)	14.6	8.40213	342.98923	168.65424	11.30726	0.0279996	3.0161445	64558	(90483)	15.3	315.68834	234.81070	356.61787	12.28021	0.0622232	2.7615742	64575
(90432)	17.4	58.45717	229.27186	251.43423	1.09366	0.1747870	2.3179912	64558	(90484)	16.1	42.12180	352.55950	156.25335	6.04145	0.0717166	2.5879951	64575
(90433)	16.6	169.28571	141.47041	201.24219	1.81597	0.1658675	2.3650746	64559	(90485)	14.4	203.19551	178.75791	165.79693	13.69527	0.2080087	2.6231852	64576
(90434)	16.0	97.03411	12.54754	31.60398	10.23800	0.1715340	2.5242838	64559	(90486)	15.5	82.21409	324.28699	144.43390	13.18926	0.1132159	2.6336949	64576
(90435)	15.4	67.08343	264.01523	188.51029	0.69946	0.1165097	3.0860795	64559	(90487)	14.6	302.33622	94.60343	162.61146	21.35521	0.0220060	3.2388388	64576
(90436)	16.2	38.06234	37.97105	90.76683	1.68753	0.1268399	2.7205576	64560	(90488)	16.3	30.86574	16.67689	154.23952	14.28931	0.1380010	2.6805470	64577
(90437)	15.9	89.46461	58.52844	356.48283	10.53772	0.3204694	2.7825328	64560	(90489)	17.1	87.44054	90.51029	357.71949	2.56330	0.1506830	2.3526788	64577
(90438)	15.4	349.59334	38.45375	161.53406	23.27707	0.1113345	2.4516901	64560	(90490)	14.8	10.98658	151.70160	28.48729	8.74930	0.0849019	2.9642319	64577
(90439)	14.6	36.70982	159.49834	31.90789	19.02059	0.1033838	2.5707144	64561	(90491)	15.4	68.17886	332.68484	140.64356	8.74093	0.1788658	2.7928155	64577
(90440)	15.3	36.00227	202.44707	315.25148	12.98894	0.1239832	2.6689878	64561	(90492)	16.0	346.88326	302.58747	267.94485	11.53219	0.1149361	2.6914526	64578
(90441)	15.8	5.12259	63.03961	139.59413	7.19848	0.1290403	2.3847808	64561	(90493)	15.8	66.40561	337.11003	162.96812	13.73415	0.1000483	2.5998917	64578
(90442)	16.3	338.99757	309.64495	273.90336	6.39410	0.1070852	2.2786044	64562	(90494)	16.2	321.68096	185.79503	78.79929	4.08870	0.1384035	2.3115627	64578
(90443)	15.2	291.65018	99.11100	153.07520	5.73092	0.1102125	3.1127012	64562	(90495)	16.7	135.32671	354.67538	51.94943	2.83243	0.2030938	2.3286313	64579
(90444)	13.9	20.13304	219.67911	321.38970	16.28323	0.1586784	3.0834784	64562	(90496)	16.6	114.72297	256.09519	172.73297	4.65471	0.2057734	2.3426394	64579
(90445)	16.6	16.81592	3.38587	175.89135	3.56920	0.1619510	2.3289432	64563	(90497)	15.9	313.77046	112.94236	134.83624	4.96349	0.0318383	2.7684950	64579
(90446)	15.3	308.72336	221.94438	34.41203	5.61423	0.2170904	2.3544208	64563	(90498)	15.2	167.94621	257.80867	145.91448	24.91472	0.1335061	1.9270596	64579
(90447)	16.2	146.91825	351.59966	35.91355	8.08845	0.1111717	2.3207453	64563	(90499)	16.3	36.38203	101.45384	80.92039	3.58267	0.1282810	2.2952547	64580
(90448)	16.0	333.31312	9.94864	240.24727	1.99483	0.2408693	2.3134036	64564	(90500)	13.9	325.71540	187.90732	53.69793	15.36765	0.1129214	3.0730844	64580
(90449)	14.4	336.24110	181.81127	25.11268	20.02335	0.2226335	3.0603432	64564	(90501)	15.1	27.94270	74.99283	99.32499	16.67489	0.1417864	3.0639929	64580
(90450)	13.8	226.67168	226.02604	94.01708	20.46220	0.0637877	3.1838376	64564	(90502)	14.5	51.66424	314.50537	175.57302	9.10903	0.1916681	3.9914751	64581
(90451)	14.3	43.19648	109.45521	25.96703	22.42706	0.0657279	3.1780807	64564	(90503)	15.9	269.67903	130.96134	189.50535	2.13264	0.2012736	2.3973517	64581
(90452)	13.9	68.79770	321.06374	139.97073	24.09481	0.3178531	3.1150681	64565	(90504)	16.1	258.35800	271.42855	50.83654	6.93156	0.1504162	2.3081888	64581
(90453)	14.6	264.73220	225.99229	103.96447	13.07763	0.0917141	3.0069932	64565	(90505)	16.1	329.67590	115.95475	138.62026	3.73253	0.2167776	2.3141256	64582

(90506)	14.9	290.11192	177.47054	112.80907	10.23755	0.0362269	2.7253220	64582	(90558)	14.2	144.00557	23.88606	48.22235	22.54427	0.0676688	2.6886815	64598
(90507)	15.3	241.43953	259.04227	88.47815	13.22644	0.1893793	2.6720619	64582	(90559)	15.0	169.41924	202.26179	204.97908	11.58855	0.1748665	2.6401307	64598
(90508)	15.6	14.85965	93.20375	109.08851	13.52040	0.1408830	2.6555987	64582	(90560)	15.4	217.37537	346.08897	31.65704	9.82456	0.0523993	2.4010675	64598
(90509)	15.2	30.02472	105.03040	80.81400	12.01404	0.1409706	2.6680346	64583	(90561)	15.5	258.17974	157.28007	187.25334	6.71875	0.1348946	2.3451523	64599
(90510)	14.1	341.13092	150.75324	139.43065	24.94792	0.2882117	3.1543638	64583	(90562)	15.9	292.44258	159.35679	162.57819	6.28076	0.1933878	2.2818144	64599
(90511)	16.1	3.53257	29.24601	199.80727	4.95870	0.0414948	2.2540464	64583	(90563)	14.4	30.90391	36.31356	182.59354	27.94985	0.1692835	3.2003565	64599
(90512)	15.0	356.47068	126.07178	103.38783	7.06950	0.0835422	2.7127588	64584	(90564)	14.0	34.69822	309.93006	230.56573	21.63935	0.1859908	3.1310485	64600
(90513)	14.5	173.88781	164.12088	225.55744	11.29923	0.1944180	2.6921771	64584	(90565)	15.0	2.54395	123.82708	98.34042	12.26660	0.1410288	2.6233616	64600
(90514)	15.1	356.55602	124.81629	101.84165	12.34969	0.0649072	3.0469440	64584	(90566)	14.6	355.12116	175.61318	72.22894	13.32621	0.2289708	3.1509892	64600
(90515)	16.7	355.74760	199.45873	41.98071	2.02026	0.1541358	2.3985068	64584	(90567)	14.5	309.55199	259.37845	40.40159	11.11727	0.1045182	2.9431037	64601
(90516)	15.8	335.25922	349.92293	265.29111	6.89064	0.0829362	2.3457941	64585	(90568)	4.0	20.15032	292.42805	250.60111	21.98090	0.0825370	42.2066640	64601
(90517)	15.8	7.66194	255.01884	329.31714	6.42808	0.0538932	2.3144152	64585	(90569)	12.7	250.93985	29.21458	303.55199	3.67000	0.0284382	5.2888247	64601
(90518)	16.0	30.49916	223.38069	343.25277	7.78917	0.1384154	2.1973365	64585	(90570)	16.8	112.01358	341.81601	150.15425	22.10151	0.0560205	1.8878362	64602
(90519)	14.1	148.04379	220.51381	184.04988	11.13112	0.3080055	2.7983316	64586	(90571)	15.0	298.85439	190.49820	131.05935	20.41576	0.2815416	2.5529806	64602
(90520)	15.1	107.76947	328.21063	107.30670	12.40082	0.1412485	2.6012090	64586	(90572)	14.1	335.45927	166.49542	116.74025	14.20394	0.2578615	3.6759648	64602
(90521)	15.6	87.21823	347.54480	115.79720	13.89900	0.1402509	2.6007688	64586	(90573)	15.0	311.32945	173.73341	125.04150	15.14452	0.1014830	2.6725520	64603
(90522)	13.9	324.02772	180.10634	108.40798	23.84735	0.1524219	3.1300511	64587	(90574)	15.2	302.84577	157.39402	172.02861	12.13219	0.1986878	2.6757662	64603
(90523)	14.8	288.87617	177.13783	121.81869	15.93760	0.0986284	2.5784219	64587	(90575)	16.9	2.68672	191.15684	42.33578	2.79134	0.1390699	2.3696823	64603
(90524)	16.0	67.58611	350.97510	147.10773	9.92212	0.1294487	2.5436999	64587	(90576)	15.7	95.69825	291.07394	192.12433	11.53665	0.0215009	3.0848692	64603
(90525)	16.6	238.83555	171.00116	170.54571	1.79091	0.0138061	2.3135145	64588	(90577)	15.9	79.62433	86.57751	54.96603	5.73019	0.1515107	2.3881606	64604
(90526)	16.2	50.81629	211.83084	309.22131	6.36023	0.0458147	2.3230331	64588	(90578)	16.3	30.58110	314.92015	254.30382	2.82063	0.1408336	2.3771137	64604
(90527)	16.5	358.70889	203.75406	34.94604	0.57643	0.1803071	2.3452795	64588	(90579)	15.1	58.24335	313.14473	215.10413	12.45683	0.2116877	2.6248237	64604
(90528)	15.0	208.97563	148.45752	210.39623	4.79095	0.1206210	2.5637425	64588	(90580)	16.2	41.11237	76.56310	111.75709	3.95981	0.2070320	2.6929403	64605
(90529)	16.4	309.05952	2.37436	259.89238	2.70112	0.0986663	2.3316449	64589	(90581)	15.0	21.37026	147.96374	72.70718	6.11155	0.2047855	3.1744123	64605
(90530)	15.7	341.62039	246.11189	359.18439	7.38274	0.0743265	2.3444595	64589	(90582)	14.0	331.81970	213.35915	70.57407	16.28646	0.0806240	3.2270772	64605
(90531)	16.8	64.03953	135.05580	25.21547	3.50922	0.0921514	2.2123876	64589	(90583)	14.7	352.61515	351.57788	261.87150	9.30733	0.2723770	2.6286321	64605
(90532)	14.0	325.47599	267.23053	20.87232	25.25894	0.2504814	3.1376301	64590	(90584)	16.1	1.79325	108.57329	223.83990	4.28329	0.2071395	2.1452177	64606
(90533)	15.3	289.94087	170.64375	102.91949	5.59502	0.0672730	2.6944568	64590	(90585)	15.1	171.00233	41.57047	343.66591	4.20886	0.1547171	2.5911902	64606
(90534)	15.4	292.80643	241.35474	38.16795	5.26489	0.1294932	3.1734544	64590	(90586)	16.4	295.08612	51.67547	291.32261	1.92342	0.1914904	2.4003730	64607
(90535)	15.9	346.52704	3.51727	228.27723	12.24136	0.1104035	2.5494078	64591	(90587)	15.4	320.87316	356.02854	359.37107	4.31437	0.1585493	3.1328733	64607
(90536)	15.6	253.18763	196.70655	190.94257	6.85326	0.1322929	2.3600233	64591	(90588)	15.9	352.50560	5.39050	345.75487	7.61585	0.1361562	2.3778238	64607
(90537)	14.9	15.37623	288.14427	283.13863	1.96552	0.1924793	3.0684060	64591	(90589)	15.3	226.57818	176.70971	189.61797	3.93955	0.1170855	2.7447149	64607
(90538)	14.9	160.11238	234.91889	193.27305	14.91000	0.1261865	2.6762364	64591	(90590)	16.5	5.63975	197.72261	123.27309	2.09482	0.1969386	2.3803865	64608
(90539)	15.2	120.44345	73.85835	26.07727	14.86668	0.0368247	2.5920600	64592	(90591)	16.4	339.37671	178.43243	164.12105	3.50469	0.2288826	2.2582310	64608
(90540)	15.4	91.45943	107.11089	24.43749	14.43003	0.0574358	2.6396543	64592	(90592)	16.5	289.17661	214.67758	175.00360	6.06220	0.1799591	2.5361705	64608
(90541)	15.2	264.16634	133.53968	186.81204	16.54093	0.0703162	3.0593741	64592	(90593)	14.3	304.13036	93.40865	324.54936	14.96485	0.2357749	3.1265696	64609
(90542)	13.3	253.41626	309.43185	41.69165	22.66106	0.0927969	3.1807178	64593	(90594)	14.3	272.62026	87.64423	342.88583	16.13980	0.2059838	3.1452965	64609
(90543)	14.4	277.71216	241.74291	46.87598	13.43125	0.2118366	2.5357111	64593	(90595)	15.5	278.98187	86.86063	317.23714	1.60044	0.2049861	2.3907665	64609
(90544)	14.4	29.64918	111.47670	44.97362	8.48723	0.1713271	3.1858752	64593	(90596)	15.4	330.53713	60.13073	295.02045	3.58289	0.1513748	3.1249428	64610
(90545)	15.7	326.89012	194.34689	77.01172	5.95201	0.1950916	2.2310667	64594	(90597)	15.7	42.74223	89.55417	340.71870	3.77543	0.1465056	2.6329911	64610
(90546)	16.6	348.51096	196.16255	57.05316	2.26519	0.1558091	2.3906529	64594	(90598)	15.7	30.14867	98.44898	352.52498	7.11249	0.1613555	2.6313521	64611
(90547)	15.5	359.71019	216.77009	12.24866	2.44239	0.1710781	2.9801640	64594	(90599)	15.5	309.04465	15.55067	311.96538	0.30251	0.2363926	3.1436848	64611
(90548)	16.4	32.27007	10.56005	194.42771	6.24657	0.0602907	2.3765104	64595	(90600)	16.0	39.24253	1.29916	181.55342	14.80665	0.0912802	2.4244650	64611
(90549)	16.9	16.76726	182.73496	32.55175	1.90398	0.0766329	2.3176648	64595	(90601)	16.7	125.27110	309.08999	7.03609	3.46947	0.1847913	2.6314246	64612
(90550)	16.0	15.27353	92.33734	123.38858	9.78434	0.0983505	2.7869304	64595	(90602)	15.4	287.98834	139.17173	177.79528	6.18323	0.0874562	3.1877442	64612
(90551)	14.4	122.74981	271.56780	188.98651	32.22862	0.0021743	3.2112001	64596	(90603)	15.9	26.44327	87.47034	172.96023	9.46349	0.2061586	2.3905369	64612
(90552)	16.8	259.04864	111.20868	217.82867	1.87128	0.1869415	2.3284743	64596	(90604)	15.9	37.60382	120.94982	160.07051	6.25937	0.2036698	2.3799978	64612
(90553)	14.9	254.00462	132.08874	194.32201	9.96784	0.0995033	3.0193004	64596	(90605)	15.5	204.18579	268.74409	131.62311	2.87846	0.0891398	2.9460918	64612
(90554)	15.5	60.38917	4.72035	141.18082	14.84709	0.1891440	2.6585951	64596	(90606)	16.0	271.70552	269.00860	65.24037	2.71630	0.1455958	2.5599411	64613
(90555)	15.0	330.50808	241.42039	31.90696	10.94409	0.1020095	2.9740406	64597	(90607)	15.0	147.37570	94.83973	174.79883	13.40087	0.1293723	2.6417713	64613
(90556)	15.8	47.69169	126.13620	52.87601	23.91729	0.2118989	2.3314261	64597	(90608)	16.1	317.60648	173.65024	228.51691	6.14994	0.1373743	2.3772647	64614
(90557)	15.0	253.49845	149.86536	188.86270	6.43430	0.1403991	2.3874541	64597	(90609)	16.1	317.69969	151.21375	211.87409	11.75544	0.2066694	2.3866695	64614

(90610) 16.4 341.83251 112.36992 218.87456 0.99914 0.1758149 2.2601082 64614
 (90611) 16.3 241.89669 179.05781 191.89895 7.06044 0.1285264 2.2832755 64615
 (90612) 17.0 350.52764 76.73691 271.47052 1.17840 0.2381426 2.3763790 64615
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 (90616) 15.3 302.46232 254.19497 59.28775 2.80206 0.0356032 2.9311586 64616
 (90617) 15.3 313.13641 191.29012 171.03612 4.08952 0.2348793 2.6979093 64617
 (90618) 17.2 60.96564 205.40351 325.99479 1.40145 0.1455356 2.3662812 64617
 (90619) 16.6 58.43785 187.54791 353.07062 2.77432 0.1257261 2.3647627 64617
 (90620) 15.1 110.41079 91.41698 50.43139 5.20820 0.0772555 2.5447443 64618
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 (90623) 16.0 155.71954 24.64813 3.94194 14.97816 0.1719254 2.5695531 64619
 (90624) 16.7 174.20522 285.59357 0.11052 5.15984 0.2183499 2.2159887 64620
 (90625) 15.2 334.21477 240.66445 175.58040 5.94280 0.2242523 2.9689059 64620
 (90626) 15.0 340.02175 82.96447 184.07758 7.67902 0.2448716 2.7513085 64620
 (90627) 16.8 352.01657 357.72964 357.00732 4.36334 0.1650965 2.2780757 64621
 (90628) 15.5 149.53308 201.62772 234.07906 2.16721 0.0698896 2.7950762 64621
 (90629) 14.7 285.10954 105.64969 190.93643 16.08964 0.2228305 3.1029806 64621
 (90630) 15.0 101.65988 56.20393 72.78341 0.87080 0.0164695 2.5370384 64621
 (90631) 15.5 320.06472 235.59906 25.04887 4.10686 0.2006624 2.3301181 64622
 (90632) 15.8 285.81305 81.51252 245.99582 0.25498 0.1340543 2.5176756 64622
 (90633) 15.2 350.09533 152.03056 163.18978 9.31474 0.2022857 2.7123136 64623
 (90634) 15.6 263.32551 179.02205 177.82704 2.95233 0.0671495 2.5147772 64623
 (90635) 15.6 98.34089 264.97863 156.94578 5.42194 0.1001774 2.8482223 64624
 (90636) 16.1 350.34874 290.76473 21.48392 6.79464 0.1412152 2.7193883 64624
 (90637) 15.4 30.43330 132.28708 157.23822 6.92194 0.2013788 2.2802903 64624
 (90638) 15.6 163.76101 20.48060 34.93652 4.11849 0.1305165 3.1190271 64625
 (90639) 16.3 305.15324 252.30815 31.69630 7.29593 0.1202025 2.3296374 64625
 (90640) 15.4 172.89546 262.01635 50.38512 2.76423 0.0571165 2.8652721 64625
 (90641) 14.7 40.39155 50.35877 27.08019 5.07255 0.1007119 3.2335721 64626
 (90642) 15.1 67.00316 216.84750 203.71884 21.91191 0.1097002 2.6081642 64626
 (90643) 14.7 9.63401 349.31426 322.20889 9.73535 0.1136036 3.0075034 64626
 (90644) 15.5 307.78790 42.28248 335.66584 10.90012 0.1621195 3.0141609 64626
 (90645) 14.5 95.23882 41.94665 281.18548 8.39872 0.2352288 2.9887673 64627
 (90646) 14.7 314.34749 146.63122 231.72313 12.62999 0.1758811 3.1092898 64627
 (90647) 15.2 354.05620 52.61666 267.20569 8.02818 0.1421319 2.7516387 64627
 (90648) 14.3 7.92793 101.16331 217.43743 21.09957 0.0915264 3.1057455 64628
 (90649) 15.8 69.35245 36.55994 330.74894 7.36641 0.1994129 2.6579019 64628
 (90650) 15.3 131.74633 53.94614 235.64298 13.59882 0.0960860 2.6643735 64628
 (90651) 15.2 359.61014 283.69022 333.33404 5.67747 0.1732457 2.2931090 64629
 (90652) 14.6 162.99589 192.07689 228.47634 11.45757 0.1472430 2.8564806 64629
 (90653) 15.5 331.11080 263.88136 328.60963 5.49154 0.1006607 2.3297074 64629
 (90654) 16.2 126.72251 214.86121 248.20580 3.37056 0.0776597 2.5517557 64630
 (90655) 15.0 324.73390 89.60661 229.10136 6.17621 0.2255592 2.7705881 64630
 (90656) 16.3 346.14474 58.39055 233.97592 5.71520 0.1850469 2.2796197 64631
 (90657) 14.9 279.33107 81.12651 256.63059 2.45082 0.1871969 2.8035663 64631
 (90658) 14.8 296.17628 202.71366 213.23510 16.97819 0.2764718 3.1148574 64631
 (90659) 14.9 115.44600 346.63264 24.73861 2.19995 0.0603976 2.9446013 64632
 (90660) 15.5 237.16381 231.11797 146.62593 2.38943 0.1084733 2.8161328 64632
 (90661) 14.6 243.76219 326.52946 39.06080 5.42709 0.1733529 3.1974654 64633

(90662) 15.6 91.23028 109.36887 181.07777 16.42237 0.3373369 3.0061572 64633
 (90663) 15.9 47.17298 280.88740 145.04608 4.86667 0.1069083 2.6413804 64633
 (90664) 13.9 308.44570 274.28412 32.17918 23.10530 0.1676432 3.1838270 64634
 (90665) 15.4 103.62902 59.62252 54.42493 6.36206 0.1568101 2.3352963 64634
 (90666) 14.7 274.44368 107.55647 171.55359 13.09474 0.1480252 2.5636143 64634
 (90667) 16.5 353.49730 208.23895 143.43299 7.01006 0.1517151 2.4614719 64635
 (90668) 15.7 174.49621 256.59047 162.90349 11.43765 0.0835793 2.3182414 64635
 (90669) 15.1 274.93404 246.64488 152.81167 12.14383 0.1110316 3.1424354 64635
 (90670) 15.1 309.64710 231.42349 153.54949 9.76148 0.1902591 2.7494481 64636
 (90671) 15.1 259.96395 294.15366 121.00249 11.18454 0.0772980 3.1418898 64636

SUMMARY OF IDENTIFICATIONS

The following identifications are invalid:

1993 FL ₃₇	= 2001 WA ₈₄	MPO 24933
1999 RM ₁₉	= 2001 YZ ₅	MPO 34769
1999 TL ₁₀	= 1998 MG ₁₅	MPO 12940
2000 EK ₄₁	= 1996 TF ₆₄	MPC 39492
2000 HG ₈₄	= 1989 UF ₈	MPO 14889
2000 JU ₈	= 2001 YV ₄₂	MPO 33233
2000 LB ₃₂	= 1987 KG ₂	MPO 22197
2000 QK ₁₉	= 1999 GO ₁₃	MPO 7050
2000 SU ₂₂₇	= 2001 YA ₈₁	MPO 22628
2000 TU ₁₁	= 2001 YS ₅₅	MPO 25267
2000 WJ ₁₆₀	= 1998 ES ₇	MPO 8300
2001 QY ₂₀₀	= 1998 EE ₄	MPO 20036
2001 VX ₅₉	= 2000 SM ₃₆₅	MPO 23059
2001 WE ₇₅	= 2002 XG ₁₄	MPO 46951
2001 XL ₁₅₈	= 2003 DN ₆	MPO 43208
2002 CS ₁₈	= 2001 BF ₁₆	MPO 25639
2002 TK ₁₈₉	= 2000 AP ₁₃₂	MPO 41085
2002 UK ₂₇	= 1999 AW ₃₅	MPO 41151
2002 VK ₁₂₀	= 2000 FL ₄	MPO 41272
2003 FN ₅	= 2001 XD ₁₃₄	MPO 50180
2003 FG ₄₁	= 1996 BG ₇	MPO 47414
2137 P-L	= 1998 UD ₁₃	MPC 39494

Further details, orbital elements and residuals for the identifications listed below are given in the *Minor Planet Circulars Orbit Supplement*.

1981 EG₃₂ = 2004 HD₁₆
 1981 EA₃₇ = 2003 XD₃₉
 1981 ED₄₈ = 2001 VX₆₇ = 2004 HV₁₆
 1990 TV₉ = 2004 PH₁₀₂
 1992 RN₅ = 2004 MU₄
 1993 FG₃₀ = 2004 FE₄₆
 1993 TX₉ = 2004 BK₁₂₉
 1994 AM₇ = 2004 LJ₂₁
 1994 PP₃₂ = 2004 LJ₁₃
 1994 RG₂₅ = 2004 LV₁
 1994 SN₁ = 2003 TH₃₁
 1994 SB₂ = 2004 JS₁₇

1994 SU₅ = 2003 KX₃₀ = 2004 NW₂₉
 1994 SV₆ = 2004 NU₈
 1995 AE = 1977 AZ₂ = 2002 BN₅ = 2004 OO₃
 1995 BZ₇ = 1997 PH₂ = 2004 DJ₂₈
 1995 CV₈ = 2003 AE₈₂ = 2004 PN₁₇
 1995 FS₇ = 2004 JP₃₂
 1995 HZ₃ = 2004 GD₇₉
 1995 HL₄ = 2004 KK₆
 1995 MN₆ = 2004 NN₃₀
 1995 SZ₇ = 2001 WO₇₇ = 2004 KJ₃
 1995 SC₁₂ = 2004 LE₁₂
 1995 SR₂₄ = 2004 PJ₃₅
 1995 SG₄₂ = 2003 XX₃₃
 1995 SU₆₂ = 2004 PZ₉₃
 1995 SP₈₂ = 2004 GZ₃₂
 1995 TN₃ = 2003 TF₃₇
 1995 TL₇ = 2004 QP₁₂
 1995 UG₁₁ = 2000 WK₁₉₆
 1995 WE₄ = 2004 NH₈
 1995 YQ₇ = 2004 LR₁₃
 1995 YQ₁₁ = 2004 PE₁₀₆
 1996 CX = 2003 UX₂₉₆
 1996 EZ₃ = 2003 YF₁₅₉
 1996 ES₈ = 2003 XV₂₂
 1996 GG₁₄ = 2000 KU₂₅ = 2003 ER₅₅
 1996 HN₈ = 2001 WH₈₄ = 2003 FY₁₁₆ = 2004 PO₂₁
 1996 KN₂ = 2004 PT₆
 1996 TA₃₄ = 2004 JO₄
 1996 VB₁₄ = 2004 JV₄
 1996 XZ₁₆ = 2003 TO₃₂
 1997 ES₇ = 2004 JW₃₄
 1997 HQ₁₁ = 2004 PO₈₉
 1997 NT₅ = 2004 PN₅₈
 1997 QO₂ = 2004 NW₆
 1997 ST₆ = 2003 XG₃₅
 1997 SG₁₂ = 2004 PA₈₁
 1997 TU₂₁ = 2004 CH₁₂₅
 1997 WA₁₂ = 2004 JL₃₀
 1997 WB₁₅ = 2004 NS₃₀
 1997 WM₂₈ = 2001 SD₃₅₁ = 2003 BD₈₁
 1998 BU₂₆ = 2003 TK₂₃
 1998 CN₄ = 1999 TW₂₀₆ = 2004 PV₂₈
 1998 DG₈ = 2004 OU₆
 1998 FU₃₄ = 1980 FK₈
 1998 HH₂₅ = 2004 QE₅
 1998 HN₁₄₆ = 1994 SN₁₀ = 2004 LP
 1998 KY₁₀ = 2004 PE₁
 1998 MS₆ = 2004 PX₆₂
 1998 QG₃₆ = 2004 DR₇₅
 1998 QC₆₃ = 2004 LH₇
 1998 RG₈ = 2003 YZ₁₆₇
 1998 RR₂₄ = 2003 XN₂₅
 1998 RO₆₂ = 2004 JB₄₆
 1998 RU₇₀ = 2004 JA₂₄
 1998 RM₇₄ = 2004 JP₄
 1998 RT₈₀ = 2004 LJ₄
 1998 SG₆ = 2004 FA₁₅₈
 1998 SQ₄₉ = 2004 HB₂
 1998 SZ₈₁ = 6238 P-L = 2004 JR₃₃
 1998 SD₈₈ = 2003 XY₉
 1998 SM₁₃₀ = 2004 JF₅₃
 1998 TV₂₇ = 2003 UJ₃₀₇
 1998 XE₇ = 2004 FS₁₅₅
 1998 YH₁₆ = 2003 XU₂₇
 1999 AO₂₁ = 2004 LM₁₁
 1999 CV₂ = 2004 BJ₁₄₆
 1999 CV₆ = 2004 PE₆₉
 1999 CS₆₉ = 2001 SB₉₄ = 2004 KO₁₅
 1999 CZ₉₆ = 2004 JG₃₀
 1999 CK₁₀₈ = 2004 HL₃₄
 1999 CW₁₂₉ = 2004 FE₁₅₉
 1999 FH₂₁ = 2004 PH₃₈
 1999 FL₅₆ = 2003 XF₃₉
 1999 FR₆₂ = 2004 LM₂₇
 1999 HM₁₁ = 2004 PW₁₀₀
 1999 JN₇ = 2004 OD₁
 1999 JB₁₁ = 2004 HJ₃₃
 1999 JH₁₃₅ = 2004 OK₈
 1999 KH = 2004 PL₇
 1999 NY₅ = 2004 PM₃₉
 1999 NM₅₄ = 1999 RD₁₉₈
 1999 RR₅ = 2004 PP₉₉
 1999 RH₉ = 2004 HW₆₆
 1999 RH₂₉ = 2004 GJ₇₇
 1999 RJ₃₀ = 2004 PG₂₆
 1999 RO₅₈ = 2004 PC₄
 1999 RO₉₉ = 1981 UR₁₃
 1999 RG₁₁₄ = 2004 JQ₅
 1999 RY₁₂₇ = 2001 DK₆₆ = 2003 YW₉₀
 1999 RQ₁₅₇ = 1999 SS₂₂
 1999 RM₁₈₉ = 1999 QS₁
 1999 RU₂₀₁ = 2004 NZ₁₃
 1999 RO₂₀₂ = 2004 PO₇₃
 1999 RX₂₀₂ = 2004 LQ₂₅
 1999 RD₂₀₇ = 2004 OM₁₀
 1999 RH₂₀₇ = 2004 PK₂₃
 1999 RF₂₁₂ = 2004 LU₁₁
 1999 RZ₂₃₇ = 2004 GF₇₄
 1999 RR₂₄₉ = 1999 TP₆₀ = 1999 UP₆₀
 1999 TZ₃₁ = 2003 YR₁₇₅
 1999 TP₄₈ = 2004 PG₃₉
 1999 TA₅₄ = 2004 NH₅
 1999 TQ₆₂ = 2004 PX₈₇
 1999 TM₆₅ = 2004 PB₈₈

1999 TB₈₉ = 1999 RY₁₄₂
 1999 TM₁₀₄ = 2004 PQ₉₇
 1999 TO₁₀₈ = 2004 NN₅
 1999 TB₁₁₅ = 2004 PX₂₅
 1999 TC₁₁₅ = 2003 YF₁₅₈
 1999 TV₁₃₅ = 2004 QN₁₃
 1999 TF₁₃₆ = 2004 NN₁₄
 1999 TX₁₃₆ = 2004 LL₂₉
 1999 TD₁₄₈ = 2004 PK₉₂
 1999 TQ₁₆₃ = 2004 PB₂
 1999 TN₁₇₉ = 2004 ND₂₈
 1999 TR₁₈₉ = 2004 PE₃₄
 1999 TV₂₀₄ = 2004 PB₉₉
 1999 TS₂₁₈ = 1999 TA₁₃₈ = 2004 NP₇
 1999 TX₂₃₄ = 2004 PP₂₃
 1999 TN₂₃₆ = 2004 CW₁₁₉
 1999 TL₂₅₀ = 2004 PK₈₁
 1999 TV₂₅₀ = 2004 NO₂₁
 1999 TV₂₅₆ = 2004 PP₇₃
 1999 TW₂₅₆ = 2004 OG₁₀
 1999 TO₂₅₈ = 2004 PF₅₃
 1999 TY₂₈₉ = 2003 HD₂₅ = 2004 MG₃
 1999 TL₂₉₁ = 2004 QD₂
 1999 TJ₂₉₅ = 2004 PS₁₅
 1999 UJ₃₄ = 2003 YE₁₆₈
 1999 UZ₅₀ = 2004 PG₂₇
 1999 VX₄₁ = 2004 NZ₁₀
 1999 VZ₄₈ = 2004 QO₂
 1999 VV₆₀ = 2004 PA₇
 1999 VT₆₁ = 2004 AT₂₆
 1999 VV₆₅ = 2004 BP₁₃₈
 1999 VM₇₃ = 2004 DN₇₇
 1999 VS₉₅ = 2004 QJ₂₂
 1999 VL₁₀₀ = 2003 TV₄₇
 1999 VU₁₀₃ = 2003 YG₁₆₆
 1999 VG₁₀₆ = 2004 PG₃₆
 1999 VV₁₁₆ = 2004 MS₄
 1999 VG₁₂₂ = 2004 CM₁₂₇
 1999 VW₁₂₃ = 2003 TF₃₂
 1999 VD₁₄₇ = 2003 UZ₃₀₄
 1999 VX₁₇₈ = 2004 JF₆
 1999 VD₁₈₅ = 2004 BP₁₅₀
 1999 VF₁₉₇ = 2004 QG₅
 1999 VW₂₁₀ = 2004 PZ₁₅
 1999 WK₁₂ = 1993 BS₈ = 2004 CW₁₁₅
 1999 XV₁₄ = 2004 JU₅
 1999 XL₂₅ = 1999 VN₂₈ = 2004 PV₁₀₃
 1999 XF₅₉ = 2003 YJ₁₆₇
 1999 XA₇₈ = 2004 BX₁₃₁
 1999 XE₈₀ = 2004 AO₁₂
 1999 XH₈₁ = 2003 UT₂₉₈
 1999 XR₂₂₇ = 2004 HP₁₉

1999 XD₂₆₁ = 1999 YO₂₈
 1999 YX₄ = 2004 GM₂₆
 2000 AB₄ = 2003 XO₄₂
 2000 AV₂₄ = 2003 XK₃₅
 2000 AV₄₄ = 2003 XK₂₅
 2000 AK₉₃ = 2003 WJ₁₆₆
 2000 AJ₁₄₅ = 2004 BY₁₅
 2000 AU₁₄₈ = 2003 XL₂₇
 2000 AB₁₅₈ = 2004 QM₁₈
 2000 AO₂₁₉ = 2000 AK₂₅₅ = 2004 EE₁₁₂
 2000 CL₄₇ = 2004 BN₁₅₁
 2000 CA₆₇ = 2004 JM₁₅
 2000 CU₇₄ = 2003 TC₃₃
 2000 CC₈₈ = 1986 EY₂ = 2001 PQ₂₆
 2000 CC₁₀₀ = 2004 PL₁₂
 2000 CM₁₀₀ = 2004 KK₈
 2000 CP₁₃₆ = 2000 DU₉₀ = 2004 AB₁₆
 2000 CQ₁₃₈ = 2004 GG₂₄
 2000 CR₁₄₀ = 2004 HX₂₅
 2000 DQ₆ = 1994 CF₁₅
 2000 DC₁₇ = 2004 NB₄
 2000 DE₂₃ = 2003 YC₁₇₀
 2000 DU₄₀ = 2004 DW₇₅
 2000 DK₄₈ = 2000 CY₁₄₆
 2000 DQ₆₇ = 2004 AX₂₅
 2000 DO₆₈ = 2003 XZ₄₂
 2000 DN₆₉ = 2004 JU₁₅
 2000 DH₇₇ = 2004 JR₈
 2000 DM₈₆ = 2004 BB₁₅₀
 2000 DH₈₇ = 2004 HM₂₄
 2000 DO₁₀₈ = 2003 UA₃₁₀
 2000 ET₁ = 2004 PR₁₈
 2000 ED₃ = 2004 JW₄₅
 2000 ES₁₁ = 2004 HW₄₅
 2000 EA₂₂ = 2004 OD₁₃
 2000 EL₃₁ = 2004 AS₂₄
 2000 EO₃₅ = 2004 GN₇₅
 2000 EO₅₉ = 2004 GS₂₂
 2000 ED₆₀ = 2004 NM₂₉
 2000 ED₇₈ = 2004 GD₂₄
 2000 ED₉₉ = 2004 CU₅₇
 2000 EM₁₂₈ = 2004 LP₁₃
 2000 EB₁₃₉ = 2004 EL₁₁₄
 2000 EN₁₆₈ = 2003 TE₃₂
 2000 FX₁₅ = 2003 YP₁₆₀
 2000 FJ₄₅ = 2004 NB
 2000 FX₅₆ = 2004 JG₂₀
 2000 FZ₅₇ = 2004 JA₁
 2000 GF = 2004 JV₇
 2000 GJ₂ = 2004 PD₉
 2000 GL₁₉ = 2004 GA₈₀
 2000 GP₂₇ = 2004 JL₄₁

2000 GT₂₉ = 2004 GL₇₆
 2000 GL₄₈ = 2004 JJ₄₂
 2000 GY₆₀ = 2000 JT₈₁
 2000 GE₆₄ = 2004 KH₇
 2000 GX₁₁₀ = 2004 BQ₁₅₈
 2000 GH₁₂₀ = 2004 JX₂₉
 2000 GD₁₂₃ = 2004 PF₁₀
 2000 GY₁₃₀ = 2004 FC₁₅₀
 2000 GZ₁₃₇ = 2001 RA₁₃₆
 2000 GL₁₄₀ = 2004 JF₃₁
 2000 GR₁₅₀ = 2004 FQ₁₆₁
 2000 GM₁₅₄ = 2004 BA₁₅₉
 2000 GY₁₅₄ = 2004 JA₃₃
 2000 GZ₁₆₄ = 2000 GX₁₈₆ = 2002 XW₅₀ = 2004 GQ₇₈
 2000 GE₁₇₂ = 2001 UR₁₉₈ = 2004 JR₃₅
 2000 GD₁₇₃ = 2004 JK₃₅
 2000 GZ₁₇₃ = 2004 NY₂₇
 2000 HP₂₃ = 2004 PZ₂₃
 2000 HW₂₆ = 2000 HB₁₀₅
 2000 HS₅₅ = 2004 JO₂₆
 2000 HY₅₈ = 2003 UE₁₅₈
 2000 HY₅₉ = 2004 NE₁
 2000 HG₆₆ = 2004 OH
 2000 HH₇₁ = 1979 OZ₃
 2000 JU₈ = 2004 PJ₈
 2000 JS₉ = 2004 JA₂
 2000 JE₃₁ = 2004 LH₁₃
 2000 JZ₄₄ = 2004 PH₂₄
 2000 JG₅₃ = 2004 NB₉
 2000 JM₈₁ = 2004 KB₄
 2000 JT₈₂ = 2004 NQ₁₈
 2000 KU₁ = 2004 JY₂₅
 2000 KA₅ = 2004 LA₂₃
 2000 KO₇ = 2001 WO₇₁ = 2004 PO₅₈
 2000 KZ₇ = 2004 HY₆₄
 2000 KH₂₆ = 2004 PT₅₅
 2000 KO₃₁ = 2004 JP₆
 2000 KZ₄₂ = 2004 PH₇₉
 2000 KA₄₉ = 2004 NE₁₀
 2000 KR₅₇ = 2004 BD₁₄₁
 2000 KU₅₇ = 2000 JL₈₉
 2000 KO₇₉ = 2000 LS₂₉ = 2004 NK₅
 2000 LF₄ = 2004 NS₄
 2000 LF₇ = 2004 PK₆₁
 2000 LN₈ = 2004 PG₁₅
 2000 LU₂₈ = 2004 LY₂₆
 2000 LU₂₉ = 2004 PG₃₂
 2000 LB₃₁ = 2004 LW₃
 2000 OB₈ = 1987 SU₂₃
 2000 OT₁₀ = 2004 KL₁₇
 2000 OC₁₄ = 2004 PV₈₄
 2000 OR₁₇ = 2004 JC₁₅
 2000 OB₃₅ = 2004 PA₃₆
 2000 OQ₄₄ = 1987 QN₈
 2000 PG₈ = 2004 OK₂
 2000 PC₁₆ = 2004 NU₁₄
 2000 QL₃ = 2004 LD₁₄
 2000 QZ₁₀ = 2004 LY₂₂
 2000 QJ₃₄ = 2004 PZ₄
 2000 QE₄₁ = 2004 HN₄₈
 2000 QZ₄₂ = 1976 UN₁₈
 2000 QD₄₄ = 2000 PO₃₁
 2000 QG₄₇ = 2004 MS₆
 2000 QM₅₉ = 2004 FE₁₅₇
 2000 QN₆₄ = 2004 MZ
 2000 QU₇₉ = 2004 JC₅₅
 2000 QQ₈₈ = 2004 PP₉₀
 2000 QS₁₀₇ = 2004 OC₁₁
 2000 QP₁₁₁ = 2004 ND₃₂
 2000 QJ₁₁₇ = 2004 LM₇
 2000 QE₁₁₈ = 2004 PA₁₆
 2000 QP₁₂₄ = 2004 PV₉₀
 2000 QO₁₂₅ = 2004 PW₅₀
 2000 QV₁₂₅ = 2004 PJ₁₃
 2000 QX₁₂₉ = 1991 PF₂₂
 2000 QQ₁₃₀ = 2004 PV₁₁
 2000 QZ₁₃₇ = 2004 KS₁₂
 2000 QN₁₄₇ = 2004 MR₇
 2000 QC₁₅₃ = 2004 PB₉₀
 2000 QU₁₅₈ = 2004 KB₅
 2000 QT₁₆₁ = 2004 QP₄
 2000 QY₁₆₄ = 2004 PJ₈₉
 2000 QO₁₆₇ = 2004 KC₁
 2000 QF₁₆₈ = 2004 LD₃
 2000 QQ₁₆₉ = 2004 NA₁₉
 2000 QS₁₇₁ = 2004 LZ₂₄
 2000 QU₁₇₅ = 2004 JE₁₁
 2000 QY₁₈₂ = 2004 PQ₆₉
 2000 QM₁₉₇ = 2004 MT₄
 2000 QE₂₀₁ = 2000 SZ₁₉₀
 2000 QC₂₀₆ = 2004 PR₈₃
 2000 QK₂₁₀ = 2004 NZ₂
 2000 QS₂₁₁ = 2004 NE₁₉
 2000 QK₂₁₂ = 2000 TP₆₉
 2000 QF₂₁₄ = 2004 PZ₃₇
 2000 QQ₂₁₄ = 2004 PX₂₈
 2000 QJ₂₁₆ = 2004 NR₉
 2000 QX₂₁₉ = 2004 NM₂₁
 2000 QY₂₂₈ = 2004 LU₂₂
 2000 RL₂₀ = 2004 JS₃₀
 2000 RN₂₁ = 2004 PN₅₉
 2000 RL₂₆ = 2004 GB₈₈
 2000 RM₂₇ = 2000 SC₃₂₁
 2000 RJ₅₆ = 2004 PV₃₂

2000 RN₅₈ = 2004 PM₁₇
 2000 RB₆₅ = 2004 JU₅₁
 2000 RC₇₉ = 2004 QF₂₂
 2000 RM₇₉ = 2004 NC₂₀
 2000 RO₈₁ = 2004 PZ₅
 2000 RP₈₆ = 2004 JP₇
 2000 RW₈₇ = 2004 NP₄
 2000 RH₈₈ = 2004 ER₁₁₂
 2000 RS₈₈ = 2004 OP₉
 2000 RF₉₆ = 2004 MC₈
 2000 RZ₉₉ = 2004 JW₄₃
 2000 RG₁₀₄ = 2004 OT₇
 2000 RH₁₀₆ = 2004 MU₁
 2000 SG₂ = 2004 MX₄
 2000 SE₆ = 2004 QM₁₉
 2000 SZ₆ = 2004 PA₅
 2000 SU₁₂ = 2004 JE₃₁
 2000 SG₁₆ = 2004 PK₈₀
 2000 SY₁₈ = 2004 NS₁
 2000 SA₂₂ = 2004 KC₁₇
 2000 SH₂₉ = 2000 QF₁₇₇ = 2004 NF₁₇
 2000 SB₃₀ = 2004 PG₅₂
 2000 SV₃₂ = 2004 NU₂₆
 2000 SL₃₄ = 2004 PQ₅₂
 2000 SM₃₄ = 2004 PS₅
 2000 SW₃₇ = 2004 NQ₁₀
 2000 SS₄₀ = 2004 HB₁₈
 2000 SN₄₈ = 2004 MR₅
 2000 SC₅₀ = 2004 PN₈
 2000 SP₅₂ = 2004 GE₂₈
 2000 SR₅₇ = 2004 PT₅₀
 2000 ST₅₇ = 2004 LA₅
 2000 SX₅₇ = 2004 KW₁₂
 2000 ST₅₉ = 2004 HP₆₄
 2000 SS₆₃ = 2004 PM₅₆
 2000 SW₆₃ = 2004 PA₃₇
 2000 SZ₆₄ = 2004 NH₂₀
 2000 SG₇₁ = 2004 PR₆₂
 2000 SM₇₃ = 2004 JH₂₈
 2000 SG₇₇ = 2004 PF₁₀₅
 2000 SB₈₀ = 2004 PQ₄₅
 2000 SL₈₁ = 2004 PE₁₇
 2000 SQ₈₇ = 2000 PR₃₁
 2000 SX₈₉ = 2004 LC₂₈
 2000 SX₉₄ = 2004 PF₇₁
 2000 SA₉₅ = 2004 PA₇₈
 2000 SY₉₅ = 2004 NG₂₁
 2000 SG₉₉ = 2000 QM₂₂₆
 2000 SB₁₀₀ = 2003 JM₁₅ = 2004 NY₅
 2000 SY₁₀₂ = 2004 PV₇₄
 2000 SO₁₀₅ = 2000 ST₂₃₉ = 2004 LQ₁₇
 2000 SV₁₂₈ = 2004 KB₁₀
 2000 SN₁₂₉ = 2004 MB₃
 2000 SS₁₃₂ = 2004 ND₁₁
 2000 SF₁₃₇ = 2004 PS₂₆
 2000 SL₁₃₇ = 2004 PE₁₉
 2000 SZ₁₅₆ = 2004 NH₂₈
 2000 SN₁₆₁ = 2004 OY
 2000 SK₁₆₅ = 2004 HF₆₃ = 2004 JT₂₄
 2000 SZ₁₇₃ = 2004 PN₇
 2000 SD₁₇₄ = 2004 MF₁
 2000 SW₁₇₄ = 2004 LE₁₃
 2000 SP₁₇₅ = 2004 NZ₃₀
 2000 SH₁₈₁ = 2004 PG₂
 2000 SJ₁₈₃ = 2004 GX₈₃
 2000 SL₁₈₃ = 2004 PF₇
 2000 SQ₁₈₃ = 2004 PK₁₆
 2000 SN₁₈₉ = 2004 NX₂₂
 2000 SR₁₉₀ = 2004 LU₁
 2000 SB₁₉₁ = 2004 PS₈
 2000 SB₁₉₄ = 2004 PN₂₀
 2000 SQ₁₉₈ = 2004 QG₂₁
 2000 SO₂₀₀ = 2004 KZ₁₀
 2000 SQ₂₀₂ = 2004 OQ₂
 2000 SH₂₀₅ = 2004 PP₃₉
 2000 SQ₂₁₀ = 2003 KG₅ = 2004 PM₁₄
 2000 SK₂₃₈ = 2004 PR₇₄
 2000 SK₂₄₃ = 2004 PW₄₉
 2000 SZ₂₄₇ = 2004 PZ₄₉
 2000 SB₂₄₈ = 2004 PY₅₄
 2000 SE₂₅₀ = 2004 PC₇₄
 2000 SF₂₅₂ = 2004 PY₄₅
 2000 SL₂₅₃ = 2004 PL₂₇
 2000 SC₂₅₄ = 2004 PU₅₇
 2000 SL₂₈₅ = 2004 OG₆
 2000 SW₂₉₁ = 2004 PH₅₉
 2000 ST₂₉₇ = 2004 KY₈
 2000 SW₃₀₂ = 2004 PW₃₈
 2000 ST₃₁₁ = 2004 PR₁₀
 2000 SW₃₁₁ = 2004 MT₆
 2000 SZ₃₁₄ = 2004 LZ₁
 2000 SK₃₁₅ = 2004 JE₃₇
 2000 SB₃₁₇ = 2004 LS₂₂
 2000 SO₃₁₇ = 2004 LQ₇
 2000 SA₃₂₃ = 2004 HV₅₃
 2000 SG₃₃₄ = 2004 PV₁₀
 2000 SM₃₄₀ = 2004 LV₁₅
 2000 SA₃₄₇ = 2004 MS₅
 2000 SX₃₄₈ = 2004 PT₃
 2000 SC₃₄₉ = 2004 PF₇₈
 2000 SQ₃₅₁ = 2004 JN₁₈
 2000 SA₃₅₂ = 2004 PT₆₂
 2000 SN₃₅₂ = 2004 QW₁₁
 2000 TP = 2004 QK₁₉

2000 TM₁ = 2004 GO₁₉
 2000 TV₃₄ = 2004 PP
 2000 TJ₄₂ = 2004 PG₃₈
 2000 TQ₄₃ = 2004 JB₃₈
 2000 TT₄₃ = 2004 NZ₆
 2000 TK₅₀ = 2004 PX₄₇
 2000 TY₅₃ = 2004 OA₁₁
 2000 TU₆₃ = 2004 PB₂₆
 2000 UN₃ = 2004 PE₉₃
 2000 UM₁₃ = 2000 QB₂₅₄
 2000 UA₁₄ = 1998 BR₃₆
 2000 UD₁₉ = 2004 PN₆₇
 2000 UY₄₂ = 2004 JK₃₃
 2000 UW₆₂ = 2004 LF₁₃
 2000 UG₆₅ = 2004 NG₃
 2000 UB₈₄ = 2004 LB₂₉
 2000 UU₉₃ = 1988 DX₃
 2000 UC₁₀₀ = 2004 PK₁₀₃
 2000 VZ₁ = 2004 FB₁₄₇
 2000 VD₂₆ = 2004 PS₇₉
 2000 VG₄₂ = 2004 PJ₃₇
 2000 VY₄₄ = 2004 PN₁₀₄
 2000 VR₅₄ = 2004 PF₁₀₁
 2000 WH₂ = 2004 NX₂
 2000 WW₁₃ = 2003 TA₄₇
 2000 WU₃₀ = 2004 PD₉₉
 2000 WY₃₁ = 2004 PS₈₄
 2000 WY₃₇ = 2004 PW₆₁
 2000 WM₇₁ = 2004 PD₉₂
 2000 WX₁₁₁ = 2004 PR₁₀₂
 2000 WU₁₃₅ = 2000 QE₁₀₆
 2000 WV₁₅₀ = 2004 LL₂₅
 2000 WL₁₇₈ = 1999 SC₁₆
 2000 XJ₁₄ = 2004 PF₆₇
 2000 XC₂₁ = 2004 HA₅₈
 2000 XU₂₄ = 2004 MP₄
 2000 XC₃₇ = 2004 PN₄₀
 2000 XF₄₁ = 2004 PZ₈₉
 2000 YA₂₁ = 2004 NR₁₇
 2000 YY₄₀ = 2004 PY₇₁
 2000 YU₉₈ = 2003 TT₄₅
 2000 YT₁₀₈ = 2003 TU₅₀
 2000 YZ₁₃₈ = 2004 QA₆
 2001 AJ₂₇ = 2000 XC₄₉
 2001 BV₁₀ = 2004 JF₂
 2001 BT₁₇ = 2003 TB₂₈
 2001 BX₂₆ = 2003 UA₈₉
 2001 CC₁₈ = 2003 TK₄₂
 2001 CL₃₁ = 2004 PX₉₄
 2001 DE₃ = 2004 JZ₅
 2001 DT₂₂ = 2003 XJ₃₀
 2001 DO₄₆ = 2004 PL₃₈
 2001 DP₅₃ = 2003 US₂₉₄
 2001 ES₁₈ = 2004 FN₃₀
 2001 FY₁₄ = 2003 WS₁₆₉
 2001 FT₁₃₂ = 2004 CC₂₀
 2001 FG₁₄₂ = 2003 YE₅₄
 2001 JF₉ = 2004 FF₁₄₉
 2001 KM₁₁ = 2003 YE₁₇₄
 2001 KW₂₁ = 2003 YQ₁₆₁
 2001 KO₂₅ = 2004 AS₁₅
 2001 KE₄₉ = 2004 JY₂₆
 2001 MY = 2004 GN₄₄
 2001 MW₁ = 2004 KS₉
 2001 ME₂ = 2004 PJ₁
 2001 ME₈ = 2004 AZ₂₅
 2001 MZ₉ = 2004 JY₁₇
 2001 NK₇ = 2004 BS₁₄₈
 2001 OX = 2004 JK₄₄
 2001 OT₁₁ = 2004 JZ₁
 2001 OT₆₅ = 2004 DH₇₇
 2001 OR₇₉ = 2004 KC₈
 2001 OK₉₇ = 2004 JK₁
 2001 PZ₄ = 1991 HT₂
 2001 PJ₁₁ = 2004 FG₁₆₂
 2001 PB₂₀ = 2004 JT₂
 2001 PP₃₇ = 2004 JY₅₄
 2001 PE₅₂ = 2004 JA₅₀
 2001 PG₅₃ = 2004 KB₇
 2001 QL₇₃ = 2004 JZ₁₁
 2001 QS₇₅ = 2003 FK₁₂₉
 2001 QK₉₅ = 2004 CN₁₂₄
 2001 QP₁₄₃ = 2004 DY₇₆
 2001 QJ₁₆₃ = 2004 CS₁₂₄
 2001 QT₁₆₅ = 2004 GD₇₃
 2001 QH₁₆₆ = 2004 JA₁₅
 2001 QS₁₆₆ = 2004 FZ₁₅₆
 2001 QV₁₆₈ = 2004 BH₁₅₈
 2001 QS₁₇₃ = 2001 MJ₃₀
 2001 QB₂₀₉ = 2004 CC₁₂₄
 2001 QH₂₁₃ = 2001 RR₃₈
 2001 QL₂₂₂ = 2001 PB₆₄
 2001 QY₂₄₉ = 2004 JB₁
 2001 QV₂₅₂ = 2004 HM₆₆
 2001 QJ₂₆₀ = 2004 LO₂₄
 2001 QF₂₇₀ = 2004 JN₁₆
 2001 QE₂₇₁ = 2004 CE₁₂₅
 2001 QB₂₇₅ = 2004 JA₂₁
 2001 QX₃₂₇ = 2004 EY₁₀₂
 2001 RS = 2004 NH₁₁
 2001 RD₃ = 2004 JF₇
 2001 RJ₁₅ = 2004 JF₁₉
 2001 RY₂₀ = 2004 GN₈₂
 2001 RX₂₈ = 2004 JC₅

2001 RF₃₆ = 2004 LV₂
 2001 RD₁₀₀ = 2004 GB
 2001 RR₁₀₁ = 2004 KP
 2001 RO₁₁₂ = 2004 EH₆₉
 2001 RG₁₁₅ = 2004 CT₁₂₄
 2001 RN₁₂₀ = 2004 EA₁₀₃
 2001 RS₁₂₅ = 2004 CM₁₁₇
 2001 RX₁₃₂ = 2004 OX₂
 2001 RW₁₄₄ = 2001 SZ₃₄₃
 2001 RX₁₄₅ = 2004 PZ₄₈
 2001 RK₁₄₉ = 2001 TW₂₃₈
 2001 RR₁₅₂ = 2001 TO₂₃₇
 2001 SS₁₁ = 2004 HO₄₈
 2001 SD₁₇ = 2000 GW₁₈₆
 2001 SD₁₉ = 2004 DE₇₃
 2001 SJ₂₄ = 2004 GO₁₂
 2001 SX₃₄ = 2004 FL₁₄₉
 2001 SE₄₃ = 1990 SD₉
 2001 SP₇₆ = 2004 NV₂₇
 2001 SV₈₂ = 2004 JV₂₉
 2001 SB₁₀₀ = 2004 LT₁
 2001 SZ₁₀₂ = 2004 PA₂₃
 2001 SL₁₁₃ = 2137 P-L
 2001 SB₁₂₈ = 2004 KH₂
 2001 ST₁₄₃ = 2004 FB₄₉
 2001 SB₁₄₈ = 2004 JG₄
 2001 SF₁₄₈ = 2004 FT₁₅₄
 2001 SV₁₄₈ = 2001 ON₅₆
 2001 ST₁₈₅ = 2004 FF₁₅₉
 2001 SJ₁₉₂ = 2004 BQ₁₄₉
 2001 SR₂₀₁ = 2004 KT₅
 2001 SZ₂₀₁ = 2004 GU₈₀
 2001 SV₂₀₈ = 2004 KG₉
 2001 SM₂₀₉ = 2004 KT₇
 2001 SO₂₁₀ = 2004 JP₂₅
 2001 SL₂₁₃ = 2004 EK₉₇
 2001 SN₂₁₃ = 2004 LF₂₀
 2001 SG₂₁₆ = 2004 EU₁₀₆
 2001 SB₂₁₇ = 2004 JX₁₃
 2001 SH₂₁₉ = 1997 VH₉
 2001 SN₂₂₂ = 2004 JL₃₅
 2001 SK₂₃₆ = 2004 JO₃₆
 2001 SD₂₃₈ = 2004 FV₁₅₆
 2001 SY₂₄₁ = 2004 JY₁₂
 2001 SV₂₅₀ = 1972 TR₁₀
 2001 SD₂₆₃ = 2004 JQ₁₉
 2001 SF₃₀₁ = 2004 EZ₁₀₀
 2001 SS₃₀₈ = 2004 HZ₃₈
 2001 SD₃₁₅ = 2004 NH₆
 2001 SD₃₂₄ = 2004 FO₁₅₀
 2001 SZ₃₂₅ = 2001 ST₃₄₆
 2001 SA₃₂₆ = 2001 UB₂₀₇
 2001 SQ₃₅₀ = 2004 EW₉₆
 2001 TG₁₇ = 2004 QC₂
 2001 TP₂₇ = 2004 JU₅₄
 2001 TD₄₀ = 1986 VH₃
 2001 TY₅₀ = 2004 JS₄
 2001 TO₅₁ = 2001 QP₁₇₈
 2001 TY₅₇ = 2004 PH₁₁
 2001 TZ₈₁ = 2004 JA₂₀
 2001 TY₈₃ = 2004 PO₄₇
 2001 TL₉₅ = 2004 GN₈₀
 2001 TX₉₉ = 2004 PK₈₂
 2001 TQ₁₀₈ = 2004 EC₉₈
 2001 TD₁₀₉ = 2004 NQ₂
 2001 TC₁₂₅ = 2004 GA₈₈
 2001 TX₁₃₂ = 2004 CL₁₂₉
 2001 TM₁₃₅ = 2004 DJ₇₇
 2001 TA₁₅₃ = 1999 BH₄
 2001 TN₁₅₄ = 2004 LG₂₄
 2001 TN₁₆₂ = 2001 TE₁₇₆ = 2004 FO₁₅₁
 2001 TC₁₆₅ = 2004 JB₃₄
 2001 TN₁₇₂ = 2004 PB₉₈
 2001 TM₁₇₃ = 2004 JN
 2001 TF₁₇₄ = 2004 NT₁₁
 2001 TH₁₇₄ = 2004 NT₅
 2001 TF₁₈₅ = 2004 LD₃₀
 2001 TK₁₉₂ = 2004 KC₁₂
 2001 TD₁₉₄ = 2004 HZ₄₂
 2001 TQ₁₉₆ = 2004 HY₆₁
 2001 TG₂₀₄ = 2004 GL₈₃
 2001 TZ₂₀₄ = 2004 KF₁₂
 2001 TN₂₀₈ = 2001 UZ₂₁₈ = 2004 JP₅₂
 2001 TB₂₀₉ = 2004 PA₆₇
 2001 TF₂₂₈ = 2004 HH₆₂
 2001 TB₂₂₉ = 2003 YO₁₇₂
 2001 TN₂₃₅ = 2004 PE₂₅
 2001 TK₂₄₀ = 2004 OD₁₀
 2001 UU₁ = 2004 JT₆
 2001 UY₁ = 2004 LM₁₇
 2001 UD₇ = 2004 LF₂₆
 2001 UE₇ = 2004 JZ₃₀
 2001 UX₇ = 2004 GB₃₂
 2001 UV₂₆ = 2004 JE₄₆
 2001 UV₂₇ = 2004 JY₂₃
 2001 UM₂₈ = 2004 QJ₃
 2001 UV₂₈ = 2004 LK₈
 2001 UP₂₉ = 2004 NS₉
 2001 UM₃₄ = 2001 SP₁₇₈
 2001 UU₄₉ = 2001 RO₄₄
 2001 UC₆₇ = 2004 PV₆
 2001 US₇₆ = 2004 JK₅₅
 2001 UH₉₁ = 2001 UD₉₈
 2001 UE₉₃ = 2004 ML₆

2001 UC₁₀₅ = 2001 SC₃₁₁
 2001 UB₁₁₄ = 2004 JP₄₆
 2001 UC₁₁₆ = 2004 EA₉₇
 2001 UC₁₂₆ = 2004 LS₄
 2001 UW₁₃₀ = 2004 EQ₁₁₀
 2001 UF₁₃₃ = 2004 HO₄₅
 2001 UP₁₃₃ = 2002 VF₄ = 2004 JY₂₈
 2001 UD₁₃₄ = 2004 HN₂₄
 2001 UO₁₃₉ = 2001 SE₃₅₁ = 2004 JO₂₃
 2001 UO₁₄₀ = 2004 GD₈₃
 2001 UR₁₄₃ = 2004 LS₁₀
 2001 UL₁₆₀ = 2004 LQ₁₀
 2001 UN₁₆₁ = 2004 NG₂₄
 2001 UP₁₆₆ = 2004 JN₂₇
 2001 UY₁₇₁ = 2004 PK₅₇
 2001 UT₁₇₂ = 2004 LE₂₁
 2001 UT₁₈₃ = 2004 MA₃
 2001 UV₁₈₉ = 2004 KE₃
 2001 UA₁₉₂ = 2004 KZ₉
 2001 UO₂₀₀ = 2004 PN₁₈
 2001 UB₂₁₂ = 2004 JB₁₄
 2001 UE₂₁₂ = 2004 PU₅₂
 2001 UH₂₂₂ = 2004 JN₄
 2001 VG₄ = 2004 JY₄₄
 2001 VD₇ = 2004 JX₆
 2001 VW₂₄ = 2004 KL
 2001 VV₂₅ = 2004 MT₁
 2001 VT₃₈ = 2004 MV₁
 2001 VB₆₉ = 2004 JS₁₅
 2001 VX₆₉ = 2004 NF₁
 2001 VF₁₀₀ = 2004 NC₃₁
 2001 VU₁₀₄ = 2004 LL₁₃
 2001 VP₁₀₇ = 2004 JY
 2001 VK₁₁₁ = 2004 GX₃₃
 2001 VJ₁₁₅ = 2004 LU₁₀
 2001 VM₁₂₅ = 2004 JP₂₃
 2001 VA₁₂₆ = 2004 LA₂₅
 2001 WB₂ = 2004 KZ₁₆
 2001 WO₂ = 2004 LD₂₁
 2001 WF₅ = 2001 YM₁₄₁ = 2004 MR₆
 2001 WK₅ = 2004 JJ₃₆
 2001 WW₅ = 2004 OY₃
 2001 WP₂₀ = 2001 XR₂₅₅
 2001 WR₂₅ = 2004 HK₆₉
 2001 WK₂₇ = 2004 JR₄
 2001 WL₃₁ = 2004 JH₃
 2001 WQ₃₅ = 2004 LT₂₅
 2001 WX₃₆ = 2004 JJ₁₆
 2001 WY₅₀ = 2004 JV₁₅
 2001 WR₅₂ = 2004 KC₁₀
 2001 WO₅₅ = 2004 GM₃₅
 2001 WH₆₉ = 2004 JL₄₇

2001 WE₇₅ = 2004 LC₂₆
 2001 WM₇₅ = 2004 JY₁₉
 2001 WQ₇₉ = 2004 PH₁₀
 2001 WG₈₁ = 2004 LR₆
 2001 WK₁₀₁ = 2004 PF₈₉
 2001 XE₉ = 2004 KM
 2001 XT₁₀ = 2004 JG₂₇
 2001 XP₁₄ = 2004 NY₂₄
 2001 XJ₁₇ = 1979 QU₄
 2001 XA₂₄ = 2004 PF₁₀₆
 2001 XL₃₃ = 2004 HJ₆₁
 2001 XE₄₃ = 2004 JK₂₈
 2001 XN₄₄ = 1978 UR₁ = 1978 VH
 2001 XR₅₆ = 1999 GT₄₆
 2001 XZ₅₇ = 1999 GW₂₉
 2001 XR₇₅ = 2004 LE₂₀
 2001 XX₈₆ = 1990 WZ₁₁
 2001 XA₈₉ = 2004 HB₆₄
 2001 XM₉₁ = 2004 JT₁₇
 2001 XP₉₇ = 1990 SJ₂₂
 2001 XY₁₁₂ = 2004 JU₆
 2001 XB₁₁₃ = 2004 JT₂₂
 2001 XL₁₁₃ = 2004 LX₁₃
 2001 XV₁₂₀ = 2001 UC₁₈₀
 2001 XS₁₂₁ = 2004 LT₂₆
 2001 XL₁₂₉ = 2004 PM₆₈
 2001 XY₁₃₅ = 2004 HC₆₈
 2001 XU₁₄₄ = 2003 FE₃₀ = 2004 OZ₁₀
 2001 XJ₁₄₉ = 2004 JG₂₆
 2001 XW₁₄₉ = 2004 NJ₁₆
 2001 XQ₁₅₄ = 2004 JG₄₃
 2001 XL₁₅₅ = 2004 OB₅
 2001 XY₁₅₅ = 2004 OQ₃
 2001 XF₁₅₈ = 2004 NA₁₀
 2001 XC₁₆₆ = 2004 PQ₃₂
 2001 XB₁₇₇ = 2004 PV₃
 2001 XS₁₇₇ = 2002 AB₂₀₅
 2001 XL₁₇₉ = 2004 LX₂₄
 2001 XX₁₈₅ = 2004 NN₆
 2001 XQ₂₀₀ = 2004 GM₈₅
 2001 XR₂₀₈ = 2004 KE₅
 2001 XS₂₂₂ = 2004 PV₄₃
 2001 XO₂₂₉ = 2004 PC₅
 2001 XD₂₃₁ = 2004 OU₁
 2001 XD₂₃₈ = 1999 GO₁₃
 2001 XC₂₆₀ = 2004 PS₆₅
 2001 XU₂₆₀ = 2004 PX₁₄
 2001 XL₂₆₄ = 1987 QF₄
 2001 XP₂₆₆ = 2000 QT₁₆₀
 2001 YA₁₁ = 2002 AZ₁₉
 2001 YO₁₃ = 2004 GL₂₄
 2001 YS₁₅ = 2004 NK₂₁

2001 YA₁₇ = 2004 PC₇
 2001 YX₂₅ = 2004 LG₁₅
 2001 YC₄₀ = 2004 PC₃₂
 2001 YN₄₂ = 2004 JF₃₂
 2001 YT₄₇ = 2004 JS₃
 2001 YX₄₇ = 2004 NA₈
 2001 YN₅₇ = 2004 JG₅₃
 2001 YL₆₄ = 2004 JU₁₉
 2001 YF₉₅ = 2004 NH₂₄
 2001 YY₉₆ = 2004 JM₁₀
 2001 YC₉₇ = 2004 NP₆
 2001 YS₁₀₂ = 2004 LD₂₅
 2001 YL₁₁₅ = 2004 NX₃₂
 2001 YT₁₂₅ = 2003 FS₆₉ = 2004 PX₉₉
 2001 YF₁₃₀ = 2004 JC₄₁
 2001 YK₁₃₃ = 1993 FU₆₁ = 2004 KF₄
 2001 YQ₁₄₀ = 2004 HW₅₄
 2001 YH₁₄₁ = 2004 PC₅₈
 2001 YW₁₄₈ = 2004 HY₉
 2001 YP₁₄₉ = 2004 JY₄₃
 2002 AF₆ = 2004 OT₁₂
 2002 AZ₉ = 1982 YQ₃ = 1987 DF₃
 2002 AY₃₀ = 2004 LA₉
 2002 AO₃₃ = 2002 CO₃₀₅
 2002 AX₃₃ = 2004 PS₈₆
 2002 AA₄₃ = 2004 PB₈₆
 2002 AH₆₃ = 1987 VD₂
 2002 AS₇₂ = 2004 PT₉₇
 2002 AV₇₉ = 2004 MQ₄
 2002 AZ₈₀ = 2001 WR₁₃
 2002 AE₈₂ = 2001 VN₈₆ = 2001 YV₁₅₆
 2002 AB₉₇ = 2002 BG₆
 2002 AA₉₈ = 2002 BO₆
 2002 AV₁₂₃ = 2002 BX₇
 2002 AG₁₂₅ = 2002 BU₁₀
 2002 AP₁₃₄ = 2004 PK₅₁
 2002 AQ₁₄₃ = 2004 PZ₆₄
 2002 AX₁₇₁ = 2004 PG₅₈
 2002 AV₁₇₄ = 2004 PR₁₅
 2002 AX₁₇₄ = 2004 PJ₉
 2002 AZ₁₈₂ = 2001 YA₈₁
 2002 AS₁₉₁ = 2004 NR₂₇
 2002 AD₁₉₂ = 2001 XD₂₄₉ = 2004 PG₈
 2002 AK₁₉₃ = 2002 CF₃₁₂
 2002 AT₁₉₇ = 1989 SB₉ = 2002 CB₂₆₈
 2002 AS₁₉₈ = 2004 PH₁₄
 2002 BA₁₀ = 2002 AS₁₁₈
 2002 CQ₄₇ = 2004 NJ₁₉
 2002 CP₅₈ = 2004 QW₁₇
 2002 CP₈₀ = 2002 CK₃₀₅
 2002 CT₁₀₄ = 1978 VY₇
 2002 CZ₁₃₀ = 2004 MX₅

2002 CM₁₄₃ = 2004 QP₁₅
 2002 CH₁₅₅ = 2004 PT₈₁
 2002 CQ₁₆₇ = 2004 PK₆₀
 2002 CG₁₈₄ = 2004 PW₂₄
 2002 CS₁₈₇ = 2000 WS₁₇₃ = 2004 PU₃₈
 2002 CG₁₈₈ = 2004 PN₈₁
 2002 CD₁₉₈ = 2002 CJ₃₀₅ = 2002 CM₃₀₅ = 2004 PM₂₃
 2002 CA₂₀₁ = 2004 PP₁₀₆
 2002 CW₂₇₀ = 2003 HP₁₈ = 2004 PN₇₁
 2002 CA₂₇₇ = 2004 PG₆
 2002 CB₂₈₀ = 2004 NV₂₉
 2002 CP₃₀₆ = 2004 NR₈
 2002 DA₂ = 2004 HO₆₃
 2002 DO₆ = 2002 ED₅₃
 2002 DT₆ = 2004 NP₂₂
 2002 EC₆ = 2004 NR₂₀
 2002 EP₂₇ = 2004 PP₅₈
 2002 EB₅₂ = 2002 CE₂₁₈
 2002 EC₈₂ = 2004 PH₇₀
 2002 EC₁₁₄ = 1996 RT₃₁ = 2004 KA₇
 2002 EN₁₃₁ = 2004 PG₁₃
 2002 EK₁₅₇ = 2004 PU₇₈
 2002 EM₁₅₇ = 2001 DA₈
 2002 GL₂₈ = 2004 PM₂₈
 2002 GR₃₃ = 2004 PC₂₃
 2002 GZ₅₈ = 2004 PP₈₉
 2002 GJ₁₂₉ = 2004 PY
 2002 GN₁₆₀ = 2004 PQ₅₆
 2002 HZ₂ = 2004 NK₂₅
 2002 JC₄ = 2004 NN₄
 2002 JB₁₁₅ = 2003 QT₁₇
 2002 JF₁₁₆ = 2003 WA₁₅₃
 2002 LU₁₉ = 2004 BQ₁₅₆
 2002 NZ₃ = 2003 UV₂₉₆
 2002 NT₅₇ = 2004 AV₁₁
 2002 NW₅₇ = 1998 EN₆
 2002 OV₂₅ = 1996 HS₂₀
 2002 OZ₂₅ = 1997 WL₅₇
 2002 PN₁₄ = 2003 TC₂₂
 2002 PA₆₆ = 2003 YU₅₁
 2002 PV₉₃ = 2000 AF₂₅₇
 2002 PD₁₂₃ = 2003 XL₃₈
 2002 PC₁₆₇ = 1995 UL₆₁
 2002 PH₁₆₇ = 1997 SD₁₈
 2002 PJ₁₆₇ = 1998 SC₁₆
 2002 PN₁₆₇ = 2001 HB₁₉
 2002 QP₅₃ = 2004 CL₁₂₈
 2002 QY₆₁ = 1998 XS₁₈
 2002 QD₆₂ = 2000 CZ₁₁
 2002 QE₆₂ = 2003 WD₄₄
 2002 QR₆₂ = 1995 SW₃₀
 2002 QY₆₂ = 2000 AW₂₅₆

2002 QC₆₃ = 2001 DF₉₃ = 2003 YJ₁₁₀
 2002 QM₆₃ = 1998 TU₂₆
 2002 QN₆₃ = 1996 JQ₁₄
 2002 QS₆₃ = 1995 BJ₁₅
 2002 QW₆₃ = 1998 RE₂₇ = 2004 CT₁₁₂
 2002 QZ₆₃ = 2004 AW₁₆
 2002 QT₆₄ = 2003 WY₁₇
 2002 QA₆₅ = 2000 CS₆₁
 2002 QE₆₅ = 1992 HN₂
 2002 QG₆₅ = 2004 FL₄₆
 2002 RO₃ = 1981 ER₃₇
 2002 RT₄₀ = 2003 YO₁₆₄
 2002 RJ₅₃ = 2003 YX₁₆₆
 2002 RA₆₉ = 2004 AT₁₄
 2002 RD₉₁ = 1995 TQ₁₂
 2002 RJ₁₀₇ = 2001 KO₇₈
 2002 RF₁₄₅ = 2002 RW₁₄₉
 2002 RJ₁₇₂ = 2004 BT₁₃₃
 2002 RJ₁₇₇ = 2003 YC₆₆
 2002 RD₂₀₅ = 2004 CE₁₁₈
 2002 RM₂₃₉ = 2003 YN₁₆₀
 2002 RO₂₄₄ = 1998 SM₃₉
 2002 SL₈ = 2004 HC₅₇
 2002 SK₉ = 2004 BX₁₅₀
 2002 SA₁₆ = 2004 BJ₁₄₄
 2002 SN₂₁ = 2004 AB₂₅
 2002 TP₂₂ = 2004 BD₁₃₃
 2002 TH₃₄ = 2004 BZ₇₉
 2002 TO₅₆ = 2003 AT₈₂
 2002 TC₆₅ = 2004 BS₁₃₂
 2002 TD₆₉ = 2004 KK₁
 2002 TR₈₂ = 2004 EC₁₀₂
 2002 TJ₁₁₃ = 2004 AV₂₆
 2002 TJ₁₂₇ = 2002 RK₆₇
 2002 TZ₁₂₇ = 2003 YN₁₅₉
 2002 TP₁₉₇ = 2004 BB₁₂₅
 2002 TS₂₉₄ = 1991 BF₃
 2002 TR₂₉₆ = 2004 BM₁₃₅
 2002 UJ₃₈ = 2004 EQ₂₀
 2002 VX₁₈ = 2004 GB₃₃
 2002 VR₂₁ = 2004 FU₄₇
 2002 VH₂₂ = 2004 BX₁₅₈
 2002 VR₂₂ = 2004 CD₆₃
 2002 VB₄₅ = 2004 CA₁₁₂
 2002 VK₅₆ = 2004 FC₁₂₄
 2002 VT₈₃ = 2004 EG₆₆
 2002 VK₁₀₃ = 2004 CO₁₂₇
 2002 WG₁₉ = 2004 JC₄₇
 2002 XJ₂ = 2004 GW₈₁
 2002 XM₃ = 2004 JR₉
 2002 XP₁₀ = 2004 JJ₃₂
 2002 XJ₁₃ = 2004 HR₄₂
 2002 XT₂₄ = 2004 KD₅
 2002 XC₃₉ = 2004 FC₄₄
 2002 XU₄₂ = 2004 JQ₂₈
 2002 XD₅₄ = 2004 HC₄₃
 2002 XX₅₄ = 2004 HL₁₀
 2002 XC₆₀ = 2004 FX₁₆
 2002 XR₆₀ = 2004 JH₄₁
 2002 XD₆₄ = 2004 HQ₁₂
 2002 XQ₆₄ = 2004 KP₅
 2002 XR₆₉ = 2004 HJ₁₈
 2002 XJ₇₂ = 2004 JJ₄
 2002 XN₈₁ = 1983 VQ₆
 2002 XL₈₂ = 2004 JX₁
 2002 XB₉₃ = 2002 XD₁₁₄ = 2004 EO₁₀₉
 2002 YH₈ = 2004 EW₁₁₁
 2002 YB₁₀ = 2004 JQ₂
 2002 YT₂₀ = 2001 KE₇₈
 2002 YM₂₅ = 2004 JE₂₉
 2002 YQ₂₇ = 2004 JM₁₈
 2003 AD₂ = 2004 KN₄
 2003 AS₆ = 2001 OA₉₃ = 2004 JZ₃₄
 2003 AY₆ = 2004 EQ₁₁₄
 2003 AR₇ = 2004 LT₂₄
 2003 AL₁₉ = 2004 JB₄₀
 2003 AA₂₁ = 2004 FT₆₇
 2003 AJ₂₂ = 2004 JV₂₄
 2003 AX₂₅ = 2004 HG₃₄
 2003 AH₃₅ = 2004 JE₂₇
 2003 AU₃₅ = 2004 JR₁₉
 2003 AH₅₀ = 2004 LX₁₅
 2003 AW₅₅ = 2004 JW
 2003 AK₇₁ = 2001 WE₆₄ = 2004 JR₁₇
 2003 AJ₇₅ = 2004 JN₅
 2003 AU₇₈ = 2004 JG₉
 2003 AM₈₉ = 2004 FY₁₄₆
 2003 BC₁ = 2004 GZ₁
 2003 BP₁ = 2004 LO₁
 2003 BM₉ = 2004 KD₁₆
 2003 BH₁₀ = 2004 LH₂₀
 2003 BC₁₁ = 1996 KZ₉ = 2001 SJ₃₀₈
 2003 BV₂₁ = 2004 OC₁₃
 2003 BK₂₂ = 2000 EW₁₇₁
 2003 BP₂₅ = 2001 RY₁₂₅ = 2004 JL₂₀
 2003 BJ₂₇ = 1997 QY₄
 2003 BG₂₉ = 2004 GN₈₁
 2003 BS₂₉ = 2004 JK₃₈
 2003 BT₂₉ = 2004 HP₄₄
 2003 BL₃₆ = 2004 LP₈
 2003 BK₄₀ = 2004 JP₂₉
 2003 BM₄₀ = 2004 GW₄₂
 2003 BU₄₅ = 2004 JE₃₀
 2003 BR₅₂ = 2004 LK₁₅

2003 BQ₅₃ = 2004 KF₃
 2003 BW₆₉ = 2004 PK₂₀
 2003 BW₇₃ = 2004 JH₃₂
 2003 BD₇₆ = 2004 HU₄₄
 2003 BJ₇₇ = 2004 KB₂
 2003 BA₈₈ = 2003 BO₄₀ = 2004 PD₂₃
 2003 CU₁ = 2004 JU₃₂
 2003 CV₁ = 2004 HK₃
 2003 CQ₄ = 2001 TP₁₉₇
 2003 CN₂₀ = 2004 LY₄
 2003 DC₁ = 2001 XG₂₆₆ = 2004 JD₁₅
 2003 DP₂ = 2004 PG₁₀₂
 2003 DT₃ = 2004 OT₁₀
 2003 DZ₄ = 2004 JA₂₈
 2003 DP₁₅ = 2004 PC₇₃
 2003 DG₂₀ = 2004 PY₂₃
 2003 DE₂₁ = 2004 KB₁₁
 2003 ER₂ = 2004 PM₂₂
 2003 EF₄ = 2004 NQ₂₄
 2003 EA₁₁ = 1995 OL₇ = 2004 OK₉
 2003 ED₁₄ = 2004 ND₁₀
 2003 EU₁₆ = 2002 AQ₁₈₁ = 2004 HZ₃₆
 2003 EJ₂₁ = 2004 PK₃₃
 2003 EW₂₁ = 2004 HZ₆₀
 2003 EC₃₂ = 2004 NQ₂₁
 2003 EZ₃₄ = 2003 HW₂₈ = 2004 PM₉
 2003 EY₃₉ = 2004 JZ₁₅
 2003 EK₄₅ = 2004 NJ₁₀
 2003 EA₄₆ = 1997 GZ₃
 2003 EH₄₆ = 2004 NP₁₈
 2003 EF₅₂ = 2004 OV₁
 2003 EZ₅₂ = 1978 NG₅ = 1997 XS₈ = 2000 NT₁₈
 2003 FA₁₆ = 2004 PA₅₆
 2003 FT₂₄ = 2003 GS₁₉
 2003 FN₃₀ = 2004 OQ₁
 2003 FW₃₆ = 2004 LF₂₁
 2003 FM₄₂ = 1989 PR₁
 2003 FE₄₄ = 2004 NB₂₈
 2003 FV₅₁ = 2004 PE₇₀
 2003 FV₅₉ = 2004 MM₂
 2003 FM₆₄ = 2004 QQ₁₀
 2003 FC₆₈ = 2004 NP₁₄
 2003 FB₇₁ = 2004 OC₁₀
 2003 FB₇₂ = 2004 PK₇₅
 2003 FB₇₆ = 2004 PN₄₃
 2003 FW₈₈ = 2004 PO₄
 2003 FC₉₀ = 2001 VE₇₀ = 2004 PY₂₆
 2003 FD₁₀₀ = 2003 EW₅₅ = 2003 EE₆₁
 2003 FJ₁₀₀ = 2003 EF₄₃ = 2003 EB₆₁ = 2004 PL₂₅
 2003 FF₁₀₁ = 2004 PL₁₄
 2003 FB₁₁₁ = 2004 QC₈
 2003 FO₁₁₂ = 2004 KX₁₄

2003 FP₁₁₅ = 2004 PU₄₀
 2003 GK₂₁ = 2004 PW₉₇
 2003 GG₃₂ = 1999 RM₁₉
 2003 GW₃₆ = 2004 JD₆
 2003 GC₄₆ = 2004 PJ₂₁
 2003 GQ₄₇ = 2001 XQ₂₀₈ = 2004 NV₁₃
 2003 GM₅₀ = 2004 ML₇
 2003 GX₅₃ = 2004 QD₇
 2003 GQ₅₄ = 2004 OR₄
 2003 GX₅₄ = 2004 PV₆₂
 2003 HZ₁ = 2004 PE
 2003 HR₂₉ = 2004 LW₉
 2003 HG₄₅ = 1999 RD₂₃₄
 2003 HH₅₄ = 2001 XT₁₈₅ = 2004 OP₈
 2003 HN₅₅ = 2004 PF₆₉
 2003 JO₃ = 2004 PB₆₄
 2003 JU₉ = 2004 NT₂₇
 2003 JV₉ = 2004 PN₃₂
 2003 JR₁₁ = 2002 CS₁₈
 2003 KB₉ = 2004 PC₁₅
 2003 LY₆ = 2004 PG₉₀
 2003 MP₇ = 2002 CG₃₀₉
 2003 OV₂₄ = 1978 WU₉
 2003 SR₉₆ = 2000 AY₂₅₀
 2003 SV₁₀₇ = 1995 YT₁₁
 2003 SV₁₁₆ = 1999 RP₂₅₈ = 1999 TL₂₆₈
 2003 SQ₁₂₆ = 1997 SC₅
 2003 SN₂₁₁ = 1998 SP₁₆₀
 2003 SC₂₈₆ = 1999 XN₂₁₆
 2003 SS₂₉₉ = 1994 TG₁₄
 2003 SA₃₀₀ = 2003 SS₃₀₇ = 2001 FC₁₀₅
 2003 SW₃₀₄ = 2001 FJ₁₃₉
 2003 TR₂ = 1994 BP₁
 2003 UM₅₃ = 2000 EG₁₉₃
 2003 UK₆₃ = 2002 GT₃₆
 2003 UT₈₈ = 2000 AQ₃₈
 2003 UV₈₈ = 2001 EU₂₂
 2003 UH₁₁₃ = 1999 VB₂₀₅
 2003 UX₁₂₁ = 2002 PX₈
 2003 UF₁₃₀ = 1998 SO₉₉
 2003 UY₁₄₈ = 1998 SJ₁₄₂
 2003 UJ₁₅₀ = 2002 NB₅₃
 2003 UY₁₆₃ = 1997 TV₁₀
 2003 UY₂₀₈ = 2001 DZ₃₇
 2003 UV₂₁₆ = 1999 SV₂₁
 2003 UE₂₁₈ = 2002 JS₁₄₂
 2003 UW₂₃₀ = 2000 AD₁₉₇
 2003 UB₂₆₀ = 2002 RY₁₈₃
 2003 UH₂₇₉ = 2000 EE₁₅₂
 2003 UW₂₈₀ = 2000 GU₇₉
 2003 VU₈ = 2002 LA₁₈
 2003 WV₇ = 1999 XY₁₃₉

2003 WO₂₂ = 1999 XG₁₂₅
 2003 WF₂₅ = 2002 RB₁₅₁ = 2002 TZ₃₅₀
 2003 WQ₄₈ = 2002 JU₁₃₉
 2003 WB₆₆ = 1997 ER
 2003 WY₈₁ = 2000 YV₉₀
 2003 WD₁₀₀ = 1996 TP₆₇
 2003 WQ₁₀₀ = 1998 XF₄₂
 2003 WJ₁₀₁ = 1999 VE₁₁₀
 2003 WZ₁₀₇ = 1098 T-3
 2003 WK₁₁₆ = 1998 MT₂₃
 2003 WD₁₂₀ = 2000 AT₁₄₈
 2003 WB₁₂₁ = 1998 FB₅₂
 2003 WK₁₂₁ = 2000 GE₁₂₉
 2003 WH₁₂₄ = 2000 CA₁₂₁
 2003 WB₁₂₅ = 2001 KS₃₀
 2003 WW₁₂₇ = 1998 SL₅₁
 2003 WZ₁₅₅ = 1999 XX₁₃₃
 2003 WE₁₅₆ = 2002 NO₃₁
 2003 WG₁₇₁ = 1999 VC₂₂₆
 2003 WS₁₇₆ = 1995 UN₁₉
 2003 XG₈ = 2002 PL₁₆₇
 2003 XS₃₇ = 1998 QV₁₀₈
 2003 XB₃₉ = 2002 RX₂₁₅
 2003 XE₄₃ = 2002 SV₂₆
 2003 YD₄ = 2000 GZ₁₈
 2003 YS₄ = 2223 T-3 = 1999 TN₁₅₉
 2003 YA₁₀ = 2002 PB₂₃
 2003 YX₁₄ = 1999 VY₈₂
 2003 YJ₂₁ = 2002 VJ₉₂
 2003 YK₂₆ = 2002 TU₂₃₄
 2003 YC₃₀ = 1999 VC₁₆₁ = 2003 UR₂₆₀
 2003 YC₃₂ = 2002 PA₁₆₇
 2003 YB₃₃ = 2000 AT₂₄₆
 2003 YZ₃₉ = 2002 UO₅₄
 2003 YH₄₀ = 2000 HW₈₂
 2003 YU₄₅ = 1998 SV₈₁
 2003 YF₄₇ = 2002 RO₂₁₅
 2003 YX₅₃ = 1999 TS₁₉₄
 2003 YV₅₄ = 2000 DB₂₆
 2003 YZ₅₄ = 2000 CJ₆₀
 2003 YZ₅₉ = 2002 TG₁₄₈
 2003 YN₆₁ = 2002 RJ₁₉₆
 2003 YD₆₂ = 2000 CK₁₁₇
 2003 YA₆₃ = 2000 CB₂₂
 2003 YR₆₃ = 2002 QG₁₅
 2003 YG₆₇ = 1995 SF₄₁
 2003 YX₆₉ = 1999 XV₁₅₃
 2003 YW₇₀ = 1978 WJ₃ = 2001 FU₁₅₃
 2003 YT₇₁ = 2000 GT₂₀
 2003 YC₇₅ = 1998 SR₈₈ = 2002 RZ₂₁₆
 2003 YB₇₇ = 2001 PS₄₅
 2003 YQ₈₈ = 1996 AL₁₃

2003 YG₉₀ = 2001 FR₁₃₂
 2003 YW₉₂ = 1997 CO₃ = 1999 TV₂₇₅
 2003 YE₁₀₃ = 2000 AV₁₉₅
 2003 YC₁₀₇ = 1997 EQ₂₉
 2003 YU₁₁₆ = 2000 KK₁₇ = 2001 OD₁₀₉
 2003 YT₁₁₉ = 2002 LZ₄₈
 2003 YE₁₂₄ = 2000 HK₇₈
 2003 YL₁₂₅ = 1996 TA₇
 2003 YM₁₂₅ = 2000 CZ₁₀₃
 2003 YU₁₂₅ = 1994 BT₂
 2003 YF₁₂₉ = 2004 CP₁₁₂
 2003 YJ₁₃₂ = 1990 QQ₁₄ = 1993 FE₆₄ = 1999 XH₁₉₇
 2003 YR₁₃₄ = 2002 TW₁₇₀
 2003 YV₁₃₆ = 2000 CG₃₈
 2003 YN₁₃₉ = 1995 BF₁₃
 2003 YB₁₄₀ = 1999 AD₁₇ = 2002 PP₆₆
 2003 YY₁₄₅ = 2000 DH₆
 2003 YA₁₄₉ = 2000 ED₁₈₁
 2003 YA₁₅₃ = 2002 TJ₂₃₇
 2003 YT₁₅₃ = 2000 FT₁₁ = 2002 UC₅₃
 2003 YT₁₅₅ = 2002 TX₁₁₆
 2004 AW = 2002 TF₁₂₀
 2004 AA₁₁ = 2002 XG₁₁₂
 2004 AX₁₁ = 2000 CJ₁₂
 2004 BZ₁ = 1999 XM₂₅₅
 2004 BF₂ = 1999 XM₁₅₆
 2004 BB₅ = 2004 CS₆₄ = 2004 CL₁₁₅
 2004 BD₅ = 2000 EH₁₉₀
 2004 BA₁₉ = 2000 AE₇₉
 2004 BU₂₂ = 1999 UO₂₉
 2004 BQ₄₆ = 2000 OX₃₅
 2004 BF₅₂ = 1998 SW₁₅
 2004 BK₈₃ = 2002 PW₆₈
 2004 BA₈₄ = 2003 BL₉₁
 2004 BR₈₄ = 1999 JF₁₁₀
 2004 BT₈₄ = 2002 UO₁₀
 2004 BY₉₉ = 2002 WR₁₃
 2004 BZ₉₉ = 2002 TB₃₀₉
 2004 BF₁₀₃ = 1999 HN₁₂ = 2000 YD
 2004 BK₁₀₄ = 2002 SR₂
 2004 BQ₁₀₄ = 2001 QG₁₁₂
 2004 BS₁₀₅ = 2002 UK₄₅
 2004 BH₁₀₆ = 2002 TN₁₆₀
 2004 BB₁₀₇ = 1997 JJ₃
 2004 BE₁₀₉ = 2002 TF₂₁₂
 2004 BU₁₁₃ = 2002 UZ₄₄
 2004 BA₁₁₅ = 1994 NH = 2000 WD₆₇
 2004 BT₁₂₃ = 2000 GC₁₈₀
 2004 BA₁₂₄ = 2000 AU₁₂
 2004 BD₁₂₄ = 2001 QC₂₈₅
 2004 BV₁₄₇ = 2000 GA₂₂ = 2002 UK₂₇
 2004 BT₁₅₁ = 2000 GG₃₆

2004 BH₁₅₉ = 2002 RM₁₉₃
 2004 CD₉ = 2000 HX₁₆
 2004 CK₁₉ = 2000 GC₁₈₃
 2004 CO₂₉ = 2002 VK₁₃₄
 2004 CV₃₀ = 1992 SE₈
 2004 CW₃₃ = 2002 VN₇₆
 2004 CU₄₄ = 2002 PG₁₄₆
 2004 CF₅₂ = 1980 VH₃ = 2000 HZ₅₅
 2004 CV₅₇ = 1995 US₂₃
 2004 CX₅₇ = 2002 UK₄₈
 2004 CP₅₈ = 2002 PF₁₁₀
 2004 CQ₆₁ = 2000 AG₂₂
 2004 CH₆₅ = 1999 GW₉
 2004 CM₆₅ = 2000 EP₁₄₆
 2004 CT₆₇ = 2000 AE₈₁
 2004 CH₆₈ = 1999 VJ₂₂₉
 2004 CV₈₂ = 1995 UJ₄₁
 2004 CR₉₇ = 1997 UM₁₄
 2004 CG₉₈ = 1999 VD₁₇₁
 2004 CJ₁₀₁ = 2001 OL₁₁₂
 2004 CZ₁₀₁ = 2002 YQ₃₂
 2004 CO₁₀₇ = 2002 TX₂₂₀
 2004 CM₁₀₉ = 2000 GC₈₃
 2004 CQ₁₁₂ = 2000 AX₂₄₈
 2004 CA₁₁₃ = 2002 TW₃₄₈
 2004 CS₁₁₃ = 2001 QV₂₀₃
 2004 CM₁₁₆ = 2001 RD₁₂₃
 2004 DY₄ = 1993 HB₉
 2004 DF₇ = 1995 WY₁₈
 2004 DB₁₂ = 2000 HO₈₄
 2004 DW₁₈ = 1999 CE₁₄₈
 2004 DO₂₄ = 1993 FX₅₇ = 1999 XN₂₂₄
 2004 DS₃₁ = 2002 TC₂₄₅
 2004 DE₄₈ = 2001 QE₃₂₅ = 2001 SB₉₉
 2004 DW₄₈ = 2001 QK₃₃₁
 2004 DG₅₀ = 2000 DY₄₈
 2004 DG₅₇ = 2002 TQ₁₉₁
 2004 DK₅₇ = 1993 FK₆
 2004 DG₆₀ = 2000 QM₁₇₅
 2004 DS₇₁ = 2002 UY₂₃
 2004 EZ₂ = 1998 XB₁₆
 2004 EQ₈ = 2002 VK₁₂₀
 2004 EC₂₂ = 2001 RN₁₅₅
 2004 ED₂₂ = 1996 PS₄
 2004 EC₂₆ = 2002 VB₁₁₆
 2004 EX₂₇ = 2001 QU₃₂₀
 2004 EV₃₂ = 2000 AA₁₉₆
 2004 EF₃₃ = 2003 BH₇₈
 2004 EY₃₄ = 1998 FM₁₄₉
 2004 EW₃₅ = 2002 VT₁₁₁
 2004 EA₃₇ = 1990 SX₂₃
 2004 EN₃₉ = 2004 EZ₇₀

2004 EO₄₀ = 1993 FL₃₇
 2004 EV₄₀ = 1993 FH₇₉
 2004 ET₄₂ = 2004 FE₂₇
 2004 EV₄₂ = 2001 QG₃₃₂
 2004 EB₄₃ = 2001 OA₁₆
 2004 ES₄₃ = 1997 WC₅₃
 2004 EA₅₀ = 1997 EZ₅₅ = 1998 TT₇
 2004 EN₅₀ = 1999 TW₂₈₉
 2004 EY₅₅ = 1991 UK₅
 2004 EE₅₆ = 2000 AP₁₃₂
 2004 EC₅₇ = 2001 SO₃₄₈
 2004 EE₅₈ = 2001 SH₃₀₇ = 2004 EK₇₂
 2004 EO₆₀ = 1993 BK₈
 2004 EC₆₂ = 2000 DP₃₁
 2004 EU₆₉ = 1995 CX₈
 2004 EU₇₀ = 2000 JU₄₁
 2004 EM₇₁ = 2004 FO₁₄₆
 2004 EC₇₂ = 2001 OZ₈₃
 2004 EQ₈₀ = 2002 YO₁₉
 2004 EZ₉₅ = 2000 GQ₈₄
 2004 EC₉₆ = 1996 VZ₂₈
 2004 EE₉₆ = 2003 AX₈
 2004 FM = 1989 TL₉
 2004 FX₉ = 1999 TZ₂₃
 2004 FE₁₁ = 2001 MB₁₀
 2004 FP₁₇ = 1987 KG₂ = 2001 KD₅₉
 2004 FT₁₇ = 1997 TD₂₇
 2004 FP₂₁ = 2001 SA₃₀₃
 2004 FB₃₁ = 2000 LM₂₁
 2004 FR₃₂ = 1993 FM₆₅
 2004 FO₃₃ = 1998 BT₄₀ = 2002 TF₁₀₈
 2004 FG₃₈ = 1993 FW₂₉
 2004 FL₃₈ = 2002 XB₃₄
 2004 FK₄₀ = 1993 FG₇₇ = 2000 CJ₁₃₈
 2004 FN₄₂ = 1992 SN₇
 2004 FW₄₅ = 2001 RO₁₄₄
 2004 FN₅₁ = 2001 HJ₆₆
 2004 FA₅₃ = 2004 EJ₇₉
 2004 FN₅₅ = 1998 XQ₉₉ = 1998 YH₃₃
 2004 FJ₆₄ = 2000 AX₁₁₀
 2004 FJ₈₀ = 2001 QM₂₅₄
 2004 FN₈₁ = 2003 AW₁₂
 2004 FC₈₂ = 2002 TQ₂₀₃
 2004 FZ₉₁ = 2000 AK₄₄
 2004 FA₉₂ = 2001 SK₂₅₄
 2004 FB₁₀₂ = 2003 AL₆₀
 2004 FQ₁₀₂ = 2000 AZ₁₃₃
 2004 FG₁₀₅ = 1995 BU₁₃ = 2002 XT₇₀
 2004 FG₁₀₉ = 2001 OA₆₂
 2004 FB₁₁₀ = 2000 KK₈₀
 2004 FJ₁₁₅ = 2001 RM₁₁₉
 2004 FQ₁₂₇ = 2003 BX₃₅

2004 FS₁₃₁ = 1997 EC₂₃
 2004 FZ₁₃₁ = 2001 QQ₃₂₀
 2004 FO₁₃₉ = 1995 WQ₁₆
 2004 FZ₁₃₉ = 2001 UT₁₀₂
 2004 FB₁₄₀ = 2003 AV₂₄
 2004 FA₁₄₃ = 1999 CJ₅₈ = 2003 AA₉₂
 2004 FR₁₄₇ = 2002 VJ₁₁₇
 2004 FV₁₄₇ = 2002 YV₃
 2004 FX₁₄₇ = 1998 UE₁₄
 2004 FG₁₄₈ = 2001 SJ₇
 2004 FM₁₄₈ = 1999 YM₁
 2004 FQ₁₄₈ = 2002 VN₁₃₆
 2004 FR₁₄₈ = 2003 EJ₄₇
 2004 GZ₅ = 2000 GJ₆₉
 2004 GL₈ = 2001 QA₈₅
 2004 GZ₁₀ = 1999 JK₉₄
 2004 GS₁₂ = 2002 WG₁
 2004 GT₁₃ = 2001 OK₂₂
 2004 GV₁₃ = 2001 SU₂₅₇
 2004 GS₁₄ = 2001 NC₈
 2004 GA₁₅ = 2000 SE₃₄₅
 2004 GJ₁₅ = 2002 OV₉
 2004 GL₁₅ = 2000 EY₂₇
 2004 GM₁₅ = 1997 WJ₃₀
 2004 GE₁₈ = 2002 XT₁₀₃
 2004 GN₁₈ = 1998 XX₁₅
 2004 GO₁₈ = 2000 LE₈
 2004 GR₂₀ = 2002 XS₁₇
 2004 GR₂₁ = 2002 WA₁₈
 2004 GV₂₁ = 2001 TO₁₉₇
 2004 GM₂₄ = 2002 UE₅₇
 2004 GB₂₅ = 2003 AK₄₈
 2004 GN₂₆ = 2001 VS₁₂₆
 2004 GT₂₆ = 2001 UC₈₉
 2004 GU₂₆ = 2003 AE₄₄
 2004 GY₂₆ = 2000 WN₁₄₅
 2004 GC₂₇ = 1995 EP₃
 2004 GL₂₇ = 2001 XL₆₆
 2004 GP₂₉ = 1995 UW₄₆ = 2003 AD₈₇
 2004 GS₂₉ = 2001 SW₂₆₀
 2004 GK₃₀ = 2001 SO₃₀₈
 2004 GE₃₁ = 2004 HN₉
 2004 GF₃₁ = 2000 SK₂₀₂
 2004 GJ₃₂ = 2002 XM₉₂
 2004 GM₃₂ = 1999 XX₁₂₉
 2004 GD₃₅ = 1999 YA₂₆
 2004 GN₃₅ = 1991 XZ₁
 2004 GZ₃₅ = 1999 YK₁₈
 2004 GK₃₆ = 1997 LJ₄
 2004 GH₃₇ = 2001 QT₂₅₁
 2004 GA₃₈ = 2000 SG₂₅
 2004 GB₃₈ = 2003 AD₉₀

2004 GC₃₈ = 2000 KH₇₇
 2004 GS₃₈ = 2002 VT₂₄
 2004 GZ₃₈ = 2000 VY₄₀
 2004 GE₃₉ = 2000 AH₂₂₄
 2004 GM₃₉ = 2000 DO₇₀
 2004 GS₃₉ = 2001 XO₃
 2004 GF₄₀ = 2000 QZ₂₂₃
 2004 GN₄₀ = 2002 XH₃₇ = 2002 YE₃₀
 2004 GM₄₁ = 2001 UO₈₅ = 2002 YC₁₄
 2004 GV₄₁ = 2000 JC₅
 2004 GB₄₄ = 2000 ES₆
 2004 GL₄₅ = 2002 XN₁₀₂
 2004 GU₄₆ = 1995 TS₅
 2004 GW₅₂ = 2001 UE₁₀₂
 2004 GE₅₅ = 2001 SF₁₈₈
 2004 GG₅₇ = 2000 DK₁₁₄
 2004 GL₅₉ = 1999 NS₂₃
 2004 GR₅₉ = 1993 FQ₅₉
 2004 GG₆₄ = 1998 TW₁₉
 2004 GE₆₆ = 2001 SO₃₂₈
 2004 GR₆₉ = 2001 YW₁₉
 2004 GX₇₀ = 1999 XH₁₈₇
 2004 GB₇₃ = 2000 HF₂₁
 2004 GG₇₃ = 2001 UN₂₁₁
 2004 GE₇₅ = 2001 SX₃₁₂
 2004 GL₇₅ = 1999 DQ₉
 2004 GM₇₆ = 2002 VO₁₂₉
 2004 GP₇₆ = 1998 KH₆₀
 2004 GK₇₇ = 2000 KT₈₂
 2004 GV₇₇ = 2002 XE₁₀₅
 2004 GA₇₈ = 1999 CS₇₇ = 2003 AD₂₀
 2004 GF₇₈ = 1997 KH₃
 2004 GF₈₁ = 2000 FK₅₄
 2004 GF₈₃ = 2001 UU₁₀₀
 2004 HJ = 1999 NB₅₁
 2004 HK = 2000 QW₁₅ = 2001 XW₁₂₄
 2004 HG₁ = 2001 AM₂
 2004 HS₁ = 1997 UT₂₆
 2004 HK₂ = 2000 CB₂₀
 2004 HJ₃ = 2000 CG₄₆
 2004 HL₃ = 2001 YY₁₄₇
 2004 HM₃ = 1995 GQ₈
 2004 HC₄ = 2001 US₁₈₉ = 2002 XU₁₃
 2004 HX₄ = 2002 XC₁₀₆
 2004 HZ₄ = 2004 FQ₆₄
 2004 HR₅ = 2000 AZ₂₅₀
 2004 HX₅ = 1994 RT₇
 2004 HF₆ = 1999 RN₉₉
 2004 HH₆ = 1999 CV₁₂₅
 2004 HO₆ = 2000 EW₂₈
 2004 HR₇ = 2004 FQ₁₄₇ = 2001 UK₁₉
 2004 HD₈ = 2001 QC₂₂₂

2004 HE₈ = 2001 SJ₃₀₀
 2004 HT₈ = 2000 EK₁₈₂
 2004 HS₉ = 2000 CF₁₂₃
 2004 HV₉ = 2000 DC₉₃
 2004 HG₁₀ = 2000 CM₁₂₃
 2004 HQ₁₀ = 2001 UX₁₂₉
 2004 HR₁₀ = 2001 SG₃₅₁
 2004 HG₁₁ = 2000 HY₅₅
 2004 HJ₁₁ = 2004 GX₇₆ = 1998 VU₄₉
 2004 HJ₁₅ = 2000 YS₂₂
 2004 HR₁₆ = 2000 ED₁₉₄
 2004 HW₁₆ = 1998 EQ = 2001 UK₁₉₈
 2004 HK₁₈ = 2001 YN₃₈
 2004 HP₁₈ = 1998 UM₂₂
 2004 HU₁₈ = 1999 LT₁₈
 2004 HF₁₉ = 1983 JX₁ = 1998 HS₈₂
 2004 HR₁₉ = 1993 FC₈₂
 2004 HC₂₀ = 1995 WG₃₂
 2004 HK₂₀ = 2001 TT₁₂₉
 2004 HD₂₂ = 1993 FO₄₆
 2004 HM₂₂ = 2001 UM₅₈ = 2001 XK₂₀₁
 2004 HB₂₅ = 1999 KF₂
 2004 HQ₂₅ = 2001 SW₃₁₉
 2004 HT₂₅ = 1998 EO₁₁ = 2001 WU₈₂
 2004 HU₂₅ = 2001 PZ₁₇
 2004 HD₂₆ = 2001 QM₂₅₅
 2004 HH₂₆ = 2001 XO₁₃
 2004 HJ₂₆ = 2000 CM₄₂
 2004 HC₂₇ = 2002 XD₃₈
 2004 HO₂₇ = 2002 XZ₉₇
 2004 HT₂₇ = 2003 AG₈₃
 2004 HN₂₈ = 2000 FZ₆₀
 2004 HO₂₈ = 2001 SK₃₂₄
 2004 HP₂₈ = 2001 WP₇₃
 2004 HR₂₈ = 2003 BG₇₁
 2004 HT₂₈ = 2000 KV₇₈
 2004 HD₂₉ = 1999 GH₁₄
 2004 HJ₂₉ = 2001 WR₃₃
 2004 HM₂₉ = 1998 SM₁₁₀
 2004 HZ₂₉ = 2000 BV₃₄ = 2002 VX₁₂
 2004 HG₃₀ = 2001 WM₉₃
 2004 HH₃₀ = 1993 FZ₉
 2004 HP₃₀ = 1993 DB₂
 2004 HU₃₀ = 1999 JN₂₇
 2004 HW₃₀ = 1996 UA₂
 2004 HT₃₁ = 2001 YW₂₂
 2004 HW₃₃ = 2001 YW₉₉
 2004 HY₃₃ = 1999 CA₉₀
 2004 HB₃₄ = 2001 YX₅
 2004 HF₃₄ = 2001 SP₂₄₇
 2004 HH₃₄ = 2002 XM₁₀₂
 2004 HM₃₄ = 2003 EM₃₄

2004 HN₃₄ = 2000 CN₁₁₅
 2004 HQ₃₅ = 2000 GJ₁₅
 2004 HT₃₅ = 2001 UG₂₀₂
 2004 HJ₃₆ = 2000 EZ₈₀
 2004 HP₃₆ = 2001 LD₁₆
 2004 HV₃₆ = 2001 UX₂₀₇
 2004 HF₃₇ = 2001 OR₁₁
 2004 HJ₃₇ = 1995 HQ₁
 2004 HR₃₇ = 2002 XQ₂₄
 2004 HN₃₈ = 2000 SQ₁₉₇
 2004 HQ₃₈ = 1999 GY₄₀
 2004 HY₃₉ = 2003 AC₄₆
 2004 HJ₄₀ = 1988 TS₃ = 2004 GR₄₈
 2004 HA₄₁ = 2001 UT₁₁₈
 2004 HL₄₂ = 1997 HN₇
 2004 HU₄₂ = 1997 TG₂₉
 2004 HV₄₂ = 1994 SX₁₀
 2004 HW₄₂ = 2000 SQ₃₄₀ = 2001 YR₁₄₁
 2004 HD₄₃ = 2000 FU₅₇
 2004 HO₄₃ = 2001 SU₈₈
 2004 HE₄₄ = 1997 SY₅ = 2001 SM₃₄₀
 2004 HR₄₄ = 2000 AF₃₉
 2004 HX₄₄ = 1997 HH₁₆
 2004 HK₄₅ = 1999 NY₆₀
 2004 HL₄₅ = 2001 PY₅₁
 2004 HP₄₅ = 2001 OP₁
 2004 HQ₄₅ = 2001 QB₁₆₈
 2004 HS₄₅ = 2000 WN₁₅₀ = 2001 YV₁₃₆
 2004 HZ₄₅ = 1999 LR₂₀
 2004 HD₄₆ = 2000 WJ₁₃₃
 2004 HC₄₇ = 1994 RU₂₂ = 2000 SN₂₆₅
 2004 HN₄₇ = 2001 XQ₂₆₁
 2004 HW₄₇ = 2002 YH₃₄
 2004 HX₄₇ = 2003 AS₁₅
 2004 HW₄₈ = 1995 QA₇
 2004 HC₅₀ = 1997 GZ₄₃
 2004 HD₅₀ = 2004 GN₇₁ = 2004 HD₆₃ = 2001 SF₁₈₆
 2004 HJ₅₀ = 2000 KJ₆₄
 2004 HK₅₀ = 2000 KH₄₇
 2004 HX₅₀ = 2002 VV₇
 2004 HY₅₀ = 2002 SL₁₅
 2004 HZ₅₁ = 2003 AL₅₀
 2004 HB₅₂ = 1997 UC₂₇
 2004 HY₅₂ = 1998 SJ₁₇₀
 2004 HG₅₃ = 2001 TQ₂₁₉
 2004 HL₅₄ = 2000 KN₁₁ = 2001 SU₂₉₄
 2004 HT₅₄ = 2000 EG₆₆
 2004 HU₅₄ = 2000 TM₆₂
 2004 HC₅₅ = 2001 TJ₂₃₆
 2004 HO₅₅ = 2003 AO₅₁
 2004 HS₅₅ = 1996 XA₄
 2004 HU₅₆ = 1998 RK₁₃

2004 HY₅₆ = 2000 NF₉
 2004 HC₅₈ = 1999 GL₆₂
 2004 HD₅₈ = 2001 WD₇₆
 2004 HH₅₉ = 2001 QV₁₄₉
 2004 HR₅₉ = 2001 QH₂₃₁
 2004 HX₅₉ = 2000 QT₅₈
 2004 HY₅₉ = 2002 XA₆₂
 2004 HZ₅₉ = 2000 AJ₁₇₀
 2004 HG₆₀ = 2000 ON₂₀
 2004 HP₆₀ = 2001 WY₆₉
 2004 HU₆₀ = 2001 VQ₉₇
 2004 HC₆₁ = 2000 TY₂₂
 2004 HD₆₁ = 2000 HJ₆₈ = 2002 XX₁₀₇
 2004 HE₆₁ = 2001 YG₁₄₂
 2004 HH₆₁ = 1997 HK₁₄
 2004 HQ₆₁ = 2000 EZ₁₈₂
 2004 HR₆₁ = 2001 WA₇₄
 2004 HR₆₂ = 2000 AG₂₅₃
 2004 HV₆₃ = 2001 WU₂₁
 2004 HX₆₃ = 1999 CD₁₂₀
 2004 HD₆₄ = 1998 XX₉₁
 2004 JQ = 2002 VM₁₇
 2004 JT = 2004 BA₁₀₃ = 2000 KH₈₃
 2004 JC₁ = 1999 NL₂₀
 2004 JL₁ = 2001 QJ₁₄₃
 2004 JR₁ = 1999 LL₄
 2004 JU₁ = 2000 QC₈₁ = 2003 BL₄₄
 2004 JV₁ = 2001 YL₄₀
 2004 JY₁ = 1998 WK₃₅
 2004 JE₂ = 1997 YU₉
 2004 JP₂ = 2003 CB
 2004 JY₂ = 1995 SF₆₃
 2004 JF₃ = 1996 VT₃₉
 2004 JA₄ = 2001 UO₁₇₆
 2004 JL₄ = 2001 QJ₃₃₂ = 2001 RZ₄₀
 2004 JQ₄ = 1997 HR₆
 2004 JA₅ = 1999 NY₄₀
 2004 JG₅ = 2000 KU₂₄
 2004 JK₅ = 2001 YP₂₄
 2004 JS₅ = 1999 JJ₈₅ = 2003 CJ₄
 2004 JW₅ = 1999 AF₃₀
 2004 JA₆ = 2001 CN₄₂
 2004 JB₆ = 2000 AU₉₂
 2004 JM₆ = 2001 SF₈₇
 2004 JR₆ = 2001 YF₃₄
 2004 JE₇ = 1997 EJ₄₃
 2004 JJ₇ = 2004 JC₄₅ = 2000 ES₁₂₈
 2004 JB₉ = 1996 RV₁₉
 2004 JF₁₀ = 1999 CC₆₆
 2004 JH₁₀ = 2001 VT₉₆ = 2003 EM₂₇
 2004 JU₁₀ = 1999 JW₈₉
 2004 JX₁₀ = 1998 GA₁₂ = 2000 SP₂₄₈

2004 JF₁₁ = 2000 KH₅₄ = 2001 SQ₃₂₉
 2004 JD₁₂ = 2001 RC₄₅
 2004 JQ₁₂ = 1991 VP₁₆ = 2000 SU₃₃₄
 2004 JW₁₂ = 2002 AG₇₃
 2004 JN₁₃ = 1975 XA
 2004 JS₁₃ = 2002 XM₂₇
 2004 JD₁₄ = 2001 SU₃₁₄
 2004 JQ₁₄ = 2000 EL₈₃
 2004 JG₁₅ = 2001 YP₁₅₇
 2004 JP₁₅ = 2000 EO₁₈₅
 2004 JQ₁₅ = 2001 UM₁₃₀
 2004 JT₁₅ = 2001 WQ₃₀
 2004 JO₁₆ = 1996 SS₅
 2004 JU₁₆ = 2000 KC₇₁
 2004 JV₁₆ = 2002 XH₁₀₄
 2004 JX₁₆ = 2002 XE₉₄
 2004 JY₁₆ = 2001 QA₃₀₂
 2004 JE₁₇ = 2000 DO₇₄
 2004 JH₁₇ = 2001 QP₂₇₈
 2004 JB₁₈ = 1993 TG₁₀
 2004 JH₁₈ = 1993 FE₆₉ = 2003 AM
 2004 JP₁₈ = 2000 TQ₁₆
 2004 JK₁₉ = 2001 QL₁₉₃
 2004 JO₁₉ = 2001 SL₃₃₈
 2004 JV₁₉ = 2001 YX₁₇
 2004 JH₂₁ = 1997 UN₁₂
 2004 JN₂₁ = 2001 WQ₅₃
 2004 JQ₂₂ = 1997 TG₂
 2004 JH₂₃ = 1993 FO₇₉ = 1995 UH₄₀ = 2001 YR₂₁
 2004 JX₂₃ = 1998 YH₃₂
 2004 JB₂₄ = 2001 WP₁₆
 2004 JH₂₄ = 2002 WN₄
 2004 JK₂₄ = 2003 BZ₃₀
 2004 JO₂₄ = 2000 RD₃₆ = 2000 TE₇₂ = 2000 TE₂₇
 2004 JS₂₄ = 1998 SB₁₅₉
 2004 JY₂₄ = 1996 XL₁₇
 2004 JK₂₅ = 2000 CR₁₂₀
 2004 JU₂₅ = 1999 CK₁₅₃
 2004 JV₂₅ = 2001 SU₂₁₆
 2004 JX₂₅ = 2001 YZ₁₅₅
 2004 JK₂₆ = 2003 AZ₄₄
 2004 JL₂₆ = 2000 SM₃₂₂
 2004 JN₂₆ = 2002 XK₅₆
 2004 JP₂₆ = 2000 KZ₂₀
 2004 JV₂₆ = 1995 UU₅₀
 2004 JW₂₆ = 2001 PW₆₀
 2004 JX₂₆ = 2000 DT₃₀
 2004 JS₂₇ = 2001 TA₂₃₂
 2004 JT₂₇ = 2003 FO₁₇
 2004 JX₂₇ = 2001 SF₃₄₇
 2004 JG₂₈ = 2000 KY₂₅
 2004 JL₂₈ = 2001 PJ₁₅

2004 JB₂₉ = 2001 XK₁₂₀
 2004 JG₂₉ = 2001 YQ₂₇
 2004 JB₃₀ = 2003 AF₄₇
 2004 JD₃₀ = 2001 XK₁₄₂ = 2003 DN₆
 2004 JM₃₀ = 2001 SO₃₂₀
 2004 JX₃₀ = 2002 XX₁₀₂
 2004 JJ₃₁ = 1991 GM
 2004 JL₃₁ = 1998 FQ₁₂₄ = 2000 SG₃₅₅ = 2002 AV₈₂
 2004 JU₃₁ = 1999 CN₁₅₆
 2004 JX₃₂ = 2003 BG₇₄
 2004 JZ₃₂ = 2000 KF₇₈
 2004 JE₃₃ = 2001 QX₂₂₃
 2004 JM₃₃ = 1992 EE₃₃
 2004 JS₃₃ = 2002 XT₆₂
 2004 JW₃₃ = 2000 DH₁₁₅ = 2001 ST₂₁₃
 2004 JA₃₄ = 2001 YE₁₄₈
 2004 JF₃₄ = 2003 CX₁₂
 2004 JK₃₄ = 2000 EK₃₃
 2004 JA₃₅ = 1998 XN₆₁
 2004 JB₃₅ = 2000 QP₃₅
 2004 JG₃₅ = 2000 GW₁₆₁
 2004 JH₃₅ = 1998 QQ₄₆ = 1998 RL₂₈
 2004 JJ₃₅ = 2000 JT₆₇
 2004 JM₃₅ = 2002 XN₁₀₅
 2004 JS₃₅ = 2000 GY₈₆
 2004 JY₃₅ = 2003 CP₄
 2004 JZ₃₅ = 1998 HU₄₉
 2004 JA₃₆ = 2000 ES₁₁₃
 2004 JW₃₆ = 1997 UC₁₉
 2004 JB₃₇ = 1995 VU₁₆
 2004 JC₃₇ = 1999 CS₁₄₇
 2004 JG₃₇ = 2001 ON₂₄
 2004 JU₃₇ = 2001 QK₂₅₄
 2004 JX₃₇ = 2000 GH₈₃
 2004 JH₃₈ = 2001 RJ₁₄₆
 2004 JU₄₀ = 1991 PX₂₃ = 1995 MG₃
 2004 JJ₄₁ = 2000 GQ₁₇
 2004 JK₄₁ = 2001 RL₆₂
 2004 JP₄₁ = 1995 UA₃₀
 2004 JT₄₁ = 2000 CU₈₉
 2004 JY₄₁ = 1998 SH
 2004 JN₄₂ = 2002 GT₄₉ = 2003 HJ
 2004 JP₄₂ = 1992 DX₁₂
 2004 JR₄₂ = 2001 XO₁₆₅
 2004 JT₄₂ = 2002 XP₉₇
 2004 JH₄₃ = 1997 LW₁₆
 2004 JJ₄₃ = 1999 TF₁₀₆
 2004 JO₄₃ = 2003 GZ₁
 2004 JP₄₃ = 1993 FB₇₇
 2004 JR₄₃ = 2000 KP₇₁
 2004 JB₄₄ = 2000 GU₁₀₉
 2004 JF₄₄ = 2000 OP₆₈
 2004 JP₄₄ = 2002 VJ₁₂₄
 2004 JT₄₄ = 2003 CC₈
 2004 JL₄₅ = 1996 VC₂₆
 2004 JM₄₅ = 1997 EK₁₉
 2004 JB₄₈ = 1997 RW₇
 2004 KD = 1999 XS₂₀₉
 2004 KN = 2003 BY₄₂
 2004 KR = 2001 QS₂₅₁
 2004 KW = 2001 SC₂₆₄
 2004 KY = 2001 RA₉₆
 2004 KD₃ = 1995 YN₁₈
 2004 KG₃ = 2001 YX₄₆
 2004 KS₃ = 7591 P-L = 1998 HB₇₅ = 1999 RA₁₁₃
 2004 KW₃ = 1996 VF₂₁
 2004 KA₄ = 2000 TJ₂₁ = 2001 YQ₉ = 2001 YT₁₅₇
 2004 KD₄ = 2001 VZ₁₀₇
 2004 KE₄ = 2003 CS₁₈
 2004 KJ₄ = 2001 DP₁₀₀ = 2003 JQ₄
 2004 KS₄ = 2000 UL₈₇
 2004 KG₅ = 2001 WC₇₇
 2004 KZ₅ = 2001 UK₁₅₇
 2004 KC₆ = 2001 WU₈₄
 2004 KF₆ = 2001 WR₇₇
 2004 KJ₆ = 2001 YE₅₄
 2004 KL₆ = 2003 FX₅₅
 2004 KQ₆ = 2000 CM₁₃₇
 2004 KS₆ = 2000 FH₄₈
 2004 KX₇ = 2000 OH₆₅
 2004 KH₈ = 2001 YV₃₆
 2004 KW₈ = 2000 QD₂₃₂
 2004 KJ₉ = 1998 TC₉
 2004 KU₉ = 1997 RS₆
 2004 KA₁₀ = 2003 AC₈₆
 2004 KD₁₀ = 1998 RG₆₅
 2004 KF₁₀ = 1998 HQ₁₃₀
 2004 KO₁₀ = 2003 AH₈₀
 2004 KA₁₁ = 2000 BK₄₀
 2004 KV₁₂ = 2002 AR₁₉₁ = 2003 BS₈₈
 2004 KD₁₃ = 2002 XE₂₇
 2004 KL₁₃ = 2000 ES₁₈₄
 2004 KS₁₃ = 2000 DR₁₁₃
 2004 KB₁₄ = 2003 BD₅ = 2003 DH₂₃
 2004 KP₁₄ = 1998 HT₁₅₆
 2004 KP₁₅ = 4763 P-L
 2004 KX₁₅ = 1996 TM₆₀
 2004 KP₁₆ = 2001 YV₄₂
 2004 KQ₁₆ = 1996 BV₁₆
 2004 KR₁₆ = 1995 WQ₁₃
 2004 KW₁₆ = 2002 BU₃₀ = 2002 CL₁₈₆
 2004 KY₁₆ = 2003 BH₇₀
 2004 KM₁₇ = 2001 WV₈₀ = 2003 CZ₅
 2004 LM = 2001 TD₁₂₆

2004 LX = 1999 NY₄₂
 2004 LX₂ = 2004 KY₁₇ = 1996 TK₃₅ = 1999 FB₂₀
 2004 LY₂ = 2000 QM₂₄₉
 2004 LC₃ = 2003 DF₇
 2004 LL₃ = 2001 XV₂₁₆
 2004 LY₃ = 1998 UT₁
 2004 LZ₃ = 2002 CA₁₈₇
 2004 LW₄ = 2003 AW₆₇
 2004 LB₅ = 2000 QA₁₇₃
 2004 LE₅ = 2003 EE₈
 2004 LJ₅ = 2000 SS₃₁₁
 2004 LL₅ = 2003 DP₁₀
 2004 LV₅ = 2000 TQ₄₈
 2004 LG₆ = 1999 BL₁
 2004 LM₆ = 2001 XD₁₆₈
 2004 LY₇ = 2001 YO₆₈
 2004 LA₈ = 2000 QN₂₂₂
 2004 LD₈ = 1999 DX₈
 2004 LE₈ = 2001 YA₁₄₆
 2004 LN₈ = 1996 QK₁
 2004 LR₈ = 2003 GZ₃₅
 2004 LS₈ = 1993 ON₇
 2004 LT₈ = 2003 EY₅
 2004 LU₈ = 1992 GW₈ = 2001 XU₂₅₀
 2004 LX₈ = 2002 AZ₁₄₄
 2004 LY₈ = 2001 YK₅₃
 2004 LE₉ = 2001 VV₉₈
 2004 LO₉ = 2000 ON₅₅
 2004 LX₉ = 2001 YP₃₃
 2004 LD₁₀ = 1999 NW₆₀
 2004 LB₁₁ = 2000 TA₁₁
 2004 LD₁₃ = 2001 SH₃₁₄
 2004 LQ₁₃ = 1995 HM₁
 2004 LT₁₃ = 2001 WH₃₄
 2004 LU₁₃ = 2003 FQ₅₅
 2004 LK₁₄ = 2001 RJ₁₃₂
 2004 LA₁₅ = 2001 RX₅₈
 2004 LC₁₅ = 1998 AH₁ = 2001 XH₁₈₆
 2004 LE₁₅ = 2001 YO₆₄
 2004 LF₁₅ = 2000 KK₃₄
 2004 LT₁₅ = 2000 GO₁₆₄
 2004 LZ₁₅ = 1979 OO₉
 2004 LK₁₆ = 2001 SR₃₄₈
 2004 LL₁₆ = 2002 AH₄₁
 2004 LM₁₆ = 1996 JV₁₃
 2004 LN₁₆ = 1999 LC₁₁
 2004 LO₁₆ = 2001 YX₁₀₀
 2004 LT₁₆ = 1998 BP₃₇
 2004 LL₁₇ = 2002 XF₁₄
 2004 LS₁₇ = 2003 CQ₁₃
 2004 LW₁₇ = 1996 XN₁₁ = 2000 SU₂₁₇
 2004 LX₁₇ = 1999 TD₂₆₆

2004 LY₁₇ = 2003 EN₄₈
 2004 LZ₁₇ = 1999 XF₁₈₄
 2004 LV₁₈ = 2000 CW₆₀
 2004 LC₂₀ = 2001 YC₁₅₄
 2004 LG₂₀ = 1993 FT₇₈
 2004 LY₂₁ = 2000 FP₆₁
 2004 LC₂₂ = 1999 NY₅₁
 2004 LT₂₂ = 1999 LA₁₁
 2004 LE₂₃ = 2001 VD₇₆
 2004 LY₂₃ = 2000 KM₅
 2004 LK₂₅ = 1993 OP₁₃
 2004 LZ₂₅ = 1996 FR₉
 2004 LE₂₆ = 2000 OF₆₈
 2004 LX₂₆ = 2000 LE₁₃
 2004 LC₂₇ = 2000 VF₂₁
 2004 LS₂₇ = 2000 LZ₁₂
 2004 LO₂₈ = 2000 GA₁₁
 2004 LK₂₉ = 2001 WN₇₀
 2004 LK₃₀ = 2000 SX₂₈₂
 2004 LE₃₁ = 2000 GH₃
 2004 MQ = 1999 FA₄₃
 2004 MM₁ = 2001 HG₇
 2004 MX₁ = 1999 JG₁₃₇
 2004 MQ₂ = 2002 AJ₁₅₇
 2004 MD₃ = 1998 MU₅
 2004 MV₃ = 2003 BY₃₁
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 2004 MH₄ = 2000 NO₈
 2004 MK₄ = 2003 AQ₃
 2004 MH₆ = 2000 KX₃₁
 2004 MK₆ = 2000 KF₂
 2004 MW₆ = 2001 WL₇₅
 2004 MZ₆ = 2002 CF₂₀₇
 2004 MB₇ = 2000 SD₃₅₆
 2004 MJ₇ = 2003 ER₃₀
 2004 MK₇ = 2000 SC₂₅₃
 2004 MQ₇ = 2003 FP₆₁
 2004 MS₇ = 1995 GE₃
 2004 MT₇ = 2000 SV₆
 2004 NA = 1993 RF₁₂
 2004 NJ = 1995 CU₈ = 2001 YK₅₀
 2004 NK = 2001 YK₅₇
 2004 NS = 2000 FT₆₀
 2004 NV = 2001 SO₃₁₃
 2004 NC₁ = 2003 FA₁₂₉
 2004 NJ₁ = 2003 AN₅₂
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 2004 NV₁ = 1993 PP₃ = 2002 AO₇₆
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 2004 NE₂ = 1980 BJ = 1997 VS₈
 2004 NS₂ = 1999 TO₂₆₈

2004 NH₃ = 2002 AG₁₉₈
 2004 NK₃ = 2002 CN₁₇₅
 2004 NO₃ = 2001 WB₉₇
 2004 NR₃ = 2000 KO₂₀
 2004 NX₃ = 2000 JG₁₂ = 2001 WG₈₃
 2004 NH₄ = 2001 YB₁₆
 2004 NO₄ = 2000 GT₃
 2004 NT₄ = 2001 YL₃₃
 2004 NX₄ = 2000 RX₁₄ = 2001 XO₂₆₆
 2004 ND₅ = 2000 KL₃₂
 2004 NE₅ = 2000 SZ₁₇₂
 2004 NU₅ = 2001 YK₁₄₂
 2004 NW₅ = 2001 VA₇₀
 2004 NF₆ = 1979 ON₁₀
 2004 NL₆ = 1999 SU₂₁
 2004 NU₆ = 2001 XF₁₅₇
 2004 ND₇ = 2003 HS₄
 2004 NQ₇ = 1998 HZ₄₈
 2004 NR₇ = 2000 TF₆₀
 2004 NW₇ = 2000 SZ₃₄₉
 2004 NF₈ = 2000 SX₃₆₃
 2004 NV₈ = 2000 QZ₁₅₈
 2004 NE₉ = 2001 WK₉₄
 2004 NU₉ = 2003 BW₄₁
 2004 NY₉ = 1999 TT₂₂₁
 2004 NF₁₀ = 1998 BQ₂₇
 2004 NG₁₀ = 2000 SB₃₁₄
 2004 NH₁₀ = 2000 QU₁₅₃
 2004 NK₁₀ = 2002 AL₃₈
 2004 NV₁₀ = 1998 HA₁₄₄ = 2003 GQ₁₄
 2004 NX₁₀ = 2003 JF₁₄
 2004 NB₁₁ = 1992 EK₂₀ = 1998 HO₉
 2004 NE₁₁ = 2000 WC₂₂
 2004 NL₁₁ = 2000 QB₂₂₂
 2004 NB₁₂ = 2001 TG₁₄₃
 2004 NC₁₂ = 2002 AX₁₈₉
 2004 NO₁₂ = 2000 YF₁₄₂
 2004 NR₁₂ = 2002 AZ₇₄
 2004 NG₁₃ = 2003 KS₁₅
 2004 NF₁₄ = 1999 RD₂₅₄
 2004 NH₁₄ = 2001 XH₂₆₂
 2004 NX₁₄ = 1997 RT₁₀
 2004 NH₁₅ = 2000 QJ₁₆₄
 2004 NM₁₅ = 2000 KZ₅₂
 2004 NF₁₆ = 2000 KC₇₉
 2004 NK₁₆ = 2000 QJ₂₃₁
 2004 NM₁₆ = 1999 JG₁₂₉
 2004 NQ₁₆ = 2000 QP₁₉₃
 2004 NS₁₆ = 2001 WF₈₅
 2004 NZ₁₆ = 2001 AT₇
 2004 NA₁₇ = 1999 CS₁₄₃ = 2001 XN₂₁₀
 2004 ND₁₇ = 2002 GR₁₆₅

2004 NP₁₇ = 2003 KV₁
 2004 NR₁₈ = 1998 HW₅₆ = 1999 RB₂₄₄
 2004 NT₁₉ = 2000 XG₃₀
 2004 NV₁₉ = 2000 SM₃₆₀
 2004 NW₁₉ = 1993 KT
 2004 NN₂₀ = 2001 TZ₁₈₉
 2004 NQ₂₀ = 1994 TH₃
 2004 NT₂₀ = 2001 WA₇₃
 2004 ND₂₁ = 2003 FQ₁₀
 2004 NE₂₁ = 1993 SW₉
 2004 NX₂₁ = 2001 XW₂₄₈
 2004 NJ₂₂ = 2003 HH₂₆
 2004 NT₂₂ = 2000 RA₇₅
 2004 NY₂₂ = 2000 OW₁₉ = 2003 FM₅₁ = 2003 HW₄₄
 2004 NA₂₃ = 2000 XA₃₇
 2004 ND₂₃ = 2000 JR₆₇
 2004 NX₂₃ = 2000 XS₁₇
 2004 NZ₂₃ = 2001 UQ₂₀₅
 2004 ND₂₄ = 1999 TO₂₀₇
 2004 NR₂₄ = 2001 YT₁₃₉
 2004 NT₂₄ = 1994 PC₂₂
 2004 NU₂₄ = 1998 BG₂₃
 2004 NE₂₅ = 1993 PU₆
 2004 NH₂₅ = 2002 EJ₁₁₆ = 2003 JS₁₇
 2004 NC₂₆ = 2001 YG₃₉
 2004 NW₂₆ = 2001 YV₁₀₃
 2004 NN₂₇ = 2001 YV₁₀₂
 2004 NQ₂₇ = 2003 BS₇₇ = 2003 EA₆₁
 2004 NS₂₇ = 2001 SJ₁₃₁
 2004 NU₂₇ = 2003 GX₄₃
 2004 NZ₂₇ = 2001 YQ₂₈
 2004 NK₂₈ = 2001 UR₁₃₉
 2004 NL₂₈ = 2000 KK₁₉
 2004 NT₂₈ = 2000 YO₈₆
 2004 NW₂₈ = 2000 PD₁₆
 2004 NL₂₉ = 2000 VQ₇
 2004 NK₃₀ = 2001 YX₃₃
 2004 NQ₃₀ = 1997 UY₂₅
 2004 NR₃₀ = 2000 SQ₉₁
 2004 NT₃₀ = 2000 KF₈₁
 2004 NU₃₀ = 2003 CU₂₀
 2004 NW₃₀ = 2003 KD₉
 2004 NA₃₃ = 1996 BF₁₆
 2004 OA = 2000 JJ₂₇
 2004 OD = 2000 OQ₆₈
 2004 OL = 2003 AA₆₄
 2004 OX = 2001 YS₅₅
 2004 OZ = 2000 SQ₃₅₇
 2004 OE₁ = 1994 PN₂₄
 2004 OG₁ = 2000 ON₃₀
 2004 OJ₂ = 2001 XQ₁₇₁ = 2003 FB₁₈
 2004 OR₂ = 2000 SZ₁₀₅

2004 OV₂ = 2003 GD₂₀
 2004 OY₂ = 2002 GP₃₃
 2004 OJ₃ = 1996 CW₆
 2004 ON₃ = 1996 JO₁₃ = 2003 FF₂₃
 2004 OB₄ = 2000 KU₈₂ = 2001 YX₁₉
 2004 OG₄ = 2000 FN₅₆
 2004 OQ₄ = 2002 AG₁₄₁
 2004 OT₄ = 2001 XG₂₃₇
 2004 OU₄ = 1994 RZ₂₀
 2004 OY₄ = 2003 BZ₆₉
 2004 OA₅ = 2002 CJ₁₈₉
 2004 OE₅ = 1995 OU₁ = 2001 XT₁₈₇
 2004 OJ₅ = 2000 OY₅₈
 2004 OX₅ = 2000 KG₂₃
 2004 OY₅ = 1998 HF₁₀₈
 2004 OH₇ = 2000 OC₅₅
 2004 OZ₇ = 1999 RB₁₀₈
 2004 OG₈ = 2001 XG₃₅
 2004 OQ₈ = 1997 EL₁₇
 2004 OL₉ = 2001 WC₈₈
 2004 OO₉ = 2000 QB₂₂₁
 2004 OS₉ = 2003 GB₂₅
 2004 OE₁₀ = 2000 SN₂₈₈
 2004 OH₁₀ = 2003 HH₁₅
 2004 OK₁₀ = 2001 VR₆₄
 2004 OL₁₀ = 2000 TO₄₀
 2004 OV₁₀ = 2003 AW₇₄
 2004 OX₁₀ = 2000 AF₄
 2004 OK₁₁ = 1999 TY₂₃₈
 2004 OO₁₁ = 1997 GN₃₁ = 1999 TC₂₇₆
 2004 OC₁₂ = 2001 WN₇₈
 2004 OH₁₂ = 1999 TK₆₂
 2004 OS₁₂ = 1995 YS₁₅ = 1999 TR₂₅₁ = 2003 HU₁₉
 2004 OX₁₂ = 1999 TR₂₅₉
 2004 PC = 2003 DN₁₀
 2004 PH = 1993 TY₄₁
 2004 PA₁ = 2002 CT₁₉₀
 2004 PH₁ = 2001 XP₂₃₅
 2004 PO₁ = 2000 QY₂₃₅
 2004 PP₁ = 1999 UH₆₂
 2004 PU₁ = 2002 GR₁₄₆
 2004 PZ₁ = 1994 SR
 2004 PA₂ = 2001 YR₆₄
 2004 PF₂ = 1994 CJ₄
 2004 PT₂ = 2000 AE₁₈₉
 2004 PV₂ = 2001 VC₇₃
 2004 PW₂ = 2000 ON₅₆
 2004 PY₂ = 2001 TJ₁₁₉
 2004 PE₃ = 2003 LF₁
 2004 PF₃ = 2000 KR₂₃
 2004 PH₃ = 2002 EY₁₀₄
 2004 PQ₃ = 2001 YN₆₆

2004 PB₅ = 2000 QE₂₂₉
 2004 PF₅ = 2001 WV₇₀ = 2003 EG₃₄
 2004 PD₆ = 1997 RC₆
 2004 PH₆ = 2000 WZ₁₇₉
 2004 PP₆ = 1994 RB₂₃ = 1996 FT₁₂
 2004 PB₇ = 1993 ND₂ = 2003 FD₂₇
 2004 PD₇ = 2003 FX₁₀
 2004 PO₇ = 2000 VC₉ = 2003 JM
 2004 PP₇ = 1993 SW₁₂
 2004 PE₈ = 2003 ES₅₅
 2004 PL₈ = 2001 YL₅₅
 2004 PW₈ = 2001 YY₅₂
 2004 PA₉ = 2003 FG₆₄
 2004 PF₉ = 2000 RW₂₈
 2004 PG₉ = 1979 QY₅ = 1996 GG₃
 2004 PL₉ = 1999 TO₂₃₄
 2004 PZ₉ = 2001 WD₄₉
 2004 PL₁₀ = 2003 CN₂₁
 2004 PM₁₀ = 2002 CB₁₈₈
 2004 PD₁₂ = 2004 LW₈ = 2003 KY₁₅
 2004 PE₁₂ = 2001 XA₂₀₅
 2004 PH₁₂ = 2002 CT₂₈₃
 2004 PJ₁₂ = 2000 QH₂₄₉
 2004 PP₁₂ = 2000 SQ₁₈₅
 2004 PR₁₂ = 2002 ER₁₃₅
 2004 PS₁₂ = 2000 KE₇₉ = 2001 WZ₈₃
 2004 PW₁₂ = 1997 ST₃
 2004 PY₁₂ = 1997 EP₉
 2004 PP₁₃ = 1999 RZ₇₆
 2004 PZ₁₃ = 1990 TL₂
 2004 PA₁₄ = 2003 EN₅₇
 2004 PE₁₄ = 1996 GX₄
 2004 PE₁₅ = 2003 FW₂₂
 2004 PH₁₅ = 2003 KD₁₅
 2004 PP₁₅ = 2001 YD₄₃
 2004 PQ₁₅ = 2000 WF₁₅₂
 2004 PU₁₅ = 1993 TF₄₀
 2004 PE₁₆ = 1998 YM₁₅ = 2001 XZ₁₂₂
 2004 PQ₁₇ = 2000 GJ₁₄₄
 2004 PS₁₇ = 1993 RU₁₇
 2004 PW₁₇ = 2000 KH₂₂
 2004 PX₁₇ = 2003 KC₆
 2004 PH₁₈ = 2000 KT₃₄
 2004 PJ₁₈ = 2001 BK₁₄
 2004 PA₁₉ = 2001 YN₁₁₆
 2004 PD₁₉ = 2000 QO₁₅
 2004 PN₁₉ = 1996 FS₄ = 2001 XC₂₅₈
 2004 PP₂₀ = 1996 CH₄
 2004 PR₂₀ = 1999 LU₃₅ = 2002 AV₁₈₉
 2004 PH₂₁ = 2003 GA₂₉
 2004 PR₂₄ = 2003 FZ₁₀₉
 2004 PS₂₅ = 2001 YR₁₂₁

2004 PA₂₆ = 2000 SZ₃₆₆
 2004 PM₂₆ = 2002 EU₃₆
 2004 PP₂₆ = 2000 SD₂₉₈
 2004 PD₂₇ = 2000 KJ₆₀
 2004 PM₂₇ = 1999 JE₄₃
 2004 PO₂₇ = 1999 TX₂₈₂ = 2003 JC₁₅
 2004 PP₂₇ = 2001 YH₆₅
 2004 PS₂₇ = 2003 JM₇
 2004 PB₂₈ = 2001 UU₁₀
 2004 PP₂₈ = 2002 CD₁₈₀
 2004 PW₂₈ = 2000 VO₄₆ = 2000 WQ₆₇
 2004 PZ₂₈ = 1999 CE₁₅₂
 2004 PB₂₉ = 1997 RH₂
 2004 PP₂₉ = 1996 FO₈
 2004 PT₂₉ = 1993 RW₉
 2004 PW₂₉ = 2001 YX₁₄₃
 2004 PD₃₀ = 1999 TS₂₄₅ = 2002 EK₁₃₉
 2004 PE₃₂ = 2003 EP₃₃
 2004 PO₃₂ = 2003 DW₁₈
 2004 PR₃₂ = 1999 AC₃₃
 2004 PG₃₃ = 2002 CR₂₈₈
 2004 PJ₃₃ = 2002 AQ₂₀₁
 2004 PL₃₃ = 2003 KF₁₃
 2004 PO₃₃ = 1993 PS₂
 2004 PQ₃₄ = 1997 UB₁₇
 2004 PU₃₄ = 1996 JZ₈
 2004 PN₃₅ = 2002 CJ₁₅₈ = 2003 LC₃
 2004 PU₃₅ = 2003 GX₄₅
 2004 PX₃₅ = 2003 LD₈
 2004 PE₃₆ = 1997 US₂₅
 2004 PT₃₆ = 1999 CQ₁₂
 2004 PV₃₆ = 2001 XH₂₂₁
 2004 PS₃₇ = 2003 FD₁₂₄
 2004 PQ₃₈ = 2003 GP₃₀
 2004 PB₃₉ = 1999 VR₁₀₈
 2004 PN₃₉ = 2003 HY₉
 2004 PA₄₀ = 2002 CE₂₇₇
 2004 PL₄₀ = 1999 LD₁₆ = 2000 WR₁₄₅
 2004 PQ₄₀ = 2001 AM₁₁
 2004 PT₄₀ = 2000 XY₅₁
 2004 PZ₄₀ = 2002 AA₁₇₀
 2004 PM₄₂ = 2003 CT₁₆
 2004 PV₄₂ = 2000 TQ₄₇
 2004 PW₄₂ = 2001 YT₄₄
 2004 PX₄₂ = 2002 CK₂₆₂
 2004 PK₄₃ = 2003 EA₁₅
 2004 PY₄₃ = 2000 KL₁₁
 2004 PG₄₄ = 2000 LM₂₅
 2004 PL₄₅ = 1998 MB₃
 2004 PP₄₅ = 2000 SE₂₄₈
 2004 PE₄₆ = 2000 XU₄₁
 2004 PC₄₇ = 2001 RE₅₆

2004 PV₄₈ = 2000 SM₃₆₅ = 2003 FR₃₃
 2004 PA₄₉ = 2002 EF₉₃
 2004 PS₅₁ = 1997 CL₃
 2004 PN₅₃ = 2000 YY₂₄
 2004 PV₅₃ = 2003 FX₉₉
 2004 PX₅₃ = 1997 TK₂₉
 2004 PB₅₄ = 1997 SJ₂₄
 2004 PW₅₅ = 2002 CJ₃₀₆
 2004 PL₅₆ = 2000 EE₁₈₉
 2004 PO₅₆ = 2004 NG₂₈ = 2001 AE₆
 2004 PW₅₆ = 2001 YT₂
 2004 PP₅₇ = 2000 WG₁₆₃
 2004 PV₅₇ = 2000 OR₆₈
 2004 PA₅₈ = 2001 YZ₄₁
 2004 PL₅₈ = 2002 AN₉₄
 2004 PQ₅₈ = 2000 RO₈₈
 2004 PV₅₈ = 2002 CB₂₃₃
 2004 PY₅₈ = 2002 AX₁₈₂
 2004 PS₅₉ = 1996 RS₁₂
 2004 PB₆₁ = 2002 CX₂₇₅
 2004 PC₆₁ = 1998 KM₁₁
 2004 PQ₆₅ = 2004 PE₆₁ = 1993 RV₁₂
 2004 PR₆₅ = 2000 HP₁₀₀
 2004 PJ₆₆ = 2000 WT₁₅₆
 2004 PB₆₇ = 2002 CW₁₇₅
 2004 PH₆₇ = 2001 TP₂₂₃
 2004 PO₆₇ = 1998 QA₆₄
 2004 PW₆₇ = 1993 RE₁₉ = 1997 WD₄₇
 2004 PY₆₇ = 1995 TV₈
 2004 PB₆₈ = 2001 UH₁₈₈
 2004 PD₆₈ = 2003 KK₃₂
 2004 PO₆₈ = 2002 EQ₁₄₅
 2004 PD₆₉ = 1999 TF₂₉₀
 2004 PO₆₉ = 2000 UT₁₀₂
 2004 PT₆₉ = 2002 GL₁₁₈
 2004 PL₇₀ = 2000 SH₃₁₄
 2004 PM₇₁ = 2002 CB₁₇₉
 2004 PR₇₁ = 1999 CL₁₄₉
 2004 PZ₇₁ = 1998 EZ₆
 2004 PR₇₂ = 2002 CH₈₈
 2004 PW₇₂ = 2001 TE₁₄₄
 2004 PZ₇₂ = 2002 CE₁₇₅
 2004 PJ₇₃ = 2003 EF₁₀
 2004 PW₇₄ = 2000 WV₁₆₆
 2004 PJ₇₅ = 2002 AA₁₈₁
 2004 PO₇₅ = 1995 QZ₁
 2004 PR₇₅ = 2003 FH₁₂₀
 2004 PS₇₆ = 2000 TO₆₁
 2004 PF₇₇ = 2003 FT₁₂₀
 2004 PD₇₈ = 1999 TD₂₉₅
 2004 PA₇₉ = 1997 EO₁₂
 2004 PJ₇₉ = 1999 TT₆₃

2004 PN₇₉ = 2001 XD₁₄₃
 2004 PO₇₉ = 1996 ER₁₅
 2004 PF₈₀ = 2002 CX₁₄₇
 2004 PC₈₁ = 2000 SX₃₀₀
 2004 PJ₈₂ = 2000 QT₂₄₆ = 2003 JK₇
 2004 PO₈₂ = 1999 RL₁₇₈
 2004 PS₈₂ = 1999 TX₂₈₁
 2004 PS₈₃ = 2002 CA₃₀₇
 2004 PT₈₈ = 2001 YW₁₄₃
 2004 PR₉₀ = 2003 GO₄₀
 2004 PZ₉₀ = 2003 KZ₃₃
 2004 PY₉₂ = 2003 FO₁₀₁
 2004 PZ₉₂ = 2003 JT₁₃
 2004 PF₉₃ = 2001 WF₈₉
 2004 PM₉₃ = 1995 UH₄₇
 2004 PF₉₄ = 2001 XC₁₈₆
 2004 PS₉₅ = 2000 UE₈₉
 2004 PU₉₅ = 1998 MC₂₃
 2004 PM₉₇ = 2002 CU₁₉₁
 2004 PV₉₇ = 2001 UH₁₄
 2004 PC₉₈ = 2003 LG₃
 2004 PE₉₈ = 2001 XE₁₂₄
 2004 PP₉₈ = 2003 GG₄₈
 2004 PU₉₈ = 2000 UA₉₁
 2004 PU₉₉ = 2001 XK₂₆₅
 2004 PW₉₉ = 2000 SV₃₅₂ = 2002 AF₁₅₆
 2004 PZ₁₀₀ = 2002 CG₂₈₀
 2004 PJ₁₀₁ = 2000 SJ₂₈₇
 2004 PZ₁₀₂ = 2001 YN₁₂₃
 2004 PG₁₀₅ = 2003 AK₈₀
 2004 PK₁₀₇ = 2001 XH₁₆₄
 2004 QV = 1999 FR₅₈
 2004 QW = 1993 TV₄₆
 2004 QF₂ = 1999 VF₁₉₈
 2004 QJ₂ = 1997 VT₄
 2004 QL₂ = 2003 KQ₁₃
 2004 QP₂ = 2000 YU₂₀
 2004 QW₄ = 1999 VN₂₁₅
 2004 QZ₄ = 1993 RY₁₈
 2004 QM₅ = 2003 GH₁₆
 2004 QL₆ = 2000 QV₁₇₈
 2004 QW₆ = 2003 NF₃
 2004 QJ₉ = 2003 JW₄
 2004 QN₉ = 2003 FG₂₅
 2004 QU₉ = 2001 UY₁₈₄
 2004 QF₁₁ = 1988 SR₁
 2004 QP₁₃ = 1999 TN₁₈₆
 2004 QM₁₄ = 2000 YG₁₃₆
 2004 QO₁₄ = 1995 BP₉
 2004 QH₁₆ = 2001 WT₆₁ = 2003 EV₁₆
 4171 P-L = 2004 KD₁₂
 6236 P-L = 2004 PB₈₄

1207 T-2 = 2004 NA₂₅
 2111 T-2 = 2004 NJ₂₄
 5177 T-2 = 2004 PQ₅
 2142 T-3 = 2004 LM₂₅
 3147 T-3 = 2004 HU₅₇
 4158 T-3 = 2004 PA₈
 4651 T-3 = 2003 KV₉ = 2004 PN₄
 5013 T-3 = 2004 PJ₈₆
 5017 T-3 = 2004 PB₃₂

NEW NAMES OF MINOR PLANETS

(18661) Zoccoli = 1998 FT₃₄

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Christina Marie Mariolana Zoccoli (b.1987) was awarded third place in the 2003 Intel International Science and Engineering Fair for her behavioral and social sciences project. She attends the Academy of Notre Dame de Namur, Villanova, Pennsylvania, U.S.A.

(18662) Erinwhite = 1998 FV₄₂

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Erin Margaret White (b.1987) was awarded third place in the 2003 Intel International Science and Engineering Fair for her behavioral and social sciences project. She attends the Immaculata High School, Somerville, New Jersey, U.S.A.

(18663) Lynnta = 1998 FW₄₂

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Lynn Marie Torrech-Antonetty (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for her behavioral and social sciences team project. She attends the Isidro A. Sanchez High School, Luquillo, Puerto Rico, U.S.A.

(18664) Rafaela = 1998 FA₄₃

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Rafael Andres Torrech-Antonetty (b.1988) was awarded third place in the 2003 Intel International Science and Engineering Fair for his behavioral and social sciences team project. He attends the Isidro A. Sanchez High School, Luquillo, Puerto Rico, U.S.A.

(18665) Sheenahayes = 1998 FK₄₉

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sheena Marie Hayes (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for her biochemistry project. She attends the Eastern High School, Pekin, Indiana, U.S.A.

(18668) Gottesman = 1998 FU₆₂

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

David Alexander Gottesman (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for his biochemistry project. He attends the Roslyn High School, Roslyn Heights, New York, U.S.A.

(18669) Lalitpatel = 1998 FP₆₃

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Lalit Ramesh Patel (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for his biochemistry project. He also received the Intel Foundation Achievement Award. He attends the California Academy of Mathematics and Science, Carson, California, U.S.A.

(18670) Shantanugaur = 1998 FM₆₄

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Shantanu Kadir Gaur (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for his biochemistry project. He attends the Bethel Park High School, Bethel Park, Pennsylvania, U.S.A.

(18671) Zacharyrice = 1998 FX₆₄

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Zachary Philip Rice (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for his biochemistry project. He attends the Academy of Science & Technology, Conroe, Texas, U.S.A.

(18672) Ashleyamini = 1998 FY₆₅

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ashley Ali Amini (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for her biochemistry team project. She attends the Yorktown High School, Yorktown Heights, New York, U.S.A.

(18675) Amiamini = 1998 FJ₇₀

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ami Rebecca Amini (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for her biochemistry team project. She attends the Yorktown High School, Yorktown Heights, New York, U.S.A.

(18679) Heatherenae = 1998 FW₁₀₂

Discovered 1998 Mar. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Heather Renae Messick (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for her botany project. She attends the Sargent High School, Monte Vista, Colorado, U.S.A.

(18680) Weirather = 1998 FS₁₀₃

Discovered 1998 Mar. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sara Jo Weirather (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for her botany project. She attends the Central Lee High School, Donnellson, Iowa, U.S.A.

(18681) Caseylipp = 1998 FW₁₀₃

Discovered 1998 Mar. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Casey Albert Lipp (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for his botany project. He attends the Greybull High School, Greybull, Wyoming, U.S.A.

(18689) Rodrick = 1998 FR₁₂₄

Discovered 1998 Mar. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Richard Jean Rodrick (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for his botany project. He attends the Kapa'a High School, Kapa'a, Hawaii, U.S.A.

(18697) Kathanson = 1998 HB₃₉

Discovered 1998 Apr. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kathleen Suzanne Hanson (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for her botany project. She attends the Clear Brook High School, Friendswood, Texas, U.S.A.

(18698) Racharles = 1998 HX₃₉

Discovered 1998 Apr. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Rachael Ann Charles (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for her botany team project. She attends the Salpointe Catholic High School, Tucson, Arizona, U.S.A.

(18699) Quigley = 1998 HL₄₅

Discovered 1998 Apr. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Carolyn Ann Quigley (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for her botany team project. She attends the Salpointe Catholic High School, Tucson, Arizona, U.S.A.

(18702) Sadowski = 1998 HG₆₈

Discovered 1998 Apr. 21 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

John Paul Sadowski (b.1984) was awarded third place in the 2003 Intel International Science and Engineering Fair for his chemistry project. He attends the North Shore High School, Glen Head, New York, U.S.A.

(18704) Brychristian = 1998 HF₈₇

Discovered 1998 Apr. 21 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Bryan William Christian (b.1984) was awarded third place in the 2003 Intel International Science and Engineering Fair for his chemistry project. He attends the Collins Hill High School, Suwanee, Georgia, U.S.A.

(18708) Danielappel = 1998 HT₉₇

Discovered 1998 Apr. 21 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Daniel Clayton Appel (b.1987) was awarded third place in the 2003 Intel International Science and Engineering Fair for his chemistry project. He attends the Eldorado High School, Albuquerque, New Mexico, U.S.A.

(18709) Laurawong = 1998 HE₉₉

Discovered 1998 Apr. 21 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Laura Anne Wong (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for her computer science project. She attends the Villa Victoria Academy, Ewing, New Jersey, U.S.A.

(18720) Jerryguo = 1998 HP₁₄₅

Discovered 1998 Apr. 21 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jerry Ji Guo (b.1987) was awarded third place in the 2003 Intel International Science and Engineering Fair for his computer science project. He attends the Riverside High School, Greer, South Carolina, U.S.A.

(18737) Aliciaworley = 1998 QP₇₉

Discovered 1998 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Alicia Lorraine Worley (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for her computer science project. She attends the Keyser High School, Keyser, West Virginia, U.S.A.

(18739) Larryhu = 1998 SH₇₉

Discovered 1998 Sept. 26 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Larry Zhixing Hu (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for his computer science team project. He attends the UMS Wright Preparatory School, Mobile, Alabama, U.S.A.

(18755) Meduna = 1999 GS₂₁

Discovered 1999 Apr. 15 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Matthew Paul Meduna (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for his computer science team project. He attends the UMS Wright Preparatory School, Mobile, Alabama, U.S.A.

(18766) Broderick = 1999 JA₂₂

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Tamara Ann Broderick (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for her earth and space sciences project. She attends the Laurel School, Shaker Heights, Ohio, U.S.A.

(18768) Sarahbates = 1999 JE₂₂

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sarah Woodring Bates (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for her earth and space sciences project. She attends the Eleanor Roosevelt High School, Greenbelt, Maryland, U.S.A.

(18770) Yingqiuqilei = 1999 JN₂₅

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Yingqiuqi Lei (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for her earth and space sciences team project. She attends the Robert F. Kennedy High School, Flushing, New York, U.S.A.

(18771) Sisiliang = 1999 JA₂₆

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sisi Liang (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for her earth and space sciences team project. She attends the Robert F. Kennedy High School, Flushing, New York, U.S.A.

(18773) Bredehoft = 1999 JY₃₆

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Belle Dean Bredehoft (b.1984) was awarded third place in the 2003 Intel International Science and Engineering Fair for her engineering project. She attends the Mount Vernon High School, Alexandria, Virginia, U.S.A.

(18774) Lavanture = 1999 JT₃₈

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Douglas George Lavanture (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for his engineering project. He attends the John Adams High School, South Bend, Indiana, U.S.A.

(18775) Donaldeng = 1999 JD₃₉

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Donald Eng (b.1987) was awarded third place in the 2003 Intel International Science and Engineering Fair for his engineering project. He attends the Stanton College Preparatory School, Jacksonville, Florida, U.S.A.

(18776) Coulter = 1999 JP₃₉

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Michael Edward Coulter (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for his engineering project. He attends the Oregon Episcopal School, Portland, Oregon, U.S.A.

(18777) Hobson = 1999 JA₄₁

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Christina Nicole Hobson (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for her engineering project. She attends the Red Mountain High School, Mesa, Arizona, U.S.A.

(18779) Hattyhong = 1999 JN₄₄

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Hatty Hong (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for her engineering team project. She attends the Wheatley School, Old Westbury, New York, U.S.A.

(18780) Kuncham = 1999 JY₄₄

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Vivek Kuncham (b.1987) was awarded third place in the 2003 Intel International Science and Engineering Fair for his engineering team project. He attends the Wheatley School, Old Westbury, New York, U.S.A.

(18781) Indaram = 1999 JH₄₅

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Maanasa Indaram (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for her engineering team project. She attends the Wheatley School, Old Westbury, New York, U.S.A.

(18782) Joanrho = 1999 JJ₄₆

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Joan Young Rho (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for her engineering team project. She attends the Wheatley School, Old Westbury, New York, U.S.A.

(18783) Sychamberlin = 1999 JL₄₇

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sydney JoAnne Chamberlin (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for her engineering team project. She attends the Bingham High School, South Jordan, Utah, U.S.A.

(18785) Betsywelsh = 1999 JV₄₈

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Elizabeth Jean Welsh (b.1987) was awarded third place in the 2003 Intel International Science and Engineering Fair for her environmental science project. She attends the Proctor High School, Proctor, Minnesota, U.S.A.

(18786) Tyjorgenson = 1999 JS₅₃

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Tyler Lee Jorgenson (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for his environmental science project. He attends the Buena High School, Sierra Vista, Arizona, U.S.A.

(18787) Kathermann = 1999 JV₅₃

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Katherine Laura Hermann (b.1987) was awarded third place in the 2003 Intel International Science and Engineering Fair for her environmental science project. She attends the Boulder High School, Boulder, Colorado, U.S.A.

(18788) Carriemiller = 1999 JX₅₃

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Carrie Anna Miller (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for her environmental science project. She attends the Palm Bay High School, Melbourne, Florida, U.S.A.

(18789) Metzger = 1999 JV₅₆

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Vincent Tyler Metzger (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for his environmental science project. He attends the Cibola High School, Albuquerque, New Mexico, U.S.A.

(18790) Ericaburden = 1999 JG₅₇

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Erica Mariel Burden (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for her environmental science project. She attends the Paul D. Schreiber High School, Port Washington, New York, U.S.A.

(18794) Kianafrank = 1999 JG₆₂

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kiana Laieikawai Frank (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for her environmental science project. She attends the Kamehameha High School, Honolulu, Hawaii, U.S.A.

(18796) Acosta = 1999 JH₆₄

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Iyen Abdon Acosta (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for her environmental science project. She attends the Oxon Hill High School, Oxon Hill, Maryland, U.S.A.

(18800) Terresadodge = 1999 JL₇₆

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Terresa Louise Dodge (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for her environmental science project. She attends the Hinckley Finlayson High School, Hinckley, Minnesota, U.S.A.

(18801) Noelleoas = 1999 JO₇₆

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Noelle Joan Oas (b.1984) was awarded third place in the 2003 Intel International Science and Engineering Fair for her environmental science team project. She attends the Winona Senior High School, Winona, Minnesota, U.S.A.

(18803) Hillaryoas = 1999 JH₇₇

Discovered 1999 May 12 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Hillary Joan Oas (b.1987) was awarded third place in the 2003 Intel International Science and Engineering Fair for her environmental science team project. She attends the Winona Senior High School, Winona, Minnesota, U.S.A.

(18805) Kellyday = 1999 JX₇₇

Discovered 1999 May 12 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kelly Jean Day (b.1984) was awarded third place in the 2003 Intel International Science and Engineering Fair for her environmental science team project. She attends the Mitchell High School, Mitchell, South Dakota, U.S.A.

(18806) Zachpenn = 1999 JX₇₉

Discovered 1999 May 13 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Zach Penn (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for his environmental science team project. He attends the Deming High School, Deming, New Mexico, U.S.A.

(18809) Meileawertz = 1999 JP₈₆

Discovered 1999 May 12 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Meilea Elise Wertz (b.1988) was awarded third place in the 2003 Intel International Science and Engineering Fair for her environmental science team project. She attends the Deming High School, Deming, New Mexico, U.S.A.

(18812) Aliadler = 1999 KT₁₃

Discovered 1999 May 18 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Alexandra Raisa Adler (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for her gerontology project. She attends the Horace Greeley High School, Chappaqua, New York, U.S.A.

(18821) Markhavel = 1999 NW₉

Discovered 1999 July 13 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Mark Junichi Havel (b.1984) was awarded third place in the 2003 Intel International Science and Engineering Fair for his gerontology team project. He attends the Keystone School, San Antonio, Texas, U.S.A.

(18823) Zachozer = 1999 NS₂₀

Discovered 1999 July 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Zachary Adam Ozer (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for his gerontology team project. He attends the Keystone School, San Antonio, Texas, U.S.A.

(18824) Graves = 1999 NF₂₃

Discovered 1999 July 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Daniel David Graves (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for his mathematics project. He attends the Nicolet High School, Glendale, Wisconsin, U.S.A.

(18825) Alicechai = 1999 NO₂₃

Discovered 1999 July 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Alice Wan Chai (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for her mathematics project. She attends the Plano Senior High School, Plano, Texas, U.S.A.

(18826) Leifer = 1999 NG₂₄

Discovered 1999 July 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Andrew Michael Leifer (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for his mathematics team project. He was also awarded first place in the American Mathematical Society's Karl Menger Memorial Prize. He attends the Fairview High School, Boulder, Colorado, U.S.A.

(18830) Pothier = 1999 NZ₃₅

Discovered 1999 July 14 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

David Guillaume Pothier (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for his mathematics team project. He was also awarded first place in the American Mathematical Society's Karl Menger Memorial Prize. He attends the Fairview High School, Boulder, Colorado, U.S.A.

(18836) Raymundto = 1999 NM₆₂

Discovered 1999 July 13 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Raymund Chun-Hung To (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for his mathematics team project. He

was also awarded first place in the American Mathematical Society's Karl Menger Memorial Prize. He attends the Fairview High School, Boulder, Colorado, U.S.A.

(18851) Winnesser = 1999 RP₈₄

Discovered 1999 Sept. 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Winston Harmon Messer (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for his medicine and health project. He attends the Presbyterian Christian School, Hattiesburg, Mississippi, U.S.A.

(18855) Sarahgutman = 1999 RQ₁₁₂

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sarah Elizabeth Gutman (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for her medicine and health project. She attends the Mount de Chantal Visitation Academy, Wheeling, West Virginia, U.S.A.

(18857) Lalchandani = 1999 RE₁₁₇

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Rupa Lalchandani (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for her medicine and health team project. She attends the Mira Loma High School, Sacramento, California, U.S.A.

(18858) Tecleveland = 1999 RO₁₁₇

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Thomas Edgar Cleveland (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for his microbiology project. He attends the Louisiana School for Math, Science, and the Arts, Natchitoches, Louisiana, U.S.A.

(18861) Eugenishmidt = 1999 RW₁₆₆

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Eugenia Shmidt (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for her microbiology project. She attends the High Tech High School, North Bergen, New Jersey, U.S.A.

(18862) Warot = 1999 RE₁₈₃

Discovered 1999 Sept. 9 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Gregory Andrew Warot (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for his microbiology project. He attends the Boston Latin Academy, Boston, Massachusetts, U.S.A.

(18880) Toddblumberg = 1999 XM₁₆₆

Discovered 1999 Dec. 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Todd James Blumberg (b.1984) was awarded third place in the 2003 Intel International Science and Engineering Fair for his microbiology project. He attends the Plano Senior High School, Plano, Texas, U.S.A.

(18887) Yiliuchen = 2000 AP₁₈₁

Discovered 2000 Jan. 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Yiliu Chen (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for her microbiology project. She attends the University School of Nashville, Nashville, Tennessee, U.S.A.

(18891) Kamler = 2000 EF₄₀

Discovered 2000 Mar. 8 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jonathan Jacques Kamler (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for his physics project. He attends the Townsend Harris High School, Flushing, New York, U.S.A.

(18905) Weigan = 2000 OF₁₀

Discovered 2000 July 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Wei Gan (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for his physics project. He attends the Thomas Sprigg Wootton High School, Rockville, Maryland, U.S.A.

(18907) Kevinclaytor = 2000 OW₂₀

Discovered 2000 July 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kevin E. Claytor (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for his physics project. He attends the Los Alamos High School, Los Alamos, New Mexico, U.S.A.

(18910) Nolanreis = 2000 OR₂₂

Discovered 2000 July 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Nolan Herman Reis (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for his physics project. He attends the Palo Alto High School, Palo Alto, California, U.S.A.

(18912) Kayfurman = 2000 OM₃₂

Discovered 2000 July 30 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kay Dee Furman (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for her zoology project. She attends the Central High School, Brooksville, Florida, U.S.A.

(18918) Nishashah = 2000 OB₅₀

Discovered 2000 July 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Nisha Vikram Shah (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for her zoology project. She attends the Lecanto High School, Lecanto, Florida, U.S.A.

(18923) Jennifersass = 2000 PC₂₃

Discovered 2000 Aug. 2 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jennifer Rose Sass (b.1985) was awarded third place in the 2003 Intel International Science and Engineering Fair for her zoology project. She attends the Mid-Buchanan High School, Faucett, Missouri, U.S.A.

(18924) Vinjamoori = 2000 PV₂₄

Discovered 2000 Aug. 3 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Anant Vinjamoori (b.1986) was awarded third place in the 2003 Intel International Science and Engineering Fair for his zoology project. He attends the Parkway Central High School, Chesterfield, Missouri, U.S.A.

(18930) Athreya = 2000 QW₂₇

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Khannan Kameshvaran Athreya (b.1987) was awarded third place in the 2003 Intel International Science and Engineering Fair for his zoology team project. He attends the Keystone School, San Antonio, Texas, U.S.A.

(18935) Alfandmedina = 2000 QE₃₇

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Alfredo Andres Medina (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his behavioral and social sciences project. He attends the Academia del Perpetuo Socorro, San Juan, Puerto Rico, U.S.A.

(18938) Zarabeth = 2000 QU₄₄

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Zarabeth Lehr Golden (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her behavioral and social sciences project. She attends the Blanche Ely High School, Pompano Beach, Florida, U.S.A.

(18939) Sariancel = 2000 QZ₄₈

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sari Ancel (b.1988) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her behavioral and social sciences project. She attends the Nicolet High School, Glendale, Wisconsin, U.S.A.

(18943) Elaisponton = 2000 QA₅₅

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Elais M. Ponton (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her behavioral and social sciences project. She attends the Franklin High School, El Paso, Texas, U.S.A.

(18944) Sawilliams = 2000 QG₆₁

Discovered 2000 Aug. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Stephanie Alexandra Williams (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her behavioral and social sciences project. She attends the Pacific Collegiate School, Santa Cruz, California, U.S.A.

(18946) Massar = 2000 QM₇₅

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sonny Raye Massar (b.1984) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her behavioral and social sciences team project. She attends the Francis Howell North High School, St. Charles, Missouri, U.S.A.

(18947) Cindylfulton = 2000 QV₇₆

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Cindy Marie Fulton (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her behavioral and social sciences team project. She attends the Hillsboro High School, Hillsboro, Oregon, U.S.A.

(18948) Hinkle = 2000 QT₇₉

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Athena Leah Hinkle (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her behavioral and social sciences team project. She attends the Hillsboro High School, Hillsboro, Oregon, U.S.A.

(18949) Tumaneng = 2000 QX₈₅

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Karen Andres Tumaneng (b.1984) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her biochemistry project. She attends the Waipahu High School, Waipahu, Hawaii, U.S.A.

(18950) Marakessler = 2000 QX₉₅

Discovered 2000 Aug. 26 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Marissa Rachel Kessler (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her biochemistry project. She attends the Mills E. Godwin High School, Richmond, Virginia, U.S.A.

(18953) Laurensmith = 2000 QR₁₁₄

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Lauren Marie Smith (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her botany project. She attends the Rampart High School, Colorado Springs, Colorado, U.S.A.

(18954) Sarahbounds = 2000 QT₁₁₉

Discovered 2000 Aug. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sarah Brittany Bounds (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her botany project. She attends the Mercy Cross High School, Biloxi, Mississippi, U.S.A.

(18956) Jessicarnold = 2000 QK₁₂₆

Discovered 2000 Aug. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jessica Lynn Arnold (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her botany project. She attends the Edwardsville High School, Edwardsville, Illinois, U.S.A.

(18957) Mijacobsen = 2000 QE₁₂₈

Discovered 2000 Aug. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Michael Thomas Jacobsen (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his botany project. He attends the Laurel-Concord High School, Laurel, Nebraska, U.S.A.

(18961) Hampfreeman = 2000 QR₁₄₀

Discovered 2000 Aug. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Thomas Hampton Freeman (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his botany project. He attends the Spring Valley High School, Columbia, South Carolina, U.S.A.

(18964) Fairhurst = 2000 QJ₁₄₂

Discovered 2000 Aug. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Maggie Sara Fairhurst (b.1984) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her botany team project. She attends the North Toole County High School, Sunburst, Montana, U.S.A.

(18965) Lazenby = 2000 QR₁₄₂

Discovered 2000 Aug. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Tanya Marie Lazenby (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her botany team project. She attends the North Toole County High School, Sunburst, Montana, U.S.A.

(18969) Valfriedmann = 2000 QY₁₅₂

Discovered 2000 Aug. 29 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Valerie Star Friedmann (b.1984) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her botany team project. She attends the Jefferson County High School, Dandridge, Tennessee, U.S.A.

(18970) Jenniharper = 2000 QU₁₆₈

Discovered 2000 Aug. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jennifer Dawn Harper (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her botany team project. She attends the Jefferson County High School, Dandridge, Tennessee, U.S.A.

(18973) Crouch = 2000 QJ₁₉₃

Discovered 2000 Aug. 29 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kegan Kade Crouch (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his chemistry project. He attends the Mason High School, Mason, Texas, U.S.A.

(18974) Brungardt = 2000 QX₁₉₅

Discovered 2000 Aug. 28 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Adam Robert Brungardt (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his chemistry project. He attends the Brush High School, Brush, Colorado, U.S.A.

(18976) Kunilraval = 2000 QH₂₀₆

Discovered 2000 Aug. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kunil Kaushik Raval (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his chemistry project. He attends the Saginaw Arts and Sciences Academy, Saginaw, Michigan, U.S.A.

(18979) Henryfong = 2000 RC₂

Discovered 2000 Sept. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Henry Fong (b.1987) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his chemistry team project. He attends the Alhambra High School, Alhambra, California, U.S.A.

(18980) Johannatang = 2000 RY₂

Discovered 2000 Sept. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Johanna Tang (b.1987) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her chemistry team project. She attends the Alhambra High School, Alhambra, California, U.S.A.

(18983) Allentran = 2000 RG₆

Discovered 2000 Sept. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Allen Hing Tran (b.1987) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his chemistry team project. He attends the Alhambra High School, Alhambra, California, U.S.A.

(18987) Irani = 2000 RU₂₃

Discovered 2000 Sept. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Natasha Rustom Irani (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her computer science project. She attends the Lake Highland Preparatory School, Orlando, Florida, U.S.A.

(18991) Tonivanov = 2000 RD₃₅

Discovered 2000 Sept. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Tonislav Ivanov Ivanov (b.1984) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his computer science project. He also received the Intel Foundation Achievement Award. He attends the Stuyvesant High School, New York, New York, U.S.A.

(18992) Katharvard = 2000 RK₄₀

Discovered 2000 Sept. 3 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Katherine Harvard (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her computer science project. She attends the Great Neck South High School, Great Neck, New York, U.S.A.

(18994) Nhannguyen = 2000 RO₅₀

Discovered 2000 Sept. 5 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Nhan Duy Nguyen (b.1987) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his computer science project. He attends the Southside High School, Greenville, South Carolina, U.S.A.

(18997) Mizrahi = 2000 RG₅₄

Discovered 2000 Sept. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jonathan Albert Mizrahi (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his computer science project. He

attends the Thomas Jefferson High School for Science and Technology, Alexandria, Virginia, U.S.A.

(19002) Tongkexue = 2000 RD₆₁

Discovered 2000 Sept. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Tong Ke Xue (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his computer science project. He attends the Hamilton High School, Chandler, Arizona, U.S.A.

(19003) Erinfrey = 2000 RL₆₁

Discovered 2000 Sept. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Erin Lynn Frey (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her earth and space sciences project. She attends the South River High School, Edgewater, Maryland, U.S.A.

(19004) Chirayath = 2000 RU₆₂

Discovered 2000 Sept. 2 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ved Chirayath (b.1987) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his earth and space sciences project. He attends the California Academy of Mathematics and Science, Carson, California, U.S.A.

(19005) Teckman = 2000 RY₆₄

Discovered 2000 Sept. 1 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Megan Elizabeth Teckman (b.1984) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her earth and space sciences project. She attends the Breck School, Minneapolis, Minnesota, U.S.A.

(19007) Nirajnathan = 2000 RD₆₈

Discovered 2000 Sept. 2 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Niraj Rama Nathan (b.1987) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his engineering project. He attends the Lecanto High School, Lecanto, Florida, U.S.A.

(19008) Kristibutler = 2000 RV₇₀

Discovered 2000 Sept. 2 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kristin L. Butler (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her engineering project. She attends the Hathaway Brown School, Shaker Heights, Ohio, U.S.A.

(19009) Galenmaly = 2000 RF₇₂

Discovered 2000 Sept. 2 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Galen Daniel Maly (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his engineering project. He attends the Yorktown High School, Arlington, Virginia, U.S.A.

(19023) Varela = 2000 SH₁₁₁

Discovered 2000 Sept. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Elizabeth Van Cortlandt Varela (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her engineering project. She attends the West Potomac High School, Alexandria, Virginia, U.S.A.

(19025) Arthurpetron = 2000 SC₁₁₇

Discovered 2000 Sept. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Arthur Joseph Petron (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his engineering project. He attends the Dallastown Area High School, Dallastown, Pennsylvania, U.S.A.

(19029) Briede = 2000 SR₂₀₅

Discovered 2000 Sept. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Paul Briede (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his engineering project. He attends the James Wood High School, Winchester, Virginia, U.S.A.

(19411) Collinarnold = 1998 FJ₂₂

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Collin David Arnold (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his engineering project. He attends the John Marshall High School, San Antonio, Texas, U.S.A.

(19413) Grantlewis = 1998 FB₃₀

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Grant Allen Lewis (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his engineering project. He attends the Delavan High School, Delavan, Illinois, U.S.A.

(19415) Parvamenon = 1998 FC₃₄

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Parvathy Rama Menon (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her engineering project. She attends the Westview High School, Portland, Oregon, U.S.A.

(19416) Benglass = 1998 FM₃₄

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Benjamin William Glass (b.1984) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his engineering project. He attends the Community High School, Ann Arbor, Michigan, U.S.A.

(19417) Madelyno = 1998 FG₄₀

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Madelyn Meng-Ling Ho (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her engineering project. She attends the William P. Clements High School, Sugar Land, Texas, U.S.A.

(19419) Pinkham = 1998 FO₄₉

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Brian Edward Pinkham (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his engineering project. He attends the Stone Bridge High School, Ashburn, Virginia, U.S.A.

(19420) Vivekbuch = 1998 FB₅₄

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Vivek Paresh Buch (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his engineering team project. He attends the Mills University Studies High School, Little Rock, Arkansas, U.S.A.

(19421) Zachulett = 1998 FD₅₆

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Zachary Frank Hulett (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his engineering team project. He attends the Mills University Studies High School, Little Rock, Arkansas, U.S.A.

(19423) Hefter = 1998 FD₅₈

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jonathan S. Hefter (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his engineering team project. He attends the Halb Yeshiva High School For Boys, Lawrence, New York, U.S.A.

(19424) Andrewsog = 1998 FH₆₁

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Andrew Joshua Song (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his engineering team project. He attends the Halb Yeshiva High School For Boys, Lawrence, New York, U.S.A.

(19425) Nicholasrapp = 1998 FW₆₁

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Nicholas Dorian Rapp (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his engineering team project. He also received the Intel Foundation Achievement Award. He attends the Amador Valley High School, Pleasanton, California, U.S.A.

(19426) Leal = 1998 FP₆₅

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Eddy Leal (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his environmental science project. He attends the Academia del Perpetuo Socorro, San Juan, Puerto Rico, U.S.A.

(19428) Gracehsu = 1998 FU₆₆

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Grace Hsu (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her environmental science project. She attends the Saratoga High School, Saratoga, California, U.S.A.

(19429) Grubaugh = 1998 FD₆₉

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Daniel Boyd Grubaugh (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his environmental science project. He attends the White Station High School, Memphis, Tennessee, U.S.A.

(19430) Kristinaufer = 1998 FO₆₉

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Kristina Ann Ufer (b.1984) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her environmental science project. She attends the Bellarmine Preparatory School, Tacoma, Washington, U.S.A.

(19433) Naftz = 1998 FG₇₂

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Douglas Calvin Naftz (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his environmental science project. He attends the Park City High School, Park City, Utah, U.S.A.

(19434) Bahuffman = 1998 FD₇₅

Discovered 1998 Mar. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Benjamin Allen Huffman (b.1984) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his environmental science project. He attends the Heritage Christian School, Indianapolis, Indiana, U.S.A.

(19436) Marycole = 1998 FR₇₆

Discovered 1998 Mar. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Mary Elizabeth Cole (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her environmental science project. She attends the Demopolis High School, Demopolis, Alabama, U.S.A.

(19437) Jennyblank = 1998 FQ₇₉

Discovered 1998 Mar. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jennifer Renee Blank (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her environmental science team project. She attends the Lake Brantley High School, Altamonte Springs, Florida, U.S.A.

(19438) Khaki = 1998 FF₈₃

Discovered 1998 Mar. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Shirin Khaki (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her environmental science team project. She attends the Lake Brantley High School, Altamonte Springs, Florida, U.S.A.

(19439) Allisontjong = 1998 FB₉₁

Discovered 1998 Mar. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Allison Krystle Weili Tjong (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her environmental science team project. She attends the Lake Brantley High School, Altamonte Springs, Florida, U.S.A.

(19440) Sumatijain = 1998 FN₁₀₃

Discovered 1998 Mar. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Sumati Kumari Jain (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her gerontology project. She attends the Caddo Parish Magnet High School, Shreveport, Louisiana, U.S.A.

(19441) Trucpham = 1998 FJ₁₀₅

Discovered 1998 Mar. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Truc Thanh Pham (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her gerontology project. She attends the Suncoast High School, Riviera Beach, Florida, U.S.A.

(19442) Brianrice = 1998 FM₁₀₆

Discovered 1998 Mar. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Brian Todd Rice (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his mathematics project. He was also awarded honorable mention in the American Mathematical Society's Karl Menger Memorial Prize. He attends the Southwest Virginia Governor's School, Dublin, Virginia, U.S.A.

(19443) Yanzhong = 1998 FE₁₀₉

Discovered 1998 Mar. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Yan Zhong (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her mathematics project. She attends the Vero Beach High School, Vero Beach, Florida, U.S.A.

(19444) Addicott = 1998 FT₁₀₉

Discovered 1998 Mar. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Charles Michael Addicott (b.1987) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his mathematics project. He attends the Wellington High School, Wellington, Florida, U.S.A.

(19446) Muroski = 1998 FX₁₁₃

Discovered 1998 Mar. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Megan Elizabeth Muroski (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her medicine and health project. She attends the Lake Highland Preparatory School, Orlando, Florida, U.S.A.

(19447) Jessicapearl = 1998 FD₁₁₄

Discovered 1998 Mar. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jessica Pearl Swartz (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her medicine and health project. She attends the Thomas Jefferson Senior High School, Bloomington, Minnesota, U.S.A.

(19448) Jenniferling = 1998 FJ₁₂₂

Discovered 1998 Mar. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jennifer Shui-Ming Ling (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her medicine and health project. She

attends the John L. Miller-Great Neck North High School, Great Neck, New York, U.S.A.

(19450) Sussman = 1998 FF₁₂₅

Discovered 1998 Mar. 24 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Gene Everett Sussman (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his medicine and health project. He attends the Lawrence High School, Cedarhurst, New York, U.S.A.

(19452) Keeney = 1998 FX₁₂₅

Discovered 1998 Mar. 31 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Chelsea Ray Keeney (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her medicine and health project. She attends the School of the Osage, Kaiser, Missouri, U.S.A.

(19454) Henrymarr = 1998 FX₁₂₇

Discovered 1998 Mar. 25 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Henry Louis Marr (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his medicine and health project. He attends the Alhambra High School, Alhambra, California, U.S.A.

(19461) Feingold = 1998 HZ₁₆

Discovered 1998 Apr. 18 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Samantha Megan Feingold (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her medicine and health project. She attends the Spanish River Community High School, Boca Raton, Florida, U.S.A.

(19463) Emilystoll = 1998 HY₂₉

Discovered 1998 Apr. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Emily Erin Stoll (b.1984) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her medicine and health team project. She attends the Perham High School, Perham, Minnesota, U.S.A.

(19464) Ciarabarr = 1998 HZ₂₉

Discovered 1998 Apr. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ciara Ann Barr (b.1987) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her medicine and health team project. She attends the Fox Lane High School, Bedford, New York, U.S.A.

(19465) Amandarusso = 1998 HA₃₂

Discovered 1998 Apr. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Amanda Maria Russo (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her medicine and health team project. She attends the Fox Lane High School, Bedford, New York, U.S.A.

(19466) Darcydiegel = 1998 HQ₃₄

Discovered 1998 Apr. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Darcy Renee Diegel (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her medicine and health team project. She attends the North Toole County High School, Sunburst, Montana, U.S.A.

(19467) Amandanagy = 1998 HU₃₉

Discovered 1998 Apr. 20 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Amanda Mychal Nagy (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her medicine and health team project. She attends the North Toole County High School, Sunburst, Montana, U.S.A.

(19473) Marygardner = 1998 HE₆₀

Discovered 1998 Apr. 21 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Mary Melissa Gardner (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her microbiology project. She attends the Spalding High School, Griffin, Georgia, U.S.A.

(19475) Mispagel = 1998 HA₉₁

Discovered 1998 Apr. 21 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Heather Michelle Mispagel (b.1984) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her microbiology project. She attends the Oconee County High School, Watkinsville, Georgia, U.S.A.

(19476) Denduluri = 1998 HQ₉₄

Discovered 1998 Apr. 21 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Aditya Krishna Denduluri (b.1987) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his microbiology project. He attends the Saint Pius X High School, Albuquerque, New Mexico, U.S.A.

(19477) Teresajentz = 1998 HB₉₅

Discovered 1998 Apr. 21 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Teresa Lorraine Jentz (b.1984) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her microbiology project. She attends the Hankinson Public School, Hankinson, North Dakota, U.S.A.

(19478) Jaimeflores = 1998 HY₉₆

Discovered 1998 Apr. 21 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Jaime Eduardo Flores (b.1987) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his microbiology team project. He attends the Colegio San Ignacio de Loyola, Rio Piedras, Puerto Rico, U.S.A.

(19484) Vanessaspini = 1998 HF₁₂₁

Discovered 1998 Apr. 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Vanessa Anne Spini (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her physics project. She attends the Gold Beach High School, Gold Beach, Oregon, U.S.A.

(19487) Rosscoleman = 1998 HO₁₂₄

Discovered 1998 Apr. 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Ross Andrew Coleman (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his physics project. He attends the Winner High School, Winner, South Dakota, U.S.A.

(19488) Abramcoley = 1998 HW₁₂₅

Discovered 1998 Apr. 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Abram Levi Coley (b.1984) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his physics project. He attends the Big Sky High School, Missoula, Montana, U.S.A.

(19496) Josephbarone = 1998 KC₃₂

Discovered 1998 May 22 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Joseph Michael Barone (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for his physics project. He attends the West Islip High School, West Islip, New York, U.S.A.

(19497) Pineda = 1998 KN₃₂

Discovered 1998 May 22 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Maria Luisa Pineda (b.1985) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her zoology project. She attends the American Senior High School, Miami, Florida, U.S.A.

(19500) Hillaryfultz = 1998 KF₄₉

Discovered 1998 May 23 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Hillary Anne Fultz (b.1984) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her zoology project. She attends the Bagley High School, Bagley, Minnesota, U.S.A.

(19518) Moulding = 1998 VZ₁₃

Discovered 1998 Nov. 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Erin Louise Moulding (b.1987) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her zoology project. She attends the Fremont High School, Plain City, Utah, U.S.A.

(19531) Charton = 1999 GM₃₂

Discovered 1999 Apr. 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Heather Anne Charton (b.1987) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her zoology project. She attends the Tuscarawas Valley High School, Zoarville, Ohio, U.S.A.

(19533) Garrison = 1999 GM₃₅

Discovered 1999 Apr. 7 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Carly Beth Garrison (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her zoology team project. She attends the Juneau-Douglas High School, Juneau, Alaska, U.S.A.

(19542) Lindperkins = 1999 JL₂₇

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Lindsay Prentice Perkins (b.1987) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her zoology team project. She attends the Juneau-Douglas High School, Juneau, Alaska, U.S.A.

(19543) Burgoyne = 1999 JR₃₀

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Nicole Burgoyne (b.1986) was awarded fourth place in the 2003 Intel International Science and Engineering Fair for her zoology team project. She attends the Edward R. Murrow High School, Brooklyn, New York, U.S.A.

(19544) Avramkottke = 1999 JN₃₃

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Avram Kottke (b.1987) received the 2003 Intel Foundation Achievement Award for his medicine and health project. He attends the Farmington High School, Farmington, New Mexico, U.S.A.

(19547) Collier = 1999 JP₅₇

Discovered 1999 May 10 by the Lincoln Laboratory Near-Earth Asteroid Research Team at Socorro.

Theresa Collier (b.1986) received the 2003 Intel Foundation Achievement Award for her zoology project. She attends the Mediapolis High School, Mediapolis, Iowa, U.S.A.

EPHEMERIDES

C/2004 P1 (NEAT)							Elements MPC 52516			
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2	
2004 08 23		21 35.94	+12 52.6	5.654	6.580	154.4	3.8	18.9		
2004 09 02		21 32.38	+12 46.9	5.697	6.608	152.5	4.0	19.0		
2004 09 12		21 29.25	+12 35.2	5.766	6.637	147.5	4.7	19.0		
2004 09 22		21 26.77	+12 19.2	5.860	6.666	140.6	5.5	19.1		
2004 10 02		21 25.08	+12 00.9	5.977	6.696	132.7	6.3	19.1		
2004 10 12		21 24.28	+11 41.9	6.113	6.726	124.3	7.0	19.2		
2004 10 22		21 24.43	+11 24.1	6.266	6.757	115.7	7.6	19.3		
2004 11 01		21 25.54	+11 08.8	6.431	6.788	107.0	8.0	19.4		
2004 11 11		21 27.58	+10 57.4	6.604	6.820	98.4	8.3	19.4		
2004 11 21		21 30.49	+10 50.7	6.782	6.852	89.9	8.3	19.5		
2004 12 01		21 34.20	+10 49.4	6.961	6.885	81.5	8.1	19.6		
2004 12 11		21 38.61	+10 53.9	7.137	6.918	73.2	7.8	19.7		
2004 12 21		21 43.65	+11 04.4	7.307	6.951	65.2	7.4	19.7		
2004 12 31		21 49.19	+11 20.9	7.467	6.986	57.4	6.8	19.8		
2005 01 10		21 55.15	+11 43.3	7.614	7.020	49.8	6.1	19.9		
2005 01 20		22 01.43	+12 11.4	7.747	7.055	42.6	5.4	19.9		
2005 01 30		22 07.94	+12 44.8	7.864	7.090	36.0	4.7	20.0		
2005 02 09		22 14.59	+13 23.3	7.962	7.126	30.1	4.0	20.0		

C/2004 Q1 (Tucker)							Elements MPC 52516			
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2	
2004 08 23		02 42.36	+02 01.1	1.848	2.400	110.7	23.2	14.6		
2004 09 02		02 40.41	+05 06.3	1.667	2.341	120.0	21.9	14.3		
2004 09 12		02 34.52	+08 42.8	1.503	2.285	130.2	19.7	14.0		
2004 09 22		02 23.68	+12 55.6	1.361	2.235	141.4	16.3	13.7		
2004 10 02		02 07.10	+17 43.5	1.249	2.189	153.0	12.0	13.4		

2004 10 12	01 44.54	+22 52.0	1.175	2.148	162.5	8.1	13.2
2004 10 22	01 17.08	+27 52.2	1.145	2.113	161.8	8.5	13.0
2004 11 01	00 47.55	+32 12.2	1.158	2.084	151.4	13.2	13.0
2004 11 11	00 19.68	+35 34.8	1.210	2.062	139.1	18.3	13.1
2004 11 21	23 56.64	+38 05.1	1.291	2.047	127.4	22.6	13.2
2004 12 01	23 39.98	+40 01.2	1.391	2.038	117.0	25.5	13.3
2004 12 11	23 29.77	+41 41.4	1.504	2.037	108.0	27.4	13.5
2004 12 21	23 25.37	+43 19.9	1.622	2.043	100.4	28.3	13.7
2004 12 31	23 25.94	+45 04.9	1.740	2.055	93.8	28.5	13.8
2005 01 10	23 30.74	+47 00.7	1.857	2.075	88.3	28.3	14.0
2005 01 20	23 39.29	+49 09.3	1.970	2.101	83.6	27.7	14.2

C/2004 Q2 (Machholz)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 08 23	04 10.36	-21 59.8	2.239	2.519	93.9	23.6	11.3		
2004 09 02	04 23.31	-22 52.2	2.049	2.408	98.1	24.5	10.9		
2004 09 12	04 35.54	-23 55.5	1.864	2.298	102.2	25.4	10.5		
2004 09 22	04 46.74	-25 08.0	1.685	2.187	106.1	26.2	10.0		
2004 10 02	04 56.56	-26 26.5	1.513	2.077	109.8	27.0	9.6		
2004 10 12	05 04.57	-27 46.7	1.347	1.968	113.3	27.7	9.1		
2004 10 22	05 10.17	-29 00.9	1.187	1.861	116.8	28.5	8.6		
2004 11 01	05 12.74	-29 57.2	1.034	1.756	120.1	29.3	8.0		
2004 11 11	05 11.48	-30 17.9	0.889	1.655	123.5	29.9	7.4		
2004 11 21	05 05.58	-29 33.3	0.750	1.559	127.0	30.4	6.8		
2004 12 01	04 54.50	-26 55.6	0.621	1.470	130.9	30.5	6.1		
2004 12 11	04 38.06	-21 07.8	0.506	1.389	135.1	30.1	5.4		
2004 12 21	04 17.10	-10 16.7	0.412	1.320	138.3	29.7	4.8		
2004 12 31	03 53.53	+07 01.7	0.354	1.264	136.5	32.3	4.3		
2005 01 10	03 29.90	+28 16.1	0.350	1.226	126.8	40.0	4.1		
2005 01 20	03 09.17	+47 08.7	0.397	1.206	114.8	47.8	4.3		

P/1983 V1 (Hartley-IRAS)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 09 02	05 14.60	-53 58.0	3.448	3.628	92.1	16.1	19.6		
2004 09 12	05 10.50	-56 28.8	3.311	3.543	95.0	16.4	19.3		
2004 09 22	05 01.40	-59 10.8	3.182	3.457	97.4	16.7	19.1		
2004 10 02	04 45.46	-61 54.4	3.064	3.370	99.1	17.1	18.8		
2004 10 12	04 20.53	-64 24.2	2.960	3.282	99.9	17.4	18.6		
2004 10 22	03 45.10	-66 17.3	2.872	3.193	99.7	17.9	18.4		
2004 11 01	03 00.55	-67 05.9	2.803	3.104	98.2	18.4	18.1		
2004 11 11	02 12.78	-66 29.0	2.753	3.014	95.5	19.1	17.9		
2004 11 21	01 29.80	-64 24.0	2.723	2.923	91.6	19.7	17.7		
2004 12 01	00 56.52	-61 08.0	2.711	2.832	86.7	20.3	17.4		
2004 12 11	00 33.38	-57 04.8	2.715	2.739	81.0	20.8	17.2		
2004 12 21	00 18.63	-52 35.0	2.731	2.647	74.7	21.0	17.0		
2004 12 31	00 10.12	-47 53.8	2.755	2.553	67.9	20.9	16.8		
2005 01 10	00 06.12	-43 10.4	2.783	2.460	60.9	20.5	16.6		
2005 01 20	00 05.37	-38 30.3	2.810	2.366	53.8	19.6	16.4		
2005 01 30	00 06.94	-33 56.2	2.833	2.272	46.6	18.4	16.1		
2005 02 09	00 10.19	-29 28.6	2.847	2.178	39.5	16.8	15.8		
2005 02 19	00 14.68	-25 06.9	2.849	2.085	32.6	14.8	15.6		

C/2002 J5 (LINEAR)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 09 12	13 51.30	+43 51.0	6.847	6.272	51.6	7.2	19.7		
2004 09 22	13 53.21	+42 56.6	6.900	6.301	49.9	7.0	19.7		
2004 10 02	13 55.68	+42 11.4	6.935	6.331	49.4	6.9	19.7		
2004 10 12	13 58.53	+41 35.9	6.952	6.361	50.3	6.9	19.7		
2004 10 22	14 01.61	+41 11.1	6.950	6.392	52.4	7.1	19.8		
2004 11 01	14 04.73	+40 57.6	6.931	6.423	55.6	7.3	19.8		
2004 11 11	14 07.76	+40 55.8	6.894	6.455	59.9	7.6	19.8		
2004 11 21	14 10.51	+41 06.3	6.842	6.487	65.0	7.9	19.8		
2004 12 01	14 12.81	+41 29.3	6.778	6.520	70.8	8.2	19.8		
2004 12 11	14 14.47	+42 04.9	6.704	6.554	77.1	8.4	19.8		
2004 12 21	14 15.28	+42 52.7	6.623	6.588	83.7	8.5	19.8		
2004 12 31	14 15.02	+43 52.0	6.540	6.622	90.5	8.5	19.8		
2005 01 10	14 13.45	+45 01.4	6.458	6.657	97.4	8.4	19.7		
2005 01 20	14 10.33	+46 18.9	6.384	6.693	104.1	8.2	19.7		
2005 01 30	14 05.45	+47 41.6	6.321	6.728	110.5	7.9	19.7		
2005 02 09	13 58.64	+49 05.7	6.273	6.765	116.1	7.5	19.7		
2005 02 19	13 49.79	+50 26.8	6.244	6.802	120.6	7.2	19.7		
2005 03 01	13 38.96	+51 40.1	6.239	6.839	123.7	6.9	19.7		
2005 03 11	13 26.40	+52 40.9	6.258	6.877	125.1	6.8	19.7		
2005 03 21	13 12.53	+53 25.1	6.303	6.915	124.4	6.8	19.7		
2005 03 31	12 57.99	+53 49.9	6.373	6.953	121.9	7.0	19.8		
2005 04 10	12 43.50	+53 54.4	6.468	6.992	117.9	7.3	19.8		
2005 04 20	12 29.76	+53 39.2	6.584	7.032	112.6	7.6	19.9		
2005 04 30	12 17.36	+53 06.5	6.719	7.071	106.5	7.8	19.9		
2005 05 10	12 06.66	+52 19.4	6.869	7.111	99.9	8.0	20.0		
2005 05 20	11 57.85	+51 21.3	7.029	7.152	92.9	8.1	20.1		
2005 05 30	11 50.95	+50 15.6	7.196	7.192	85.8	8.1	20.1		
2005 06 09	11 45.85	+49 05.2	7.365	7.234	78.6	7.9	20.2		
2005 06 19	11 42.38	+47 52.5	7.532	7.275	71.6	7.6	20.2		
2005 06 29	11 40.35	+46 39.6	7.693	7.317	64.7	7.2	20.3		
2005 07 09	11 39.55	+45 27.9	7.845	7.359	58.1	6.7	20.3		
2005 07 19	11 39.78	+44 18.8	7.985	7.401	51.9	6.2	20.3		
2005 07 29	11 40.85	+43 13.3	8.110	7.444	46.2	5.7	20.4		
2005 08 08	11 42.61	+42 11.9	8.217	7.487	41.4	5.1	20.4		

9P/Tempel

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 09 22	10 04.24	+19 54.5	3.630	2.853	33.9	11.3	19.7	20.3	
2004 10 02	10 19.79	+18 46.5	3.493	2.798	39.8	13.2	19.4	20.2	
2004 10 12	10 35.34	+17 37.1	3.346	2.742	45.6	15.1	19.1	20.1	
2004 10 22	10 50.83	+16 27.3	3.189	2.686	51.6	16.9	18.7	20.1	
2004 11 01	11 06.24	+15 17.9	3.024	2.630	57.6	18.6	18.4	20.0	
2004 11 11	11 21.54	+14 09.9	2.853	2.572	63.7	20.2	18.0	19.8	
2004 11 21	11 36.67	+13 04.8	2.678	2.515	69.8	21.6	17.7	19.7	
2004 12 01	11 51.57	+12 03.7	2.500	2.456	76.1	22.9	17.2	19.5	
2004 12 11	12 06.17	+11 08.2	2.320	2.398	82.4	24.0	16.8	19.4	
2004 12 21	12 20.34	+10 20.0	2.141	2.339	88.9	24.9	16.4	19.1	
2004 12 31	12 33.94	+09 40.7	1.964	2.280	95.5	25.4	15.9	18.9	
2005 01 10	12 46.80	+09 12.1	1.792	2.221	102.4	25.6	15.4	18.7	
2005 01 20	12 58.64	+08 56.3	1.627	2.163	109.4	25.4	14.9	18.4	
2005 01 30	13 09.18	+08 54.6	1.469	2.104	116.7	24.7	14.4	18.1	

Elements MPC 51367

Elements MPC 45657

2005 02 09	13 18.03	+09 08.4	1.322	2.047	124.2	23.5	13.9	17.8
2005 02 19	13 24.73	+09 37.8	1.187	1.990	132.1	21.6	13.3	17.4
2005 03 01	13 28.81	+10 21.0	1.066	1.934	140.2	19.2	12.8	17.0
2005 03 11	13 29.82	+11 14.0	0.961	1.880	148.2	16.2	12.3	16.7
2005 03 21	13 27.50	+12 08.5	0.874	1.827	155.4	13.1	11.8	16.3
2005 03 31	13 22.07	+12 52.0	0.805	1.777	159.8	11.2	11.3	16.0
2005 04 10	13 14.29	+13 10.1	0.756	1.729	159.0	12.0	10.8	15.8
2005 04 20	13 05.67	+12 48.8	0.726	1.685	153.2	15.6	10.5	15.8
2005 04 30	12 58.06	+11 40.1	0.713	1.644	145.3	20.4	10.2	15.9
2005 05 10	12 53.10	+09 43.6	0.714	1.607	137.0	25.4	9.9	16.0
2005 05 20	12 51.98	+07 04.8	0.728	1.576	129.1	29.9	9.7	16.1
2005 05 30	12 55.13	+03 53.0	0.751	1.550	122.1	33.7	9.6	16.2
2005 06 09	13 02.51	+00 17.7	0.783	1.529	115.9	36.7	9.6	16.4
2005 06 19	13 13.87	-03 32.5	0.822	1.515	110.6	38.9	9.6	16.5
2005 06 29	13 28.76	-07 29.4	0.868	1.508	106.0	40.4	9.6	16.7
2005 07 09	13 46.80	-11 25.6	0.920	1.507	102.0	41.3	9.8	16.8
2005 07 19	14 07.66	-15 14.6	0.979	1.512	98.6	41.6	9.9	17.0
2005 07 29	14 30.98	-18 50.0	1.045	1.525	95.5	41.5	10.2	17.1
2005 08 08	14 56.46	-22 06.3	1.119	1.544	92.6	41.0	10.5	17.3
2005 08 18	15 23.81	-24 59.0	1.201	1.568	89.9	40.2	10.8	17.5
2005 08 28	15 52.62	-27 24.3	1.290	1.599	87.1	39.1	11.1	17.6
2005 09 07	16 22.53	-29 20.0	1.389	1.634	84.4	37.9	11.5	17.8
2005 09 17	16 53.12	-30 45.2	1.495	1.673	81.5	36.4	12.0	18.0
2005 09 27	17 23.91	-31 40.0	1.609	1.717	78.5	34.9	12.4	18.1
2005 10 07	17 54.52	-32 06.0	1.730	1.764	75.2	33.2	12.9	18.3
2005 10 17	18 24.57	-32 05.5	1.857	1.813	71.8	31.5	13.3	18.5
2005 10 27	18 53.75	-31 41.1	1.990	1.865	68.2	29.7	13.8	18.6
2005 11 06	19 21.89	-30 56.2	2.127	1.919	64.4	27.8	14.2	18.8
2005 11 16	19 48.86	-29 53.8	2.267	1.975	60.4	25.8	14.7	18.9
2005 11 26	20 14.59	-28 37.1	2.408	2.031	56.2	23.8	15.1	19.1
2005 12 06	20 39.12	-27 08.8	2.550	2.089	51.7	21.7	15.5	19.2
2005 12 16	21 02.46	-25 31.5	2.691	2.147	47.2	19.6	15.9	19.3
2005 12 26	21 24.70	-23 47.5	2.829	2.206	42.5	17.5	16.3	19.4
2006 01 05	21 45.90	-21 58.6	2.962	2.264	37.6	15.4	16.7	19.5
2006 01 15	22 06.15	-20 06.5	3.089	2.323	32.7	13.2	17.1	19.6

2005 03 01	11 05.53	+14 11.4	4.532	5.515	172.1	1.4	17.2	19.2
2005 03 11	11 01.41	+14 45.7	4.547	5.521	167.6	2.2	17.2	19.3
2005 03 21	10 57.48	+15 15.0	4.591	5.527	157.9	3.9	17.2	19.4
2005 03 31	10 54.05	+15 37.8	4.664	5.533	147.6	5.5	17.3	19.5
2005 04 10	10 51.38	+15 53.1	4.761	5.540	137.4	7.0	17.3	19.6
2005 04 20	10 49.64	+16 00.3	4.880	5.547	127.3	8.3	17.4	19.7
2005 04 30	10 48.96	+15 59.6	5.016	5.554	117.6	9.3	17.4	19.8
2005 05 10	10 49.37	+15 51.3	5.164	5.561	108.1	9.9	17.5	19.9
2005 05 20	10 50.87	+15 35.9	5.320	5.569	99.0	10.3	17.6	20.0
2005 05 30	10 53.40	+15 14.2	5.481	5.577	90.2	10.5	17.7	20.1
2005 06 09	10 56.88	+14 46.9	5.642	5.585	81.7	10.4	17.7	20.2
2005 06 19	11 01.23	+14 14.7	5.799	5.594	73.4	10.0	17.8	20.2
2005 06 29	11 06.34	+13 38.3	5.951	5.603	65.3	9.5	17.9	20.2
2005 07 09	11 12.11	+12 58.4	6.094	5.612	57.4	8.8	17.9	20.3
2005 07 19	11 18.46	+12 15.4	6.225	5.621	49.7	7.9	18.0	20.3
2005 07 29	11 25.28	+11 30.2	6.343	5.630	42.1	6.9	18.0	20.3
2005 08 08	11 32.50	+10 43.2	6.445	5.640	34.6	5.9	18.1	20.3

P/2002 T5 (LINEAR)

Elements MPC 49768

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 10 02		10 48.07	+20 48.2	5.466	4.687	35.5	7.1	18.4	
2004 10 12		10 57.84	+20 32.9	5.398	4.715	42.8	8.3	18.4	
2004 10 22		11 07.13	+20 22.9	5.315	4.744	50.4	9.3	18.4	
2004 11 01		11 15.85	+20 19.5	5.220	4.772	58.2	10.2	18.4	
2004 11 11		11 23.90	+20 23.5	5.113	4.801	66.2	10.9	18.4	
2004 11 21		11 31.17	+20 36.1	4.999	4.830	74.5	11.4	18.3	
2004 12 01		11 37.55	+20 58.1	4.879	4.859	83.1	11.6	18.3	
2004 12 11		11 42.91	+21 30.1	4.757	4.889	91.8	11.6	18.3	
2004 12 21		11 47.12	+22 12.3	4.637	4.918	100.9	11.3	18.2	
2004 12 31		11 50.07	+23 04.5	4.524	4.948	110.0	10.8	18.2	
2005 01 10		11 51.67	+24 05.6	4.422	4.978	119.3	9.9	18.2	
2005 01 20		11 51.86	+25 14.1	4.335	5.008	128.6	8.8	18.2	
2005 01 30		11 50.66	+26 27.0	4.268	5.039	137.5	7.6	18.2	
2005 02 09		11 48.15	+27 41.1	4.224	5.069	145.6	6.3	18.2	
2005 02 19		11 44.52	+28 52.5	4.207	5.100	151.8	5.3	18.2	
2005 03 01		11 40.07	+29 57.0	4.218	5.130	154.6	4.8	18.2	
2005 03 11		11 35.16	+30 51.4	4.257	5.161	152.8	5.0	18.3	
2005 03 21		11 30.21	+31 33.0	4.325	5.192	147.4	5.9	18.3	
2005 03 31		11 25.63	+32 00.5	4.418	5.223	140.0	7.1	18.4	
2005 04 10		11 21.77	+32 13.7	4.534	5.254	131.7	8.2	18.5	
2005 04 20		11 18.90	+32 13.3	4.669	5.285	123.1	9.2	18.6	
2005 04 30		11 17.19	+32 00.8	4.820	5.317	114.5	9.9	18.7	
2005 05 10		11 16.72	+31 37.9	4.982	5.348	106.0	10.5	18.8	
2005 05 20		11 17.49	+31 06.3	5.151	5.379	97.6	10.7	18.9	
2005 05 30		11 19.44	+30 27.9	5.323	5.411	89.5	10.8	19.0	
2005 06 09		11 22.49	+29 44.2	5.496	5.442	81.7	10.6	19.1	
2005 06 19		11 26.52	+28 56.4	5.666	5.474	74.0	10.3	19.1	
2005 06 29		11 31.41	+28 05.7	5.829	5.505	66.6	9.8	19.2	
2005 07 09		11 37.06	+27 13.2	5.984	5.537	59.4	9.1	19.3	
2005 07 19		11 43.34	+26 19.6	6.128	5.569	52.5	8.3	19.4	
2005 07 29		11 50.17	+25 25.8	6.260	5.600	45.9	7.5	19.5	
2005 08 08		11 57.44	+24 32.4	6.377	5.632	39.6	6.6	19.5	
2005 08 18		12 05.07	+23 40.2	6.477	5.664	33.7	5.7	19.6	

P/2004 A1

Elements MPC 51184

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2004 10 02		10 31.43	+13 15.8	6.258	5.465	34.6	6.0	17.9	20.1
2004 10 12		10 39.30	+12 42.2	6.160	5.466	42.5	7.1	17.8	20.2
2004 10 22		10 46.71	+12 11.5	6.046	5.468	50.5	8.1	17.8	20.2
2004 11 01		10 53.58	+11 44.6	5.918	5.469	58.7	8.9	17.7	20.2
2004 11 11		10 59.82	+11 22.3	5.779	5.472	67.2	9.6	17.7	20.1
2004 11 21		11 05.32	+11 05.5	5.631	5.474	75.9	10.1	17.6	20.1
2004 12 01		11 09.98	+10 54.8	5.477	5.477	84.8	10.3	17.6	20.0
2004 12 11		11 13.69	+10 51.0	5.321	5.480	94.1	10.3	17.5	20.0
2004 12 21		11 16.37	+10 54.6	5.168	5.483	103.6	10.0	17.5	19.9
2004 12 31		11 17.94	+11 05.8	5.021	5.487	113.5	9.5	17.4	19.8
2005 01 10		11 18.36	+11 24.4	4.886	5.491	123.6	8.6	17.3	19.7
2005 01 20		11 17.62	+11 50.0	4.766	5.495	134.0	7.4	17.3	19.6
2005 01 30		11 15.80	+12 21.4	4.668	5.500	144.5	6.0	17.2	19.5
2005 02 09		11 13.02	+12 56.9	4.594	5.505	155.1	4.3	17.2	19.4
2005 02 19		11 09.51	+13 34.4	4.548	5.510	165.3	2.6	17.2	19.3

P/1999 J5 (LINEAR)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2	Elements MPC 35553
2004 10 12		06 21.79	+16 25.8	4.824	5.150	103.6	10.9	19.5		
2004 10 22		06 22.28	+16 23.0	4.670	5.145	113.3	10.2	19.5		
2004 11 01		06 21.37	+16 21.9	4.527	5.140	123.4	9.3	19.4		
2004 11 11		06 19.06	+16 23.0	4.399	5.135	133.9	8.0	19.3		
2004 11 21		06 15.44	+16 26.6	4.292	5.130	144.6	6.4	19.3		
2004 12 01		06 10.69	+16 32.8	4.210	5.124	155.6	4.6	19.2		
2004 12 11		06 05.09	+16 41.6	4.156	5.118	166.3	2.6	19.2		
2004 12 21		05 59.01	+16 53.0	4.134	5.112	173.4	1.3	19.2		
2004 12 31		05 52.89	+17 06.5	4.143	5.106	167.1	2.5	19.2		
2005 01 10		05 47.16	+17 22.0	4.183	5.100	156.4	4.4	19.2		
2005 01 20		05 42.23	+17 39.2	4.253	5.093	145.4	6.3	19.2		
2005 01 30		05 38.41	+17 57.7	4.348	5.087	134.5	7.9	19.3		
2005 02 09		05 35.90	+18 17.3	4.464	5.080	123.8	9.3	19.3		
2005 02 19		05 34.84	+18 37.7	4.596	5.073	113.6	10.3	19.4		
2005 03 01		05 35.23	+18 58.4	4.739	5.066	103.7	11.0	19.4		
2005 03 11		05 37.03	+19 19.2	4.889	5.058	94.1	11.3	19.5		
2005 03 21		05 40.17	+19 39.4	5.040	5.051	84.9	11.3	19.5		
2005 03 31		05 44.51	+19 58.8	5.189	5.043	76.1	11.1	19.6		
2005 04 10		05 49.94	+20 16.8	5.333	5.035	67.5	10.6	19.7		
2005 04 20		05 56.32	+20 33.1	5.467	5.027	59.2	9.9	19.7		
2005 04 30		06 03.53	+20 47.3	5.589	5.019	51.2	9.0	19.7		
2005 05 10		06 11.43	+20 59.2	5.697	5.011	43.4	8.0	19.8		
2005 05 20		06 19.91	+21 08.4	5.789	5.002	35.7	6.8	19.8		

OPPOSITION DATA

Planet	Opposition	α_{2000}	δ_{2000}	V	$\dot{\alpha}$	$\dot{\delta}$	ϕ_{MIN}	Ref.
2000 SS ₁₂₆	2004 08 17.0	21 46.73	-05 43.5	19.5	-0.81	- 5.3	2.8/19.3	66153
2003 EW ₅	2004 08 17.0	21 46.79	-13 18.0	19.9	-0.96	- 4.3	0.0/17.0	47323
2001 TC ₆	2004 08 17.0	21 46.79	-14 27.6	19.1	-0.95	- 7.1	0.4/16.7	66217
2000 VE ₂₁	2004 08 17.0	21 46.88	-12 21.6	19.7	-0.80	- 4.9	0.3/17.3	66168
2001 XY ₂₀₈	2004 08 17.0	21 46.94	-03 20.0	19.8	-0.90	- 5.4	3.9/19.9	66253
2001 SO ₂₆₁	2004 08 17.0	21 46.97	-12 16.0	17.7	-1.08	- 0.9	0.5/17.3	65036
2002 CK ₁₃₃	2004 08 17.0	21 47.02	-16 16.7	21.5	-0.88	- 2.7	0.8/16.3	30666
2000 WM ₇₁	2004 08 17.0	21 47.03	+04 25.2	18.4	-0.88	- 0.3	7.6/21.5	64883
2000 QM ₁₂₀	2004 08 17.0	21 47.06	-11 54.5	17.8	-0.91	- 0.8	0.7/17.4	64771
2002 CU ₁₅₅	2004 08 17.0	21 47.09	-20 21.4	21.3	-0.91	- 5.3	2.2/15.1	30671
2002 CR ₂₉₁	2004 08 17.0	21 47.11	-11 35.8	19.4	-0.74	- 7.0	0.5/17.7	65329
2000 WZ ₃₁	2004 08 17.1	21 47.08	-26 19.8	18.7	-0.80	- 5.9	3.9/13.0	66170
2000 GE ₁₆₈	2004 08 17.1	21 47.10	-21 44.1	19.2	-1.03	- 5.5	3.5/14.8	66120
2001 UE ₁₁₈	2004 08 17.1	21 47.11	-25 44.0	19.5	-1.04	- 4.8	5.1/13.6	66232
2001 XT ₅₉	2004 08 17.1	21 47.11	-19 26.0	18.9	-0.96	- 6.0	2.3/15.3	30569
2004 PS ₂₇	2004 08 17.1	21 47.16	-25 28.2	18.9	-0.79	- 5.4	4.2/13.4	65950
2000 XK ₁₄	2004 08 17.1	21 47.17	-36 40.9	18.9	-1.09	- 1.3	7.7/10.7	66176
2004 PP ₆	2004 08 17.1	21 47.19	-12 44.6	18.6	-0.82	-10.5	0.3/17.3	65937
1999 JO ₂₈	2004 08 17.1	21 47.20	-32 49.6	19.3	-1.02	- 2.1	7.5/12.0	66085
2000 JU ₂₁	2004 08 17.1	21 47.21	-03 39.0	19.8	-0.96	- 5.1	4.1/19.9	25024
1999 JJ ₁₁₄	2004 08 17.1	21 47.22	-29 59.9	19.7	-0.96	- 3.9	5.9/12.4	50410
2000 UZ ₆₅	2004 08 17.1	21 47.24	-14 23.2	18.7	-0.86	- 3.9	0.4/16.9	66165
2003 BP ₂₆	2004 08 17.1	21 47.25	-08 47.8	19.8	-1.00	- 4.0	1.7/18.3	48318
2000 WV ₂₅	2004 08 17.1	21 47.27	-16 09.1	18.7	-0.82	- 3.8	0.9/16.4	66170

2000 SP ₅₆	2004 08 17.1	21 47.28	-15 00.6	19.1	-0.90	- 3.6	0.6/16.7	66150
2000 SE ₆	2004 08 17.1	21 47.30	-43 20.1	18.8	-1.10	- 3.3	11.6/07.2	64809
2001 XL ₁₇₉	2004 08 17.1	21 47.32	-09 51.2	17.8	-0.87	- 4.5	1.6/18.1	65224
2004 PL ₃₃	2004 08 17.1	21 47.33	-21 55.6	19.8	-0.83	- 6.0	3.0/14.5	65953
1999 UZ ₅₀	2004 08 17.1	21 47.35	-24 18.9	18.2	-0.80	- 2.7	4.5/14.1	64686
2000 VY ₄₄	2004 08 17.1	21 47.35	-46 44.5	19.9	-1.24	- 0.1	14.0/06.2	64879
2002 BM ₃₀	2004 08 17.1	21 47.38	-45 05.9	20.3	-0.92	- 4.4	7.7/06.7	47167
1994 PF ₃₈	2004 08 17.1	21 47.38	-11 19.5	18.5	-0.86	- 6.2	1.0/17.8	66052
2001 RJ ₁₂₁	2004 08 17.1	21 47.42	-20 29.2	20.7	-1.13	- 3.8	3.1/15.3	46602
2000 QS ₆₇	2004 08 17.1	21 47.43	-30 15.9	18.8	-1.05	- 0.4	7.5/12.9	66135
2000 TM ₄₈	2004 08 17.1	21 47.45	-14 58.6	18.9	-0.85	- 7.9	0.6/16.7	64864
2004 PR ₂₅	2004 08 17.1	21 47.47	-15 51.0	18.8	-0.98	- 1.0	1.1/16.6	65948
2002 CE ₁₇	2004 08 17.2	21 47.45	-10 51.2	19.1	-0.92	- 1.2	0.8/17.8	31966
2002 CN ₉₇	2004 08 17.2	21 47.50	-16 52.5	18.4	-0.82	- 5.1	1.2/16.2	66268
2004 PZ ₇₂	2004 08 17.2	21 47.61	-15 23.3	17.9	-1.00	- 0.7	1.0/16.8	65969
2003 FV ₉₈	2004 08 17.2	21 47.62	-09 27.0	19.8	-0.80	- 7.6	1.3/18.5	65481
2002 AV ₉₈	2004 08 17.2	21 47.63	-19 44.4	19.3	-0.96	- 5.5	2.7/15.4	65284
2001 TY ₁₄₃	2004 08 17.2	21 47.64	-17 25.9	18.2	-0.90	- 8.1	2.0/16.0	66224
1997 WB ₂	2004 08 17.2	21 47.65	-12 19.8	18.3	-0.95	- 5.9	0.4/17.5	66063
1999 TY ₁₁₄	2004 08 17.2	21 47.66	+01 05.7	18.5	-0.72	- 4.9	4.4/21.7	66093
2000 RQ ₂₀	2004 08 17.2	21 47.66	-09 19.3	17.9	-1.04	0.0	1.6/18.1	66143
2001 UB ₁₇₂	2004 08 17.2	21 47.66	-22 14.5	20.0	-1.05	- 4.3	3.7/14.8	48144
2000 YP ₃₅	2004 08 17.2	21 47.72	-44 40.3	20.6	-0.91	- 5.9	8.1/06.0	30439
2001 XJ ₆₆	2004 08 17.2	21 47.73	-17 50.6	18.7	-0.96	- 6.9	1.9/15.9	66248
2002 BF ₁	2004 08 17.2	21 47.74	-14 44.8	20.7	-0.96	- 3.6	0.5/16.9	30629
2003 FX ₁₀₃	2004 08 17.2	21 47.82	-11 28.5	20.5	-0.94	- 4.8	0.7/17.8	47475
2004 NX ₂₃	2004 08 17.2	21 47.82	-02 07.3	18.0	-0.89	- 0.6	4.1/20.0	65908
2001 TR ₃₁	2004 08 17.2	21 47.90	-18 11.7	19.2	-1.10	- 1.9	2.2/16.1	65051
2001 QA ₂₈	2004 08 17.3	21 47.82	-13 14.9	17.8	-0.94	- 7.8	0.0/17.3	66192
2000 RL ₁₇	2004 08 17.3	21 47.82	-08 57.9	17.6	-1.08	+ 2.4	1.9/18.2	64789
2003 AQ ₅₇	2004 08 17.3	21 47.86	+02 07.4	19.8	-1.47	+ 5.6	7.8/19.5	66301
1996 RA ₂₈	2004 08 17.3	21 47.91	-34 08.7	17.5	-1.79	+ 8.3	11.1/14.7	66058
2001 XN ₆₀	2004 08 17.3	21 47.93	-01 54.3	19.9	-0.86	- 3.2	3.4/20.4	66247
2003 JO ₃	2004 08 17.3	21 47.96	-22 05.3	20.1	-0.81	- 3.2	2.9/14.9	65495
2002 EP ₂₆	2004 08 17.3	21 47.98	-07 59.2	19.6	-0.79	- 3.6	1.7/18.8	48217
1999 EE ₁₂	2004 08 17.3	21 48.07	-18 07.9	20.7	-0.95	- 6.5	1.7/15.9	47772
2002 CS ₁₅₇	2004 08 17.3	21 48.11	-17 59.2	18.5	-0.89	- 1.7	1.6/16.2	66269
2000 WD ₁₄₁	2004 08 17.3	21 48.12	-53 32.3	20.8	-1.12	- 3.7	9.0/02.4	64888
2000 QF ₉₅	2004 08 17.3	21 48.16	-09 18.4	17.8	-0.74	- 1.6	2.1/18.4	64766
2000 QL ₉	2004 08 17.3	21 48.19	-18 01.3	17.4	-0.99	- 0.5	2.1/16.3	66133
2000 QF ₁₇₈	2004 08 17.3	21 48.20	-09 09.7	19.0	-1.13	+ 3.5	1.9/18.1	64780
2001 YB ₁₂₁	2004 08 17.3	21 48.23	-21 23.4	19.8	-0.89	- 8.6	2.6/14.8	27796
2000 RD ₅₇	2004 08 17.3	21 48.25	-07 07.0	20.8	-0.84	- 4.1	2.1/19.1	29294
2002 EW ₁₀₅	2004 08 17.3	21 48.25	-15 12.8	18.9	-0.72	- 6.4	0.6/16.8	33971
2000 UC ₅₁	2004 08 17.4	21 48.28	-04 18.5	19.5	-0.73	- 3.8	2.4/20.1	66165
2003 FN ₂₀	2004 08 17.4	21 48.30	-38 27.5	18.7	-1.15	+ 0.4	10.6/11.3	65471
2003 HO ₃	2004 08 17.4	21 48.35	-14 44.2	19.8	-0.79	- 4.2	0.5/17.0	66312
2000 SN ₃₁₁	2004 08 17.4	21 48.41	+04 06.7	18.2	-0.97	+ 0.3	7.3/21.6	64853
2001 UR ₂₀	2004 08 17.4	21 48.46	-20 33.3	19.4	-0.97	- 6.2	2.7/15.3	66228
2000 YF ₃₈	2004 08 17.4	21 48.52	-30 26.5	18.9	-0.80	- 5.9	5.0/11.9	66179
2003 EA ₃₃	2004 08 17.4	21 48.52	-16 15.6	21.1	-0.98	- 4.4	1.1/16.7	47358

2001 VR ₁₂₂	2004 08 17.4	21 48.55 -25 50.0 19.8	-1.04 - 6.7	5.5/13.6	23928	2000 SC ₁₆₆	2004 08 17.8	21 49.76 -01 35.6 18.4	-0.84 - 2.6	5.1/20.9	66154
2003 GP ₂₂	2004 08 17.4	21 48.56 -09 54.3 17.6	-0.69 -15.3	1.1/18.8	65487	2000 QT ₁₁₇	2004 08 17.8	21 49.76 -06 42.4 18.2	-0.82 - 8.4	2.9/19.9	66137
1994 RK ₂₆	2004 08 17.4	21 48.58 -13 10.7 18.6	-0.86 - 1.8	0.0/17.5	66053	1999 TK ₇₃	2004 08 17.8	21 49.78 -22 49.4 19.2	-0.92 - 1.4	3.2/15.3	66093
2001 UB ₅₁	2004 08 17.5	21 48.57 -12 26.5 18.0	-0.82 -11.0	0.4/17.8	65102	2001 VW ₄₅	2004 08 17.8	21 49.79 -22 39.8 19.1	-1.08 - 5.6	4.1/15.1	66238
2000 UU ₉₃	2004 08 17.5	21 48.57 -04 40.5 19.1	-0.88 - 3.2	3.0/19.8	64875	2003 GB ₃₅	2004 08 17.8	21 49.80 -18 20.6 19.2	-0.86 - 6.0	1.9/16.3	66311
2000 GM ₁₃₉	2004 08 17.5	21 48.59 -19 52.6 20.1	-0.99 - 7.8	2.7/15.5	66119	2000 SQ ₃	2004 08 17.8	21 49.82 -38 24.0 18.4	-1.09 - 0.9	10.3/10.9	66147
2004 PL ₅₆	2004 08 17.5	21 48.60 -17 40.4 19.0	-1.10 - 1.5	2.1/16.5	65963	2001 TJ ₁₀	2004 08 17.8	21 49.83 -26 56.7 18.4	-0.82 - 5.8	7.4/13.4	65045
2000 RJ ₅₆	2004 08 17.5	21 48.61 -20 43.9 17.8	-0.92 - 0.4	3.7/15.7	64798	2000 SJ ₁₃₁	2004 08 17.8	21 49.85 +05 36.4 19.1	-0.89 - 2.4	6.6/22.9	66153
2001 XR ₉₁	2004 08 17.5	21 48.71 -17 15.6 20.8	-0.99 - 5.1	1.5/16.4	30573	2001 VP ₃	2004 08 17.8	21 49.85 -04 02.5 19.5	-0.95 - 5.2	3.7/20.4	66236
1993 RH ₉	2004 08 17.5	21 48.71 -11 31.0 19.4	-0.97 - 4.7	0.6/18.0	66051	1999 AN	2004 08 17.8	21 49.87 -16 18.5 19.1	-0.99 - 4.4	1.1/17.0	66080
1999 TD ₇₄	2004 08 17.5	21 48.84 -19 14.7 20.6	-0.84 - 2.0	1.8/16.0	47804	2001 XH ₂₃₃	2004 08 17.8	21 49.88 -04 05.7 18.4	-0.96 - 2.9	3.9/20.2	65235
2001 ST ₂₉₁	2004 08 17.5	21 48.85 -22 57.7 18.7	-0.95 -11.0	4.4/14.2	66216	2002 AG ₁₂₁	2004 08 17.8	21 49.94 -13 25.9 18.5	-0.82 - 2.4	0.1/17.8	66262
2002 AG ₁₆₆	2004 08 17.5	21 48.86 -14 35.5 19.5	-0.86 -14.5	0.5/17.1	65292	2000 SH ₁₂₁	2004 08 17.8	21 49.99 -40 57.9 18.0	-1.16 - 1.7	11.6/09.1	66152
2002 CT ₁₇₄	2004 08 17.5	21 48.87 -21 52.1 19.7	-0.75 - 4.3	2.3/15.0	66270	2000 HK ₂₂	2004 08 17.8	21 50.02 -11 33.3 20.4	-0.99 - 5.8	0.6/18.3	19655
2000 QZ ₄₂	2004 08 17.5	21 48.92 -08 36.5 19.0	-0.85 - 7.7	2.0/19.0	64758	2001 TC ₃₆	2004 08 17.8	21 50.03 -15 00.7 19.6	-1.12 - 2.9	0.9/17.4	65053
2000 QT ₄₄	2004 08 17.5	21 48.93 -19 15.7 18.5	-1.13 + 0.6	2.5/16.3	66134	2001 SH ₂₄₇	2004 08 17.8	21 50.06 -13 34.1 18.1	-0.88 - 7.4	0.2/17.7	66214
2002 CD ₃	2004 08 17.5	21 48.96 -31 51.7 20.4	-0.82 - 4.0	5.0/11.9	66265	1999 FP ₄	2004 08 17.8	21 50.06 -03 45.0 20.3	-0.91 - 6.5	3.3/20.6	66083
1999 BG ₄	2004 08 17.5	21 49.00 -15 10.2 20.0	-0.98 - 4.1	0.7/17.1	66080	2004 PO ₆₈	2004 08 17.8	21 50.08 -05 50.0 19.7	-0.73 - 7.5	2.5/20.2	65967
2001 XT ₄₁	2004 08 17.6	21 48.95 -26 16.6 19.8	-1.07 - 2.5	5.5/14.2	50577	2000 LA ₃₂	2004 08 17.8	21 50.08 +13 42.8 19.3	-1.09 - 0.8	9.4/25.3	66129
2002 EN ₉₇	2004 08 17.6	21 49.02 +01 55.6 19.6	-0.76 - 6.6	4.7/22.5	31981	1997 WB ₁₂	2004 08 17.8	21 50.11 -10 13.5 18.2	-0.75 - 5.7	1.5/18.8	64648
4112 T-3	2004 08 17.6	21 49.05 -12 38.2 18.5	-0.79 - 7.4	0.2/17.8	66425	1999 TO ₂₅₈	2004 08 17.8	21 50.11 -18 19.5 19.3	-0.83 - 2.8	1.7/16.5	64684
2000 SK ₂₆₉	2004 08 17.6	21 49.08 -15 07.7 17.9	-0.73 - 8.3	0.9/17.0	64847	1999 UQ ₅₄	2004 08 17.9	21 50.10 -09 28.7 20.7	-0.74 - 4.4	1.1/19.0	47817
2001 TJ ₁₈₈	2004 08 17.6	21 49.12 -13 33.2 19.5	-0.99 - 4.1	0.1/17.5	66225	2000 SV ₄₃	2004 08 17.9	21 50.11 -26 10.0 19.2	-1.52 + 4.3	5.2/15.7	13744
2002 CB ₇₀	2004 08 17.6	21 49.14 -15 19.1 19.1	-0.95 - 1.7	0.8/17.1	66267	2003 AV ₂	2004 08 17.9	21 50.12 +07 45.3 18.9	-1.38 + 3.8	9.9/21.5	65412
2001 XW ₆₇	2004 08 17.6	21 49.14 -13 45.6 18.7	-0.94 - 6.0	0.2/17.5	66248	2002 ER ₉₇	2004 08 17.9	21 50.13 -17 08.5 22.0	-0.84 - 4.5	1.1/16.8	30720
2001 XF ₉₃	2004 08 17.6	21 49.25 -20 51.2 20.8	-1.02 - 5.5	2.9/15.5	30573	2001 UN ₁₅₃	2004 08 17.9	21 50.13 -29 21.5 18.1	-1.02 - 5.2	7.5/13.0	66234
1999 EC ₇	2004 08 17.6	21 49.25 -08 40.4 19.0	-0.90 - 7.4	1.8/19.0	66083	1999 XR ₂₃	2004 08 17.9	21 50.17 -34 33.8 19.5	-0.85 - 7.4	7.6/10.1	64695
1997 WE ₁₁	2004 08 17.6	21 49.26 -17 51.2 19.1	-0.95 - 4.6	2.2/16.4	66063	2004 PZ	2004 08 17.9	21 50.21 -08 46.3 18.6	-0.95 - 1.7	2.2/19.0	65931
2001 YT ₁₀₇	2004 08 17.6	21 49.26 -07 43.4 19.6	-0.87 - 4.9	1.8/19.2	66257	2002 AX ₁₇₁	2004 08 17.9	21 50.23 -08 41.8 18.6	-0.90 - 0.5	1.4/19.0	65292
1999 TR ₁₄₅	2004 08 17.6	21 49.29 -19 37.8 19.0	-0.77 - 3.2	1.8/15.8	66094	2003 DN ₁₃	2004 08 17.9	21 50.23 -17 04.2 19.1	-0.88 - 9.2	1.5/16.7	65451
2000 FV ₂₈	2004 08 17.6	21 49.32 -13 47.6 20.1	-1.08 - 3.1	0.3/17.5	47872	2003 EQ ₂₂	2004 08 17.9	21 50.27 -12 39.9 18.8	-0.92 - 8.1	0.2/18.1	66306
2001 VB ₅₉	2004 08 17.6	21 49.33 -26 00.6 21.0	-1.01 - 3.6	4.1/14.2	23912	2001 XU ₃₄	2004 08 17.9	21 50.35 -24 08.5 18.3	-1.08 - 1.5	4.4/15.3	66246
2001 XA ₁₃	2004 08 17.6	21 49.34 -26 54.1 19.4	-1.09 - 1.5	6.0/14.2	66245	2002 CU ₂₃₃	2004 08 17.9	21 50.36 -17 47.7 19.2	-0.85 - 1.4	1.5/16.8	66271
2001 XL ₁₉₅	2004 08 17.6	21 49.34 +10 23.8 18.8	-1.06 + 2.3	8.7/22.8	66253	2000 VT ₃	2004 08 17.9	21 50.36 -04 27.1 19.2	-0.79 - 5.0	2.9/20.5	66167
1998 FK ₁₂₃	2004 08 17.6	21 49.35 -00 07.0 20.5	-0.80 - 6.1	4.1/21.7	50384	2004 PA ₅₈	2004 08 17.9	21 50.40 -06 34.4 17.6	-0.94 + 0.5	3.5/19.4	65964
2001 XE ₂₂₇	2004 08 17.7	21 49.31 -34 45.8 19.3	-1.01 - 4.2	7.9/11.3	66254	2001 TX ₂₃	2004 08 17.9	21 50.42 -15 06.5 18.7	-0.99 - 4.2	0.8/17.4	66218
2001 QV ₁₆₃	2004 08 17.7	21 49.32 -06 20.3 18.5	-1.00 - 4.1	3.1/19.5	64955	2001 VV ₆₂	2004 08 17.9	21 50.42 -38 28.3 18.8	-1.14 - 0.9	11.9/11.0	65146
2001 SM ₃₁₆	2004 08 17.7	21 49.35 -36 02.2 18.7	-1.16 - 0.5	7.6/12.0	66217	2000 RN ₂₁	2004 08 17.9	21 50.48 -08 29.5 18.5	-0.87 - 1.8	2.1/19.2	64791
1999 AG ₁₈	2004 08 17.7	21 49.38 -09 32.4 19.3	-1.04 - 2.8	1.5/18.6	66080	2003 DE ₁₉	2004 08 17.9	21 50.49 -11 17.8 21.0	-0.96 - 4.8	0.6/18.5	47315
1999 CT ₁₃₆	2004 08 17.7	21 49.38 -14 25.4 21.2	-0.94 - 5.9	0.4/17.4	46353	2000 SW ₂₀₆	2004 08 18.0	21 50.42 -17 56.8 18.9	-0.88 - 3.8	1.7/16.6	66156
1999 TS ₁₄₃	2004 08 17.7	21 49.44 -29 44.5 17.9	-1.05 + 2.1	6.3/14.2	66094	2001 WQ ₂₄	2004 08 18.0	21 50.46 -04 01.1 20.6	-0.92 - 5.8	3.4/20.6	66243
2002 AV ₁₆₅	2004 08 17.7	21 49.65 -09 02.6 19.1	-0.92 - 4.1	1.4/18.9	66263	2001 SV ₂₀₇	2004 08 18.0	21 50.47 -19 59.4 19.4	-1.11 - 3.6	2.8/16.2	66213
2000 RB ₃	2004 08 17.7	21 49.66 -29 07.7 18.4	-1.07 - 0.6	5.8/13.8	30377	2002 CY ₁₂₀	2004 08 18.0	21 50.50 -12 20.0 20.9	-0.87 - 7.1	0.3/18.2	48205
2004 NJ ₂₁	2004 08 17.7	21 49.66 -12 03.4 18.3	-0.95 - 4.0	0.5/18.1	65904	2002 AV ₁₂	2004 08 18.0	21 50.51 -15 46.0 18.9	-0.86 - 7.4	1.0/17.2	66259
2002 AW ₁₇₂	2004 08 17.7	21 49.74 -18 12.4 18.3	-0.95 - 4.0	2.3/16.4	65293	1999 YX ₅	2004 08 18.0	21 50.52 -23 04.4 17.5	-1.72 + 7.5	5.3/16.8	66104
2000 SO ₂₉	2004 08 17.7	21 49.75 -12 40.7 18.3	-0.91 - 3.5	0.2/17.9	66148	2004 PN ₂₇	2004 08 18.0	21 50.52 -23 54.2 17.4	-1.10 + 6.2	6.1/16.2	65950
2001 TA ₁₅₃	2004 08 17.7	21 49.77 -19 24.6 19.0	-1.01 - 6.2	2.5/16.0	65075	2000 SP ₂₉₀	2004 08 18.0	21 50.57 -12 00.3 19.9	-0.92 - 3.6	0.4/18.3	29408
2001 QN ₇₃	2004 08 17.7	21 49.78 -46 55.4 19.4	-1.25 - 6.9	11.4/05.7	66193	2000 SP ₂₉₁	2004 08 18.0	21 50.57 -10 22.6 19.1	-0.88 - 3.5	1.0/18.8	66159
1999 JP ₁₁	2004 08 17.8	21 49.67 -56 04.9 19.1	-1.30 - 4.0	13.7/02.1	66085	2000 RK ₂₅	2004 08 18.0	21 50.61 +04 15.2 18.7	-0.75 - 7.8	7.0/23.9	66143
2002 AQ ₈₇	2004 08 17.8	21 49.71 -04 13.9 19.4	-0.82 - 4.3	3.0/20.4	66261	1998 KH ₄₃	2004 08 18.0	21 50.62 +02 17.3 21.8	-0.77 - 6.1	4.3/22.9	47732
2000 SP ₃₁₇	2004 08 17.8	21 49.72 -01 43.2 18.9	-1.03 + 1.3	4.7/20.3	64855	2000 WR ₁₆₂	2004 08 18.0	21 50.65 -11 54.0 19.4	-0.72 - 6.5	0.3/18.4	66174

2001 UZ ₁₅₆	2004 08 18.0	21 50.68 -19 40.1 18.7	-0.83 - 6.0	3.5/16.0	65121	2000 RH ₆₉	2004 08 18.4	21 52.04 -10 17.5 17.6	-0.76 - 7.3	1.2/19.3	66145
2004 PZ ₆₈	2004 08 18.0	21 50.68 -16 09.6 20.0	-0.94 - 6.1	1.2/17.2	65968	2003 HE ₁₂	2004 08 18.4	21 52.05 -06 55.1 19.8	-0.72 - 7.1	1.9/20.4	65493
2000 WY ₆₂	2004 08 18.0	21 50.71 -27 50.1 19.5	-0.81 - 3.8	3.9/13.6	31924	2002 EB ₁₃₇	2004 08 18.4	21 52.06 -22 10.8 19.2	-0.93 - 1.4	3.2/16.1	66275
2000 SF ₂₅₃	2004 08 18.0	21 50.76 -13 36.5 19.4	-0.86 - 5.3	0.2/17.9	66157	2001 UF ₁₆₀	2004 08 18.4	21 52.09 -15 24.7 21.1	-0.96 - 5.5	0.9/17.7	30526
2001 YX ₁₂₄	2004 08 18.0	21 50.77 -07 48.1 18.4	-1.08 - 0.8	2.5/19.2	65265	2000 GO ₉₈	2004 08 18.4	21 52.10 -01 53.3 18.9	-0.95 - 6.1	4.8/22.0	66118
1999 VH ₉₆	2004 08 18.0	21 50.86 -05 58.7 19.4	-0.73 - 4.2	2.1/20.2	66099	2002 CO ₂₁₀	2004 08 18.4	21 52.17 -16 08.9 20.5	-0.79 - 4.8	1.0/17.5	66270
2000 TL ₁₃	2004 08 18.1	21 50.90 -18 34.5 19.5	-0.87 - 3.8	1.8/16.6	66162	2002 CU ₂₀	2004 08 18.4	21 52.20 -19 58.6 18.9	-0.76 - 7.0	2.1/16.2	66266
2000 SY ₁₉₃	2004 08 18.1	21 50.90 -17 47.0 19.2	-0.90 - 3.3	2.0/16.8	66156	2000 QD ₁₈₄	2004 08 18.4	21 52.26 -16 20.6 18.3	-0.98 - 2.9	1.4/17.6	66140
2004 NM ₁₀	2004 08 18.1	21 50.90 -11 02.0 16.9	-0.96 + 5.6	1.0/18.5	65893	1997 SL ₁₈	2004 08 18.4	21 52.27 -17 19.1 19.8	-1.07 - 3.0	1.7/17.4	66062
2004 PA ₁	2004 08 18.1	21 50.95 -11 21.2 18.5	-0.87 - 2.2	0.7/18.6	65931	2001 CV ₃₉	2004 08 18.4	21 52.32 -30 14.3 17.0	-0.89 - 6.3	7.1/12.6	48009
2002 CJ ₉₀	2004 08 18.1	21 50.96 -17 39.2 18.7	-0.83 - 3.0	1.6/16.9	66267	1999 VX ₁₉₉	2004 08 18.4	21 52.34 -33 26.4 18.5	-0.79 - 9.8	7.5/10.6	18219
2001 UC ₆₇	2004 08 18.1	21 51.03 -06 33.6 18.6	-0.69 - 6.4	3.6/20.3	65106	2002 CY ₈₄	2004 08 18.5	21 52.29 -15 01.0 20.3	-0.89 - 5.1	0.7/17.9	48202
2001 VC ₄₇	2004 08 18.1	21 51.03 +04 05.0 19.0	-0.92 - 2.5	5.6/22.7	66238	2001 YX ₉₉	2004 08 18.5	21 52.31 -12 12.1 20.1	-0.96 - 5.5	0.3/18.7	23336
2001 XW ₁₈₅	2004 08 18.1	21 51.07 -09 54.4 18.3	-0.91 - 5.1	1.5/19.0	65227	2003 ER ₅	2004 08 18.5	21 52.32 -09 52.0 20.2	-0.93 - 6.4	1.1/19.4	50748
3132 T-3	2004 08 18.1	21 51.11 -38 09.2 18.8	-0.99 - 1.0	8.4/11.0	2595	1997 SH ₁	2004 08 18.5	21 52.35 -17 02.8 18.4	-0.95 - 7.3	1.7/17.3	66061
2004 PA ₇₃	2004 08 18.1	21 51.23 -16 33.7 18.8	-1.08 + 0.1	1.7/17.4	65970	2001 YS ₇	2004 08 18.5	21 52.35 -20 51.9 19.0	-1.04 - 2.9	3.4/16.4	65244
2001 TL ₄₄	2004 08 18.1	21 51.24 -19 09.7 18.9	-1.03 - 3.6	2.4/16.6	66219	2002 CE ₁₄₀	2004 08 18.5	21 52.40 -05 57.1 19.2	-0.71 - 5.9	2.0/20.7	66269
1996 RA ₁₀	2004 08 18.2	21 51.17 -15 58.5 20.1	-0.91 - 4.4	1.2/17.4	46329	2002 CC ₂₆₅	2004 08 18.5	21 52.41 -12 41.3 21.5	-0.81 - 3.1	0.1/18.6	48212
2001 YO ₇₄	2004 08 18.2	21 51.19 +04 51.3 18.8	-0.92 - 1.4	5.9/22.9	65254	2003 BY ₁₄	2004 08 18.5	21 52.42 -17 47.1 19.9	-0.98 - 5.5	1.9/17.2	66303
2001 UF ₁₆₈	2004 08 18.2	21 51.23 -18 00.4 18.2	-1.18 0.0	2.3/17.1	65124	2000 RV ₇₂	2004 08 18.5	21 52.45 -21 59.7 19.1	-1.03 - 1.8	3.3/16.2	66145
2001 YU ₆₇	2004 08 18.2	21 51.25 -30 06.6 20.6	-0.92 - 6.3	5.4/12.8	50583	2002 GY ₁₇₀	2004 08 18.5	21 52.48 +03 16.4 18.6	-0.73 - 4.3	4.8/23.5	66277
2003 EO ₂₀	2004 08 18.2	21 51.32 -09 00.7 20.2	-0.93 - 7.1	1.5/19.4	50749	2001 VM ₄₆	2004 08 18.5	21 52.49 -29 34.2 19.6	-0.93 - 5.3	5.2/13.4	46886
2000 QP ₁₄	2004 08 18.2	21 51.33 -15 18.8 18.1	-0.88 - 5.8	1.0/17.6	66133	1999 RL ₂₃₉	2004 08 18.5	21 52.50 -22 19.5 19.6	-1.05 + 0.7	2.8/16.4	18212
2000 QZ ₂₂₅	2004 08 18.2	21 51.33 +02 52.7 18.4	-0.98 + 2.5	7.6/21.4	64786	2003 FW	2004 08 18.5	21 52.50 -46 25.5 20.6	-1.20 - 5.1	10.3/07.7	48340
1999 TP ₂₁	2004 08 18.2	21 51.35 -37 11.5 18.9	-0.94 - 3.2	8.2/10.5	40380	2002 CX ₁₈	2004 08 18.5	21 52.53 -32 37.5 19.3	-0.92 - 1.3	5.3/13.2	30639
2001 XS ₁₃₆	2004 08 18.2	21 51.36 -07 25.5 19.4	-0.89 - 4.6	2.1/19.8	66251	2000 WR ₁₃₂	2004 08 18.5	21 52.56 -34 35.9 18.9	-1.14 - 0.5	8.4/12.7	64887
1999 VG ₁₃₃	2004 08 18.2	21 51.39 +13 44.2 19.5	-0.69 - 4.9	8.0/27.6	66100	2001 SH ₂₂₇	2004 08 18.5	21 52.58 -10 19.0 20.0	-0.97 - 6.3	1.0/19.3	66213
1999 CN ₁	2004 08 18.2	21 51.41 -21 22.7 18.0	-1.10 - 2.6	3.4/16.1	66081	2002 BD ₁₆	2004 08 18.5	21 52.59 -08 58.4 20.0	-0.85 - 4.9	1.3/19.7	66264
2001 XH ₂₃₀	2004 08 18.2	21 51.44 -31 07.8 20.3	-1.01 - 6.3	7.3/12.5	30588	2000 QZ ₁₆₆	2004 08 18.5	21 52.63 -06 03.9 18.8	-0.89 - 5.5	2.7/20.5	64778
2001 XX ₁₈₇	2004 08 18.2	21 51.56 -25 16.0 21.2	-0.87 - 7.6	4.0/14.3	26085	2003 FB ₁₁₁	2004 08 18.5	21 52.68 -34 40.2 18.8	-1.12 - 0.4	8.9/13.3	65483
2001 TG ₂₂₀	2004 08 18.2	21 51.57 -05 01.1 19.5	-0.99 - 4.2	3.1/20.4	50566	2000 QE ₁₃₅	2004 08 18.5	21 52.70 -21 36.4 18.8	-1.23 + 1.9	3.2/16.9	66138
2000 GV ₆₈	2004 08 18.2	21 51.59 -62 13.1 17.4	-1.72 + 9.1	25.0/04.4	62291	2004 PX ₉₇	2004 08 18.5	21 52.71 -28 55.0 17.9	-0.81 - 5.6	5.1/13.4	65976
2003 AZ ₂₂	2004 08 18.2	21 51.62 -01 25.2 18.8	-1.21 + 0.6	4.2/20.8	65416	2001 UD ₁₃₁	2004 08 18.5	21 52.72 -22 08.9 20.5	-0.98 - 4.6	3.2/16.0	46828
2003 FZ ₈	2004 08 18.3	21 51.54 -11 32.3 18.4	-1.04 + 1.9	0.5/18.6	65470	2000 XD ₁₆	2004 08 18.6	21 52.67 -20 00.0 18.9	-1.04 - 0.5	2.6/16.9	64892
2001 TZ ₃₀	2004 08 18.3	21 51.56 -09 18.5 19.0	-1.07 - 2.3	1.6/19.2	66219	2000 GN ₁₅₄	2004 08 18.6	21 52.68 +02 22.2 19.1	-0.94 - 5.8	6.7/23.3	66120
2000 QU ₁₁₃	2004 08 18.3	21 51.61 -16 17.8 19.1	-0.98 - 3.1	1.4/17.4	64769	2001 TQ ₅₁	2004 08 18.6	21 52.72 -19 15.7 19.2	-1.08 - 5.6	2.8/16.8	30477
2002 AN ₁₀₃	2004 08 18.3	21 51.67 -15 31.7 20.6	-0.77 - 3.4	0.7/17.6	30615	2003 EZ ₄₉	2004 08 18.6	21 52.74 -34 31.4 19.1	-0.97 - 6.0	8.0/11.9	66307
1997 TX ₇	2004 08 18.3	21 51.72 -11 03.1 18.9	-0.93 - 6.3	0.8/18.9	66062	2004 PJ ₇₃	2004 08 18.6	21 52.79 -14 16.0 18.9	-1.17 + 1.8	0.6/18.4	65970
2002 AZ ₁₀₀	2004 08 18.3	21 51.75 -18 54.3 19.7	-0.94 - 5.0	2.3/16.6	48189	2000 QA ₁₅₂	2004 08 18.6	21 52.80 +01 10.3 18.9	-0.73 - 9.6	5.6/23.6	66138
2001 UH ₅₃	2004 08 18.3	21 51.76 -30 26.2 20.0	-0.92 - 5.2	5.0/13.1	50568	2003 ES ₁₈	2004 08 18.6	21 52.80 -12 07.2 20.2	-0.95 - 4.9	0.3/18.8	56745
2002 CY ₂₃₆	2004 08 18.3	21 51.83 -07 08.4 18.8	-0.68 - 7.6	1.6/20.3	66271	2002 CD ₂₈	2004 08 18.6	21 52.83 -15 17.7 18.8	-0.89 - 0.7	0.7/18.0	65305
2001 UP ₉₀	2004 08 18.3	21 51.92 -14 03.0 20.1	-0.94 - 5.8	0.4/18.1	66231	2003 HE ₄₅	2004 08 18.6	21 52.84 -22 37.4 19.3	-0.79 - 3.8	3.1/15.8	66312
2001 XU ₁₅₁	2004 08 18.3	21 51.95 -15 32.3 19.4	-1.10 - 3.1	1.1/17.7	30580	2000 RL ₁₀₃	2004 08 18.6	21 52.85 -01 17.9 17.7	-1.03 + 4.1	5.6/20.8	64807
2001 XL ₂₁₆	2004 08 18.3	21 51.96 -01 24.6 18.6	-0.92 - 2.0	5.5/21.4	65233	2004 NM ₃₁	2004 08 18.6	21 52.86 -30 21.2 17.7	-0.78 -10.1	8.3/12.2	66394
2000 SF ₁₄₁	2004 08 18.3	21 51.97 -14 10.1 18.4	-0.94 - 1.5	0.6/18.1	64834	2001 XH ₁₁₇	2004 08 18.6	21 52.87 -12 23.1 18.1	-1.04 + 0.6	0.2/18.8	65212
2001 UY ₁₁₀	2004 08 18.3	21 51.97 -07 09.0 19.3	-0.96 - 5.1	2.4/20.0	66232	2004 PY ₆₇	2004 08 18.6	21 52.87 -04 19.2 18.3	-0.71 -10.1	3.3/21.7	65967
1997 PF ₁	2004 08 18.4	21 51.91 -09 34.3 17.1	-0.98 - 1.8	1.6/19.2	66061	2002 CV ₇₆	2004 08 18.6	21 52.87 -13 05.9 19.0	-0.89 - 1.2	0.1/18.6	65311
2002 CK ₇₉	2004 08 18.4	21 51.97 -14 51.1 18.8	-0.90 - 1.7	0.7/17.9	66267	2001 TC ₂₃	2004 08 18.6	21 52.91 -08 44.9 18.9	-0.74 - 7.2	2.2/20.0	65049
1999 TH ₂₂₅	2004 08 18.4	21 51.98 -19 50.6 19.3	-0.85 - 2.1	2.0/16.6	66096	1999 JH ₅	2004 08 18.6	21 52.96 -59 13.6 20.9	-1.51 - 1.2	12.9/04.1	50407
2000 UF ₉₀	2004 08 18.4	21 52.01 -16 44.0 18.4	-0.80 - 7.1	1.4/17.2	66166	2001 WY ₁₀₁	2004 08 18.6	21 52.99 -09 42.1 19.7	-0.94 - 5.2	1.3/19.6	65179
2001 UV ₁₁₀	2004 08 18.4	21 52.03 -17 52.9 20.5	-0.99 - 4.6	1.8/17.1	50570	2004 PO ₁₀₄	2004 08 18.6	21 52.99 -47 32.1 18.8	-0.92 - 6.3	10.9/05.1	65979

2003 EG ₄₈	2004 08 18.6	21 53.02 +06 25.3 20.9	-0.88	- 5.7	6.6/24.7	50752	2001 XC ₂₉	2004 08 18.8	21 53.65 -27 18.2 19.4	-0.88	- 8.0	4.3/14.1	50577
2001 XY ₃₉	2004 08 18.6	21 53.02 +21 16.0 20.5	-0.90	- 0.6	8.4/28.8	26068	2003 EJ ₂₃	2004 08 18.8	21 53.66 -18 26.6 20.7	-0.98	- 5.3	2.0/17.3	47342
2002 AV ₂₀	2004 08 18.6	21 53.04 -17 36.4 19.6	-0.98	- 6.5	2.1/17.3	65272	1999 VP ₉₁	2004 08 18.8	21 53.70 -04 01.4 19.3	-0.72	- 4.9	2.6/21.5	66099
1997 SY ₁₇	2004 08 18.6	21 53.06 -11 15.3 20.2	-0.96	- 6.3	0.7/19.1	66062	1998 FG ₆	2004 08 18.8	21 53.72 -16 45.6 20.1	-0.86	- 4.8	1.3/17.7	62222
2004 QP ₂	2004 08 18.6	21 53.06 -14 57.0 19.7	-0.80	- 3.6	0.7/18.1	65980	1991 VP ₅	2004 08 18.8	21 53.75 -66 49.7 19.1	-1.85	- 0.9	14.3/02.0	30242
2003 AT ₂	2004 08 18.6	21 53.07 -30 51.8 17.6	-1.89	+12.3	10.1/17.3	66300	1999 SS	2004 08 18.8	21 53.75 -01 10.9 19.4	-0.70	- 7.0	3.7/22.7	33091
2003 FR ₁₁₅	2004 08 18.6	21 53.08 -12 42.5 18.7	-0.78	- 8.9	0.0/18.7	65483	2002 ET ₃₄	2004 08 18.8	21 53.77 -11 34.2 18.7	-0.80	- 8.3	0.4/19.3	66273
2003 GT ₄₆	2004 08 18.7	21 53.04 -11 30.3 19.5	-0.82	- 7.7	0.5/19.1	66311	2000 UV ₇₈	2004 08 18.8	21 53.77 -28 49.6 18.9	-0.84	- 4.3	4.8/14.0	66166
2000 RN ₉₀	2004 08 18.7	21 53.06 -12 04.4 18.2	-1.02	+ 1.0	0.3/18.9	64803	2002 CS ₁₀₄	2004 08 18.8	21 53.78 -11 03.3 19.7	-0.84	- 8.9	0.5/19.4	30659
2001 YU ₇₃	2004 08 18.7	21 53.06 -30 34.9 20.1	-0.91	- 6.5	5.6/13.0	27793	2000 EE ₁₆₅	2004 08 18.8	21 53.82 -18 54.3 18.6	-1.10	- 1.6	2.9/17.4	66114
2000 RR ₈₉	2004 08 18.7	21 53.08 -07 46.8 18.9	-0.97	- 1.6	2.1/20.0	66146	2003 FS ₆₀	2004 08 18.9	21 53.79 -15 52.8 20.2	-0.96	- 7.0	1.2/18.0	50755
2000 QS ₂₀	2004 08 18.7	21 53.10 -14 44.0 18.1	-0.93	- 3.8	0.7/18.2	66133	2001 XM ₂₀₈	2004 08 18.9	21 53.82 -02 23.4 18.7	-0.88	- 4.9	4.9/21.9	65231
2001 XY ₁₀₈	2004 08 18.7	21 53.11 -31 25.5 21.5	-0.95	- 5.8	5.6/12.9	30576	2000 WV ₇₆	2004 08 18.9	21 53.82 -35 46.6 19.9	-0.95	- 3.2	7.0/11.9	9875
2003 EB ₃₅	2004 08 18.7	21 53.12 -07 24.2 19.2	-0.89	- 4.4	1.9/20.3	66307	1999 TU ₁₁₅	2004 08 18.9	21 53.93 +00 43.4 18.7	-0.72	- 5.3	4.5/23.2	66093
2000 SS ₁₀₄	2004 08 18.7	21 53.12 +02 01.3 19.3	-0.77	- 7.9	5.8/23.6	66152	2004 PO ₂₇	2004 08 18.9	21 54.00 -24 57.5 18.8	-0.87	- 1.5	4.7/15.7	65950
2003 DV ₈	2004 08 18.7	21 53.16 -17 03.4 18.9	-0.94	- 5.3	1.6/17.5	66305	2003 DN ₁₇	2004 08 18.9	21 54.00 -08 03.2 19.7	-0.89	- 6.9	1.8/20.4	65452
2000 LA ₂₅	2004 08 18.7	21 53.16 +03 05.5 17.8	-0.57	-15.9	7.2/25.5	66128	2002 AM ₁₇₄	2004 08 18.9	21 54.10 -15 54.8 20.5	-0.91	- 4.2	1.1/18.1	48193
2000 TU ₆₃	2004 08 18.7	21 53.18 -13 41.4 18.8	-0.91	- 1.8	0.4/18.5	64865	2004 PL ₅₈	2004 08 18.9	21 54.12 -08 34.6 17.7	-0.94	+ 0.7	2.3/19.9	65964
2001 VU ₃₀	2004 08 18.7	21 53.19 -14 23.6 19.4	-0.98	- 4.2	0.6/18.3	66237	1997 NT ₅	2004 08 18.9	21 54.14 -07 19.4 19.3	-0.98	- 4.3	2.6/20.5	64647
2000 QP ₂₁₁	2004 08 18.7	21 53.20 -10 41.0 19.5	-0.82	- 7.7	0.9/19.4	64784	2003 GB ₃₆	2004 08 18.9	21 54.16 -34 16.5 19.3	-0.91	- 6.7	7.9/11.9	66311
2001 YH ₁₄₁	2004 08 18.7	21 53.21 -07 36.6 18.8	-0.86	- 9.1	2.4/20.4	65268	1996 YR ₂	2004 08 18.9	21 54.21 -08 26.6 18.7	-0.89	- 2.2	1.4/20.1	66059
2000 SH ₂₈₇	2004 08 18.7	21 53.29 +02 04.3 17.7	-0.92	+ 1.4	6.8/22.2	64850	2002 EG ₃₉	2004 08 19.0	21 54.15 -11 50.2 21.0	-0.73	- 4.1	0.2/19.3	66273
1995 WB ₁₅	2004 08 18.7	21 53.29 -20 14.9 20.4	-0.85	- 3.4	2.3/16.7	50374	2001 SL ₂₄₉	2004 08 19.0	21 54.17 -10 56.6 20.2	-0.94	- 6.3	0.7/19.5	46674
2001 UK ₇	2004 08 18.7	21 53.30 -08 25.6 19.5	-1.08	- 1.7	1.8/19.8	66228	2002 AF ₅₅	2004 08 19.0	21 54.25 -12 10.4 18.7	-0.92	- 7.5	0.3/19.2	65279
2002 CD ₅₄	2004 08 18.7	21 53.30 -12 28.1 19.1	-0.98	- 0.8	0.1/18.8	66266	2000 SA ₉₅	2004 08 19.0	21 54.25 -05 32.1 18.8	-0.79	- 3.3	3.5/21.1	64825
2001 UQ ₇₇	2004 08 18.7	21 53.34 -19 40.9 20.7	-1.04	- 5.1	2.8/16.8	23867	2002 CK ₁₁₆	2004 08 19.0	21 54.27 -12 29.9 19.1	-0.81	- 3.9	0.1/19.1	65316
2000 QQ ₂₂₄	2004 08 18.7	21 53.34 -18 31.2 18.8	-0.91	- 4.7	2.2/17.1	66141	2004 PW ₁₂	2004 08 19.0	21 54.35 -15 30.3 19.0	-0.94	- 1.2	1.5/18.4	65942
1999 TB ₁₁₅	2004 08 18.7	21 53.35 -11 44.5 18.9	-0.84	- 2.1	0.4/19.1	64677	2000 LE ₁₆	2004 08 19.0	21 54.36 +30 40.3 18.3	-1.12	+ 1.0	17.5/04.5	64739
2001 BS ₈₀	2004 08 18.7	21 53.37 -15 10.5 19.1	-0.71	- 8.1	0.7/18.0	66182	1999 JN ₁₃₇	2004 08 19.0	21 54.39 -09 38.0 19.4	-0.82	- 7.1	1.1/20.0	66086
1981 EV ₃₇	2004 08 18.7	21 53.38 -02 00.9 19.4	-0.90	- 6.1	4.2/22.0	66048	2000 KU ₆₀	2004 08 19.0	21 54.43 -12 55.5 19.6	-0.96	- 7.0	0.1/19.0	66127
2004 PK ₃₁	2004 08 18.7	21 53.39 -12 15.2 17.5	-0.93	+ 0.5	0.3/18.9	65952	1998 FB ₁₀₇	2004 08 19.0	21 54.46 +09 45.4 19.4	-0.81	- 5.5	7.6/26.2	66067
2004 QQ ₂	2004 08 18.7	21 53.39 -15 08.8 19.5	-0.89	- 9.0	1.0/18.0	65980	1999 TW ₃₁₇	2004 08 19.0	21 54.47 -20 25.4 19.8	-0.87	- 1.9	2.4/17.0	66097
2004 OO ₁₁	2004 08 18.7	21 53.40 -29 44.1 19.3	-0.95	- 0.3	6.0/14.5	65928	2002 BJ ₂₁	2004 08 19.0	21 54.55 -61 39.0 19.7	-1.45	+ 0.7	13.0/02.1	66265
2003 AL ₈₈	2004 08 18.7	21 53.42 -07 55.2 19.6	-0.98	- 4.5	1.8/20.1	50736	2001 WK ₂₈	2004 08 19.0	21 54.56 -27 17.3 18.8	-1.02	- 6.7	5.3/14.6	30555
2001 VO ₁₀₆	2004 08 18.7	21 53.45 -25 45.4 18.6	-1.04	- 2.4	6.0/15.4	65155	2000 RV ₂₉	2004 08 19.0	21 54.57 -08 28.1 18.5	-0.91	- 2.1	1.4/20.2	66143
2001 XJ ₂₃₄	2004 08 18.7	21 53.45 -14 49.6 21.0	-1.01	- 4.5	0.8/18.2	23291	2000 TU ₁₄	2004 08 19.1	21 54.54 -14 29.9 19.3	-0.87	- 3.7	0.7/18.6	66162
2000 UG ₂₂	2004 08 18.8	21 53.39 -23 40.6 19.5	-0.90	- 4.9	4.0/15.5	66164	2001 TM ₁₈	2004 08 19.1	21 54.57 -16 56.9 18.6	-1.00	- 4.8	1.6/17.9	66218
2003 FQ ₅₂	2004 08 18.8	21 53.43 -22 01.7 19.0	-0.96	- 6.6	3.5/16.0	66309	2003 DZ ₁₀	2004 08 19.1	21 54.58 -36 40.7 19.4	-0.86	- 7.1	7.1/11.1	50746
2000 UV ₇₃	2004 08 18.8	21 53.44 +07 09.2 19.3	-0.79	- 4.5	7.9/24.9	66166	2002 AU ₁₇₂	2004 08 19.1	21 54.58 -20 41.8 19.2	-0.89	- 6.4	3.0/16.7	65292
2000 FJ ₁₆	2004 08 18.8	21 53.45 -16 26.7 18.3	-0.94	- 8.0	1.6/17.7	66115	2004 PA ₂₆	2004 08 19.1	21 54.59 -13 59.6 18.7	-0.70	- 9.1	0.6/18.7	65949
2003 DP ₁₅	2004 08 18.8	21 53.46 -17 08.9 18.3	-1.07	- 1.3	1.9/17.8	65452	1998 YQ ₂₀	2004 08 19.1	21 54.60 -19 18.7 20.4	-0.97	- 5.9	2.4/17.2	46350
2001 TH ₁₃₀	2004 08 18.8	21 53.49 -02 25.3 21.0	-0.92	- 6.3	4.0/21.9	46752	1997 WX ₂₇	2004 08 19.1	21 54.65 -20 23.8 21.6	-1.00	- 4.6	2.9/17.0	34700
2000 SW ₂₈₈	2004 08 18.8	21 53.49 +02 20.2 19.2	-0.80	- 5.3	6.1/23.5	66159	2000 VE ₄₈	2004 08 19.1	21 54.68 -12 39.9 19.3	-0.78	- 3.8	0.0/19.2	66169
2002 AR ₁₆₀	2004 08 18.8	21 53.50 -08 05.5 20.4	-0.86	- 4.4	1.6/20.2	27418	2000 WJ ₁₂₉	2004 08 19.1	21 54.72 -12 04.3 19.4	-0.83	- 4.1	0.2/19.3	66173
2002 CC ₂₆₃	2004 08 18.8	21 53.52 -30 35.5 19.3	-0.79	- 5.5	4.6/13.1	30692	2001 XY ₁₁₇	2004 08 19.1	21 54.82 -33 26.3 20.5	-0.91	- 7.2	6.6/12.2	50579
1999 TE ₂₆₇	2004 08 18.8	21 53.56 +07 21.5 19.0	-0.73	- 4.1	7.2/25.3	46383	2000 VH ₅₆	2004 08 19.1	21 54.84 -10 53.4 18.6	-0.86	- 3.2	0.7/19.7	66169
2002 AQ ₄	2004 08 18.8	21 53.57 -33 46.0 20.2	-1.09	-13.9	7.4/10.9	35569	1999 VA ₂₁₀	2004 08 19.1	21 54.86 -14 13.8 20.2	-0.81	- 4.5	0.6/18.7	64693
2002 CV ₈₄	2004 08 18.8	21 53.57 -28 08.8 20.0	-0.82	- 4.6	4.8/14.1	47175	2000 SC ₉₉	2004 08 19.1	21 54.89 -09 20.9 19.0	-0.85	- 3.4	1.5/20.1	64826
2001 XG ₆₃	2004 08 18.8	21 53.58 -09 46.1 18.2	-0.87	- 5.9	1.4/19.7	66247	2003 GH ₃₇	2004 08 19.1	21 54.92 -01 16.5 19.5	-0.86	- 6.9	4.6/22.7	66311
2001 WU ₉	2004 08 18.8	21 53.60 -05 04.7 20.1	-0.90	- 6.3	2.7/21.1	65164	2002 AH ₁₂₅	2004 08 19.1	21 54.92 -15 16.0 20.1	-0.69	- 5.9	0.6/18.4	30618
2002 CH ₆₉	2004 08 18.8	21 53.62 -13 44.0 18.9	-0.90	- 2.5	0.3/18.6	66267	2004 NY ₂₃	2004 08 19.1	21 54.93 -13 36.3 18.2	-0.75	-20.3	0.4/18.8	65908

2000 QS ₅₁	2004 08 19.1	21 54.96	-14 11.1	18.4	-0.97	- 0.6	0.7/18.8	66134	2001 SV ₂₃₉	2004 08 19.4	21 55.76	-28 00.5	19.1	-1.09	- 5.0	6.5/14.9	48106
2004 PP ₁₂	2004 08 19.2	21 54.89	-16 56.4	18.2	-0.73	-11.0	1.8/17.7	65941	1999 TJ ₂₉₄	2004 08 19.4	21 55.78	-03 45.6	20.1	-0.70	- 6.6	2.6/22.3	66097
2003 EC ₃₄	2004 08 19.2	21 54.91	-13 04.1	18.7	-0.81	- 6.1	0.2/19.1	66307	2002 CA ₁₃₂	2004 08 19.4	21 55.79	-07 24.8	19.2	-0.72	- 4.0	1.5/21.0	66269
2000 RK ₈₁	2004 08 19.2	21 54.94	+11 16.5	18.2	-0.83	- 4.3	9.5/26.6	66146	2004 PR ₁₂	2004 08 19.4	21 55.84	-13 15.6	18.9	-0.73	- 5.5	0.2/19.2	65942
1981 ED ₄₅	2004 08 19.2	21 54.99	-11 28.9	19.7	-1.02	- 2.8	0.5/19.5	66048	2003 GF ₃₇	2004 08 19.4	21 55.86	-17 53.7	19.3	-0.82	- 9.6	1.8/17.7	66311
2002 AT ₈₉	2004 08 19.2	21 55.03	-05 09.5	19.6	-0.94	- 3.5	2.7/21.2	65283	2000 SK ₅₉	2004 08 19.4	21 55.88	-21 26.2	18.7	-1.04	- 1.4	3.2/17.2	66150
2002 CO ₆₈	2004 08 19.2	21 55.03	-17 14.9	18.3	-0.81	- 6.3	1.7/17.8	66267	2000 YK ₆₁	2004 08 19.4	21 55.95	-10 03.8	19.5	-0.80	- 4.6	0.8/20.2	66179
2004 OM ₁₁	2004 08 19.2	21 55.05	-34 12.1	18.1	-0.82	- 8.7	8.9/11.1	65928	2002 CV ₂₀₉	2004 08 19.4	21 55.98	-15 36.2	18.9	-0.81	- 3.9	1.0/18.6	66270
2002 AZ ₉	2004 08 19.2	21 55.06	-09 26.6	16.5	-1.09	+ 2.0	1.6/19.9	65270	1999 TK ₁₆₅	2004 08 19.4	21 55.99	-16 23.6	18.8	-0.88	- 1.0	1.3/18.5	66094
2000 SW ₃₀₈	2004 08 19.2	21 55.08	-01 34.8	19.4	-0.87	- 2.5	4.1/22.2	47967	2001 VN ₁₀₃	2004 08 19.4	21 56.01	-12 22.9	19.7	-0.97	- 4.3	0.1/19.5	66241
2001 WN ₂₈	2004 08 19.2	21 55.09	-25 53.6	21.0	-0.87	- 4.9	3.8/15.3	50575	1994 PQ ₂₀	2004 08 19.4	21 56.02	-16 26.6	18.5	-1.10	+ 2.1	2.0/18.7	66052
1999 RP ₂₅	2004 08 19.2	21 55.10	-33 43.4	19.7	-1.08	- 0.9	5.7/13.5	66088	2002 AM ₂₄	2004 08 19.4	21 56.04	-11 30.7	19.0	-0.92	- 6.9	0.5/19.8	65273
2001 VE ₆₇	2004 08 19.2	21 55.12	-25 58.0	18.4	-1.04	- 3.4	6.2/15.5	66239	2002 CA ₁₆	2004 08 19.4	21 56.06	-12 39.4	20.6	-0.74	- 4.2	0.0/19.5	30638
6840 P-L	2004 08 19.2	21 55.13	-16 08.0	19.0	-0.87	- 5.8	1.5/18.2	66423	2001 XM ₇₄	2004 08 19.4	21 56.08	-10 18.2	20.9	-0.96	- 6.0	0.9/20.2	48164
2001 XS ₁₃	2004 08 19.2	21 55.13	-23 49.3	17.5	-1.04	- 1.3	5.2/16.5	66245	1999 CZ ₄₆	2004 08 19.5	21 56.01	-17 22.9	19.2	-0.98	- 4.7	1.7/18.2	66082
1999 RA ₂₉	2004 08 19.2	21 55.14	-40 36.6	17.9	-2.10	+10.6	14.7/16.5	66088	2001 YM ₆₇	2004 08 19.5	21 56.03	-19 06.0	20.1	-0.91	- 4.6	2.1/17.6	30596
2000 UZ ₉₀	2004 08 19.2	21 55.15	-10 52.4	18.6	-0.86	- 4.0	0.7/19.8	66166	2000 SV ₃₀₄	2004 08 19.5	21 56.03	-28 06.7	18.0	-1.15	+ 1.1	6.6/15.9	13777
2002 CK ₆₄	2004 08 19.2	21 55.18	-28 26.8	18.0	-1.19	- 0.4	5.9/15.4	30649	2001 TF ₄₀	2004 08 19.5	21 56.04	-20 49.7	18.3	-1.08	- 2.2	3.3/17.4	66219
2001 YW ₄₉	2004 08 19.2	21 55.22	-16 07.7	18.9	-0.95	- 4.0	1.7/18.3	66255	2001 WX ₃₅	2004 08 19.5	21 56.05	-14 15.3	19.4	-0.97	- 6.4	0.6/19.0	66243
2004 PR ₉₉	2004 08 19.2	21 55.25	-20 16.1	18.6	-0.82	- 5.3	3.0/17.0	65977	2000 SD ₁₆₃	2004 08 19.5	21 56.05	-15 57.9	18.4	-0.90	- 2.9	1.3/18.6	66154
2001 XU ₁₈₁	2004 08 19.2	21 55.28	-09 06.6	18.5	-0.88	- 5.1	1.7/20.3	66252	2000 SW ₆₃	2004 08 19.5	21 56.11	-10 45.8	18.5	-0.79	- 4.0	0.9/20.1	64820
2000 SW ₃₇	2004 08 19.2	21 55.29	-24 16.7	18.0	-0.76	- 3.9	5.8/15.7	64815	2002 BB ₂	2004 08 19.5	21 56.16	-08 38.5	19.0	-0.73	- 6.6	1.2/20.8	66264
2001 UW ₆₄	2004 08 19.3	21 55.25	-11 10.8	17.7	-1.00	- 2.8	0.7/19.7	66230	2002 BM ₁₄	2004 08 19.5	21 56.21	-12 24.3	19.8	-0.81	- 8.8	0.1/19.6	66264
2002 EN ₁₃₁	2004 08 19.3	21 55.26	-10 44.2	18.9	-0.95	+ 0.7	0.7/19.7	65336	1996 KN ₂	2004 08 19.5	21 56.25	-11 46.3	18.7	-0.82	- 9.1	0.3/19.8	64645
2001 TY ₁₂₂	2004 08 19.3	21 55.27	-30 36.5	19.1	-1.14	- 3.3	6.6/14.3	30487	2002 CD ₁₀₃	2004 08 19.5	21 56.26	-14 11.2	19.5	-0.73	- 6.7	0.5/19.0	66268
2001 XN ₆₄	2004 08 19.3	21 55.29	-08 34.0	19.5	-0.89	- 4.3	1.3/20.5	65195	2001 WE ₄₃	2004 08 19.5	21 56.30	-23 40.2	19.5	-1.03	- 6.0	4.7/16.3	66244
2002 EK ₉₀	2004 08 19.3	21 55.32	-16 34.4	21.2	-0.75	- 4.3	1.1/18.1	48221	2002 AM ₁₀₂	2004 08 19.5	21 56.30	-14 31.0	19.0	-0.93	- 2.2	0.8/19.1	66261
2002 CY ₁₆₂	2004 08 19.3	21 55.38	-21 28.2	19.6	-0.79	- 4.2	2.6/16.7	66269	2002 AQ ₆₆	2004 08 19.5	21 56.33	-08 27.2	19.9	-0.88	- 5.8	1.3/20.8	30611
2000 KO ₇	2004 08 19.3	21 55.41	-07 58.4	18.7	-0.90	- 6.1	2.1/20.7	64735	2000 SO ₁₉	2004 08 19.5	21 56.38	+07 59.8	19.5	-0.83	- 4.1	8.3/25.7	13739
2000 OS ₂₂	2004 08 19.3	21 55.43	-38 26.4	17.1	-1.25	+ 3.4	12.9/12.7	64747	1999 AJ ₂₂	2004 08 19.5	21 56.38	-25 47.8	19.3	-1.05	- 5.2	5.0/15.7	66080
2000 XX ₂₂	2004 08 19.3	21 55.44	+02 38.9	18.4	-0.81	- 1.1	4.3/23.5	66177	1999 TG ₁₅₇	2004 08 19.5	21 56.39	+05 49.3	20.3	-0.68	- 6.8	5.3/25.9	29135
2003 EX ₄	2004 08 19.3	21 55.44	-18 01.8	20.2	-0.97	- 4.5	1.9/17.8	47322	2000 XJ ₁₄	2004 08 19.6	21 56.37	+09 23.0	18.4	-1.12	+ 8.9	11.4/22.0	64892
2003 FV ₆₂	2004 08 19.3	21 55.45	-07 56.6	20.5	-0.89	- 7.7	1.7/20.8	66309	2001 YG ₂	2004 08 19.6	21 56.38	-15 57.8	19.2	-1.03	-11.0	1.6/18.5	65242
2001 TE ₅₂	2004 08 19.3	21 55.47	-32 10.7	18.7	-1.13	- 5.2	7.9/13.4	66220	2002 AW ₁₆₁	2004 08 19.6	21 56.41	-07 43.1	19.8	-0.96	- 2.8	1.8/20.9	65291
2001 UW ₄₈	2004 08 19.3	21 55.50	-24 07.7	18.6	-0.98	- 7.3	4.9/15.7	66229	1999 RO ₂₀₂	2004 08 19.6	21 56.42	-14 16.4	18.0	-0.96	+ 0.9	0.6/19.2	64669
1995 WF ₁₅	2004 08 19.3	21 55.56	-10 02.4	19.6	-1.01	- 5.5	1.2/20.1	66056	2004 LJ ₁₆	2004 08 19.6	21 56.49	-27 13.8	16.8	-0.73	-23.2	6.4/13.0	65860
2004 LV ₈	2004 08 19.3	21 55.56	-03 19.7	17.7	-1.00	+ 3.5	3.6/21.2	65854	1994 AB ₅	2004 08 19.6	21 56.50	-14 35.6	20.7	-0.90	- 4.8	0.7/19.0	66052
2001 SX ₂₈₀	2004 08 19.3	21 55.58	-07 59.9	18.7	-0.95	- 6.3	2.1/20.7	66216	2000 SR ₅₀	2004 08 19.6	21 56.52	-09 34.1	19.5	-0.88	- 3.4	1.0/20.5	25174
2000 SP ₁₂₉	2004 08 19.3	21 55.60	+11 31.3	18.2	-0.94	+ 1.1	10.6/25.3	66153	2001 UX ₇₇	2004 08 19.6	21 56.55	-08 45.6	19.0	-0.94	- 5.4	1.5/20.7	66231
1999 TV ₆₁	2004 08 19.3	21 55.60	+01 25.9	19.8	-0.70	- 5.7	4.8/24.0	66093	1999 VJ ₁	2004 08 19.6	21 56.55	-00 12.1	19.2	-0.71	- 4.7	3.9/23.5	66098
2001 WE ₆	2004 08 19.3	21 55.62	-09 23.4	20.0	-0.92	- 6.5	1.4/20.3	46924	2002 AY ₄₅	2004 08 19.6	21 56.56	-07 52.5	19.5	-0.89	- 3.8	2.0/20.9	48186
2001 WB ₆₄	2004 08 19.3	21 55.62	-02 34.5	19.0	-0.92	- 4.6	3.8/22.3	66244	2003 GC ₅₂	2004 08 19.6	21 56.56	-20 58.7	19.5	-0.94	- 2.4	3.3/17.4	66311
2001 XJ ₁₁₈	2004 08 19.3	21 55.63	-29 04.9	20.5	-0.89	- 5.9	4.7/14.2	27788	2003 FJ ₁₀	2004 08 19.6	21 56.56	-20 57.4	20.4	-1.09	- 3.7	3.2/17.4	47397
2001 XM ₁₆₇	2004 08 19.3	21 55.63	-10 25.9	18.3	-0.94	- 5.1	1.0/20.0	66251	2000 SN ₁₄₇	2004 08 19.6	21 56.59	-15 27.8	18.8	-0.88	- 3.7	1.1/18.8	66154
2002 CS ₁₃₅	2004 08 19.3	21 55.64	-11 38.2	19.9	-0.87	- 4.4	0.3/19.7	29838	2000 QO	2004 08 19.6	21 56.61	-17 32.7	18.6	-0.93	- 5.0	1.9/18.2	66132
2001 QL ₉₃	2004 08 19.3	21 55.65	-18 56.1	17.9	-1.08	- 2.2	2.9/17.8	66194	1999 VL ₁₄₄	2004 08 19.6	21 56.68	-06 28.5	17.7	-0.77	- 2.4	2.4/21.4	66100
2003 FY ₁₀₁	2004 08 19.3	21 55.66	-14 19.1	20.1	-1.00	- 4.3	0.6/18.9	66310	1999 VG ₁	2004 08 19.6	21 56.75	-15 53.7	18.6	-0.82	- 4.2	1.1/18.7	64686
2004 PD ₇₈	2004 08 19.3	21 55.67	-03 51.6	19.2	-0.85	- 1.4	3.1/21.7	65971	2003 EJ ₂₈	2004 08 19.6	21 56.80	-12 57.9	19.3	-0.88	- 7.8	0.2/19.6	66306
2000 SS ₉₉	2004 08 19.4	21 55.67	-16 00.0	18.5	-0.92	- 0.4	1.6/18.6	66152	2000 YS ₁₂₃	2004 08 19.6	21 56.81	-02 28.1	18.5	-0.94	+ 1.0	3.5/22.0	66180
2003 BZ ₅₄	2004 08 19.4	21 55.68	-14 40.3	19.1	-0.95	- 6.3	0.8/18.8	65437	2277 T-3	2004 08 19.6	21 56.81	-14 39.0	18.8	-1.07	- 3.2	0.9/19.1	66424
2003 GY ₅₀	2004 08 19.4	21 55.70	-24 20.4	19.0	-0.85	- 7.1	4.1/15.7	66311	2001 TP ₃₇	2004 08 19.6	21 56.82	-31 08.4	19.1	-1.01	- 3.0	6.0/14.5	50561

2000 QP ₃	2004 08 19.7	21 56.74	-20 33.0	18.9	-1.12	+ 0.9	3.3/17.9	66133	2001 SB ₂₁₀	2004 08 20.0	21 57.94	-20 40.3	19.1	-1.09	- 3.7	3.4/17.9	66213
2004 PB ₆₈	2004 08 19.7	21 56.75	-03 54.3	18.4	-0.80	- 9.2	4.0/22.6	65967	2002 CQ ₂₃₂	2004 08 20.0	21 57.94	-11 42.2	20.6	-0.80	- 7.4	0.2/20.2	65325
2000 QH ₂₁₄	2004 08 19.7	21 56.76	-16 15.4	18.6	-0.82	- 6.3	1.6/18.5	66141	2004 PJ ₁₈	2004 08 20.0	21 57.94	-06 09.0	19.6	-0.75	- 3.3	2.2/21.8	65946
1996 RX ₁₁	2004 08 19.7	21 56.76	-11 34.5	19.4	-0.83	- 8.1	0.4/20.0	66057	2004 PN	2004 08 20.0	21 57.96	+01 57.6	19.2	-0.91	- 2.7	7.2/24.1	65931
2003 HA ₉	2004 08 19.7	21 56.77	-09 06.9	20.1	-0.83	- 4.4	1.1/20.7	66312	2002 CQ ₉₁	2004 08 20.0	21 57.97	-15 43.2	18.7	-0.72	- 7.7	1.1/18.9	66268
2003 FT ₅₄	2004 08 19.7	21 56.77	-24 20.6	21.1	-0.92	- 5.6	3.8/16.2	47429	2000 QN ₉₁	2004 08 20.0	21 58.00	-13 30.4	17.9	-1.11	- 0.3	0.5/19.8	64765
2000 HQ ₇₆	2004 08 19.7	21 56.84	-18 44.4	19.0	-0.99	- 7.4	2.4/17.8	66123	2004 LY ₂₁	2004 08 20.0	21 58.01	-24 44.3	18.0	-0.81	- 6.2	6.3/16.1	65865
2000 QV ₁₂₅	2004 08 19.7	21 56.85	-11 09.5	18.8	-0.90	- 2.8	0.6/20.1	64772	2002 AK ₁₄₅	2004 08 20.0	21 58.04	-09 54.7	19.8	-0.82	- 5.6	0.9/20.8	66262
2001 VC ₃₂	2004 08 19.7	21 56.89	-15 59.2	18.4	-0.98	- 4.6	1.4/18.8	66237	2000 HA ₈₂	2004 08 20.0	21 58.07	-20 23.4	19.5	-1.02	- 4.7	3.4/17.8	66123
2000 WZ ₁₃₁	2004 08 19.7	21 56.92	-17 01.9	20.2	-0.81	- 4.8	1.5/18.4	66173	1999 VD ₁₁₄	2004 08 20.0	21 58.21	-04 18.4	18.7	-0.82	- 2.0	3.1/22.0	66100
2000 WA ₄₃	2004 08 19.7	21 57.03	-28 23.0	18.4	-0.84	- 6.2	6.2/14.5	66170	2000 XB ₂₆	2004 08 20.0	21 58.23	-13 20.5	18.9	-0.82	- 1.4	0.3/19.8	66177
2002 CR ₂₄₆	2004 08 19.7	21 57.04	-13 27.7	19.9	-0.85	- 1.5	0.3/19.5	65326	2001 XY ₄₇	2004 08 20.0	21 58.27	-33 04.4	19.4	-1.04	- 4.5	7.2/13.7	30567
2001 XX ₂₆₃	2004 08 19.7	21 57.05	+00 18.7	20.3	-0.94	- 5.1	4.9/23.4	65241	2000 SU ₂₆₁	2004 08 20.1	21 58.22	+05 07.5	17.7	-0.50	-13.4	8.1/27.7	66158
2001 YM ₂₃	2004 08 19.7	21 57.10	-12 04.8	19.5	-0.93	- 4.1	0.2/19.9	66255	1996 TZ ₄₀	2004 08 20.1	21 58.25	-28 53.5	18.0	-1.04	- 1.8	5.4/15.8	66058
2001 SH ₁₁	2004 08 19.7	21 57.11	-09 18.9	19.6	-1.07	- 3.4	1.4/20.6	66205	2002 VV ₉₉	2004 08 20.1	21 58.30	-30 21.8	17.6	-2.13	+11.6	9.6/18.7	43477
2004 PW ₇₄	2004 08 19.7	21 57.12	-06 00.0	18.6	-0.80	- 5.2	2.5/21.7	65970	2004 PE ₇₈	2004 08 20.1	21 58.33	-05 16.9	18.1	-0.65	- 6.7	3.8/22.5	65971
2003 GV ₂₀	2004 08 19.7	21 57.14	-22 11.9	18.9	-1.00	- 1.6	3.1/17.4	47519	2002 JC ₄₀	2004 08 20.1	21 58.41	+04 04.3	19.5	-0.69	- 4.1	4.3/25.3	48233
2000 UQ ₆	2004 08 19.7	21 57.14	-06 51.1	17.5	-0.85	- 4.3	2.4/21.4	66163	1999 TU ₁₀₀	2004 08 20.1	21 58.42	+05 03.7	18.3	-0.66	- 8.7	5.2/26.5	66093
2001 YH ₁₀₆	2004 08 19.7	21 57.15	-21 04.3	19.3	-0.82	- 8.2	2.9/16.9	66257	2002 CW ₁₁₆	2004 08 20.1	21 58.43	+00 07.7	21.1	-0.82	- 4.1	3.6/23.8	30662
2002 CC ₇₇	2004 08 19.7	21 57.16	-13 30.8	19.5	-0.97	- 1.6	0.3/19.5	30652	2001 SR ₇₅	2004 08 20.1	21 58.50	-08 01.0	18.9	-1.05	- 3.0	2.0/21.3	65004
2000 WH ₇₀	2004 08 19.7	21 57.17	-05 18.9	18.5	-0.92	- 1.8	3.0/21.6	64883	2001 XW ₉₅	2004 08 20.1	21 58.51	-26 32.1	19.9	-1.04	- 6.0	5.4/15.8	30574
1999 JU ₂	2004 08 19.8	21 57.12	-24 12.9	19.0	-0.86	- 8.7	4.2/15.9	46359	2001 VV ₅₉	2004 08 20.1	21 58.52	-07 31.3	18.1	-0.99	- 2.7	2.2/21.4	66239
2004 PL ₁₃	2004 08 19.8	21 57.12	-14 47.8	18.5	-0.80	- 7.1	1.1/19.1	65942	2002 BW ₂	2004 08 20.1	21 58.54	-39 17.9	19.3	-1.07	- 3.7	9.6/11.5	66264
2003 GF ₄₇	2004 08 19.8	21 57.13	-15 16.1	21.3	-0.82	- 6.6	0.9/18.9	47534	1999 CN ₃₄	2004 08 20.1	21 58.59	-14 53.4	19.0	-0.95	- 5.1	0.9/19.5	66081
1127 T-2	2004 08 19.8	21 57.17	-17 26.1	19.4	-0.92	- 2.8	1.8/18.5	66423	2000 HF ₄₂	2004 08 20.1	21 58.62	-03 02.8	18.9	-0.89	- 8.0	4.1/23.2	66121
2002 AT ₁₉₇	2004 08 19.8	21 57.19	-27 35.8	18.2	-1.21	+ 1.3	7.0/16.4	65296	2002 CT ₃₃	2004 08 20.1	21 58.63	-22 16.7	20.4	-0.92	- 5.4	3.1/17.2	27829
2004 PM ₉₇	2004 08 19.8	21 57.22	-14 38.8	19.1	-0.85	- 3.7	0.8/19.2	65976	2001 XF ₂₅₃	2004 08 20.1	21 58.64	+03 53.8	19.6	-1.01	0.0	6.4/24.0	65239
2000 ST ₅₂	2004 08 19.8	21 57.24	-12 33.4	19.4	-0.94	- 3.3	0.0/19.8	47944	2001 XS ₁₇₆	2004 08 20.1	21 58.65	-19 07.0	19.8	-0.89	- 5.6	2.2/18.2	65223
2225 P-L	2004 08 19.8	21 57.28	-13 22.1	18.8	-1.04	- 2.3	0.4/19.6	66421	2000 HP ₅₀	2004 08 20.2	21 58.60	-08 08.9	19.0	-0.93	- 6.1	1.8/21.5	66122
2000 RL ₈₈	2004 08 19.8	21 57.30	+10 27.5	19.6	-0.74	-13.0	8.1/29.0	46461	1999 TP ₃₉	2004 08 20.2	21 58.64	+14 13.9	18.5	-0.83	-19.1	12.0/31.9	66092
1999 TK ₁₈₄	2004 08 19.8	21 57.31	+09 34.3	19.8	-0.81	- 1.5	7.0/25.9	66095	2001 QW ₂₃₆	2004 08 20.2	21 58.70	-03 49.8	17.6	-0.50	-14.5	4.7/23.8	64962
1999 RM ₉₅	2004 08 19.8	21 57.35	-34 04.3	17.9	-0.93	- 0.8	5.9/14.0	33820	1993 TE ₂₃	2004 08 20.2	21 58.71	-23 15.1	19.1	-0.98	- 3.7	4.7/17.2	66051
2003 FS ₅₄	2004 08 19.8	21 57.35	-20 04.0	19.3	-0.82	- 6.5	2.6/17.5	66309	1999 TX ₄₇	2004 08 20.2	21 58.72	-20 38.8	18.8	-0.83	- 3.0	2.9/17.9	66092
2004 PR ₂₀	2004 08 19.8	21 57.49	-06 51.9	18.4	-0.72	-11.8	2.1/21.9	65947	2000 UE ₇₃	2004 08 20.2	21 58.73	-27 42.5	19.2	-1.01	- 1.6	7.6/15.8	13793
2001 UW ₁₅₂	2004 08 19.8	21 57.51	-07 59.4	19.4	-0.94	- 5.3	1.8/21.2	66234	2000 UG ₂₁	2004 08 20.2	21 58.84	-07 44.7	19.4	-0.80	- 5.8	1.6/21.7	66164
2002 CZ ₇₃	2004 08 19.8	21 57.53	-15 50.4	19.1	-0.84	- 3.9	1.2/18.9	65310	2000 UK ₅₂	2004 08 20.2	21 58.84	-09 52.8	19.7	-0.74	- 4.7	0.7/21.0	66165
2001 UD ₄	2004 08 19.8	21 57.54	-25 59.2	18.4	-1.01	- 3.8	5.8/16.2	66227	2001 VX ₈₂	2004 08 20.2	21 58.84	-14 15.5	19.1	-1.02	- 4.3	0.8/19.7	66240
1999 TQ ₆₂	2004 08 19.9	21 57.47	-21 28.4	20.1	-0.80	- 3.1	3.1/17.3	64674	1999 TB ₆₁	2004 08 20.2	21 58.85	-11 54.8	20.0	-0.78	- 3.3	0.1/20.4	27642
2000 QA ₇	2004 08 19.9	21 57.50	-16 23.5	19.0	-1.18	+ 5.7	2.0/19.3	64756	2000 SJ ₈₂	2004 08 20.2	21 58.90	-33 37.5	18.5	-1.03	- 0.1	9.2/14.8	66151
2001 TZ ₁₀₉	2004 08 19.9	21 57.50	-20 03.0	19.0	-1.07	- 1.6	3.9/18.0	65070	2000 XL ₂₄	2004 08 20.2	21 59.03	-28 10.4	18.2	-0.92	- 2.4	5.1/15.8	66177
2002 CU ₁₆₄	2004 08 19.9	21 57.50	-20 47.4	19.4	-0.98	- 2.4	3.0/17.7	66269	2000 QZ ₁₇₆	2004 08 20.2	21 59.03	-12 13.4	18.4	-1.06	0.0	0.0/20.3	66139
2000 WD ₁₅₄	2004 08 19.9	21 57.55	-07 10.1	18.5	-0.94	- 1.1	2.1/21.2	66174	2001 YA ₆₆	2004 08 20.3	21 58.99	-10 21.9	20.1	-0.84	- 4.1	0.6/20.9	29743
2001 SU ₂₂₂	2004 08 19.9	21 57.58	-22 35.4	19.6	-1.12	- 3.3	4.1/17.3	66213	2001 SK ₇₂	2004 08 20.3	21 59.06	-24 55.0	18.8	-0.98	- 5.6	4.7/16.5	66208
2000 QF ₉₄	2004 08 19.9	21 57.66	-06 23.7	18.6	-0.95	- 1.8	2.6/21.5	66136	2003 HO ₄₅	2004 08 20.3	21 59.09	-07 56.5	20.5	-0.84	- 5.1	1.4/21.6	50764
2001 VK ₈₈	2004 08 19.9	21 57.67	-07 12.0	19.6	-0.93	- 6.7	1.9/21.5	66240	2001 YW ₇₂	2004 08 20.3	21 59.10	-18 58.4	19.6	-0.90	- 5.7	2.3/18.3	66256
2002 CK ₂₅₁	2004 08 19.9	21 57.78	-27 07.7	19.4	-0.93	- 1.4	4.5/16.1	66271	2002 CD ₄₆	2004 08 20.3	21 59.11	+06 42.6	19.6	-0.75	- 2.8	4.9/26.1	66266
2002 AU ₁₇₅	2004 08 19.9	21 57.81	-19 48.6	18.5	-0.83	- 5.9	2.7/17.7	66264	2002 EP ₂₇	2004 08 20.3	21 59.16	-06 37.4	19.4	-0.72	- 6.8	1.7/22.2	65332
2002 BN ₉	2004 08 19.9	21 57.82	-15 48.1	19.8	-0.87	- 5.6	1.1/19.0	65298	2000 WO ₁₉	2004 08 20.3	21 59.17	-08 17.8	18.5	-0.98	- 0.3	1.8/21.3	66170
2003 CY	2004 08 19.9	21 57.88	-24 07.2	18.5	-1.00	-23.9	5.1/15.2	65443	2000 TV ₃₄	2004 08 20.3	21 59.19	-03 25.3	19.1	-0.75	- 8.1	3.7/23.3	64862
2004 LZ ₂₅	2004 08 19.9	21 57.90	-09 02.7	17.5	-0.64	- 7.8	1.8/21.2	65868	2001 VM ₁₅	2004 08 20.3	21 59.20	-08 43.7	18.8	-1.01	- 2.6	1.4/21.3	65133
2000 SX ₁₅₃	2004 08 19.9	21 57.93	-28 17.8	18.3	-0.94	- 1.8	7.0/15.6	66154	2002 CH ₇₅	2004 08 20.3	21 59.23	-15 24.5	19.1	-0.76	- 4.1	1.0/19.4	66267

2002 CG ₃₀₇	2004 08 20.3	21 59.23	-18 37.8	19.8	-0.90	- 2.9	2.1/18.6	35163	2002 GU ₁₆₁	2004 08 20.6	22 00.28	+03 39.6	20.4	-0.68	- 6.9	4.7/26.0	33556
2000 RM ₈₀	2004 08 20.3	21 59.24	-08 04.6	17.9	-0.76	+ 5.2	2.5/21.2	64800	2000 TF ₁₂	2004 08 20.6	22 00.28	+01 25.2	19.6	-0.76	- 7.7	5.0/25.2	66162
2002 CM ₁₀₇	2004 08 20.3	21 59.28	-20 19.8	20.9	-0.80	- 2.9	2.0/18.1	30660	1999 TW ₁₇₂	2004 08 20.6	22 00.36	+00 56.1	18.7	-0.73	- 3.8	4.1/24.7	66095
2000 SM ₇₈	2004 08 20.3	21 59.29	-11 04.3	19.0	-0.83	- 5.8	0.5/20.7	66150	2001 VW ₆₂	2004 08 20.6	22 00.40	-11 31.0	19.4	-0.97	- 4.1	0.2/20.9	66239
2002 BQ ₁₁	2004 08 20.3	21 59.33	-10 43.0	20.0	-0.85	- 4.0	0.5/20.8	30631	2000 AS ₉₂	2004 08 20.6	22 00.49	-06 36.3	18.4	-1.49	+ 5.5	2.8/21.5	66105
2000 QB ₁₈₀	2004 08 20.3	21 59.33	-21 51.8	18.5	-1.20	+ 1.1	4.4/18.2	64780	2000 OJ ₅₆	2004 08 20.7	22 00.58	-20 41.9	18.3	-0.91	- 4.3	3.7/18.3	66131
2001 SZ ₆₄	2004 08 20.3	21 59.34	-26 49.3	18.0	-1.08	- 2.3	7.4/16.4	66207	2001 RS ₁₂₁	2004 08 20.7	22 00.59	-17 50.3	18.5	-1.01	- 4.3	2.8/19.2	64987
1999 UG ₄₉	2004 08 20.3	21 59.35	-07 02.8	19.2	-0.77	- 3.2	1.7/21.9	66098	2001 VA ₄₇	2004 08 20.7	22 00.61	-20 29.3	19.9	-0.86	- 4.8	2.5/18.3	66238
2000 SU ₅₄	2004 08 20.3	21 59.38	-18 18.2	19.6	-0.94	- 2.8	2.0/18.8	66150	1995 YQ ₁₁	2004 08 20.7	22 00.63	+02 26.8	19.9	-0.83	- 1.3	4.8/24.7	64644
2001 KC ₄₁	2004 08 20.3	21 59.43	-54 28.9	18.8	-1.43	- 8.3	18.5/02.1	66185	2001 XZ ₁₃₅	2004 08 20.7	22 00.68	+01 24.1	19.0	-0.86	- 4.8	4.9/24.9	66251
2002 AV ₁₆₇	2004 08 20.4	21 59.35	-07 10.5	20.1	-0.69	-10.1	1.4/22.2	30625	2001 XK ₁₀₈	2004 08 20.7	22 00.70	-06 14.1	19.8	-0.89	- 4.4	2.0/22.5	66250
2002 EP ₁₂₁	2004 08 20.4	21 59.36	-25 29.1	18.5	-0.92	- 2.1	4.4/16.8	66274	2001 VN ₅₅	2004 08 20.7	22 00.70	-03 54.5	18.8	-1.00	- 3.9	3.4/23.0	65145
2000 SC ₃₄₉	2004 08 20.4	21 59.39	-07 26.2	17.7	-0.63	-18.0	2.0/22.4	64858	2000 SA ₃₁₆	2004 08 20.7	22 00.73	+14 35.5	17.9	-0.94	+ 0.1	11.2/27.6	66160
2001 UF ₂₆	2004 08 20.4	21 59.40	-05 45.0	17.5	-0.92	- 2.6	3.4/22.0	65096	2001 YA ₁₇	2004 08 20.7	22 00.74	-08 23.5	18.4	-0.89	- 3.6	1.9/21.8	65246
2003 FJ ₄₅	2004 08 20.4	21 59.48	-11 20.9	20.4	-0.88	- 5.9	0.3/20.7	47417	2004 LS ₈	2004 08 20.7	22 00.78	-04 56.6	17.3	-0.84	- 1.1	3.8/22.7	65853
2003 GZ ₄₇	2004 08 20.4	21 59.49	-49 47.7	18.4	-1.10	- 0.9	13.2/07.6	66311	2000 YN ₈₂	2004 08 20.7	22 00.81	-02 37.1	19.1	-0.76	- 3.2	2.8/23.5	66180
2003 GO ₅₁	2004 08 20.4	21 59.49	-19 59.8	19.9	-0.90	- 5.0	2.6/18.2	47537	2001 XJ ₁₀₂	2004 08 20.7	22 00.83	-31 20.6	21.0	-1.09	- 5.6	7.6/14.8	30575
2000 TG ₁₇	2004 08 20.4	21 59.51	-14 04.4	19.1	-0.80	- 8.0	0.6/19.9	66162	2001 XR ₆₆	2004 08 20.7	22 00.88	-14 47.6	18.4	-0.91	- 7.3	1.2/20.0	65196
2000 SP ₃	2004 08 20.4	21 59.61	-33 35.9	19.5	-1.04	- 3.6	6.7/14.0	31331	2001 VT ₅₄	2004 08 20.7	22 00.88	-20 52.2	18.4	-1.08	- 1.2	4.4/18.6	26045
2001 XV ₂₁₇	2004 08 20.4	21 59.68	-17 25.2	19.2	-0.92	- 6.9	2.2/18.9	66253	2001 XS ₁₀₀	2004 08 20.7	22 00.89	-18 16.8	20.1	-0.87	- 4.8	1.9/19.0	48166
2002 CF ₂₇₂	2004 08 20.4	21 59.70	-26 04.3	18.9	-0.78	- 5.4	4.0/16.1	66271	2002 CA ₆₂	2004 08 20.7	22 00.90	-26 56.1	18.1	-1.01	- 5.1	6.6/16.2	65309
2000 WZ ₇₆	2004 08 20.4	21 59.73	-08 27.1	18.9	-0.79	- 3.3	1.1/21.6	66171	2000 EH ₄₉	2004 08 20.8	22 00.82	-21 41.1	18.1	-1.06	- 0.8	4.7/18.5	66113
2002 CE ₂₄₁	2004 08 20.4	21 59.77	-15 36.8	17.2	-1.07	+ 0.8	1.3/19.8	66271	2001 XQ ₂₂	2004 08 20.8	22 00.82	-14 36.5	19.0	-1.02	- 3.7	1.1/20.1	66245
2000 RO ₈₆	2004 08 20.4	21 59.79	-16 52.2	18.5	-1.05	- 0.4	1.7/19.4	66146	2002 CP ₈₀	2004 08 20.8	22 00.92	-14 14.6	18.3	-0.88	- 1.3	0.7/20.3	65311
2000 VG ₅₃	2004 08 20.5	21 59.70	-24 12.6	19.3	-0.87	- 2.3	3.5/17.2	66169	2000 SF ₂₃₅	2004 08 20.8	22 00.93	-06 31.8	20.5	-0.86	- 6.6	2.0/22.5	29391
2001 YY ₁₁₅	2004 08 20.5	21 59.72	-28 33.3	20.3	-0.90	- 7.0	5.0/15.1	30600	2001 WK ₈	2004 08 20.8	22 00.99	-26 11.9	19.3	-1.01	- 6.4	5.6/16.5	65163
2004 PO ₅₄	2004 08 20.5	21 59.75	-06 34.9	19.2	-0.67	- 8.9	1.9/22.5	65962	2002 CO ₁₂₁	2004 08 20.8	22 01.10	-10 10.9	18.1	-0.85	- 6.0	0.9/21.5	66268
1999 PZ ₂	2004 08 20.5	21 59.76	-07 08.3	20.4	-0.86	- 2.9	1.6/21.0	47786	2001 XX ₂₇	2004 08 20.8	22 01.11	-11 50.2	21.4	-0.79	- 1.9	0.1/20.9	48160
1999 KH	2004 08 20.5	21 59.80	-10 45.8	18.6	-0.76	- 5.4	0.7/21.9	64662	1999 TM ₂₈₁	2004 08 20.8	22 01.12	-24 09.5	18.5	-0.77	- 6.4	3.7/16.9	66097
2001 UL ₁₀₀	2004 08 20.5	21 59.83	-24 38.5	20.3	-1.06	- 5.4	5.1/16.9	30518	1999 JV ₂₃	2004 08 20.8	22 01.13	-27 51.3	20.0	-1.00	- 2.8	5.5/16.6	50408
2000 RX ₈₅	2004 08 20.5	21 59.83	-22 22.1	18.9	-0.89	- 3.3	3.0/17.7	66146	2000 ET ₁	2004 08 20.8	22 01.13	-09 12.0	18.6	-1.09	- 2.1	1.4/22.0	64714
2004 PQ ₅₈	2004 08 20.5	21 59.85	-06 05.8	19.1	-0.87	- 3.6	2.7/22.3	65964	2002 CX ₁₁₀	2004 08 20.8	22 01.13	-10 16.8	19.6	-0.71	- 6.7	0.5/21.5	35571
2001 UC ₁₃₈	2004 08 20.5	21 59.87	-08 17.0	21.3	-0.96	- 6.8	1.6/21.7	46831	1999 TB ₃₈	2004 08 20.8	22 01.15	-16 48.2	18.9	-0.79	- 4.5	1.4/19.5	66092
1995 SS ₁₅	2004 08 20.5	21 59.93	-08 42.8	20.1	-0.81	- 5.4	1.2/21.6	66054	2001 XN ₁₉	2004 08 20.8	22 01.15	-09 02.8	19.2	-1.00	- 2.3	1.2/21.7	65186
2003 CS ₇	2004 08 20.5	21 59.94	-16 06.9	20.1	-0.92	- 6.7	1.4/19.4	50744	1999 VV ₆₀	2004 08 20.8	22 01.17	-11 09.4	18.2	-0.70	- 4.7	0.4/21.2	64689
2000 SZ ₁₇₃	2004 08 20.5	21 59.95	-08 04.0	19.0	-1.07	+ 2.2	1.7/21.4	64838	2002 EQ ₁₄₂	2004 08 20.8	22 01.19	-17 19.7	19.1	-0.82	- 4.4	1.8/19.3	66275
2002 BZ ₁₂	2004 08 20.5	21 59.95	-25 00.3	20.7	-0.87	- 4.2	3.7/16.7	48195	2000 SK ₇₂	2004 08 20.8	22 01.20	-07 01.9	18.2	-0.72	- 9.9	2.1/22.7	66150
1999 GZ ₅₈	2004 08 20.5	22 00.04	-25 34.4	19.7	-1.06	- 3.2	4.5/17.0	25737	2002 BT ₂₃	2004 08 20.8	22 01.22	-17 20.6	20.1	-1.04	- 0.4	1.8/19.7	48196
2004 PW ₁₇	2004 08 20.5	22 00.06	-15 34.5	19.1	-0.97	- 5.3	1.4/19.6	65945	2003 KH ₂	2004 08 20.8	22 01.22	-18 44.5	20.0	-0.73	- 7.0	2.0/18.7	66313
1999 XL ₁₃₉	2004 08 20.5	22 00.14	-21 07.8	20.2	-0.79	- 3.8	2.6/17.9	66103	2004 PC ₉₈	2004 08 20.8	22 01.23	-28 52.9	19.6	-0.76	- 7.5	5.5/15.1	65976
2002 DT ₁₁	2004 08 20.5	22 00.14	+05 41.5	19.7	-0.89	- 2.7	5.7/25.5	30698	1999 UR ₁₃	2004 08 20.9	22 01.19	+06 34.9	19.5	-0.68	- 4.9	4.7/27.0	66097
2003 AD ₅₄	2004 08 20.5	22 00.16	+10 17.5	19.4	-1.15	+ 0.3	7.4/26.3	48312	2001 VE ₉₀	2004 08 20.9	22 01.22	-50 50.8	21.0	-1.33	- 4.8	12.2/06.3	26049
1999 VL ₈₈	2004 08 20.6	22 00.08	-37 28.2	19.8	-0.99	- 3.4	8.6/12.2	1528	2000 HS ₅₃	2004 08 20.9	22 01.22	-19 15.5	20.4	-1.00	- 5.2	3.0/18.9	5753
2003 FS ₉₈	2004 08 20.6	22 00.08	-35 05.2	19.6	-1.21	- 0.2	8.8/14.9	66310	2000 QB ₇₀	2004 08 20.9	22 01.29	-18 01.0	16.8	-1.12	+ 8.1	3.2/20.1	64761
2000 QV ₇₀	2004 08 20.6	22 00.13	-12 15.5	17.4	-0.63	-16.5	0.0/20.6	64762	2000 SD ₃₀₁	2004 08 20.9	22 01.33	-18 05.0	20.5	-0.91	- 2.9	1.9/19.3	47966
2002 CN ₇₃	2004 08 20.6	22 00.15	-12 45.5	18.6	-0.82	- 2.9	0.2/20.5	66267	2001 XF ₈₈	2004 08 20.9	22 01.33	-20 41.5	19.7	-0.97	- 7.1	3.3/18.3	27787
1999 SL ₁₄	2004 08 20.6	22 00.15	-15 03.1	19.0	-0.81	- 4.1	1.0/19.8	66091	1998 BQ ₄₇	2004 08 20.9	22 01.34	-09 52.3	19.4	-0.85	- 6.3	0.7/21.6	66065
2000 SK ₂₀	2004 08 20.6	22 00.17	+13 57.4	19.0	-0.81	- 2.9	10.8/28.8	64812	2001 XC ₁₉	2004 08 20.9	22 01.39	-33 41.5	19.7	-0.96	- 3.5	6.8/14.5	50576
1999 TA ₁₈₄	2004 08 20.6	22 00.22	-16 53.0	18.3	-1.13	+ 3.0	1.8/19.7	66095	2001 WE ₇₅	2004 08 20.9	22 01.42	-05 36.8	18.2	-0.90	- 5.9	2.9/22.9	65176
2002 EN ₉₅	2004 08 20.6	22 00.22	-07 41.6	19.5	-0.69	- 7.1	1.4/22.1	65335	1999 UN ₇	2004 08 20.9	22 01.50	-00 44.5	19.4	-0.70	- 4.9	3.3/24.6	66097
2004 PB ₇	2004 08 20.6	22 00.24	-09 11.9	17.7	-0.83	- 4.2	1.5/21.5	65937	2000 UR ₆₁	2004 08 20.9	22 01.55	+02 00.1	19.1	-0.83	- 4.0	4.7/25.1	66165

2004 PQ ₈₈	2004 08 20.9	22 01.56	+01 28.6	19.7	-0.73	- 4.7	4.8/25.3	65974	1999 VY ₉₄	2004 08 21.2	22 02.60	+10 48.3	19.4	-0.69	- 5.4	6.7/29.0	47822
2004 PW ₁₀₄	2004 08 20.9	22 01.57	-30 00.7	18.9	-0.90	- 3.2	6.2/15.6	65979	1999 TF ₂₁	2004 08 21.2	22 02.61	+24 57.4	19.5	-0.96	-10.0	16.1/05.5	66092
1999 VQ ₁₉₅	2004 08 20.9	22 01.57	-12 16.2	19.1	-0.76	- 4.8	0.1/20.9	66100	2002 AR ₁₀	2004 08 21.2	22 02.65	-15 41.8	18.6	-0.83	- 8.8	1.6/20.0	66259
2002 CY ₂₉₅	2004 08 20.9	22 01.61	+11 43.5	18.5	-0.76	- 2.4	6.8/28.5	66272	2002 AE ₉₀	2004 08 21.3	22 02.66	+10 29.5	18.2	-1.24	+ 5.3	9.9/24.9	65283
2004 NM ₁	2004 08 21.0	22 01.62	-04 48.9	17.4	-0.98	- 0.7	3.4/22.8	65879	2002 EU ₈₃	2004 08 21.3	22 02.67	-15 29.0	19.7	-0.76	- 4.7	1.0/20.2	66274
2002 FT ₂₉	2004 08 21.0	22 01.64	-24 02.1	18.8	-0.75	- 6.5	3.8/17.0	65338	2002 FB ₃₄	2004 08 21.3	22 02.68	-21 58.5	19.6	-0.73	- 6.0	2.8/18.0	66276
2000 RK ₁₀₄	2004 08 21.0	22 01.64	-02 28.8	17.9	-0.98	- 0.1	3.7/23.3	66147	2002 CC ₃₈	2004 08 21.3	22 02.76	-04 37.6	19.0	-1.13	+ 2.2	2.7/22.8	65307
2000 RK ₈₄	2004 08 21.0	22 01.65	-08 16.3	18.9	-0.91	- 3.9	1.5/22.0	66146	2001 VX ₄₁	2004 08 21.3	22 02.77	-03 54.4	18.4	-0.89	- 3.7	4.0/23.6	65141
2003 BA ₁₇	2004 08 21.0	22 01.67	-17 22.7	18.6	-1.00	-23.3	1.9/18.9	65429	2002 AL ₂₈	2004 08 21.3	22 02.78	-20 30.7	19.1	-0.99	- 1.7	2.8/19.1	27801
2004 NA ₂	2004 08 21.0	22 01.71	-04 46.8	17.9	-0.96	- 1.2	3.7/22.9	65881	1999 TB ₂₃₁	2004 08 21.3	22 02.79	-37 39.8	19.0	-0.98	- 1.1	8.4/13.9	66096
2001 UO ₂₀₀	2004 08 21.0	22 01.73	-06 09.0	19.0	-0.96	- 5.1	2.7/22.7	65126	2001 YZ ₆₄	2004 08 21.3	22 02.83	-08 58.0	18.6	-0.97	- 3.6	1.3/22.0	65252
1999 TV ₂₅₆	2004 08 21.0	22 01.79	-14 23.9	19.4	-0.78	- 3.9	0.8/20.4	64684	6709 P-L	2004 08 21.3	22 02.85	-18 53.9	18.5	-0.91	- 4.3	3.4/19.3	66422
2001 YQ ₆₄	2004 08 21.0	22 01.80	-16 56.2	18.0	-1.00	- 4.0	2.3/19.7	65254	2001 DG ₁₀₃	2004 08 21.3	22 02.85	-29 33.3	20.8	-0.93	- 1.8	4.9/16.3	17566
2001 VM ₁₂₄	2004 08 21.0	22 01.80	-08 00.5	19.5	-0.88	- 5.0	1.4/22.2	66242	2001 VM ₇₅	2004 08 21.3	22 02.86	+26 06.1	20.5	-1.02	- 2.7	13.7/01.4	26047
2002 BB ₉	2004 08 21.0	22 01.82	-16 20.2	19.4	-0.82	- 8.3	1.4/19.6	66264	2001 TO ₉₆	2004 08 21.3	22 02.87	-04 00.9	19.2	-0.98	- 4.9	3.3/23.6	66222
2000 AH ₁₈₇	2004 08 21.0	22 01.83	-38 05.2	17.8	-0.74	-13.6	9.9/09.3	64704	2001 TU ₁₁₃	2004 08 21.3	22 02.87	-09 39.3	18.5	-1.01	- 4.0	0.9/22.0	66223
2000 GW ₆₀	2004 08 21.0	22 01.88	-18 39.7	17.9	-0.99	- 3.5	3.4/19.3	66118	2001 XJ ₆₂	2004 08 21.3	22 02.89	-29 07.3	20.3	-0.89	- 6.2	5.2/15.8	46986
2002 AZ ₁₄₈	2004 08 21.0	22 01.89	-15 00.9	18.1	-0.83	- 9.5	1.3/20.1	66262	2001 XQ ₁₈₈	2004 08 21.3	22 02.96	-18 26.8	19.3	-0.86	- 7.4	2.4/19.3	66252
2000 GZ ₃₄	2004 08 21.0	22 01.90	-20 13.1	19.8	-1.09	- 3.3	3.5/19.0	50470	2001 XN ₂₁	2004 08 21.3	22 02.98	-19 26.9	19.2	-1.04	- 2.4	3.1/19.4	66245
2000 ST ₁₂₈	2004 08 21.0	22 01.91	-01 07.2	19.4	-0.79	- 6.4	3.9/24.6	66153	1999 VE ₂₀	2004 08 21.3	22 03.01	-15 58.4	20.2	-1.21	- 7.7	2.0/20.2	64687
2000 RQ ₁₀₄	2004 08 21.0	22 01.94	-08 56.2	18.6	-1.06	+ 2.1	1.3/21.7	66147	2002 AR ₁₈₄	2004 08 21.3	22 03.02	-23 45.2	18.4	-1.10	- 2.5	4.8/18.2	65294
1999 JZ ₉₈	2004 08 21.0	22 01.95	-08 35.4	19.4	-0.79	- 9.9	1.2/22.3	66086	2001 XX ₁₇₂	2004 08 21.3	22 03.05	-01 54.2	18.1	-0.88	- 4.1	4.6/24.3	66252
2003 CX ₁₃	2004 08 21.1	22 01.92	-19 11.9	19.3	-0.94	- 8.5	2.5/18.8	66305	2002 FY ₁₁	2004 08 21.3	22 03.07	-28 07.3	18.9	-0.74	- 7.7	4.5/15.7	65338
2000 TP ₅₆	2004 08 21.1	22 01.92	-10 49.4	19.4	-0.96	- 1.7	0.4/21.4	66163	2004 NM ₂₄	2004 08 21.3	22 03.08	-38 33.5	18.7	-0.99	- 1.8	11.6/13.1	65908
2000 QW ₁₃₄	2004 08 21.1	22 01.93	-20 05.7	18.5	-0.97	- 4.3	3.1/18.8	66138	2001 XS ₉₂	2004 08 21.4	22 03.05	-26 40.3	19.1	-0.99	- 4.2	6.9/17.0	65205
1998 BW ₃₃	2004 08 21.1	22 01.95	-21 46.0	19.4	-0.98	- 1.8	3.0/18.6	66065	2000 GB ₂₁	2004 08 21.4	22 03.09	-19 12.9	20.1	-1.10	- 2.9	3.1/19.6	19587
2003 FZ ₆₄	2004 08 21.1	22 01.96	-19 10.3	19.6	-1.01	- 6.2	2.8/19.0	66309	1999 TP ₄₄	2004 08 21.4	22 03.09	-01 03.4	19.3	-0.71	- 4.4	3.2/24.8	66092
2001 YW ₁₁₃	2004 08 21.1	22 02.00	+01 45.3	19.2	-1.00	- 0.6	5.2/24.4	65261	1999 FQ ₃₁	2004 08 21.4	22 03.15	-29 01.8	19.2	-1.07	- 1.0	6.4/17.2	64660
2000 QY ₂₂₅	2004 08 21.1	22 02.00	-07 25.6	19.1	-0.87	- 4.8	1.6/22.5	66141	1999 TF ₁₆₇	2004 08 21.4	22 03.16	-10 50.7	19.4	-0.80	- 2.1	0.3/21.7	66095
2002 CX ₁₄₂	2004 08 21.1	22 02.01	-09 44.2	21.1	-0.81	- 6.0	0.7/21.8	48206	2002 CK ₁₇₀	2004 08 21.4	22 03.21	-19 40.3	20.4	-0.84	- 4.9	2.3/19.1	48208
1999 TM ₇₁	2004 08 21.1	22 02.02	-00 49.6	18.9	-0.69	- 4.9	3.2/24.7	66093	2004 NV ₂₁	2004 08 21.4	22 03.22	-20 08.6	18.1	-0.58	-15.7	3.6/18.0	65905
2000 RU ₃₈	2004 08 21.1	22 02.02	+01 53.8	18.3	-0.76	- 5.5	5.6/25.5	64796	2000 UO ₂₅	2004 08 21.4	22 03.22	-08 06.1	19.5	-0.79	- 6.0	1.3/22.6	66164
2002 AD ₉₆	2004 08 21.1	22 02.06	-03 21.8	19.4	-1.00	+ 0.3	3.3/23.2	65283	2004 PP ₁₃	2004 08 21.4	22 03.22	-15 35.0	18.2	-0.69	- 7.2	1.5/20.2	65942
2001 XA ₁₈₁	2004 08 21.1	22 02.12	-06 56.2	19.8	-0.92	- 4.6	1.8/22.6	30582	2001 SD ₂₁₄	2004 08 21.4	22 03.26	-16 04.3	18.6	-0.93	- 8.5	2.0/20.1	66213
1998 FG ₄₁	2004 08 21.1	22 02.20	-09 28.3	18.6	-0.85	- 5.7	0.8/21.9	30263	1995 WG ₁₀	2004 08 21.4	22 03.29	-11 19.6	20.1	-0.83	- 3.9	0.2/21.6	47700
2002 CX ₂₁₈	2004 08 21.1	22 02.24	-12 06.7	18.6	-0.79	- 5.2	0.0/21.1	65325	2000 SP ₁₇₁	2004 08 21.4	22 03.33	-05 54.2	18.8	-0.87	- 2.6	2.0/23.1	66155
2003 FK ₁₅	2004 08 21.1	22 02.25	-16 50.0	19.7	-0.92	- 3.2	1.5/19.9	66308	2001 VO ₁₀₅	2004 08 21.4	22 03.34	-22 18.2	19.5	-1.00	- 3.8	3.8/18.6	46912
2000 SK ₂₄₃	2004 08 21.1	22 02.29	-16 52.5	18.5	-1.02	+ 0.4	2.2/20.1	64845	2000 XU ₁₇	2004 08 21.4	22 03.35	-09 43.0	18.6	-0.96	- 0.8	0.8/22.0	64892
2004 NA ₂₄	2004 08 21.1	22 02.32	-00 09.5	18.3	-0.90	- 1.4	5.6/24.3	65908	2003 HO ₂₁	2004 08 21.4	22 03.39	-21 01.9	18.7	-0.83	- 3.4	3.2/18.8	65493
2001 SB ₇₀	2004 08 21.1	22 02.35	-12 41.7	18.4	-0.89	- 9.3	0.3/21.0	66208	2001 XQ ₂₀₅	2004 08 21.4	22 03.40	-00 10.0	18.0	-0.85	- 6.1	5.4/25.1	66253
2001 VJ ₄₆	2004 08 21.1	22 02.35	+10 16.6	18.3	-0.95	- 2.5	8.9/27.3	65142	2003 AK	2004 08 21.4	22 03.44	-34 34.6	18.6	-1.08	- 8.8	7.5/14.1	65411
2000 KF ₅₈	2004 08 21.1	22 02.35	-21 04.4	18.2	-0.91	- 8.4	4.0/18.3	66127	2000 ST ₉₆	2004 08 21.4	22 03.46	-09 50.8	18.9	-0.99	- 0.9	0.8/22.0	66151
2004 NW ₂₄	2004 08 21.1	22 02.37	-07 17.8	17.7	-1.01	- 0.3	2.4/22.3	65909	2001 XN ₂₁₉	2004 08 21.5	22 03.42	-03 52.2	18.8	-0.99	- 3.3	3.3/23.6	26089
2002 CN ₉₄	2004 08 21.2	22 02.35	-15 12.3	19.1	-0.81	- 6.1	1.0/20.2	66268	2003 GL ₉	2004 08 21.5	22 03.43	-20 51.3	19.3	-0.80	- 4.4	2.9/18.8	47512
2002 CJ ₁₀₂	2004 08 21.2	22 02.36	-13 36.7	18.6	-0.83	- 3.9	0.6/20.8	65314	2002 CC ₁₁₀	2004 08 21.5	22 03.45	-14 55.5	19.2	-0.76	- 5.6	1.0/20.6	65315
2003 EQ ₉	2004 08 21.2	22 02.36	-08 46.4	20.7	-0.95	- 5.5	1.2/22.2	47324	2001 SS ₉	2004 08 21.5	22 03.46	-02 09.2	19.5	-0.92	- 5.7	3.7/24.4	66205
2003 ED ₂₉	2004 08 21.2	22 02.40	-17 31.9	18.7	-0.87	- 6.7	2.1/19.5	65462	2000 SA ₂₂₉	2004 08 21.5	22 03.47	-13 30.8	18.6	-0.87	- 3.9	0.6/21.1	66157
2000 SD ₃₉	2004 08 21.2	22 02.42	-27 13.9	18.6	-0.92	- 3.8	4.6/16.7	30387	2001 XP ₇₀	2004 08 21.5	22 03.49	-04 48.7	18.8	-0.89	- 7.7	2.9/23.8	66248
2001 QE ₁₇₈	2004 08 21.2	22 02.50	-20 36.8	18.4	-1.01	- 7.0	3.4/18.6	66196	2000 QZ ₁₆₄	2004 08 21.5	22 03.52	+00 14.9	18.3	-0.83	- 5.2	5.4/25.4	64778
2000 YO ₉₉	2004 08 21.2	22 02.53	-17 12.7	18.5	-0.80	- 6.5	1.8/19.6	64899	2004 NF ₅	2004 08 21.5	22 03.55	-00 51.4	18.3	-0.83	- 2.3	5.6/24.6	65886
2001 XT ₉₇	2004 08 21.2	22 02.58	-11 58.2	18.0	-0.96	- 4.5	0.0/21.3	66249	1998 FB ₄₈	2004 08 21.5	22 03.60	-13 06.8	17.8	-0.90	- 3.3	0.4/21.2	66067

2001 UF ₁₇₂	2004 08 21.5	22 03.67	-03 31.1	19.4	-0.92	- 6.5	3.3/24.1	66235	2001 SL ₂₀₆	2004 08 21.8	22 04.56	-12 21.3	18.9	-1.01	- 5.3	0.3/21.7	66213
2000 SC ₁₀₆	2004 08 21.5	22 03.69	-06 40.9	18.6	-0.83	- 5.3	2.0/23.1	66152	2000 SQ ₂₉₁	2004 08 21.8	22 04.59	-04 53.5	20.1	-0.90	- 5.2	2.6/23.8	9835
2001 UU ₁₁₅	2004 08 21.5	22 03.70	+00 23.6	18.4	-0.84	- 6.6	5.9/25.5	66232	2000 SG ₂₀₅	2004 08 21.8	22 04.60	-05 45.9	18.2	-0.75	- 6.9	2.6/23.8	66156
2003 FC ₁₂₁	2004 08 21.5	22 03.70	-03 17.0	19.3	-0.79	- 9.3	3.1/24.5	65484	2003 CO ₁₈	2004 08 21.8	22 04.60	-11 32.3	18.9	-0.90	- 7.5	9.8/11.0	65447
2000 SP ₉	2004 08 21.5	22 03.81	+10 25.4	18.6	-0.75	-10.5	7.9/30.0	64810	2003 EU ₂	2004 08 21.8	22 04.60	-13 43.7	20.7	-0.97	- 4.7	0.7/21.3	50748
2003 FT ₈₆	2004 08 21.5	22 03.82	+00 29.2	17.6	-0.81	- 4.4	4.9/25.4	66309	2001 VR ₂₅	2004 08 21.8	22 04.62	-17 42.0	19.0	-1.01	- 4.2	2.7/20.2	65136
2001 VN ₈₃	2004 08 21.5	22 03.83	-15 11.1	19.4	-0.98	- 4.4	1.2/20.7	66240	2001 XL ₁₁₈	2004 08 21.8	22 04.64	-23 21.4	17.7	-0.98	- 6.3	5.3/18.2	65213
1999 CV ₆	2004 08 21.5	22 03.85	-12 10.4	19.3	-1.37	+ 2.8	0.1/21.5	64658	2001 XE ₅₇	2004 08 21.8	22 04.65	-10 37.2	21.0	-0.96	- 5.3	9.5/02.0	48163
2000 SR ₁₃₀	2004 08 21.6	22 03.78	+10 05.6	17.5	-0.86	- 1.8	10.0/28.3	64830	2001 XB ₄₀	2004 08 21.8	22 04.69	-06 27.1	18.5	-0.94	- 2.3	1.7/23.2	66246
2002 EK ₈₄	2004 08 21.6	22 03.78	-14 47.0	19.5	-0.79	- 4.1	0.9/20.7	48221	1999 RU ₁₄	2004 08 21.8	22 04.71	-15 10.4	17.8	-0.91	- 1.0	1.2/21.0	66088
2000 SO ₃₅₇	2004 08 21.6	22 03.79	-40 29.3	19.3	-1.03	- 4.7	11.9/11.0	64859	2001 UE ₂₁₂	2004 08 21.8	22 04.74	-19 46.4	18.7	-0.96	- 1.7	4.3/19.7	65127
2000 HC ₆	2004 08 21.6	22 03.80	-22 00.1	18.4	-0.96	- 2.3	5.0/18.9	66120	2004 LT ₈	2004 08 21.8	22 04.76	-18 08.1	17.7	-0.77	- 8.2	3.1/19.7	65854
2003 BJ ₁₇	2004 08 21.6	22 03.82	-19 17.6	18.5	-0.95	- 6.3	2.9/19.4	65429	2003 FJ ₆₃	2004 08 21.8	22 04.78	-07 40.0	19.8	-0.76	- 8.7	1.4/23.3	65477
2000 WU ₈₉	2004 08 21.6	22 03.83	-00 51.9	19.2	-0.77	- 3.6	3.3/24.9	66172	2001 YS ₁₀₆	2004 08 21.8	22 04.80	-10 22.3	20.1	-0.93	- 6.3	10.5/02.0	65259
2000 UF ₁₁₄	2004 08 21.6	22 03.85	-06 49.8	18.6	-0.88	- 2.3	2.4/23.0	64877	2003 HT ₂₀	2004 08 21.8	22 04.82	-07 48.5	21.0	-0.90	- 6.8	1.3/23.1	47552
2000 SC ₁₄₉	2004 08 21.6	22 03.86	-01 22.5	18.7	-0.79	- 6.9	4.4/25.0	64835	2001 XN ₂₀₅	2004 08 21.8	22 04.85	-02 22.6	19.5	-0.90	- 5.9	3.5/24.7	66253
2001 VE ₃₅	2004 08 21.6	22 03.88	-03 42.4	17.6	-0.89	- 3.5	3.9/23.9	65139	2002 EM ₇₂	2004 08 21.8	22 04.86	-25 43.4	19.4	-0.92	- 1.1	3.9/18.2	31979
2004 PD ₇	2004 08 21.6	22 03.89	-11 25.3	17.9	-0.78	- 7.0	11.3/02.0	65937	2003 FT ₁₁₁	2004 08 21.8	22 04.88	-05 09.0	20.1	-0.98	- 5.6	2.6/23.8	66310
2000 WA ₂₇	2004 08 21.6	22 03.91	+02 34.7	19.1	-0.77	- 3.4	4.3/25.9	66170	2001 XT ₁₇	2004 08 21.8	22 04.88	-18 57.8	18.4	-1.01	- 3.5	3.2/19.9	66245
2002 CL ₁₆₉	2004 08 21.6	22 03.91	-16 26.8	20.0	-0.72	- 5.3	1.2/20.2	30674	2001 XK ₂₁	2004 08 21.8	22 04.89	-29 12.1	18.4	-1.03	- 4.0	7.0/16.7	66245
2003 AM ₁₇	2004 08 21.6	22 03.97	+00 19.4	17.9	-1.48	+ 7.3	6.5/23.3	65415	2000 ST ₁₇₀	2004 08 21.8	22 04.90	-22 54.2	17.9	-0.92	- 2.4	4.4/18.8	66155
2003 DM ₁₃	2004 08 21.6	22 03.99	-06 17.3	19.2	-0.99	- 3.8	2.3/23.2	66305	2004 PO ₇₉	2004 08 21.9	22 04.89	-04 19.2	19.1	-1.03	- 3.0	3.1/23.8	65972
2000 WT ₅₀	2004 08 21.6	22 04.00	-14 04.2	19.2	-0.82	- 4.0	0.7/21.0	66171	2000 SS ₉₆	2004 08 21.9	22 04.89	-00 52.7	18.8	-0.92	- 2.1	4.1/24.8	66151
2001 XW ₂₁₆	2004 08 21.6	22 04.04	-29 02.8	18.0	-0.90	- 5.2	6.4/16.4	66253	2001 SE ₃₁₈	2004 08 21.9	22 04.91	-19 13.2	19.6	-1.06	- 3.4	2.9/19.9	66217
2004 PA ₅₀	2004 08 21.6	22 04.07	-16 34.0	18.1	-1.02	- 0.9	2.3/20.5	65961	2001 XH ₁₅₄	2004 08 21.9	22 04.94	-04 39.3	18.9	-0.90	- 4.1	2.9/23.9	65218
2001 UL ₁₁₈	2004 08 21.6	22 04.08	-18 12.3	20.4	-1.00	- 5.4	2.4/19.8	30520	2000 VC ₄₅	2004 08 21.9	22 04.94	-16 49.3	19.4	-0.89	- 2.9	1.8/20.5	66169
2000 GT ₂₆	2004 08 21.6	22 04.11	-03 59.8	18.7	-0.79	- 9.0	3.9/24.4	66117	2001 UE ₁₆₃	2004 08 21.9	22 04.98	-25 56.9	19.8	-1.00	- 4.5	4.9/17.8	48144
2001 TK ₆₇	2004 08 21.6	22 04.11	-04 36.7	18.2	-0.80	- 5.5	3.8/23.9	65061	1994 TX ₈	2004 08 21.9	22 04.99	-08 44.3	19.9	-0.95	- 6.0	1.2/22.8	47693
2004 NE ₁₁	2004 08 21.6	22 04.15	-27 35.9	17.6	-0.66	- 7.2	7.6/15.9	65895	2000 SQ ₁₀₀	2004 08 21.9	22 05.00	-02 40.0	18.7	-0.97	+ 0.8	3.9/24.0	66152
2000 KG ₁	2004 08 21.6	22 04.16	-15 07.7	19.2	-0.93	- 7.8	1.3/20.7	66126	2003 EP ₅₂	2004 08 21.9	22 05.01	-25 15.6	20.2	-1.03	- 4.3	4.8/18.1	50752
2001 XC ₉	2004 08 21.6	22 04.20	-23 41.4	19.2	-1.05	- 3.8	5.0/18.4	65181	2001 US ₅₁	2004 08 21.9	22 05.04	-00 39.0	18.7	-0.90	- 6.7	4.4/25.4	66230
2003 ES ₂₀	2004 08 21.6	22 04.25	-31 42.2	18.3	-1.20	+ 4.7	7.8/18.2	66306	2002 AQ ₁₄₃	2004 08 21.9	22 05.05	-10 42.0	19.6	-0.94	- 5.0	10.6/02.0	65289
2002 CJ ₂₄₁	2004 08 21.7	22 04.21	+00 02.0	17.8	-0.65	-11.6	3.8/26.3	66271	2000 XX ₈	2004 08 21.9	22 05.08	-15 37.8	17.2	-0.99	- 1.1	1.6/21.0	64891
2004 PH ₆₇	2004 08 21.7	22 04.22	-02 36.4	19.0	-0.97	- 4.4	4.1/24.3	65966	2000 RO ₁₀₁	2004 08 21.9	22 05.09	+13 01.9	18.4	-0.84	- 3.5	9.3/29.7	66147
2000 VO ₂	2004 08 21.7	22 04.23	-51 22.7	20.0	-1.18	+ 0.3	10.1/09.9	66167	2002 CC ₇₆	2004 08 21.9	22 05.09	-15 48.9	19.0	-0.87	- 4.0	1.4/20.8	66267
1993 QZ ₇	2004 08 21.7	22 04.23	-20 21.5	19.4	-0.93	- 0.6	2.7/19.5	66051	2001 XM ₇₀	2004 08 21.9	22 05.10	-06 30.0	18.9	-0.86	- 7.2	1.9/23.6	66248
2001 QV ₂₉₅	2004 08 21.7	22 04.24	-16 05.5	18.4	-1.05	- 2.2	2.1/20.6	66200	2000 QM ₁₂₅	2004 08 21.9	22 05.17	-03 44.7	19.3	-0.90	- 5.4	3.0/24.3	66137
2000 SB ₂₇₇	2004 08 21.7	22 04.24	+10 22.6	18.3	-0.77	- 5.4	8.6/29.0	64848	2000 QF ₁₇₅	2004 08 21.9	22 05.18	-04 14.0	19.2	-0.86	- 5.4	3.0/24.2	66139
2004 PG ₁	2004 08 21.7	22 04.31	-23 27.3	19.0	-0.88	- 4.1	5.1/18.3	65932	2001 YJ ₁₁₆	2004 08 21.9	22 05.19	-14 54.2	20.6	-0.94	- 6.4	1.2/21.0	30600
2001 YR ₁₈	2004 08 21.7	22 04.34	-15 22.2	18.4	-0.86	- 6.1	1.7/20.7	66255	2002 CK ₅₁	2004 08 21.9	22 05.19	-10 15.1	19.5	-0.78	- 4.0	0.4/22.4	66266
1999 TJ ₈₃	2004 08 21.7	22 04.34	-02 09.7	20.3	-0.69	- 6.2	2.7/25.0	66093	2000 WL ₁₀₂	2004 08 21.9	22 05.27	-34 11.5	19.1	-0.89	- 6.5	9.2/13.9	47990
2004 PV ₅₈	2004 08 21.7	22 04.36	-08 43.4	18.2	-0.91	- 4.8	1.4/22.6	65964	2000 WS ₈₉	2004 08 21.9	22 05.28	-16 04.4	18.9	-0.82	- 4.2	1.4/20.7	66172
2001 VZ ₃₉	2004 08 21.7	22 04.43	+05 23.2	20.2	-0.94	- 4.3	6.3/26.7	26043	2002 GN	2004 08 21.9	22 05.30	-06 42.9	18.8	-0.69	- 8.2	1.4/23.7	66276
2001 VZ ₁₁₃	2004 08 21.7	22 04.44	-07 03.3	18.3	-0.98	- 3.2	2.2/23.0	65157	2000 QS ₆₃	2004 08 22.0	22 05.25	-24 41.6	18.1	-0.81	- 2.3	6.5/18.2	66134
2000 WG ₃₉	2004 08 21.7	22 04.44	+05 09.2	20.2	-0.68	- 3.9	4.0/27.1	29544	2001 UX ₁₂₀	2004 08 22.0	22 05.26	-10 04.8	20.2	-0.95	- 6.5	0.7/22.5	23880
2000 WY ₁₃₂	2004 08 21.7	22 04.56	-17 03.4	18.4	-0.88	- 2.3	1.6/20.4	66173	2002 AX ₁₄₂	2004 08 22.0	22 05.28	-10 18.8	21.6	-0.85	- 4.6	0.4/22.4	48191
2003 FC ₁₂	2004 08 21.8	22 04.50	-28 21.4	18.4	-0.99	+ 0.7	6.0/17.9	66308	2003 EF ₄₈	2004 08 22.0	22 05.32	+03 16.1	19.0	-0.94	- 2.3	5.0/26.2	65465
2001 DO	2004 08 21.8	22 04.51	-02 50.5	18.9	-0.60	- 4.7	2.3/24.8	66183	2004 NZ ₁₆	2004 08 22.0	22 05.33	-23 16.7	18.3	-0.72	- 9.3	3.7/17.9	65900
2000 QW ₂₄₅	2004 08 21.8	22 04.52	-06 43.0	18.5	-0.81	- 7.7	2.0/23.5	64787	2001 VR ₇₁	2004 08 22.0	22 05.36	-12 08.9	19.6	-1.01	- 3.7	0.2/21.9	62380
2000 SZ ₂₄₇	2004 08 21.8	22 04.52	-18 12.8	18.2	-0.88	- 4.8	2.6/19.9	64845	1999 VE ₁₈₁	2004 08 22.0	22 05.37	+24 50.5	20.5	-1.04	- 6.2	15.7/04.4	2179
2001 VV ₁₀₁	2004 08 21.8	22 04.54	-00 22.6	18.4	-0.84	- 2.4	6.2/25.0	65154	2004 PP ₇	2004 08 22.0	22 05.38	-09 36.2	18.5	-0.85	- 3.3	1.1/22.6	65938

2001 QC ₂₄₉	2004 08 22.0	22 05.38	-24 36.5	18.4	-1.09	- 3.7	6.1/18.4	66199	2000 SB ₁₆	2004 08 22.3	22 06.50	+17 06.6	19.2	-0.77	- 7.9	10.0/02.1	66148
2000 SS ₂₉₆	2004 08 22.0	22 05.39	-14 12.9	19.2	-0.95	- 1.8	0.8/21.4	66159	2154 T-3	2004 08 22.3	22 06.50	-14 08.6	18.4	-1.07	- 2.4	1.2/21.7	66424
2004 PO ₇	2004 08 22.0	22 05.40	-09 31.4	18.9	-0.81	- 4.9	1.0/22.7	65938	2001 XF ₁₈₅	2004 08 22.3	22 06.53	-04 56.5	19.8	-0.88	- 4.3	2.3/24.3	66252
2000 ST ₆₁	2004 08 22.0	22 05.43	-21 40.8	18.8	-1.01	- 0.8	4.4/19.5	66150	1997 NU ₂	2004 08 22.3	22 06.55	-03 48.3	18.6	-1.00	- 3.9	3.2/24.5	66061
2001 YC ₈₆	2004 08 22.0	22 05.44	-15 48.8	19.3	-0.90	- 4.6	1.4/20.9	65255	2001 VE ₁₅	2004 08 22.3	22 06.55	-29 49.7	19.8	-1.07	- 3.0	6.8/17.2	48147
2001 XM ₉₉	2004 08 22.0	22 05.49	-10 29.4	19.0	-0.89	- 4.2	0.4/22.4	66249	2000 QY ₅	2004 08 22.3	22 06.57	-13 44.6	18.8	-0.90	- 4.1	0.9/21.7	66133
1999 TE ₁₅₉	2004 08 22.0	22 05.51	-05 02.6	18.2	-0.75	- 4.8	2.2/24.1	66094	2001 WA ₅₃	2004 08 22.3	22 06.62	-11 41.5	20.7	-1.03	- 5.0	0.0/22.3	66244
2000 FG	2004 08 22.0	22 05.53	-04 35.0	18.5	-0.98	- 4.9	3.3/24.1	66115	2002 CW ₆₃	2004 08 22.3	22 06.62	-24 05.4	20.7	-0.82	- 3.3	3.6/18.7	48201
5101 T-3	2004 08 22.0	22 05.58	-15 06.6	19.4	-0.79	- 6.6	1.0/21.0	30774	2000 SB ₉₇	2004 08 22.3	22 06.63	+04 41.8	19.9	-0.81	- 4.6	5.0/27.4	25853
2000 YC ₇₉	2004 08 22.0	22 05.61	+06 02.9	18.6	-0.79	- 2.5	5.5/27.3	66180	2002 CV ₂₀₀	2004 08 22.3	22 06.65	-12 13.3	21.0	-0.80	- 4.4	0.2/22.2	66270
2004 OV ₁₁	2004 08 22.0	22 05.62	-15 56.6	18.2	-1.05	- 0.7	2.0/21.1	65929	2002 BD ₂₄	2004 08 22.3	22 06.68	-31 40.5	18.6	-0.89	- 3.2	6.2/16.3	66265
2002 CB ₈₂	2004 08 22.0	22 05.67	-12 58.2	19.0	-0.80	- 4.1	0.4/21.7	66267	1996 TO ₂₄	2004 08 22.3	22 06.69	+09 07.8	19.6	-0.79	- 7.2	7.6/29.7	35697
1999 BQ ₉	2004 08 22.1	22 05.61	-43 03.6	19.5	-1.15	- 3.8	8.9/12.2	50402	2003 DT ₁₃	2004 08 22.3	22 06.72	+09 27.1	17.9	-1.01	- 2.0	8.8/28.5	65451
2002 AK ₁₆₅	2004 08 22.1	22 05.65	-10 07.1	19.3	-0.83	- 4.9	0.6/22.6	66263	2000 SL ₁₈₃	2004 08 22.3	22 06.77	-08 50.2	18.3	-0.84	- 2.4	1.3/23.2	64840
1993 FP ₇₅	2004 08 22.1	22 05.67	-02 18.1	21.7	-0.78	- 5.1	2.8/25.0	57657	2001 VP ₃₄	2004 08 22.3	22 06.80	-18 32.0	18.9	-0.94	- 6.0	2.6/20.3	66237
2000 TK ₆₁	2004 08 22.1	22 05.69	-18 58.1	18.6	-0.76	-10.9	3.0/19.5	64865	2000 QA ₂₆	2004 08 22.4	22 06.72	-17 19.8	18.1	-1.00	+ 2.5	2.9/21.2	66133
2000 SR ₂₇₉	2004 08 22.1	22 05.72	-34 06.9	18.6	-0.94	- 5.4	7.5/14.6	66158	1996 FM ₁	2004 08 22.4	22 06.73	-05 45.4	18.8	-1.03	- 3.8	2.5/24.0	66057
2001 WL ₉₈	2004 08 22.1	22 05.78	-01 04.0	19.2	-0.88	- 5.3	5.2/25.3	65177	2000 QV ₂₁	2004 08 22.4	22 06.77	-11 14.4	18.5	-0.77	- 7.6	0.2/22.5	64757
2001 XF ₄₀	2004 08 22.1	22 05.80	-46 46.4	19.7	-1.12	- 3.3	11.0/10.3	66246	2001 VR ₁₁₅	2004 08 22.4	22 06.77	-17 02.8	18.8	-0.99	- 4.2	2.2/20.9	65158
2001 YW ₁₂₂	2004 08 22.1	22 05.90	-27 12.3	20.6	-1.01	- 4.6	5.2/17.5	27366	1998 FN ₇	2004 08 22.4	22 06.82	-15 25.2	19.4	-0.88	- 4.2	1.5/21.3	66066
2002 EZ ₅₉	2004 08 22.1	22 05.91	-09 59.3	18.8	-0.79	- 5.0	0.6/22.7	66273	2001 VX ₅₇	2004 08 22.4	22 06.84	-03 46.1	18.5	-0.98	- 4.4	3.3/24.6	66239
2000 SF ₆₈	2004 08 22.1	22 05.94	-34 56.6	18.5	-1.07	+ 0.5	10.2/15.9	64821	2000 UD ₆₆	2004 08 22.4	22 06.86	+02 28.8	19.4	-0.77	- 5.3	5.7/26.9	66165
2001 TG ₁₇	2004 08 22.1	22 06.08	-20 23.6	18.5	-1.05	+ 5.0	5.1/20.6	65048	1998 HH ₂₅	2004 08 22.4	22 06.87	-22 16.9	19.4	-0.89	- 3.6	3.8/19.3	64650
2001 XQ ₈₅	2004 08 22.2	22 05.99	-08 11.0	19.4	-0.84	- 5.4	1.1/23.3	65200	1999 VG ₉	2004 08 22.4	22 06.90	+04 16.7	18.5	-0.71	- 4.7	5.7/27.5	64687
2002 CU ₂₄₁	2004 08 22.2	22 06.01	-07 07.1	19.7	-0.84	- 6.2	1.6/23.6	66271	2001 XV ₁₉₇	2004 08 22.4	22 06.91	+03 30.2	20.0	-0.94	- 1.5	5.2/26.4	65230
2001 TM ₄₁	2004 08 22.2	22 06.07	-32 21.9	18.4	-0.97	- 3.5	6.5/16.0	66219	1999 TL ₂₉₁	2004 08 22.4	22 06.92	-20 42.4	19.0	-0.75	- 5.6	3.1/19.5	64685
4158 T-3	2004 08 22.2	22 06.08	-06 54.4	18.4	-0.79	- 9.8	2.2/23.9	65985	1999 RJ ₁₇₇	2004 08 22.4	22 06.92	-20 30.4	17.7	-0.92	- 0.8	3.0/20.2	66090
2000 SG ₃₂₇	2004 08 22.2	22 06.10	-17 32.4	18.1	-0.84	- 9.4	1.9/20.2	66161	2000 TK ₅₁	2004 08 22.4	22 06.93	-07 32.9	18.6	-0.77	- 8.3	1.3/23.8	66163
1999 TZ ₁₄₉	2004 08 22.2	22 06.14	+00 10.7	18.4	-0.67	- 7.4	3.5/26.3	66094	2000 SK ₈₄	2004 08 22.4	22 06.97	-16 12.3	19.2	-0.89	- 4.9	1.6/21.1	66151
1999 XZ ₁₂₂	2004 08 22.2	22 06.19	-39 46.0	18.6	-1.04	+ 0.5	11.3/13.7	7517	2002 AG ₁₆₅	2004 08 22.4	22 07.02	-08 30.5	19.5	-0.86	- 6.8	1.2/23.4	66263
2000 JM ₅₂	2004 08 22.2	22 06.22	-39 40.4	17.3	-1.03	+ 3.9	14.9/15.5	66125	2001 QB ₆₈	2004 08 22.4	22 07.04	-21 42.7	20.5	-0.96	- 6.1	3.3/19.4	25911
2002 CO ₄₀	2004 08 22.2	22 06.23	+08 07.2	18.2	-0.81	- 2.8	6.9/28.3	66266	2002 AO ₁₅₅	2004 08 22.4	22 07.04	-13 51.3	19.1	-0.70	- 6.4	0.6/21.7	66263
2001 UU ₁₁₁	2004 08 22.2	22 06.25	-17 06.0	20.0	-1.04	- 4.1	2.2/20.8	46818	1999 TD ₁₄₈	2004 08 22.4	22 07.05	+01 24.0	19.5	-0.72	- 5.2	4.1/26.6	64679
2000 RO ₆	2004 08 22.2	22 06.28	+03 03.6	18.3	-0.75	- 8.7	5.5/27.0	66142	2002 CO ₅₇	2004 08 22.4	22 07.09	-12 11.1	19.8	-0.81	- 4.0	0.2/22.3	30647
2000 SX ₃₁₇	2004 08 22.2	22 06.28	-10 24.4	18.0	-1.22	+ 3.9	0.5/22.5	66160	2000 SW ₃₄₆	2004 08 22.4	22 07.09	+08 55.6	18.7	-0.95	+ 0.3	8.9/27.0	64857
2000 TC ₃₄	2004 08 22.2	22 06.30	+01 00.7	17.9	-0.82	- 5.4	5.1/26.1	66162	2000 SA ₆₀	2004 08 22.4	22 07.10	-11 22.3	20.1	-0.88	- 4.3	0.1/22.5	27704
2001 WJ ₁₀₀	2004 08 22.2	22 06.31	-21 28.1	20.0	-0.92	- 5.5	3.5/19.3	46954	2001 SJ ₆₈	2004 08 22.4	22 07.12	-19 36.0	19.2	-1.01	- 5.6	2.9/20.1	66208
2001 XQ ₁₁₇	2004 08 22.2	22 06.36	-28 14.4	19.0	-0.92	- 6.5	5.9/16.8	26078	6060 P-L	2004 08 22.4	22 07.13	-13 16.8	17.7	-0.95	- 3.0	0.7/22.0	66422
2003 EK ₂₂	2004 08 22.2	22 06.37	-15 04.1	20.1	-0.97	- 4.6	1.2/21.3	50750	2003 HG ₁₇	2004 08 22.5	22 07.15	-13 12.7	19.7	-0.89	- 8.5	0.6/22.0	62445
2001 XQ ₁₆	2004 08 22.2	22 06.38	-12 48.8	19.8	-0.88	- 5.8	0.4/21.9	46962	2002 CG ₁₁	2004 08 22.5	22 07.15	-15 53.8	19.0	-0.96	- 3.7	1.6/21.3	66265
2000 YJ ₅₁	2004 08 22.2	22 06.41	-07 15.1	19.4	-0.73	- 3.5	1.2/23.6	66179	2002 AN ₂₀	2004 08 22.5	22 07.18	-14 48.9	19.1	-1.05	- 3.7	1.3/21.6	30606
2000 QZ ₁₇	2004 08 22.3	22 06.37	-14 08.3	18.6	-0.85	- 6.4	1.1/21.5	66133	2000 YS ₁₀₁	2004 08 22.5	22 07.18	-20 14.0	19.1	-0.74	- 7.4	2.4/19.6	66180
2000 SU ₂₁₂	2004 08 22.3	22 06.37	-16 45.1	18.1	-0.81	- 8.3	1.7/20.6	66156	2003 FM ₁₁₈	2004 08 22.5	22 07.18	-19 52.8	19.8	-0.90	- 4.7	2.7/20.1	65484
2002 CJ ₂₅₈	2004 08 22.3	22 06.37	-11 16.2	18.8	-0.81	- 5.5	0.2/22.4	31462	2001 VA ₂₆	2004 08 22.5	22 07.20	-16 48.8	19.5	-0.94	- 5.8	1.9/21.0	66237
1999 VB ₄₃	2004 08 22.3	22 06.38	-13 21.9	18.7	-0.75	- 5.0	0.6/21.8	64688	2001 XH ₇₈	2004 08 22.5	22 07.21	-15 53.9	19.7	-0.87	- 5.6	1.4/21.2	46994
2001 VB ₈	2004 08 22.3	22 06.38	-05 25.1	19.9	-0.92	- 5.9	2.4/24.2	46861	2000 UJ ₄₁	2004 08 22.5	22 07.22	+03 18.8	19.1	-0.84	- 4.9	5.9/27.0	13790
2004 PD ₁	2004 08 22.3	22 06.41	+01 46.2	19.6	-0.80	- 2.1	4.5/26.1	65932	2002 CT ₂₀₇	2004 08 22.5	22 07.25	-15 47.0	18.9	-0.88	- 0.6	1.3/21.5	65324
2000 SL ₂₀	2004 08 22.3	22 06.44	+07 52.2	18.8	-0.88	- 2.1	7.3/27.7	64813	2003 EU ₁₀	2004 08 22.5	22 07.28	-06 08.2	20.2	-0.91	- 6.4	1.8/24.2	66306
2000 QG ₄₃	2004 08 22.3	22 06.48	-08 17.7	18.6	-0.87	- 5.8	1.4/23.3	66134	2001 UQ ₁₀₉	2004 08 22.5	22 07.28	-01 41.8	18.5	-0.87	- 6.8	4.4/25.6	65112
2002 CQ ₂₂₆	2004 08 22.3	22 06.49	-04 48.6	18.2	-0.89	- 1.8	2.6/24.2	66271	2000 UD ₁₉	2004 08 22.5	22 07.28	+04 52.0	18.0	-0.65	-13.1	6.6/29.1	64868
2002 FA ₃₆	2004 08 22.3	22 06.49	-22 27.9	19.9	-0.74	- 6.5	2.8/18.7	33977	2003 BO ₄₃	2004 08 22.5	22 07.33	-16 08.4	18.8	-1.06	- 2.9	1.9/21.4	65434

2000 MV ₃	2004 08 22.5	22 07.36	-31 42.4	17.0	-0.89	- 6.0	9.3/15.9	66129	2001 SJ ₁₇₇	2004 08 22.8	22 08.47	-11 36.5	18.5	-0.88	- 7.9	0.1/22.8	66212
2002 CH ₄₃	2004 08 22.5	22 07.37	-28 02.0	18.3	-0.74	- 6.9	4.4/16.9	66266	2004 PJ ₃₃	2004 08 22.8	22 08.49	-13 10.2	19.1	-0.85	- 7.9	0.7/22.3	65953
2001 QY ₁₆₉	2004 08 22.5	22 07.40	-10 38.2	17.8	-0.90	- 6.4	0.4/22.8	66196	2001 TJ ₁₀₁	2004 08 22.8	22 08.51	-06 27.0	17.4	-0.76	- 8.1	2.5/24.6	65069
1997 TP ₁₉	2004 08 22.5	22 07.43	-11 44.8	19.3	-0.96	- 5.3	0.1/22.5	66062	2000 SL ₃₀₆	2004 08 22.8	22 08.54	+08 51.6	19.4	-0.76	- 6.1	8.3/29.9	64853
2001 TC ₁₈₁	2004 08 22.5	22 07.44	-21 43.5	19.9	-1.09	- 2.7	4.1/19.9	46762	2004 PD ₆₈	2004 08 22.8	22 08.55	-04 50.3	19.3	-0.69	- 7.9	2.4/25.2	65967
2003 CY ₁	2004 08 22.5	22 07.46	-11 52.9	20.3	-0.96	- 5.8	0.1/22.5	66304	2004 NF ₂₄	2004 08 22.8	22 08.58	+02 29.1	19.3	-1.05	+ 1.5	6.2/26.2	66393
2004 MB ₈	2004 08 22.5	22 07.48	+24 10.9	17.7	-1.65	+33.5	21.7/15.5	66389	1999 TQ ₃	2004 08 22.8	22 08.59	-11 22.5	19.3	-0.84	- 1.7	0.0/22.9	66092
2001 YD ₁₄	2004 08 22.5	22 07.49	-29 38.6	19.2	-1.06	- 3.5	6.7/17.3	30593	2001 TM ₇₉	2004 08 22.9	22 08.62	-20 08.0	19.0	-1.01	- 6.2	3.6/20.3	66221
2000 SM ₃₀₄	2004 08 22.5	22 07.49	-18 29.8	18.8	-0.98	- 1.2	2.3/20.8	66160	2001 SS ₂₇₉	2004 08 22.9	22 08.64	-19 24.9	19.0	-1.09	- 4.0	3.4/20.7	65038
2000 SO ₃₀	2004 08 22.5	22 07.53	-22 40.6	20.2	-1.08	- 1.4	4.0/19.7	29318	2002 CB ₂₉	2004 08 22.9	22 08.68	-13 05.0	20.7	-1.08	- 0.4	0.6/22.5	38332
1994 EZ ₅	2004 08 22.6	22 07.47	-18 23.8	19.8	-0.90	- 4.4	2.1/20.6	30246	2001 TJ ₃₃	2004 08 22.9	22 08.73	-16 08.0	19.5	-1.11	- 2.5	1.9/21.7	23814
1999 JR ₁₅	2004 08 22.6	22 07.51	-40 19.2	18.2	-1.13	- 2.0	9.3/14.1	66085	2003 FW ₈₈	2004 08 22.9	22 08.77	-00 56.7	19.0	-0.72	-10.3	4.0/27.0	65480
2000 SA ₂₂	2004 08 22.6	22 07.59	+22 28.9	17.8	-0.54	-21.5	13.6/09.9	64813	1998 DV ₃₁	2004 08 22.9	22 08.79	-13 46.0	18.2	-0.94	- 2.3	0.7/22.3	66066
2000 SW ₂₉₁	2004 08 22.6	22 07.66	-06 26.4	18.7	-0.71	- 4.4	2.5/24.2	64850	1999 YD ₇	2004 08 22.9	22 08.81	+11 55.6	18.0	-1.11	+ 5.8	9.2/26.8	64700
1997 JT ₅	2004 08 22.6	22 07.66	-37 03.0	20.3	-0.87	- 3.6	6.5/14.3	30255	1999 RK ₃₉	2004 08 22.9	22 08.81	-22 49.1	18.2	-0.78	- 8.1	4.3/18.9	64664
2001 TA ₁₇	2004 08 22.6	22 07.66	-06 46.1	18.4	-0.97	- 3.8	2.4/23.9	66218	2001 UZ ₁₀₈	2004 08 22.9	22 08.84	-01 10.6	19.1	-0.93	- 6.1	4.4/26.0	65112
1995 SH ₃₀	2004 08 22.6	22 07.69	-08 23.2	20.3	-0.80	- 6.3	1.1/23.7	46326	2001 TN ₂₁₈	2004 08 22.9	22 08.84	-15 18.0	18.4	-0.88	- 8.6	1.8/21.7	65086
2000 SZ ₁₇₁	2004 08 22.6	22 07.73	-11 12.8	19.6	-0.99	- 0.5	0.1/22.7	27714	2003 EO ₂₇	2004 08 22.9	22 08.85	-15 18.0	20.9	-1.03	- 3.7	1.5/21.9	62443
2003 FW ₈₃	2004 08 22.6	22 07.76	+00 29.0	20.6	-0.85	- 4.9	3.9/26.4	66309	2000 SS ₂₅₅	2004 08 22.9	22 08.85	-10 27.4	19.9	-0.87	- 4.8	0.3/23.3	66157
2000 SQ ₃₀₉	2004 08 22.6	22 07.77	-08 43.0	19.8	-0.80	- 6.4	0.8/23.6	30405	2001 UH ₂₁₉	2004 08 22.9	22 08.85	-14 19.5	20.1	-0.96	- 4.6	1.0/22.1	66235
2001 TT ₁₉₁	2004 08 22.6	22 07.78	-15 29.8	19.1	-1.03	- 4.3	1.6/21.6	66226	1999 UF ₅	2004 08 22.9	22 08.86	-17 54.9	17.9	-1.84	+11.2	3.7/22.4	66097
1999 SF ₁₉	2004 08 22.6	22 07.82	-21 50.8	18.7	-0.79	- 6.5	3.2/19.3	66091	2000 RO ₄₁	2004 08 22.9	22 08.86	-10 40.6	17.6	-1.00	- 1.6	0.3/23.2	66144
2002 CM ₄₉	2004 08 22.7	22 07.88	-02 20.0	19.0	-0.80	- 4.8	3.1/25.5	27466	2001 YY ₇	2004 08 22.9	22 08.87	-10 43.2	17.4	-1.01	- 1.3	0.3/23.1	65244
2001 YT ₆₂	2004 08 22.7	22 07.88	-21 39.6	18.6	-0.89	- 4.3	3.6/19.7	66256	2004 OJ ₉	2004 08 22.9	22 08.87	-13 31.0	19.2	-0.77	- 5.4	0.7/22.3	65926
2000 QB ₇₈	2004 08 22.7	22 07.90	-07 40.1	19.2	-0.80	- 9.3	1.3/24.0	66135	2004 PP ₂₆	2004 08 22.9	22 08.91	-05 11.1	18.5	-0.73	- 1.7	3.3/24.8	65949
2003 FS ₁	2004 08 22.7	22 07.93	-39 18.8	19.1	-0.97	-10.4	9.2/12.3	65468	2002 GX ₉₈	2004 08 22.9	22 08.92	+06 12.8	18.7	-0.70	- 6.0	5.2/28.9	66276
2001 XS ₁₀₈	2004 08 22.7	22 07.93	-19 12.5	19.3	-1.01	- 4.3	3.0/20.5	30576	2002 CC ₂₈₆	2004 08 22.9	22 08.94	-06 38.7	19.6	-0.86	- 3.0	1.7/24.3	66272
2002 EY ₁₀₇	2004 08 22.7	22 07.93	+02 56.6	20.1	-0.85	- 3.3	4.5/26.9	33971	1999 FB ₁₈	2004 08 22.9	22 08.99	-10 39.1	19.4	-0.95	- 6.2	0.3/23.2	27615
4651 T-3	2004 08 22.7	22 08.00	-00 55.4	18.8	-0.68	- 7.6	3.5/26.4	65985	2000 EX ₁₅₅	2004 08 22.9	22 09.00	-00 04.5	18.4	-0.93	- 6.8	5.1/27.0	66114
2004 PQ ₃₈	2004 08 22.7	22 08.08	-10 15.9	18.3	-0.82	- 5.4	0.6/23.1	65956	2000 SU ₁₂₆	2004 08 23.0	22 08.96	-04 54.4	19.0	-0.80	- 6.3	2.3/25.1	66153
2000 EW	2004 08 22.7	22 08.11	-21 07.6	17.9	-1.14	- 2.0	4.1/20.4	66112	2001 HG ₃₂	2004 08 23.0	22 09.02	-58 11.9	20.1	-1.71	- 1.4	20.8/07.0	66185
2002 AO ₁₁₆	2004 08 22.7	22 08.12	-20 01.2	19.2	-0.84	- 9.0	2.9/19.8	66262	2001 YD ₁₂₄	2004 08 23.0	22 09.03	-24 21.6	19.4	-1.04	- 3.9	5.2/19.3	66258
1999 TW ₂₀₇	2004 08 22.7	22 08.14	-06 29.3	18.8	-0.96	+ 0.8	1.5/23.9	66095	2002 CP ₄₉	2004 08 23.0	22 09.04	-11 58.3	20.3	-0.77	- 4.1	0.2/22.9	66266
2002 EX ₆	2004 08 22.7	22 08.16	-05 28.2	19.5	-0.61	- 5.0	1.6/24.8	66273	2002 AR ₅₀	2004 08 23.0	22 09.05	-05 18.6	20.8	-0.94	- 3.7	2.2/24.7	48187
2003 FR ₇	2004 08 22.7	22 08.18	-16 42.9	21.1	-0.98	- 4.8	1.8/21.3	48342	2000 UA ₄₄	2004 08 23.0	22 09.05	-10 09.5	18.7	-0.81	- 3.9	0.4/23.4	66164
2001 RP ₇₆	2004 08 22.8	22 08.19	-27 43.1	17.3	-0.90	- 2.5	8.7/17.9	64980	2002 CX ₃₄	2004 08 23.0	22 09.05	-16 29.4	19.7	-0.88	- 1.0	1.4/21.7	30642
2000 HW ₁₄	2004 08 22.8	22 08.21	-15 54.2	19.2	-1.00	- 6.9	1.7/21.5	66121	1999 TL ₁₆₅	2004 08 23.0	22 09.05	+02 06.7	18.7	-0.73	- 4.6	4.2/27.3	1164
2002 AR ₂₇	2004 08 22.8	22 08.21	-05 53.0	18.6	-0.96	+ 0.4	1.7/24.1	66259	2000 SE ₁₇₇	2004 08 23.0	22 09.06	+06 34.5	18.6	-0.82	- 4.5	6.0/28.5	66155
2004 QM ₅	2004 08 22.8	22 08.22	-22 26.5	19.1	-0.91	- 6.2	4.3/19.4	65981	2000 JR ₅₄	2004 08 23.0	22 09.06	-13 02.5	18.8	-0.93	- 6.1	0.7/22.5	66125
2003 HJ ₃₆	2004 08 22.8	22 08.23	-31 13.8	18.6	-0.83	- 3.9	6.6/16.6	66312	2002 CB ₁₀₂	2004 08 23.0	22 09.07	-09 19.1	19.0	-0.69	- 8.4	0.6/23.8	65314
2000 HV ₃₇	2004 08 22.8	22 08.24	-18 29.3	18.2	-0.79	-11.6	3.2/20.3	66121	2000 UT ₁₀₁	2004 08 23.0	22 09.11	-08 57.4	20.5	-0.89	- 2.9	0.9/23.7	66167
1999 TD ₁₁₁	2004 08 22.8	22 08.25	-15 17.8	19.2	-0.97	- 0.2	1.4/21.9	64677	1999 TG ₂₄₇	2004 08 23.0	22 09.12	+13 53.8	18.7	-0.68	- 5.8	8.8/01.0	18215
2000 WR ₉₇	2004 08 22.8	22 08.25	+00 53.7	18.7	-0.88	- 2.8	5.0/26.2	64884	2001 UA ₁₂₂	2004 08 23.0	22 09.12	-01 06.1	19.1	-0.92	- 5.8	4.2/26.1	65114
2001 XU ₁₀₀	2004 08 22.8	22 08.26	-06 47.1	19.3	-0.90	- 4.1	1.6/24.2	66249	2001 TX ₁₂	2004 08 23.0	22 09.25	-40 01.9	18.9	-1.07	- 9.3	9.6/12.2	66218
1997 WS ₄	2004 08 22.8	22 08.30	-25 08.3	18.2	-0.99	- 3.4	5.9/19.0	66063	2001 WT ₇₀	2004 08 23.0	22 09.28	-28 41.2	18.7	-0.96	- 3.9	8.3/18.0	66244
2003 EK ₄	2004 08 22.8	22 08.31	-03 29.0	20.6	-0.90	- 6.8	3.0/25.3	50748	2000 QM ₄₄	2004 08 23.0	22 09.29	-12 14.2	18.3	-0.79	- 8.8	0.4/22.8	64759
1999 VF ₁₉₇	2004 08 22.8	22 08.34	-22 32.4	18.6	-0.74	- 6.3	4.3/19.1	64693	2002 CM ₁₁₁	2004 08 23.0	22 09.31	-11 55.2	19.5	-0.74	- 4.7	0.2/22.9	66268
2004 PH ₁₈	2004 08 22.8	22 08.35	-07 27.5	17.9	-0.83	- 6.5	1.9/24.1	65945	2003 FX ₄₂	2004 08 23.0	22 09.32	-22 53.7	19.5	-1.00	- 1.6	3.9/20.1	50755
2001 VP ₉₈	2004 08 22.8	22 08.41	-27 23.1	20.7	-0.75	- 6.2	3.5/17.5	30547	2001 XB ₈₇	2004 08 23.0	22 09.34	-24 06.6	19.2	-0.86	- 8.2	4.1/18.8	66249
1999 TN ₃₁₃	2004 08 22.8	22 08.42	-08 54.7	20.6	-0.76	- 4.1	0.8/23.6	66097	2001 UH ₁₀₉	2004 08 23.0	22 09.34	-02 24.5	18.2	-0.95	- 5.6	3.7/25.7	66232
2002 CD ₂₆₅	2004 08 22.8	22 08.46	-11 16.6	20.0	-0.93	- 3.7	0.1/22.9	48212	2003 EN ₇	2004 08 23.0	22 09.36	-08 05.0	18.6	-1.04	- 2.8	1.4/24.0	66306

2004 PB ₉₃	2004 08 23.0	22 09.36	-29 41.4	18.6	-0.73	-13.6	7.4/15.4	65975	2002 BZ	2004 08 23.3	22 10.07	-17 57.1	19.3	-0.95	- 3.4	2.3/21.4	66264
2000 SK ₇₁	2004 08 23.0	22 09.40	-32 35.1	19.3	-1.13	+ 0.2	8.2/17.6	66150	2001 VX ₁₂₄	2004 08 23.3	22 10.09	-06 52.5	19.1	-1.01	- 2.8	1.8/24.5	65160
2002 GR ₄₅	2004 08 23.1	22 09.29	-18 57.9	19.7	-0.79	- 3.0	2.0/20.9	31519	2001 TY ₂₇	2004 08 23.3	22 10.11	-02 17.0	19.3	-1.00	- 4.3	3.9/25.8	23793
1999 VV ₁₄₄	2004 08 23.1	22 09.30	+02 56.4	19.0	-0.81	- 1.3	3.9/27.0	66100	2000 SZ ₂₆₀	2004 08 23.3	22 10.14	-37 33.6	19.9	-1.06	- 3.0	9.3/14.8	13774
2002 CC ₃₀₁	2004 08 23.1	22 09.31	-06 43.8	18.4	-0.70	- 7.7	1.6/24.7	66272	2004 NZ ₂₃	2004 08 23.3	22 10.17	-01 12.4	17.9	-0.71	- 5.0	5.6/27.0	65908
2004 PL ₆₇	2004 08 23.1	22 09.32	-02 58.0	18.2	-0.83	- 7.9	3.9/25.9	65966	2003 FJ ₁₁₅	2004 08 23.3	22 10.20	-20 52.7	18.9	-0.78	- 4.2	3.1/20.4	66310
2002 DH ₈	2004 08 23.1	22 09.32	-32 28.8	18.8	-1.10	- 2.0	7.6/17.1	66272	2002 CV ₁₄₄	2004 08 23.3	22 10.24	-07 14.4	18.4	-0.73	- 5.2	1.3/24.6	66269
2001 UA ₁₅₇	2004 08 23.1	22 09.36	-11 44.4	19.2	-0.86	- 6.6	0.2/23.0	66234	2001 UT ₁₃₄	2004 08 23.3	22 10.25	-03 34.8	20.4	-0.90	- 6.3	2.8/25.7	48142
2000 SF ₁₆₁	2004 08 23.1	22 09.37	-32 04.5	18.3	-0.83	- 5.2	5.7/16.1	66154	2001 UV ₂₂₀	2004 08 23.3	22 10.32	-04 31.7	19.6	-0.94	- 4.7	2.4/25.3	48146
2002 AY ₁₃	2004 08 23.1	22 09.39	-09 54.7	20.0	-0.87	- 4.1	0.5/23.5	27372	2001 UJ ₁₂₂	2004 08 23.3	22 10.37	-16 50.8	20.0	-0.99	- 5.8	2.1/21.7	30521
2000 SV ₁₄₂	2004 08 23.1	22 09.42	+14 39.4	19.4	-0.81	- 3.9	9.4/31.5	64834	2000 SG ₂₈₉	2004 08 23.3	22 10.39	-03 04.4	19.4	-0.82	- 5.2	3.6/25.9	66159
2001 YE ₆	2004 08 23.1	22 09.48	-17 52.8	18.1	-0.91	- 6.3	3.1/21.1	65243	2000 YU ₃₃	2004 08 23.3	22 10.39	-15 44.9	20.3	-0.74	- 6.5	1.2/21.9	12261
2000 UE ₇₉	2004 08 23.1	22 09.50	-09 21.5	19.6	-0.80	- 4.7	0.7/23.8	66166	2000 WA ₁₆₃	2004 08 23.3	22 10.41	-12 43.7	19.1	-0.78	- 5.7	0.5/22.9	66174
2004 KW ₁₆	2004 08 23.1	22 09.60	-13 46.6	19.7	-0.75	- 4.6	0.8/22.4	65842	1990 TB ₁₀	2004 08 23.3	22 10.42	-12 29.3	18.8	-1.01	- 3.1	0.5/23.1	66049
2002 FT ₃₆	2004 08 23.1	22 09.65	-05 58.2	20.0	-0.86	- 5.0	1.9/24.8	33542	2004 ND ₂₄	2004 08 23.3	22 10.43	+02 07.6	19.2	-0.88	0.0	4.5/26.8	65908
2000 KS ₂₀	2004 08 23.1	22 09.66	-17 01.8	18.0	-0.94	- 5.7	2.5/21.5	66126	2000 QL ₂₃	2004 08 23.3	22 10.44	-04 24.4	18.0	-0.91	- 2.4	3.0/25.2	66133
2004 PS ₉₅	2004 08 23.1	22 09.67	-29 11.8	18.9	-0.73	- 4.8	9.0/16.8	65976	2001 DT ₃₆	2004 08 23.4	22 10.40	-10 04.8	19.1	-0.75	- 2.0	0.3/23.7	66183
2000 XU ₂₃	2004 08 23.1	22 09.68	-32 11.9	19.5	-0.91	- 1.6	5.6/17.2	47996	2002 CB ₁₆₁	2004 08 23.4	22 10.43	-06 46.5	20.4	-0.79	- 5.8	1.5/24.8	66269
2001 VY ₂₉	2004 08 23.1	22 09.69	-16 27.9	18.5	-1.00	- 5.0	2.1/21.7	66237	2002 FS ₂₅	2004 08 23.4	22 10.45	-32 20.5	19.5	-1.00	- 6.2	6.9/16.3	31988
2002 CX ₁₈₄	2004 08 23.1	22 09.70	-16 26.6	18.9	-0.80	- 7.2	1.9/21.5	65321	2001 YC ₁₁₆	2004 08 23.4	22 10.48	-20 54.7	19.3	-0.94	- 5.7	3.3/20.5	30600
2000 AK ₁₅₂	2004 08 23.1	22 09.72	+22 57.9	19.0	-1.18	+ 0.5	15.6/01.4	64703	2000 VS ₄₇	2004 08 23.4	22 10.49	-14 03.0	19.0	-0.83	- 4.8	1.0/22.6	66169
2000 XV ₄₀	2004 08 23.2	22 09.66	-28 15.3	19.3	-0.88	- 1.6	4.4/18.4	66178	2000 RM ₂₆	2004 08 23.4	22 10.54	-06 41.4	17.4	-1.09	+ 3.3	2.1/24.3	66143
2002 YE ₅	2004 08 23.2	22 09.73	-56 34.3	20.1	-1.33	- 3.5	13.8/07.2	48306	2004 PG ₃₃	2004 08 23.4	22 10.54	-15 51.7	18.9	-0.79	- 7.0	1.7/21.9	65953
2000 UC ₂₃	2004 08 23.2	22 09.75	-14 18.3	19.2	-0.85	- 6.0	1.0/22.3	66164	2000 QX ₁₄₀	2004 08 23.4	22 10.55	-09 31.0	18.5	-0.81	- 7.0	0.7/24.0	66138
2001 YM ₆₅	2004 08 23.2	22 09.75	-24 16.4	18.6	-0.94	- 6.1	5.3/19.1	66256	2000 SP ₁₃₁	2004 08 23.4	22 10.57	+06 57.2	18.5	-1.02	+ 1.7	7.8/27.8	66153
2000 RF ₁₀₄	2004 08 23.2	22 09.78	+08 43.6	18.2	-0.87	- 2.6	7.1/29.0	66147	2000 UB ₇₈	2004 08 23.4	22 10.64	-44 15.8	20.7	-0.97	- 2.2	8.0/12.6	29478
2001 SK ₁₂₉	2004 08 23.2	22 09.79	-05 47.9	18.4	-0.97	- 4.9	2.7/24.8	66210	2000 UJ ₁₇	2004 08 23.4	22 10.64	-16 40.6	18.9	-0.85	- 5.9	1.8/21.8	66164
2000 SR ₁₂₆	2004 08 23.2	22 09.81	+05 46.0	19.0	-0.74	- 9.4	6.9/29.3	64830	2001 YJ ₆₄	2004 08 23.4	22 10.64	-35 21.2	19.3	-0.95	- 5.6	9.0/15.3	66256
2004 PD ₆₉	2004 08 23.2	22 09.82	-15 30.9	18.2	-0.78	- 4.5	1.6/22.0	65968	2000 WS ₇₇	2004 08 23.4	22 10.69	-15 14.1	20.1	-0.91	- 3.3	1.5/22.3	27748
2000 KO ₉	2004 08 23.2	22 09.84	-17 40.3	19.3	-0.99	- 4.2	2.8/21.5	66126	2004 PL ₇₀	2004 08 23.4	22 10.75	-02 32.6	19.8	-1.16	+ 3.4	3.8/25.1	65968
2001 VG ₅₈	2004 08 23.2	22 09.87	-06 55.5	19.4	-1.01	- 4.5	1.8/24.5	30541	2000 QK ₂₈	2004 08 23.4	22 10.81	-11 31.2	16.7	-0.70	- 8.6	0.1/23.4	66133
2000 RN ₁₀₂	2004 08 23.2	22 09.87	+17 05.3	18.7	-0.77	- 7.2	9.3/02.7	66147	2002 EW ₉₉	2004 08 23.4	22 10.84	-02 20.6	18.5	-0.81	- 2.0	2.8/26.0	65335
1999 RY ₂₀₄	2004 08 23.2	22 09.88	-00 22.5	17.7	-0.93	+ 0.7	3.9/25.9	66091	2002 EL ₈₄	2004 08 23.4	22 10.84	-15 28.5	19.2	-0.83	- 4.2	1.4/22.2	66274
2003 FU ₁₀₇	2004 08 23.2	22 09.90	+02 33.5	19.6	-0.79	- 5.7	4.1/27.7	50758	2001 VX ₃₅	2004 08 23.4	22 10.86	-19 44.3	19.0	-1.01	- 5.4	3.7/21.0	30536
2002 CW ₃₇	2004 08 23.2	22 09.97	-16 52.6	19.5	-0.85	- 7.8	1.9/21.4	65306	2001 UA ₁₀₉	2004 08 23.5	22 10.82	-18 44.8	18.2	-1.01	- 5.1	3.3/21.3	66232
2002 JT ₁₁₈	2004 08 23.2	22 09.98	-11 12.8	20.1	-0.68	- 6.3	0.0/23.3	34005	2001 XF ₂₀₁	2004 08 23.5	22 10.83	-16 36.5	19.8	-0.86	- 6.0	1.9/21.8	66253
2000 XZ ₂₆	2004 08 23.2	22 09.98	-15 25.5	18.5	-0.83	- 2.1	1.1/22.1	66177	1998 DE ₇	2004 08 23.5	22 10.88	-03 03.1	21.9	-0.93	- 3.1	2.7/25.8	27595
1998 HZ ₄₃	2004 08 23.2	22 09.99	-23 55.4	20.0	-0.89	- 3.5	3.7/19.6	66068	2002 AL ₃₄	2004 08 23.5	22 10.90	-15 08.9	20.6	-0.87	- 1.6	1.1/22.5	30608
2000 QK ₁₆	2004 08 23.2	22 10.00	-13 14.2	19.0	-0.85	- 5.4	0.8/22.7	66133	2000 SC ₅₀	2004 08 23.5	22 10.91	-04 21.5	18.4	-0.86	- 4.2	2.9/25.6	64817
2001 VM ₂₂	2004 08 23.2	22 10.05	-23 43.6	19.9	-1.02	- 4.3	4.7/19.7	46869	2003 FD ₁₀₄	2004 08 23.5	22 10.93	-08 20.1	20.8	-0.95	- 4.9	1.0/24.4	47475
2003 EW ₁₈	2004 08 23.2	22 10.06	-10 50.3	20.0	-0.92	- 5.7	0.2/23.4	48333	2004 PA ₇₉	2004 08 23.5	22 10.95	-01 04.1	18.5	-0.78	- 4.2	3.8/26.6	65971
2000 WU ₃₈	2004 08 23.2	22 10.06	+00 41.0	19.0	-0.73	- 5.7	3.6/27.2	66170	2000 DN ₁₂	2004 08 23.5	22 10.97	-13 37.8	18.6	-0.91	- 4.5	1.2/22.8	66110
2000 TJ	2004 08 23.2	22 10.06	-29 08.0	19.1	-1.07	+ 0.4	7.6/18.7	64860	2002 CR ₂₁₆	2004 08 23.5	22 11.00	-13 03.8	19.7	-0.77	- 5.0	0.6/23.0	65324
2002 CM ₁₆₄	2004 08 23.2	22 10.07	-18 59.1	19.9	-0.84	- 4.9	2.5/21.0	66269	2002 EK ₁₀₃	2004 08 23.5	22 11.00	-19 07.1	19.3	-0.75	- 6.6	2.3/20.9	65335
1997 HG ₂	2004 08 23.2	22 10.08	-00 11.7	20.0	-0.71	- 5.2	3.1/26.9	31222	2000 RO ₂₂	2004 08 23.5	22 11.02	+10 03.9	19.1	-0.76	- 8.5	6.0/31.1	66143
2002 CL ₁₆₃	2004 08 23.2	22 10.10	-18 34.5	19.6	-0.77	- 4.6	2.2/21.1	66269	1997 SG ₁₂	2004 08 23.5	22 11.02	-12 12.9	19.8	-0.98	- 3.8	0.4/23.3	64647
2000 UO ₈₃	2004 08 23.3	22 10.03	+08 27.0	18.8	-0.76	- 7.0	7.1/30.1	66166	1999 GX ₂₅	2004 08 23.5	22 11.04	-23 02.9	19.6	-1.01	- 2.2	4.4/20.4	66084
1999 BL ₃	2004 08 23.3	22 10.05	-11 18.7	19.0	-0.97	- 4.5	0.0/23.3	66080	1999 SS ₂₃	2004 08 23.5	22 11.05	-10 13.3	18.5	-0.77	- 5.0	0.4/23.9	60542
2095 T-2	2004 08 23.3	22 10.05	-10 54.7	19.0	-0.85	- 4.2	0.2/23.4	66423	2001 VV ₁₂	2004 08 23.5	22 11.07	+09 55.0	19.1	-0.96	- 2.4	7.3/29.5	65132
2000 WE ₁₄	2004 08 23.3	22 10.06	-00 16.6	18.9	-0.74	- 3.2	2.9/26.7	66169	1997 TS ₂₄	2004 08 23.5	22 11.08	-20 52.9	18.3	-1.07	- 1.4	4.5/21.1	66062
2003 CE ₉	2004 08 23.3	22 10.07	-00 06.6	19.3	-1.07	- 2.5	4.7/26.3	50744	2001 VV ₆₀	2004 08 23.5	22 11.09	-05 24.0	19.3	-0.98	- 3.4	2.5/25.2	66239

2001 UU ₉₆	2004 08 23.5	22 11.09	-09 47.9	20.1	-0.95	- 6.1	0.5/24.0	26028	2000 SD ₃₄₇	2004 08 23.8	22 12.04	+25 18.7	18.9	-0.91	- 1.2	10.2/04.2	66161
2002 ER ₅₀	2004 08 23.5	22 11.16	-10 12.6	19.3	-0.77	- 4.7	0.3/23.9	66273	2003 BB ₅₂	2004 08 23.8	22 12.08	-11 38.1	19.1	-1.09	- 3.2	0.2/23.7	66304
2003 DP ₂₂	2004 08 23.5	22 11.17	-21 38.2	20.0	-0.94	- 6.2	3.7/20.4	47317	2003 FP ₅₀	2004 08 23.8	22 12.11	-13 56.3	18.8	-0.82	- 7.1	1.0/22.9	65475
2003 AB ₁₅	2004 08 23.6	22 11.13	-15 45.5	19.8	-0.86	- 5.8	1.3/22.2	50731	2001 YD ₁₁₈	2004 08 23.8	22 12.18	-06 21.5	19.3	-0.87	- 2.7	1.5/25.2	30600
2000 QM ₁₀₂	2004 08 23.6	22 11.18	-15 54.5	17.4	-0.81	- 7.2	2.0/22.1	66136	2002 CW ₁₆₀	2004 08 23.8	22 12.20	-14 09.3	20.3	-0.98	- 1.8	1.0/23.1	48207
2001 UJ ₁₉₆	2004 08 23.6	22 11.22	-17 52.5	19.4	-1.05	- 2.6	2.9/21.9	66235	1996 SQ ₂	2004 08 23.8	22 12.20	-09 42.5	21.2	-0.87	- 5.2	0.5/24.3	60480
1999 RW ₂₂₆	2004 08 23.6	22 11.23	-00 09.3	18.7	-0.89	- 0.9	3.8/26.5	66091	1999 RJ ₁₆₃	2004 08 23.8	22 12.24	-11 00.5	17.6	-0.88	- 1.5	0.0/23.9	66090
1999 VW ₁₄₇	2004 08 23.6	22 11.26	-21 31.2	19.0	-0.87	- 1.7	3.5/20.8	66100	2002 CW ₁	2004 08 23.8	22 12.26	-19 37.7	19.1	-1.04	- 3.7	3.9/21.5	48197
2002 AN ₁₃	2004 08 23.6	22 11.29	-07 16.9	21.6	-0.85	- 3.3	1.1/24.8	30604	2001 TB ₂₁₄	2004 08 23.8	22 12.30	-08 16.4	19.2	-0.92	- 7.9	1.2/24.8	66226
2001 XC ₂₀	2004 08 23.6	22 11.30	-11 57.4	18.8	-1.05	- 3.3	0.3/23.4	26066	2002 CW ₁₂₉	2004 08 23.9	22 12.24	-06 02.1	20.1	-0.82	- 6.3	1.7/25.5	48205
2001 YM ₁₃₀	2004 08 23.6	22 11.33	-09 04.5	19.2	-0.85	- 2.7	0.6/24.2	30601	2001 UB ₇₄	2004 08 23.9	22 12.26	-24 44.7	19.3	-1.04	- 4.9	6.4/19.8	65106
2002 CA ₄₃	2004 08 23.6	22 11.34	-06 26.2	20.0	-0.75	- 7.8	1.4/25.2	65307	2003 CE ₁	2004 08 23.9	22 12.30	-19 22.7	17.6	-0.80	-30.1	3.7/20.2	65443
2002 CD ₉₈	2004 08 23.6	22 11.34	-13 37.1	20.2	-0.83	- 4.3	0.7/22.9	66268	2000 SW ₉₈	2004 08 23.9	22 12.33	-10 14.9	18.7	-0.91	- 3.1	0.3/24.2	66151
1995 SL ₈₀	2004 08 23.6	22 11.40	-08 38.8	21.3	-0.82	- 4.7	0.9/24.4	47698	2003 FB ₈₀	2004 08 23.9	22 12.34	-20 31.3	19.0	-0.88	- 5.4	3.4/21.0	66309
2001 TS ₁₆₄	2004 08 23.6	22 11.42	-12 05.6	19.0	-0.92	- 5.3	0.4/23.4	66225	2056 T-1	2004 08 23.9	22 12.37	-15 43.9	20.0	-0.80	- 3.6	1.3/22.6	27867
1999 CP ₄	2004 08 23.6	22 11.46	-11 23.2	19.1	-0.92	- 6.5	0.1/23.6	66081	2002 FP ₂₁	2004 08 23.9	22 12.38	-18 24.8	18.4	-0.68	- 2.9	2.0/21.7	65338
2000 SQ ₂₉₀	2004 08 23.6	22 11.53	+03 57.9	19.6	-0.76	- 7.8	5.6/29.0	46495	2001 XX ₂₁₂	2004 08 23.9	22 12.40	-14 35.2	18.2	-0.85	- 9.0	1.4/22.8	66253
2001 YV ₅₇	2004 08 23.7	22 11.50	-18 36.7	18.1	-0.83	- 4.5	3.7/21.4	66256	2000 QD ₂₁₄	2004 08 23.9	22 12.43	-18 16.3	19.0	-0.95	- 3.1	3.0/21.9	64784
2003 AC ₆₂	2004 08 23.7	22 11.55	-17 08.6	17.5	-0.92	-26.5	2.6/21.2	65422	2000 YM ₁₃₅	2004 08 23.9	22 12.51	-27 55.7	20.1	-0.83	- 2.5	4.2/18.9	11023
2001 VS ₁₀₀	2004 08 23.7	22 11.56	-17 59.1	21.2	-0.96	- 4.7	2.3/21.7	46910	2002 CS ₂₅₈	2004 08 23.9	22 12.53	-11 00.6	18.7	-0.79	- 9.7	0.0/24.0	66271
2000 UR ₆₀	2004 08 23.7	22 11.59	-14 54.6	19.1	-0.85	- 3.3	1.1/22.6	66165	2000 JU ₈	2004 08 23.9	22 12.59	-10 09.5	18.2	-0.87	- 3.6	0.5/24.2	64731
1997 WJ ₁₁	2004 08 23.7	22 11.60	-18 04.2	20.9	-0.98	- 5.0	2.5/21.7	50379	2001 TT ₁₄₂	2004 08 23.9	22 12.59	-19 22.2	19.7	-1.01	- 6.3	3.2/21.5	66224
2000 XT ₂₅	2004 08 23.7	22 11.61	-21 22.6	18.6	-0.93	- 1.2	3.6/21.0	66177	2000 SF ₃₂₈	2004 08 23.9	22 12.60	-01 58.3	19.5	-0.82	- 3.8	2.8/26.7	66161
2001 WL ₁₆	2004 08 23.7	22 11.63	-14 53.5	19.4	-1.05	- 3.7	1.7/22.7	65166	2003 HE ₄₁	2004 08 23.9	22 12.61	+01 01.6	19.2	-0.78	- 5.1	3.4/27.8	66312
2001 XJ ₉₉	2004 08 23.7	22 11.66	+01 51.0	19.3	-0.89	- 2.8	4.0/27.4	66249	2002 GL ₂₈	2004 08 23.9	22 12.64	-11 33.6	20.2	-0.76	- 5.4	0.1/23.8	65340
1999 TN ₁₈₈	2004 08 23.7	22 11.66	-17 04.0	18.4	-0.97	+ 0.8	2.3/22.3	64681	1999 BR ₁₃	2004 08 23.9	22 12.67	-12 21.3	20.6	-0.92	- 6.3	0.4/23.6	66080
2001 VU ₁₀₅	2004 08 23.7	22 11.68	-06 45.7	18.0	-0.88	- 3.0	2.3/25.0	65155	2001 UY ₁₃	2004 08 24.0	22 12.62	-20 41.3	20.4	-1.02	- 7.2	3.8/21.0	30505
2001 VV ₅₂	2004 08 23.7	22 11.68	-12 00.4	17.9	-1.03	- 0.6	0.4/23.5	66239	2000 SJ ₉₆	2004 08 24.0	22 12.63	-01 36.4	19.1	-0.88	- 4.0	3.3/26.7	66151
2004 PC ₇₉	2004 08 23.7	22 11.70	-00 26.5	18.1	-0.87	- 1.4	4.7/26.6	65972	1999 RZ ₂₅₂	2004 08 24.0	22 12.64	+04 03.8	18.5	-0.72	- 4.9	4.6/28.9	66091
2000 SQ ₄₇	2004 08 23.7	22 11.73	+03 39.5	17.9	-0.87	- 3.2	6.2/28.1	66149	2000 AW ₁₈₇	2004 08 24.0	22 12.65	-18 25.6	18.8	-0.74	- 9.3	2.4/21.4	64704
2000 XU ₃₁	2004 08 23.7	22 11.76	-06 14.1	18.9	-0.85	- 1.9	1.5/25.1	29617	2004 PZ ₁₃	2004 08 24.0	22 12.67	-13 53.9	17.3	-0.98	- 0.6	1.4/23.3	65943
2001 VY ₇₀	2004 08 23.7	22 11.78	-22 07.3	20.7	-1.03	- 3.8	4.1/20.7	46897	2000 SE ₂₈₂	2004 08 24.0	22 12.79	-07 48.9	18.6	-0.91	- 3.3	1.3/25.0	66159
2000 UK ₅₉	2004 08 23.7	22 11.81	-01 17.4	18.6	-0.83	- 3.1	4.5/26.6	64872	2001 YZ ₃	2004 08 24.0	22 12.80	+28 38.4	20.4	-1.04	+ 0.1	10.6/04.5	30592
2000 YM ₈₂	2004 08 23.7	22 11.81	+00 04.1	19.8	-0.73	- 3.3	2.9/27.2	29645	2002 AU ₂₀	2004 08 24.0	22 12.81	-25 52.0	19.8	-0.85	- 7.2	5.0/19.1	66259
2000 YL ₁₇	2004 08 23.7	22 11.81	-00 39.4	20.0	-0.80	- 2.8	2.8/26.8	11013	2002 AB ₁₇₇	2004 08 24.0	22 12.83	-07 52.0	20.5	-0.91	- 3.7	1.0/24.9	66264
2002 BD ₁₂	2004 08 23.7	22 11.82	-12 20.0	19.0	-0.81	- 9.4	0.4/23.4	65299	1992 DP ₅	2004 08 24.0	22 12.83	-14 06.9	19.5	-0.80	- 3.8	0.9/23.1	66049
1999 VO ₆₄	2004 08 23.7	22 11.85	-14 10.9	19.0	-0.77	- 4.3	1.0/22.9	66099	2001 XO ₂₁	2004 08 24.0	22 12.83	-00 47.1	19.3	-0.94	- 1.7	3.4/26.8	30563
2000 SQ ₁₈₁	2004 08 23.7	22 11.85	-16 30.3	18.7	-0.83	- 7.0	2.2/22.1	66155	2003 JP ₉	2004 08 24.0	22 12.85	-10 17.3	19.5	-0.80	- 5.7	0.3/24.3	66313
1999 CX ₁₄₈	2004 08 23.7	22 11.85	-09 25.1	20.6	-0.94	- 6.2	0.7/24.3	49662	2000 QX ₁₃₃	2004 08 24.0	22 12.85	-17 38.3	18.1	-0.81	- 6.7	2.9/21.9	64774
2001 TM ₅₁	2004 08 23.7	22 11.88	-24 08.4	18.9	-1.08	- 4.8	5.7/20.0	66220	2001 AS ₃₃	2004 08 24.0	22 12.85	-14 18.2	19.6	-0.79	- 3.5	0.9/23.1	66181
2001 SM ₃₆	2004 08 23.7	22 11.90	-39 40.2	21.0	-1.27	- 1.1	8.5/15.8	25962	2002 CF ₅₆	2004 08 24.0	22 12.86	-11 15.1	19.6	-0.89	- 2.5	0.1/24.0	29789
1999 RR ₇₃	2004 08 23.7	22 11.93	-03 36.5	19.0	-0.71	- 7.6	2.5/26.4	66089	2003 FN ₁₂	2004 08 24.0	22 12.86	-10 45.1	19.0	-0.98	- 3.4	0.1/24.1	66308
2003 FV ₈₂	2004 08 23.8	22 11.91	-10 41.2	18.9	-0.88	- 7.7	0.2/24.0	66309	1999 VH ₅₉	2004 08 24.0	22 12.87	+15 39.1	18.3	-0.68	- 5.1	9.9/03.2	66099
1999 VW ₁₇₇	2004 08 23.8	22 11.92	-23 14.5	18.4	-0.76	- 4.9	4.5/19.9	66100	2002 AF ₄₉	2004 08 24.0	22 12.87	-05 48.0	19.7	-0.77	- 4.1	1.6/25.7	66260
2000 VJ ₂₁	2004 08 23.8	22 11.93	-15 07.1	19.3	-0.84	- 4.4	1.4/22.6	66168	2000 YZ ₁₃₃	2004 08 24.0	22 12.93	-38 47.0	18.0	-0.83	-12.9	10.0/11.9	66180
2004 OZ ₈	2004 08 23.8	22 11.93	-50 11.8	18.4	-1.27	+ 8.0	17.6/15.7	65926	2001 TK ₃₆	2004 08 24.0	22 12.94	-08 03.1	18.0	-1.04	- 2.7	1.3/24.8	65053
2001 TL ₆₆	2004 08 23.8	22 11.95	-21 55.2	19.0	-1.07	- 4.2	4.4/20.8	66221	1996 VW ₄	2004 08 24.0	22 12.95	-16 47.5	19.0	-0.92	- 5.2	1.8/22.3	66058
2001 WM ₄₇	2004 08 23.8	22 11.96	+29 25.2	18.3	-1.32	+ 8.1	18.4/29.6	65174	2002 CK ₂₃₇	2004 08 24.0	22 13.00	-15 05.8	20.7	-0.78	- 3.2	1.1/22.9	30688
2002 AZ ₇₃	2004 08 23.8	22 11.97	-14 22.9	19.8	-0.88	- 5.1	1.2/22.8	48188	2000 QJ ₁₈₂	2004 08 24.0	22 13.01	-21 40.4	19.0	-0.91	- 4.9	4.1/20.8	66139
2000 RY ₇₀	2004 08 23.8	22 12.00	-15 24.1	17.5	-0.68	- 8.9	2.0/22.3	64799	2000 SK ₁₀₀	2004 08 24.0	22 13.01	-02 38.1	18.1	-0.97	+ 3.2	4.2/25.8	64827
2000 DU ₆₃	2004 08 23.8	22 12.04	-07 04.3	19.8	-0.98	- 6.7	1.8/25.1	66110	2000 SJ ₂₃₀	2004 08 24.0	22 13.04	-13 45.6	19.1	-0.85	- 4.2	0.9/23.3	66157

2003 EA ₁	2004 08 24.0	22 13.05 +03 26.1 18.0	-0.83 -24.1	6.3/30.3	65454	2002 JA	2004 08 24.3	22 14.10 -09 15.6 19.1	-0.79 - 4.7	0.6/24.9	66277
2000 SV ₁₀₅	2004 08 24.1	22 13.03 -15 20.8 19.0	-0.89 - 1.9	2.0/23.0	64828	2004 PE ₅₅	2004 08 24.3	22 14.12 -23 49.2 17.6	-0.70 -27.2	5.5/18.4	65962
2001 YL ₃	2004 08 24.1	22 13.05 -34 16.1 19.5	-1.07 - 4.5	8.0/16.6	48175	2002 AH ₁₈₇	2004 08 24.3	22 14.13 -17 19.3 19.9	-1.12 - 0.9	2.5/22.8	65294
2001 UE ₁₀₇	2004 08 24.1	22 13.06 -02 46.7 18.8	-0.88 - 8.1	3.4/27.0	66232	1999 LV ₆	2004 08 24.3	22 14.13 +11 25.1 19.0	-0.85 -10.5	7.5/01.4	66086
1999 VU ₁₉₈	2004 08 24.1	22 13.06 +01 54.3 20.1	-0.69 - 6.5	3.6/28.5	66100	2003 KV ₆	2004 08 24.3	22 14.14 -04 19.6 20.4	-0.90 - 6.4	2.4/26.4	61719
2002 CK ₂₀₅	2004 08 24.1	22 13.09 -12 37.3 19.0	-0.71 - 7.7	0.5/23.6	65323	2002 EW ₅₆	2004 08 24.4	22 14.12 -09 02.6 18.9	-0.80 - 4.6	0.7/25.0	66273
2001 YD ₁₁	2004 08 24.1	22 13.14 -16 54.6 17.4	-0.80 - 9.2	2.8/22.1	65245	1999 TN ₂₆₂	2004 08 24.4	22 14.13 -08 55.3 17.8	-0.83 - 1.3	0.9/25.0	64684
2003 DF ₁₀	2004 08 24.1	22 13.18 -15 57.8 20.5	-0.95 - 5.6	1.8/22.7	48328	2003 ES ₃₀	2004 08 24.4	22 14.15 -05 38.2 19.4	-0.81 - 8.6	1.9/26.2	66307
2002 AR ₂₃	2004 08 24.1	22 13.20 -14 17.3 19.2	-0.84 - 7.7	1.2/23.1	66259	1999 TN ₂₁₂	2004 08 24.4	22 14.18 +03 31.5 19.2	-0.71 - 4.9	4.4/29.1	66095
2003 FZ ₅	2004 08 24.1	22 13.22 -10 45.9 19.4	-0.90 - 3.8	0.1/24.2	66308	2000 SC ₂₀₆	2004 08 24.4	22 14.19 -24 43.0 19.9	-0.98 - 2.3	5.0/20.5	66156
2001 UR ₈₉	2004 08 24.1	22 13.22 -25 51.9 19.2	-1.32 + 0.4	5.2/20.8	23871	2003 FV ₇₈	2004 08 24.4	22 14.20 -07 44.5 21.0	-0.94 - 5.4	1.1/25.4	66309
2001 XS ₂₁₇	2004 08 24.1	22 13.22 +09 16.3 19.1	-0.94 - 1.7	7.2/29.7	65234	1996 FD ₁₈	2004 08 24.4	22 14.21 -26 09.3 19.9	-1.10 - 2.3	5.8/20.4	50375
2001 WL ₇	2004 08 24.1	22 13.25 -06 19.3 20.2	-0.90 - 5.8	1.7/25.6	66242	2002 AS ₉₈	2004 08 24.4	22 14.23 -14 23.4 20.2	-0.87 - 4.4	1.1/23.4	27394
2001 UK ₁₇₂	2004 08 24.1	22 13.25 -16 57.3 19.5	-0.98 - 5.4	2.3/22.4	66235	1998 FR ₅₄	2004 08 24.4	22 14.24 -07 10.1 19.9	-0.86 - 5.9	1.2/25.6	66067
2001 SA ₁₁₄	2004 08 24.1	22 13.31 -15 35.7 19.3	-1.07 - 1.0	2.3/23.1	65011	2001 YY ₇₆	2004 08 24.4	22 14.24 -18 09.6 19.4	-0.97 - 5.8	2.9/22.2	66256
2000 WQ	2004 08 24.1	22 13.38 +30 00.6 19.5	-1.48 +15.1	19.6/24.9	15093	2002 CE ₅₂	2004 08 24.4	22 14.26 -08 12.4 19.8	-0.70 - 6.7	0.8/25.4	30646
2000 UV ₁₁₁	2004 08 24.2	22 13.39 -02 21.9 19.2	-0.77 - 5.4	2.9/27.0	66167	2001 XP ₁₆₈	2004 08 24.4	22 14.31 -16 20.9 18.1	-0.89 - 7.9	2.3/22.7	65222
2004 QH ₁₆	2004 08 24.2	22 13.40 -18 04.9 18.8	-0.98 - 3.9	2.9/22.2	65983	2001 YE ₅₈	2004 08 24.4	22 14.31 -03 03.2 18.9	-0.95 - 3.0	3.7/26.6	65251
2000 YD ₈₁	2004 08 24.2	22 13.44 +03 48.1 20.6	-0.72 - 3.7	3.8/28.9	31378	2001 UP ₄₃	2004 08 24.4	22 14.38 -01 13.3 19.4	-0.91 - 6.9	3.9/27.5	66229
2003 EJ ₁₇	2004 08 24.2	22 13.46 -11 58.9 19.7	-0.96 - 4.5	0.4/23.9	66306	2004 LH ₁₆	2004 08 24.4	22 14.38 -19 58.5 17.6	-0.49 -16.0	4.2/20.5	65860
2002 EO ₈₉	2004 08 24.2	22 13.46 -03 35.3 19.7	-0.77 - 2.5	2.1/26.4	48221	2003 BB ₇₇	2004 08 24.4	22 14.39 +07 30.6 18.4	-1.48 + 6.3	7.9/27.7	65440
2001 XC ₁₇	2004 08 24.2	22 13.47 -25 50.5 18.2	-1.02 - 4.7	6.4/19.7	65185	1997 WA ₁₅	2004 08 24.4	22 14.40 -11 05.0 20.0	-0.95 - 5.0	0.1/24.4	66063
2003 GT ₄₂	2004 08 24.2	22 13.51 -14 56.3 21.4	-0.76 - 6.3	1.1/23.0	50760	2000 TC ₁₅	2004 08 24.4	22 14.41 -15 57.7 19.8	-0.87 - 4.0	1.6/23.0	30408
2003 FJ ₆₆	2004 08 24.2	22 13.51 -14 10.9 19.7	-0.84 - 6.0	1.2/23.2	65477	2001 XN ₁₄₉	2004 08 24.4	22 14.45 -17 55.1 20.0	-0.91 - 6.5	2.7/22.3	50579
2000 WG ₄₃	2004 08 24.2	22 13.55 -27 14.5 18.9	-0.81 - 5.4	4.9/18.9	66170	2000 SL ₁₂₄	2004 08 24.4	22 14.49 -20 43.4 19.4	-0.90 - 4.3	3.5/21.5	66153
2001 VL ₆₅	2004 08 24.2	22 13.55 -02 23.1 19.9	-0.97 - 4.2	3.4/26.7	30543	1998 HN ₁₃₀	2004 08 24.4	22 14.50 -26 07.1 20.5	-0.98 - 2.0	4.8/20.3	47731
2002 CQ ₂₂₈	2004 08 24.2	22 13.55 -02 39.5 19.4	-0.76 - 8.0	2.6/27.0	30686	2001 SJ ₇₂	2004 08 24.4	22 14.50 -21 10.4 17.9	-0.93 - 6.7	5.0/21.2	66208
2001 UQ ₁₇₇	2004 08 24.2	22 13.58 -25 38.6 19.5	-1.08 - 3.6	6.4/20.0	66235	2001 XG ₁₀₀	2004 08 24.4	22 14.51 -05 31.4 17.9	-0.96 - 2.3	2.5/25.9	65207
2004 PH ₁	2004 08 24.2	22 13.61 -24 07.2 18.6	-0.83 - 6.0	6.7/19.9	65932	2001 XC ₂₁₅	2004 08 24.4	22 14.51 -24 14.2 19.3	-0.85 - 9.4	4.3/19.8	65232
1999 VT ₆₅	2004 08 24.2	22 13.64 -00 29.6 18.7	-0.71 - 4.8	3.3/27.6	66099	2000 QQ ₁₆₃	2004 08 24.5	22 14.48 +06 17.6 19.3	-0.94 - 3.7	6.4/29.4	29258
2001 VV ₃₂	2004 08 24.2	22 13.64 -04 18.4 19.6	-0.89 - 4.8	2.3/26.2	65138	2001 WU ₁₇	2004 08 24.5	22 14.53 -22 22.6 18.4	-0.99 - 1.1	6.0/21.5	65166
1997 UJ ₂	2004 08 24.2	22 13.71 -27 16.8 19.8	-0.98 - 4.4	7.2/19.2	46333	2000 SH ₉	2004 08 24.5	22 14.54 +22 39.9 18.7	-0.79 -10.2	9.9/07.5	66148
2002 AF ₁₁₅	2004 08 24.2	22 13.77 -20 49.1 20.2	-0.84 - 8.9	3.4/20.9	66262	2001 XD ₈₅	2004 08 24.5	22 14.56 -00 47.3 18.4	-0.90 - 4.9	4.0/27.5	66249
2001 XY ₈₈	2004 08 24.2	22 13.77 -13 44.6 19.9	-1.00 - 3.9	1.1/23.5	66249	2001 SG ₂₆₇	2004 08 24.5	22 14.57 -14 49.2 19.5	-1.06 - 4.3	1.7/23.5	66215
1994 SC ₇	2004 08 24.3	22 13.72 -16 39.1 20.4	-1.05 - 4.0	2.3/22.7	24936	1999 LJ ₁₀	2004 08 24.5	22 14.60 -07 27.3 17.6	-0.64 -11.0	1.5/25.8	66087
2002 BE ₄	2004 08 24.3	22 13.73 -24 11.0 20.2	-0.94 - 2.0	3.8/20.7	30630	2003 LW ₃	2004 08 24.5	22 14.64 -19 49.3 19.6	-0.98 - 2.3	2.8/22.2	66313
2000 SP ₃₄₇	2004 08 24.3	22 13.73 +01 11.0 18.3	-1.16 + 2.8	4.6/26.8	27726	1999 TH ₂₁₁	2004 08 24.5	22 14.66 -11 27.4 18.2	-0.75 - 6.1	0.2/24.4	66095
2004 NX ₂₁	2004 08 24.3	22 13.74 -19 28.9 17.8	-0.70 -15.1	3.9/20.9	65905	2002 ER ₈₄	2004 08 24.5	22 14.67 -13 31.5 20.3	-0.76 - 4.1	0.7/23.7	65334
2002 GK ₄₆	2004 08 24.3	22 13.76 +06 59.4 19.6	-0.67 - 8.4	4.5/30.9	31995	2001 SC ₇₁	2004 08 24.5	22 14.68 -19 52.3 18.5	-0.97 - 7.2	3.8/21.7	66208
2000 SG ₃₁₃	2004 08 24.3	22 13.76 +04 38.0 18.6	-0.96 - 0.5	5.7/28.4	66160	2001 AS ₃₆	2004 08 24.5	22 14.68 -11 09.6 18.0	-0.86 - 0.7	0.1/24.5	66181
2001 TW ₁₅₄	2004 08 24.3	22 13.78 -16 55.0 19.0	-0.96 - 8.0	2.3/22.4	23832	2001 VG ₄₂	2004 08 24.5	22 14.69 -21 32.4 19.0	-1.02 - 5.9	4.0/21.3	66238
2000 QL ₃₃	2004 08 24.3	22 13.79 -25 45.7 18.4	-0.80 -10.9	6.0/18.7	64758	2000 WZ ₁₂₉	2004 08 24.5	22 14.70 -16 55.2 18.0	-0.97 - 0.7	2.2/23.0	64886
1999 NW	2004 08 24.3	22 13.82 -06 18.3 18.7	-0.76 - 6.5	1.7/25.8	66087	2596 P-L	2004 08 24.5	22 14.70 -13 50.1 18.8	-0.78 - 4.4	0.9/23.7	66421
1999 RH ₁₉₅	2004 08 24.3	22 13.87 +09 16.1 18.3	-0.71 - 5.6	7.8/31.4	66090	2002 DL ₇	2004 08 24.5	22 14.74 -36 35.3 19.3	-0.88 - 3.6	7.8/16.3	66272
2003 HR ₂₅₅	2004 08 24.3	22 13.91 -18 44.5 21.2	-0.98 - 4.5	2.6/22.1	47572	1999 TK ₅₃	2004 08 24.5	22 14.75 -04 04.8 19.4	-0.72 - 4.2	2.0/26.7	66092
1999 TQ ₅₁₄	2004 08 24.3	22 13.97 -15 19.2 18.2	-0.76 - 4.6	1.6/23.0	66096	2001 VK ₃₃	2004 08 24.5	22 14.78 -21 14.6 20.8	-0.95 - 4.3	3.5/21.5	46877
2002 ET ₈₉	2004 08 24.3	22 14.00 +02 19.6 19.4	-0.66 - 7.1	3.5/29.1	66274	2000 GX ₁₇₇	2004 08 24.5	22 14.80 -20 01.0 19.7	-1.06 - 4.8	4.0/22.0	62295
2003 FA ₇₃	2004 08 24.3	22 14.00 -09 50.3 19.0	-0.93 - 7.7	0.4/24.7	66309	2000 UZ ₁₀	2004 08 24.5	22 14.81 +04 52.0 19.6	-0.88 - 2.7	5.5/29.0	30411
1995 SZ ₅₀	2004 08 24.3	22 14.02 -06 51.1 19.2	-0.79 - 5.2	1.6/25.6	66055	2000 SN ₁₅₇	2004 08 24.5	22 14.81 -15 37.5 18.8	-1.08 - 0.5	2.0/23.4	64836
2003 BB ₅₃	2004 08 24.3	22 14.04 -02 24.3 18.9	-1.54 + 5.6	4.3/25.6	65436	2000 BD ₁	2004 08 24.5	22 14.83 +05 09.5 18.1	-1.01 -19.0	6.5/30.6	66107
2001 TE ₉₀	2004 08 24.3	22 14.04 -16 11.3 18.9	-1.11 - 2.3	2.0/23.0	66222	2000 SX ₉₈	2004 08 24.5	22 14.83 -13 27.6 18.9	-1.01 - 1.2	1.0/23.9	66151

2002 BY ₂₂	2004 08 24.5	22 14.86	-31 45.4	18.8	-1.00	- 3.1	7.2/18.3	66265	1999 TR ₁₄₈	2004 08 24.7	22 15.48	-08 36.2	18.5	-0.74	- 5.1	0.8/25.5	66094
2000 SY ₁₀₂	2004 08 24.5	22 14.86	-12 58.3	19.2	-0.91	- 3.8	0.9/24.0	64827	2004 PX ₁₈	2004 08 24.7	22 15.50	-11 34.3	18.1	-0.77	-11.6	0.3/24.5	65946
1999 RO ₉₈	2004 08 24.5	22 14.87	-19 40.3	18.9	-0.83	- 3.8	3.1/21.9	64665	2002 CV ₁₆₀	2004 08 24.7	22 15.51	-25 30.1	20.4	-0.87	- 6.1	4.8/20.0	47182
2001 WH ₂₅	2004 08 24.5	22 14.89	-21 16.4	19.5	-0.94	- 5.5	3.4/21.4	46931	2003 GD ₃₆	2004 08 24.7	22 15.52	-22 30.1	19.5	-0.83	- 8.3	4.0/20.8	66311
2000 RN ₉₃	2004 08 24.6	22 14.81	-10 37.1	18.7	-0.80	- 7.6	0.1/24.7	64804	2001 QV ₂₀₀	2004 08 24.7	22 15.56	-04 43.5	18.2	-0.96	- 5.0	2.3/26.5	66197
2000 RQ ₄₁	2004 08 24.6	22 14.82	-08 44.2	18.3	-0.94	- 1.6	0.7/25.2	66144	2003 DB ₁₂	2004 08 24.8	22 15.57	-09 40.1	18.8	-0.84	-10.3	0.5/25.2	65450
2003 AS ₈	2004 08 24.6	22 14.85	-13 26.4	18.6	-0.93	-13.7	0.8/23.7	65414	1999 TM ₁₆₆	2004 08 24.8	22 15.58	+04 47.3	18.6	-0.73	- 4.0	4.7/29.7	66094
1999 BQ ₈	2004 08 24.6	22 14.86	-15 08.8	20.7	-0.98	- 6.5	1.8/23.3	47764	2001 VZ ₄₈	2004 08 24.8	22 15.59	-14 39.4	19.2	-0.98	- 4.8	1.5/23.7	66238
2003 FN ₁₀₉	2004 08 24.6	22 14.86	-32 34.1	21.4	-0.97	- 3.7	6.5/18.0	47484	2000 RQ	2004 08 24.8	22 15.59	+08 40.3	19.3	-0.79	- 7.4	7.4/31.6	27022
2001 VU ₉₁	2004 08 24.6	22 14.87	-22 06.8	19.3	-0.95	- 8.8	4.3/20.8	65152	2001 VB ₁₂₁	2004 08 24.8	22 15.62	-18 38.4	20.1	-0.89	- 4.9	2.4/22.4	30551
2000 SH ₁₆₄	2004 08 24.6	22 14.90	-00 15.6	17.9	-0.64	-15.8	4.3/29.0	64837	2000 SC ₁₃	2004 08 24.8	22 15.63	-19 01.3	18.3	-1.14	+ 2.5	3.7/23.1	66148
2001 YA ₅₂	2004 08 24.6	22 14.91	-11 45.9	18.9	-0.91	- 4.2	0.3/24.4	47086	2000 QZ ₉₉	2004 08 24.8	22 15.64	-18 23.8	18.0	-0.77	- 6.5	3.5/22.3	66136
2002 DD ₁₀	2004 08 24.6	22 14.92	-08 49.6	19.3	-0.91	- 1.7	0.7/25.2	65331	2000 SV ₁₈₉	2004 08 24.8	22 15.65	+01 50.2	19.6	-0.87	- 5.0	4.4/28.6	64841
2001 AK ₃₇	2004 08 24.6	22 14.92	-18 00.1	19.8	-0.89	- 1.3	2.0/22.7	12270	2002 CM ₉₁	2004 08 24.8	22 15.72	-14 16.3	19.2	-0.83	- 4.2	1.1/23.8	66268
2000 SO ₃₁₆	2004 08 24.6	22 14.93	+07 18.9	18.6	-0.93	- 1.9	6.3/29.6	66160	2004 KR ₁₆	2004 08 24.8	22 15.74	-16 46.6	19.7	-0.98	- 7.7	2.6/23.0	65842
1996 VY ₃₇	2004 08 24.6	22 14.97	-19 57.8	19.3	-0.97	- 4.5	3.4/21.9	66059	2002 AA ₅₆	2004 08 24.8	22 15.77	-10 04.6	20.5	-0.86	- 5.4	0.2/25.1	66260
2000 TD ₂₆	2004 08 24.6	22 14.98	-12 15.2	19.2	-0.84	- 5.2	0.5/24.2	66162	2001 XK ₅₆	2004 08 24.8	22 15.79	-14 45.6	18.3	-0.92	- 6.1	1.6/23.6	66247
2000 KP ₂₇	2004 08 24.6	22 14.99	-28 34.2	18.8	-0.94	- 4.5	8.1/19.2	25789	2001 TV ₆₂	2004 08 24.8	22 15.86	-19 59.4	19.5	-1.05	- 4.7	3.9/22.2	66220
4243 T-2	2004 08 24.6	22 15.03	-19 50.0	19.1	-0.90	- 3.9	3.3/22.0	66424	1999 TJ ₈₁	2004 08 24.8	22 15.92	+00 41.7	19.2	-0.70	- 7.0	3.9/28.8	66093
1999 TB ₃₃	2004 08 24.6	22 15.07	-10 03.3	19.2	-0.78	- 4.1	0.2/24.9	66092	2001 SP ₁₀₈	2004 08 24.8	22 15.93	-11 57.4	17.2	-1.03	- 2.8	0.5/24.6	66209
2003 BZ ₆₂	2004 08 24.6	22 15.08	-12 52.6	18.5	-0.91	- 7.2	0.8/24.0	66304	2001 TV ₈₅	2004 08 24.8	22 15.94	-06 35.3	19.6	-1.01	- 4.3	1.6/26.1	48120
2001 VR ₉	2004 08 24.6	22 15.08	-06 54.8	20.7	-0.97	- 4.8	1.5/25.8	65131	1999 TT ₁₁₅	2004 08 24.9	22 15.91	-02 54.5	18.9	-0.74	- 4.8	2.8/27.4	64677
2000 ST ₁₅	2004 08 24.6	22 15.08	+03 08.0	20.0	-0.79	- 7.8	4.7/29.4	29313	2004 PZ ₃₁	2004 08 24.9	22 15.92	-13 47.4	18.5	-0.87	- 9.1	1.2/23.9	65952
2001 XK ₆₁	2004 08 24.6	22 15.09	-08 02.8	19.5	-0.93	- 5.3	1.0/25.5	65194	2003 BU ₈₆	2004 08 24.9	22 15.97	-11 05.0	18.1	-1.45	+ 5.8	0.1/24.9	66304
2002 CG ₃₁	2004 08 24.6	22 15.09	-15 19.2	20.2	-1.00	- 1.8	1.5/23.5	29776	2000 YU ₃₉	2004 08 24.9	22 15.98	-10 46.7	20.2	-0.74	- 4.1	0.0/24.9	66179
2002 CG ₁₀₁	2004 08 24.6	22 15.22	-17 24.7	20.0	-0.79	- 3.3	1.9/22.7	38332	2001 YC ₁₀₇	2004 08 24.9	22 16.00	-03 28.3	18.8	-0.95	- 4.9	3.0/27.0	30599
2000 SM ₁₆₇	2004 08 24.6	22 15.22	-19 15.7	18.3	-1.13	+ 2.5	4.1/22.9	66155	2000 UM ₉₇	2004 08 24.9	22 16.03	+05 09.1	19.6	-0.93	- 3.4	6.1/29.3	9856
2000 SL ₁₅₇	2004 08 24.6	22 15.23	-20 02.5	19.1	-0.98	- 1.7	3.3/22.3	66154	2002 CN ₁₂	2004 08 24.9	22 16.04	-46 32.3	21.9	-1.34	- 0.6	9.3/13.9	30637
2002 AJ ₁₀₂	2004 08 24.6	22 15.24	-15 37.6	20.0	-0.83	- 5.2	1.5/23.2	30615	2003 FF ₈₇	2004 08 24.9	22 16.05	+07 22.5	19.3	-0.83	- 6.1	6.5/31.1	65480
2002 CB ₄₁	2004 08 24.6	22 15.25	+11 24.4	18.8	-0.85	- 0.7	6.4/31.1	30644	1999 VB ₁₅	2004 08 24.9	22 16.05	-11 12.2	19.3	-0.81	- 3.3	0.2/24.8	66098
1999 SO ₃	2004 08 24.7	22 15.18	+17 49.0	18.0	-1.06	+11.1	14.5/28.3	64671	1980 FK ₄	2004 08 24.9	22 16.08	-05 03.7	20.8	-0.78	- 6.4	1.6/26.8	23415
2001 UO ₄	2004 08 24.7	22 15.19	-25 09.9	19.4	-1.06	- 4.1	6.0/20.5	66227	2000 RN ₈₉	2004 08 24.9	22 16.16	+03 56.6	18.8	-0.77	- 8.1	5.4/30.1	66146
2002 EC ₈₂	2004 08 24.7	22 15.20	-02 43.2	18.8	-0.79	- 5.0	2.8/27.2	65334	2003 EL ₂₈	2004 08 24.9	22 16.18	-20 37.4	19.6	-1.00	- 3.3	3.6/22.2	66306
2000 UK ₉₉	2004 08 24.7	22 15.21	-12 51.9	18.8	-0.89	- 2.8	0.8/24.1	66167	2000 SG ₂₄₅	2004 08 24.9	22 16.20	-14 10.2	18.8	-0.76	- 8.9	1.4/23.8	66157
1998 XY ₅	2004 08 24.7	22 15.21	-08 37.8	17.8	-0.83	- 6.2	1.2/25.4	66079	2003 ER ₅₉	2004 08 24.9	22 16.22	+14 24.0	18.9	-1.09	- 0.5	8.9/31.9	50753
2003 HD ₁₅	2004 08 24.7	22 15.22	-11 41.0	19.2	-0.80	- 7.5	0.3/24.4	66312	2001 TN ₂₀	2004 08 24.9	22 16.22	-13 10.5	17.9	-1.08	- 0.2	1.2/24.4	66218
2002 BQ ₁₉	2004 08 24.7	22 15.24	-19 35.4	18.9	-0.89	- 7.9	3.3/21.8	66265	2003 HE ₃₆	2004 08 24.9	22 16.24	-22 29.7	19.0	-0.84	- 6.1	4.5/21.2	66312
2002 CA ₁₉	2004 08 24.7	22 15.25	+23 38.4	22.5	-0.82	- 5.8	8.7/06.3	30639	2000 RK ₁₀₀	2004 08 24.9	22 16.27	+22 10.1	18.5	-0.76	- 3.2	14.2/05.9	66147
2002 CF ₂₃₈	2004 08 24.7	22 15.27	-03 30.5	18.9	-0.82	-10.6	3.1/27.0	66271	2002 CQ ₈₀	2004 08 24.9	22 16.34	-13 36.8	19.4	-0.75	- 5.0	0.8/24.1	65312
1999 RT ₅₃	2004 08 24.7	22 15.29	-07 16.1	18.3	-0.68	- 8.9	1.4/26.0	66088	2000 WC ₁₆₇	2004 08 24.9	22 16.34	-11 02.2	18.1	-0.79	- 6.1	0.1/24.9	66174
1995 HF ₁	2004 08 24.7	22 15.29	-13 49.8	20.5	-0.90	- 6.5	1.1/23.8	27582	1994 SU ₁₂	2004 08 25.0	22 16.28	-15 07.7	19.5	-1.01	- 5.1	1.7/23.7	66053
1999 CK ₂₃	2004 08 24.7	22 15.30	-13 35.4	18.7	-0.89	- 8.3	1.0/23.8	66081	2003 AR ₇₂	2004 08 25.0	22 16.30	+09 44.5	21.4	-1.15	- 0.1	6.6/30.3	50735
2001 VW ₄₆	2004 08 24.7	22 15.30	-08 37.2	18.3	-1.01	- 4.2	0.9/25.3	66238	2001 UY ₃₈	2004 08 25.0	22 16.32	-16 36.0	19.7	-1.03	- 5.5	2.7/23.3	23856
2000 SV ₂₉₇	2004 08 24.7	22 15.32	+05 22.0	19.8	-0.83	- 5.6	5.6/29.8	31917	2000 YF ₉₇	2004 08 25.0	22 16.37	-23 48.0	19.1	-0.76	- 7.2	3.9/20.5	29649
2000 KW ₄₁	2004 08 24.7	22 15.40	-11 57.5	18.7	-0.86	- 9.0	0.5/24.4	66127	1994 UC ₇	2004 08 25.0	22 16.41	-11 37.1	20.8	-0.98	- 4.8	0.3/24.8	62213
2000 QN ₇₅	2004 08 24.7	22 15.41	-11 57.9	18.7	-0.82	- 3.8	0.5/24.4	64763	2002 GR ₁₇₄	2004 08 25.0	22 16.41	-09 49.5	18.5	-0.68	- 7.0	0.3/25.3	66277
2001 VW ₅₃	2004 08 24.7	22 15.41	-05 07.2	19.5	-0.98	- 4.5	2.3/26.4	30541	2000 KQ ₂₈	2004 08 25.0	22 16.46	-17 45.2	19.4	-0.99	- 5.4	2.9/23.0	66127
2001 UV ₁₅₇	2004 08 24.7	22 15.41	-02 09.0	18.8	-0.87	- 7.1	3.5/27.5	66234	2002 EQ ₄₃	2004 08 25.0	22 16.52	-10 44.4	20.3	-0.76	- 3.9	0.0/25.0	66273
2000 SU ₂₈₈	2004 08 24.7	22 15.42	-14 28.8	19.4	-1.07	0.0	1.4/23.9	47965	2001 XR ₃₅	2004 08 25.0	22 16.56	-09 34.4	19.4	-1.05	- 2.2	0.5/25.4	66246
2004 PO ₆₇	2004 08 24.7	22 15.45	+10 03.8	17.8	-0.80	- 1.0	6.9/30.8	65967	2002 CB ₄₀	2004 08 25.0	22 16.57	+05 41.5	19.9	-0.81	- 3.3	4.8/30.0	30644
2000 UO ₆₅	2004 08 24.7	22 15.47	-04 12.7	20.1	-0.82	- 4.6	2.2/26.8	66165	2002 CH ₇₈	2004 08 25.0	22 16.58	-17 17.8	19.5	-0.75	- 5.1	1.9/23.0	47175

1997 JC ₅	2004 08 25.0	22 16.61	-00 12.6	19.7	-0.68	- 7.7	3.0/28.8	66061	2000 XH ₂₀	2004 08 25.3	22 17.67	+04 14.2	16.9	-0.99	+ 5.2	7.6/28.1	64893
2001 YP ₂₀	2004 08 25.0	22 16.63	-02 44.0	18.8	-0.94	- 4.1	3.0/27.4	66255	2002 BU ₁₅	2004 08 25.3	22 17.69	-10 06.4	20.0	-0.70	- 6.3	0.1/25.5	50589
2001 WM ₅₃	2004 08 25.0	22 16.65	+00 04.8	19.6	-0.91	- 5.8	4.1/28.4	66244	2003 FA ₅₃	2004 08 25.3	22 17.71	-12 20.0	19.1	-1.08	- 1.5	0.6/24.9	50755
2000 SL ₃₀₃	2004 08 25.0	22 16.67	+06 08.6	18.7	-0.79	- 6.3	5.8/30.8	66160	2000 QU ₁₆₆	2004 08 25.3	22 17.73	-03 22.0	19.2	-0.85	- 4.8	3.0/27.6	66139
2003 HA ₁₃	2004 08 25.0	22 16.69	-08 48.4	18.7	-0.77	- 7.4	0.7/25.7	66312	2000 QS ₈₃	2004 08 25.3	22 17.74	-06 38.5	18.4	-0.85	- 5.2	1.5/26.6	66135
2001 YC ₈₀	2004 08 25.0	22 16.69	-22 18.7	20.4	-0.81	- 5.3	3.1/21.4	26102	2000 RK ₁₀₂	2004 08 25.3	22 17.81	-02 03.5	18.3	-0.96	- 1.3	3.0/27.6	66147
2002 CY ₁₉₈	2004 08 25.0	22 16.70	-13 54.5	18.7	-0.78	- 5.4	1.1/24.1	66270	2002 AJ ₁₅₁	2004 08 25.4	22 17.74	-12 14.0	19.1	-0.87	- 4.3	0.6/24.9	66263
2003 GJ ₁₅	2004 08 25.1	22 16.73	-39 15.2	18.9	-0.91	- 4.4	9.9/15.3	66311	2004 PB ₅₄	2004 08 25.4	22 17.77	-07 26.8	19.1	-0.94	- 5.2	1.3/26.3	65962
1998 BR ₁₀	2004 08 25.1	22 16.75	-15 42.8	19.4	-0.89	- 5.7	1.7/23.6	27593	2001 WD ₁₈	2004 08 25.4	22 17.80	-04 27.1	18.8	-0.93	- 5.7	2.3/27.3	66243
2001 TB ₁₅₂	2004 08 25.1	22 16.77	-08 16.1	19.2	-0.88	- 8.8	0.9/25.9	66224	2002 AN ₃₈	2004 08 25.4	22 17.80	-26 11.1	19.7	-0.84	- 7.0	4.7/20.2	50585
1999 TD ₁₄₉	2004 08 25.1	22 16.78	-13 00.7	19.6	-0.79	- 4.2	0.7/24.4	66094	2001 RE ₄₄	2004 08 25.4	22 17.81	-15 40.0	18.7	-0.95	- 8.0	2.0/23.8	66201
2002 GD ₂₃	2004 08 25.1	22 16.79	-08 00.9	19.0	-0.63	- 3.6	0.7/26.0	65340	2001 VM ₄₃	2004 08 25.4	22 17.81	+01 29.0	19.3	-0.91	- 5.2	4.9/29.1	66238
2001 XB ₆₄	2004 08 25.1	22 16.81	-15 29.2	18.3	-0.93	- 6.7	2.0/23.6	66248	2001 XD ₁₇₆	2004 08 25.4	22 17.82	-09 19.6	19.5	-0.86	- 5.9	0.5/25.8	65223
2002 CU ₅₆	2004 08 25.1	22 16.81	-13 13.1	19.0	-0.76	- 2.8	0.7/24.4	66267	2001 UO ₄₉	2004 08 25.4	22 17.84	-24 39.1	19.2	-0.98	- 6.7	5.6/20.9	65101
2000 ST ₂	2004 08 25.1	22 16.84	+12 33.6	18.4	-0.86	- 3.0	9.3/01.4	64809	2000 TH ₅₉	2004 08 25.4	22 17.85	-27 15.0	18.1	-0.72	- 9.5	7.2/19.2	66163
2002 AR ₁₂₅	2004 08 25.1	22 16.88	-14 08.1	18.9	-0.72	- 8.9	1.1/23.9	66262	1999 XH ₁₁₇	2004 08 25.4	22 17.87	+10 35.5	18.6	-0.79	- 1.5	7.9/31.6	64697
2000 XS ₆	2004 08 25.1	22 16.89	-26 01.0	18.5	-0.97	- 4.1	5.3/20.4	66176	2001 VH ₇₉	2004 08 25.4	22 17.87	+03 04.3	18.8	-0.85	- 4.0	7.0/29.6	65149
2001 XH ₅₉	2004 08 25.1	22 16.89	-09 44.5	19.8	-0.93	- 5.8	0.4/25.4	66247	2000 SX ₃₂₈	2004 08 25.4	22 17.89	+23 34.5	19.4	-0.82	- 4.5	11.5/07.0	47968
1999 GD ₄₁	2004 08 25.1	22 16.95	-14 52.2	20.0	-0.88	- 6.3	1.4/23.9	66084	2000 WC ₁₆₆	2004 08 25.4	22 17.89	-15 18.0	18.7	-0.80	- 6.1	1.7/23.9	66174
2002 AH ₁₇₅	2004 08 25.1	22 16.98	-06 47.0	18.9	-0.87	- 3.2	1.4/26.3	66263	2002 CN ₆	2004 08 25.4	22 17.91	-16 41.4	18.7	-1.20	+ 2.0	2.0/24.2	66265
2002 CJ ₁₈₃	2004 08 25.1	22 17.00	-23 12.9	18.3	-0.71	-13.3	4.0/20.2	66270	2001 YV ₆₇	2004 08 25.4	22 17.93	-02 16.5	17.9	-0.95	- 2.0	3.8/27.7	65253
2001 WC ₂	2004 08 25.1	22 17.04	+28 30.3	21.1	-0.89	- 1.7	9.4/07.2	23929	2001 TY ₃₆	2004 08 25.4	22 17.94	-17 30.8	17.8	-1.08	- 2.7	3.0/23.6	66219
2000 TU ₁₂	2004 08 25.2	22 17.01	-26 34.6	18.8	-0.89	- 4.5	5.5/20.2	66162	2003 HF ₄₉	2004 08 25.4	22 17.98	-15 18.4	20.8	-0.82	- 5.2	1.4/24.0	50200
1999 RK ₂₀₁	2004 08 25.2	22 17.01	+04 26.0	18.3	-0.76	- 3.8	4.8/29.9	66091	2000 UK ₆₅	2004 08 25.4	22 18.00	-22 37.3	20.4	-0.93	- 2.6	3.7/22.0	47979
2001 WJ ₃	2004 08 25.2	22 17.01	-08 37.5	20.0	-0.92	- 5.6	0.7/25.8	66242	2001 XH ₁₅₅	2004 08 25.4	22 18.01	-12 29.5	19.4	-0.87	- 6.1	0.7/24.9	66251
2004 PA ₁₄	2004 08 25.2	22 17.07	-18 43.1	19.0	-0.72	-10.6	2.6/22.3	65943	2003 EU ₄₁	2004 08 25.4	22 18.03	-06 46.3	18.7	-0.83	- 9.3	1.6/27.0	66307
1999 VU ₁₁	2004 08 25.2	22 17.08	-00 38.0	18.8	-0.82	- 1.7	3.6/28.0	38102	1991 GV ₁₀	2004 08 25.4	22 18.03	-22 33.9	19.5	-0.78	- 3.3	3.1/21.8	66049
2003 FD ₄₆	2004 08 25.2	22 17.08	-26 05.5	20.0	-1.01	- 1.2	5.6/21.2	47418	2001 WS ₅	2004 08 25.4	22 18.04	-13 29.9	19.1	-1.01	- 4.9	1.2/24.6	65162
2001 VX ₃₆	2004 08 25.2	22 17.10	-12 41.5	19.4	-0.95	- 5.5	0.8/24.6	66238	2619 T-3	2004 08 25.4	22 18.11	+10 06.3	21.0	-0.67	- 5.6	5.1/01.7	48392
2000 QP ₆₂	2004 08 25.2	22 17.15	-16 29.8	18.0	-0.65	-11.0	2.7/23.0	64761	2000 SQ ₁₆₄	2004 08 25.4	22 18.14	-37 44.6	19.1	-1.33	+ 3.1	12.5/18.3	7581
5017 T-3	2004 08 25.2	22 17.16	-15 01.9	18.3	-0.74	- 9.3	1.7/23.7	65985	2002 CE ₂₄₃	2004 08 25.4	22 18.18	-11 12.7	20.1	-0.85	- 3.8	0.2/25.3	66271
1999 XA ₁₁₃	2004 08 25.2	22 17.21	-11 28.4	18.0	-0.91	+ 0.1	0.3/25.0	66102	2002 GX ₁₇₀	2004 08 25.5	22 18.12	+01 26.5	19.6	-0.70	- 3.8	3.2/29.3	66277
2001 TH ₁₈	2004 08 25.2	22 17.26	-22 00.1	19.8	-1.06	- 4.4	4.8/22.0	64701	2004 PE ₈	2004 08 25.5	22 18.13	-12 30.6	18.4	-0.78	-10.6	0.9/24.8	65938
1999 XD ₂₇	2004 08 25.2	22 17.29	-11 15.7	17.7	-0.72	- 5.1	0.2/25.1	64696	2001 YR ₈₆	2004 08 25.5	22 18.15	-34 27.1	20.2	-0.80	- 7.5	6.6/17.0	50583
2000 SJ ₃₀₉	2004 08 25.2	22 17.36	-40 51.5	19.3	-1.12	- 1.1	10.4/15.7	33274	2002 AM ₅₈	2004 08 25.5	22 18.16	-17 17.7	18.9	-0.74	- 7.6	2.1/23.2	66260
2000 YW ₈₂	2004 08 25.2	22 17.41	+10 37.7	19.4	-0.71	- 3.3	5.3/01.2	66180	2001 VH ₁₂₆	2004 08 25.5	22 18.17	-18 18.7	20.9	-0.95	- 5.7	3.2/23.2	38329
2003 HD ₂₉	2004 08 25.2	22 17.45	-30 14.8	19.2	-1.02	- 1.4	6.5/20.0	50194	2004 PQ ₃₄	2004 08 25.5	22 18.17	-15 23.9	18.5	-0.92	- 3.5	2.4/24.1	65953
2000 WS ₁₄₆	2004 08 25.3	22 17.37	-14 18.2	19.6	-0.82	- 6.4	1.5/24.1	66173	2001 YG ₁₀₅	2004 08 25.5	22 18.28	-14 19.1	18.8	-0.86	- 6.9	1.4/24.3	66257
2000 SF ₂₁₇	2004 08 25.3	22 17.39	-18 50.3	18.9	-0.83	- 6.3	2.9/22.6	66156	1998 XC ₂₅	2004 08 25.5	22 18.33	-12 38.7	19.6	-0.98	- 6.2	0.8/24.9	66079
2000 SQ ₂₆₂	2004 08 25.3	22 17.42	-31 12.0	18.9	-1.01	- 2.8	6.7/19.1	29401	2003 HR ₃₀	2004 08 25.5	22 18.35	+07 43.4	20.6	-0.80	- 5.2	5.3/31.6	50195
2002 CL ₉₀	2004 08 25.3	22 17.46	-13 07.4	20.9	-0.73	- 4.6	0.7/24.5	66268	1997 WF ₂₂	2004 08 25.5	22 18.36	-15 32.6	18.7	-0.98	- 5.1	1.9/24.1	66064
2001 TA ₂₄₁	2004 08 25.3	22 17.49	-20 13.6	18.4	-1.02	- 3.4	3.8/22.6	65089	2002 BX	2004 08 25.5	22 18.37	+09 32.3	18.0	-1.61	+16.4	11.2/26.0	65297
2000 SO ₂₁₄	2004 08 25.3	22 17.52	-13 14.6	18.9	-0.92	- 3.2	1.0/24.6	66156	2000 QG ₄₆	2004 08 25.5	22 18.37	-08 42.4	18.8	-0.71	- 9.7	0.8/26.2	66134
2002 CN ₉₁	2004 08 25.3	22 17.53	-14 23.8	19.1	-0.80	-10.2	1.3/24.0	65313	2002 CZ ₁₀₉	2004 08 25.5	22 18.39	-13 14.1	19.2	-0.77	- 7.4	0.8/24.7	30660
2002 AL ₅	2004 08 25.3	22 17.53	-05 03.2	17.7	-1.11	+ 0.5	2.3/26.6	66259	2000 EP ₇	2004 08 25.5	22 18.39	-09 23.4	19.4	-0.96	- 7.0	0.5/25.9	66112
2004 PD ₃₀	2004 08 25.3	22 17.55	-09 16.7	18.4	-0.68	- 7.3	0.4/25.8	65952	1999 TA ₃₉	2004 08 25.5	22 18.41	+06 10.7	19.0	-0.74	- 3.8	4.9/30.9	66092
2004 PP ₂₈	2004 08 25.3	22 17.60	-09 10.7	19.1	-0.84	- 1.8	0.5/25.7	65950	2001 XP ₉₈	2004 08 25.5	22 18.42	-16 04.1	19.2	-0.99	- 4.9	2.2/23.9	65207
2000 QG ₁₆₉	2004 08 25.3	22 17.65	-07 33.0	17.8	-0.70	+ 2.0	1.8/26.1	66139	2003 EZ ₂₈	2004 08 25.5	22 18.43	-07 17.1	18.1	-0.80	- 9.3	1.4/26.7	66306
2002 AP ₁₇₀	2004 08 25.3	22 17.66	-14 11.4	20.5	-0.88	- 4.5	1.2/24.3	66263	2003 HD ₅₄	2004 08 25.5	22 18.43	-15 17.5	20.5	-0.91	- 4.7	1.5/24.2	50201
2004 NP ₁₀	2004 08 25.3	22 17.67	-19 53.3	17.7	-0.65	- 9.7	3.5/21.9	65893	2002 BV ₁	2004 08 25.5	22 18.45	-08 56.9	21.3	-0.78	- 7.1	0.4/26.1	48195
1999 TJ ₃₀	2004 08 25.3	22 17.67	+00 07.5	18.9	-0.70	- 6.4	3.8/29.0	66092	2001 VU ₇₂	2004 08 25.5	22 18.45	-08 18.7	20.0	-0.97	- 5.5	0.8/26.2	66240

2001 TB ₁₈₇	2004 08 25.5	22 18.52	+02 27.1	20.7	-0.92	- 6.3	4.8/29.6	46763	2002 CC ₃₀₇	2004 08 25.8	22 19.49	-19 46.6	20.2	-0.81	- 3.8	2.6/23.0	48213
2003 AV ₈₀	2004 08 25.6	22 18.51	-43 19.2	20.0	-1.16	- 4.4	9.9/14.9	48315	2000 FX ₄₃	2004 08 25.8	22 19.51	-24 29.8	19.1	-1.09	- 3.2	6.2/22.0	66116
2001 SG ₂₈₂	2004 08 25.6	22 18.55	-02 44.1	18.0	-0.75	- 7.4	4.2/28.3	66216	2002 AF ₁₆₂	2004 08 25.8	22 19.53	-06 05.7	19.9	-0.84	- 3.2	1.3/27.1	30624
2001 WY ₃₅	2004 08 25.6	22 18.61	-22 16.5	18.8	-0.80	- 8.0	6.0/21.5	66243	1999 TJ ₂₆₀	2004 08 25.8	22 19.56	-11 07.6	18.7	-0.75	- 4.2	0.3/25.7	49724
2004 PU ₉₈	2004 08 25.6	22 18.62	-21 10.3	18.7	-0.81	- 5.9	4.5/22.2	65977	2001 VP ₆₆	2004 08 25.8	22 19.57	-01 57.4	18.3	-0.90	- 1.7	4.6/28.1	66239
2002 AB ₁₅₅	2004 08 25.6	22 18.65	-16 15.2	19.2	-0.71	- 8.7	1.6/23.6	66263	1999 UN ₄₆	2004 08 25.8	22 19.63	-20 23.4	17.9	-0.90	0.0	3.9/23.3	66098
2001 VY ₆	2004 08 25.6	22 18.71	-20 10.1	19.7	-1.03	- 3.8	3.8/22.9	66236	2000 SY ₁₈₆	2004 08 25.9	22 19.58	+03 40.1	18.1	-0.96	- 1.0	5.2/29.5	66156
2001 VA ₄₆	2004 08 25.6	22 18.75	+03 09.4	17.5	-0.86	- 3.0	7.0/29.6	65142	2000 SA ₅₄	2004 08 25.9	22 19.64	-04 35.8	19.5	-0.86	- 5.8	2.2/27.7	47944
2003 GG ₂₂	2004 08 25.6	22 18.77	-07 00.3	20.6	-0.94	- 5.8	1.3/26.7	66311	1998 XU ₅₂	2004 08 25.9	22 19.66	-04 53.5	19.1	-0.99	- 4.5	1.9/27.5	47760
2004 PC ₈₁	2004 08 25.6	22 18.80	-11 38.7	18.1	-0.82	- 1.7	0.6/25.4	65973	2002 CL ₃₇	2004 08 25.9	22 19.67	-12 01.4	19.4	-0.95	- 3.4	0.6/25.5	29778
2002 AT ₁₄₇	2004 08 25.6	22 18.81	-05 30.2	19.8	-0.97	- 1.2	1.8/27.0	27410	2001 XD ₁₇₂	2004 08 25.9	22 19.70	-13 16.9	18.5	-0.95	- 6.0	1.3/25.1	65222
2002 EZ ₁₂₉	2004 08 25.6	22 18.82	+04 17.7	20.0	-0.78	- 5.2	4.2/30.4	31984	2003 HT ₄₇	2004 08 25.9	22 19.73	-38 22.2	18.8	-0.94	- 2.0	9.2/17.0	66312
2001 XV ₈₅	2004 08 25.6	22 18.84	-19 33.5	17.7	-0.79	-10.3	4.4/22.3	65201	2003 GO ₁₄	2004 08 25.9	22 19.75	-22 32.2	20.1	-0.96	- 5.4	4.7/22.2	47516
2002 AK ₁₁₁	2004 08 25.6	22 18.88	-02 05.3	19.0	-0.83	- 1.8	2.5/28.1	66262	3030 P-L	2004 08 25.9	22 19.78	+05 17.8	19.0	-0.77	- 3.1	4.9/30.7	66422
1993 TS ₂₉	2004 08 25.6	22 18.90	-15 07.1	19.5	-0.89	- 6.2	2.1/24.2	66051	2002 AP ₂₀₃	2004 08 25.9	22 19.81	-01 44.0	20.9	-0.94	- 1.9	2.8/28.3	38332
1997 WH ₃₆	2004 08 25.6	22 18.90	-06 20.4	18.7	-0.95	- 5.0	1.6/26.9	66064	2001 UL ₁₆	2004 08 25.9	22 19.83	-03 29.4	19.3	-0.96	- 3.1	2.7/27.9	65094
2001 UY ₁₅₇	2004 08 25.6	22 18.91	-13 21.3	19.9	-0.98	- 5.4	1.1/24.8	30526	2000 UU ₂₄	2004 08 25.9	22 19.84	+02 29.9	19.4	-0.77	- 7.6	5.1/30.3	64869
2001 SJ ₂₅₅	2004 08 25.6	22 18.92	-21 08.7	20.0	-1.08	- 4.6	4.6/22.6	25992	2003 DR ₉	2004 08 25.9	22 19.86	-09 06.2	19.9	-0.87	- 8.0	0.5/26.4	65450
2001 WQ ₉₀	2004 08 25.7	22 18.84	-02 51.6	18.5	-1.00	- 3.4	3.0/27.8	65177	1998 EM ₂₁	2004 08 25.9	22 19.88	-21 52.0	18.7	-0.99	- 1.6	3.8/22.9	66066
1999 RA ₂₀₁	2004 08 25.7	22 18.84	+05 19.7	18.0	-0.90	- 0.5	5.6/29.8	66090	2001 YE ₅₀	2004 08 25.9	22 19.90	-16 35.9	19.9	-0.95	- 5.5	2.3/24.1	27354
2003 FD ₉₀	2004 08 25.7	22 18.88	-06 00.3	18.9	-1.00	- 2.9	1.7/27.0	66310	1999 UU ₅₆	2004 08 25.9	22 19.91	+00 59.1	19.9	-0.68	- 5.3	3.1/29.8	33127
2003 BZ ₄₆	2004 08 25.7	22 18.88	-26 15.0	19.7	-0.98	- 6.7	6.0/20.8	65435	2001 YC ₄₀	2004 08 25.9	22 19.93	-14 11.6	18.6	-0.87	- 4.1	1.8/24.9	65248
2001 XJ ₁₈₆	2004 08 25.7	22 18.91	-16 18.6	18.5	-0.86	- 8.3	2.5/23.8	66252	2000 LU ₂₉	2004 08 25.9	22 19.93	-16 32.9	19.3	-0.84	- 8.7	2.8/23.9	64742
2001 WN ₄₇	2004 08 25.7	22 18.92	-15 20.9	18.6	-1.03	- 2.6	1.9/24.4	30557	2001 TD ₁₈₃	2004 08 25.9	22 19.96	-04 20.4	19.0	-0.99	- 4.2	2.3/27.7	66225
1998 FN ₈	2004 08 25.7	22 18.94	-18 29.5	21.2	-0.89	- 3.9	2.4/23.3	30262	2001 XG ₂₆₄	2004 08 25.9	22 19.96	-36 25.9	21.3	-1.02	- 3.7	7.8/17.7	47073
2000 SO ₂₈₈	2004 08 25.7	22 18.95	+07 10.2	19.5	-0.82	- 6.1	6.0/31.5	47965	2002 CU ₁₁₈	2004 08 25.9	22 19.97	-27 49.9	18.5	-0.88	- 2.9	5.9/20.7	66268
2000 YT ₂₉	2004 08 25.7	22 18.96	-12 58.5	19.3	-0.77	- 4.4	0.7/25.0	66179	2003 FE ₆₃	2004 08 25.9	22 20.00	-12 18.5	18.8	-0.87	- 7.6	0.7/25.4	66309
2000 QZ ₁₈₂	2004 08 25.7	22 18.99	-07 16.9	19.2	-0.99	- 2.1	1.1/26.6	66140	2001 YH ₈₂	2004 08 25.9	22 20.01	-17 37.6	19.1	-0.97	- 5.2	3.2/23.8	65254
2001 XT ₂₃	2004 08 25.7	22 18.99	-26 38.5	19.8	-0.89	- 4.2	5.0/20.7	50577	2002 GK ₁₆₀	2004 08 26.0	22 19.96	-06 25.6	19.3	-0.69	- 7.9	1.2/27.4	31605
2001 WE ₂	2004 08 25.7	22 19.04	-08 14.9	20.4	-1.00	- 4.5	0.7/26.4	30552	2001 SF ₃₅₀	2004 08 26.0	22 19.97	-15 15.4	19.8	-1.06	- 3.8	2.0/24.7	38326
2001 WT ₃₃	2004 08 25.7	22 19.07	-10 49.4	20.2	-0.90	- 6.2	0.1/25.6	46937	2004 OW ₁₁	2004 08 26.0	22 19.99	-22 50.3	18.1	-0.74	-11.7	5.5/21.3	65929
2002 AB ₁₂₃	2004 08 25.7	22 19.09	-13 44.4	20.4	-0.86	- 4.8	1.0/24.8	66262	2002 AJ ₁₃₃	2004 08 26.0	22 20.05	-16 26.8	20.4	-0.85	- 4.3	1.9/24.2	27811
1999 VH ₉₃	2004 08 25.7	22 19.13	-16 12.8	19.3	-0.77	- 3.6	1.6/24.0	66099	2001 UD ₁₅₅	2004 08 26.0	22 20.09	-25 56.6	17.2	-0.95	- 4.3	7.0/21.3	66234
2000 SH ₂₅₇	2004 08 25.7	22 19.17	-07 17.8	20.0	-0.82	- 7.0	1.2/26.8	66158	2001 XF ₁₉₅	2004 08 26.0	22 20.11	+07 36.8	19.8	-0.90	- 2.2	5.9/31.2	65229
2002 EO ₁₂₅	2004 08 25.7	22 19.19	-09 37.7	19.3	-0.70	- 5.7	0.2/26.1	65336	2002 CW ₂₀₃	2004 08 26.0	22 20.13	-13 50.3	18.7	-0.77	- 5.1	1.2/24.9	66270
2000 RX ₃₁	2004 08 25.7	22 19.21	-08 40.2	18.9	-0.95	- 1.9	0.6/26.3	66143	2001 XB ₈₅	2004 08 26.0	22 20.13	-44 53.3	18.8	-1.00	- 9.2	11.6/11.7	66249
6318 P-L	2004 08 25.7	22 19.22	-16 34.2	19.9	-0.97	- 1.9	2.0/24.1	66422	2001 XC ₁₉₉	2004 08 26.0	22 20.14	-07 26.4	17.7	-0.81	- 4.6	1.5/26.9	66253
1998 HG ₆₁	2004 08 25.7	22 19.23	-24 03.9	18.7	-0.94	- 1.7	4.8/22.2	66068	2001 UO ₈₃	2004 08 26.0	22 20.15	-19 07.0	19.9	-1.00	- 6.0	3.4/23.4	66231
2000 YC ₁₁₃	2004 08 25.7	22 19.23	-13 28.6	19.0	-0.78	- 4.4	0.9/24.9	66180	2003 GZ ₁₂	2004 08 26.0	22 20.15	-05 54.3	20.4	-0.89	- 6.6	1.5/27.5	50760
2001 XS ₂₀₈	2004 08 25.7	22 19.24	-21 11.4	18.3	-0.86	- 8.4	4.7/22.1	65232	2000 QQ ₃	2004 08 26.0	22 20.17	-13 29.2	18.3	-0.99	- 3.5	1.3/25.2	66133
1999 RF ₃₈	2004 08 25.7	22 19.27	-29 13.7	18.5	-1.09	+ 0.1	7.0/20.7	40358	2002 AU ₁₆₆	2004 08 26.0	22 20.24	-12 33.4	19.6	-0.72	- 7.3	0.7/25.3	50588
1999 VT ₁₃	2004 08 25.7	22 19.33	-37 10.0	20.4	-1.79	+ 3.4	12.9/20.0	46384	2003 BE ₁₇	2004 08 26.0	22 20.27	-10 34.1	19.2	-1.34	+ 3.2	0.1/26.0	65429
2003 HY ₃₄	2004 08 25.8	22 19.23	+04 10.7	20.0	-0.73	- 9.4	5.5/31.2	47560	2001 RS ₇₀	2004 08 26.0	22 20.27	+01 24.6	19.0	-0.97	- 5.2	4.9/29.6	66202
1999 TM ₆₅	2004 08 25.8	22 19.24	-08 59.3	20.0	-0.75	- 4.9	0.4/26.3	64675	2002 CG ₉₁	2004 08 26.0	22 20.30	-14 10.3	20.7	-0.84	- 5.9	1.3/24.9	48202
1999 TK ₂₅₀	2004 08 25.8	22 19.26	-27 30.2	19.2	-0.99	+ 0.4	5.0/21.4	31871	1998 HP ₂₅	2004 08 26.0	22 20.31	-10 24.6	19.4	-0.78	- 6.4	0.0/26.1	66068
2000 SQ ₁₂₃	2004 08 25.8	22 19.26	-13 34.4	18.3	-0.81	- 6.7	1.1/24.8	66153	2001 SW ₂₃₄	2004 08 26.1	22 20.31	-17 07.7	19.0	-1.05	- 4.6	2.8/24.2	66214
2002 CO ₅₂	2004 08 25.8	22 19.27	-10 36.4	19.3	-0.77	- 6.2	0.0/25.8	66266	2000 UL ₆₇	2004 08 26.1	22 20.32	+08 04.7	20.4	-0.78	- 4.6	5.4/01.0	47980
2000 RC ₁₆	2004 08 25.8	22 19.28	-09 07.3	16.9	-1.18	+ 2.3	0.5/26.1	66142	1999 TA ₁₈₅	2004 08 26.1	22 20.33	+07 45.9	18.7	-0.82	- 1.7	6.1/31.3	64680
2000 RL ₈₂	2004 08 25.8	22 19.41	+00 29.3	18.8	-0.92	- 2.2	3.5/28.8	66146	1999 TE ₁₇₄	2004 08 26.1	22 20.38	-35 16.4	18.6	-0.84	- 2.6	6.7/18.0	66095
2000 YM ₄	2004 08 25.8	22 19.44	-08 57.2	19.3	-0.80	- 4.4	0.5/26.3	66178	2002 CA ₁₁₈	2004 08 26.1	22 20.40	-08 08.3	19.0	-0.69	- 6.9	0.7/26.9	66268
2002 AU ₈₀	2004 08 25.8	22 19.46	-11 21.9	18.8	-0.88	- 7.9	0.3/25.6	66261	2002 CZ ₁₄₉	2004 08 26.1	22 20.40	-14 10.9	20.1	-0.76	- 4.2	1.2/24.9	29844

1999 VS ₉₅	2004 08 26.1	22 20.42	+32 01.9	19.4	-0.82	- 9.8	19.9/16.0	64691	1981 EF ₂₂	2004 08 26.3	22 21.47	-07 20.0	20.0	-0.93	- 6.0	1.0/27.3	47680
2000 YZ ₅₇	2004 08 26.1	22 20.43	-03 00.4	20.0	-0.76	- 3.3	2.1/28.3	17513	1999 VQ ₂₀₀	2004 08 26.3	22 21.48	-11 01.4	17.8	-0.88	- 1.5	0.3/26.2	66100
2002 CP ₃₈	2004 08 26.1	22 20.44	-08 52.4	19.7	-0.79	- 5.9	0.5/26.6	66266	2000 QH ₂₁₁	2004 08 26.4	22 21.43	-20 28.6	19.7	-1.01	- 1.6	4.0/23.7	66141
2004 PP ₂₉	2004 08 26.1	22 20.45	-13 26.7	19.3	-0.85	- 6.8	1.4/25.1	65951	2000 QA ₁₉₁	2004 08 26.4	22 21.56	-17 41.1	17.2	-0.66	-14.9	3.2/23.4	64781
2002 AJ ₁₃	2004 08 26.1	22 20.45	-15 31.4	19.6	-0.85	- 5.5	1.5/24.5	48184	2004 PE ₁₄	2004 08 26.4	22 21.58	-15 54.4	18.5	-0.81	- 7.1	2.8/24.5	65943
2002 EM ₃₁	2004 08 26.1	22 20.54	+02 02.0	20.5	-0.79	- 5.0	3.4/30.1	30706	2004 LW ₁₇	2004 08 26.4	22 21.65	-23 08.8	17.9	-0.69	- 6.4	6.2/22.0	65863
2002 AV ₁₅₂	2004 08 26.1	22 20.56	-15 46.1	18.8	-0.73	- 6.1	1.6/24.4	66263	2001 UX ₁₁₆	2004 08 26.4	22 21.66	-08 45.6	20.4	-0.94	- 6.6	0.6/26.9	48141
2002 AW ₁₅₄	2004 08 26.1	22 20.58	-09 28.0	20.1	-0.91	- 4.1	0.3/26.4	27813	2004 LR ₁₆	2004 08 26.4	22 21.67	+07 51.5	17.9	-0.94	- 1.9	9.0/31.9	65862
2001 VF ₁₀₆	2004 08 26.1	22 20.74	-24 02.7	19.7	-1.09	- 3.3	5.8/22.3	23924	2000 SO ₁₃₁	2004 08 26.4	22 21.77	+15 03.8	18.4	-0.91	- 2.1	8.8/03.0	66153
2001 YA ₁₁	2004 08 26.2	22 20.67	-07 49.0	18.7	-0.88	- 4.2	1.2/26.9	65244	2003 FU ₅₇	2004 08 26.4	22 21.79	-24 30.5	18.3	-0.97	- 3.3	6.0/22.3	65476
2002 CN ₁₆₈	2004 08 26.2	22 20.68	-20 29.8	19.2	-0.77	- 3.7	3.1/23.1	66270	2000 QB ₂₁₃	2004 08 26.4	22 21.82	-19 32.0	18.8	-0.99	- 2.0	3.0/24.0	66141
2000 YO ₆₄	2004 08 26.2	22 20.69	+14 20.9	18.8	-0.90	+ 0.8	8.1/01.9	66179	2000 ST ₂₇₉	2004 08 26.4	22 21.83	-32 32.1	18.2	-0.92	- 5.5	7.8/18.8	66158
2000 TS ₁₃	2004 08 26.2	22 20.72	-11 20.7	20.3	-0.89	- 4.6	0.3/25.9	33277	2001 UO ₃₄	2004 08 26.5	22 21.85	-10 40.4	18.6	-0.89	- 8.5	0.2/26.4	66229
1996 RJ ₁	2004 08 26.2	22 20.76	-18 59.3	18.6	-0.98	- 0.1	4.0/24.1	66057	2000 SG ₁₁₁	2004 08 26.5	22 21.85	-07 42.1	17.4	-0.69	- 7.5	1.2/27.4	66152
1999 TE ₉₁	2004 08 26.2	22 20.77	-17 01.1	18.6	-0.75	- 4.2	1.8/24.1	66093	2002 AW ₁₅₉	2004 08 26.5	22 21.86	-10 52.9	19.8	-0.88	- 6.9	0.3/26.3	30624
2002 CF ₂₈	2004 08 26.2	22 20.84	-16 09.7	21.1	-0.89	- 3.9	1.7/24.5	29775	2002 DU ₉	2004 08 26.5	22 21.89	-34 46.0	20.7	-0.92	- 5.2	6.9/18.1	30698
2000 QG ₁₇₅	2004 08 26.2	22 20.86	-04 18.4	18.0	-0.76	- 8.4	2.5/28.3	66139	2001 BP ₅₈	2004 08 26.5	22 21.89	+09 15.6	19.0	-0.93	+ 0.9	5.5/31.4	12279
1997 XS ₁₀	2004 08 26.2	22 20.93	-18 00.9	18.4	-0.96	- 2.7	3.8/24.1	66064	1998 XS ₉₆	2004 08 26.5	22 21.93	-13 39.6	18.5	-1.01	- 7.5	1.7/25.5	66079
2001 WW ₇₆	2004 08 26.2	22 20.95	-09 30.8	20.6	-0.93	- 5.3	0.3/26.5	50576	2002 CF ₅₀	2004 08 26.5	22 21.95	-09 10.9	19.2	-0.76	- 4.9	0.3/26.9	66266
2002 AQ ₁₁₁	2004 08 26.2	22 20.96	-13 00.4	19.8	-0.83	- 5.5	0.9/25.4	66262	2003 DG ₂₂	2004 08 26.5	22 21.95	-20 00.1	19.1	-0.93	- 8.4	3.8/23.3	65454
2002 AK ₆₀	2004 08 26.2	22 20.99	-22 04.8	19.5	-0.80	-12.4	4.0/21.8	30610	2001 VE ₄₆	2004 08 26.5	22 21.97	-02 46.1	18.7	-0.95	- 5.7	3.0/28.7	66238
2001 YW ₁₀₄	2004 08 26.2	22 21.00	-15 10.1	19.0	-0.95	- 7.2	2.2/24.7	65258	2001 VR ₁₀₈	2004 08 26.5	22 21.99	+04 20.0	20.3	-0.94	- 4.4	5.2/30.8	30549
2004 PL ₈	2004 08 26.2	22 21.04	-09 31.0	17.6	-0.77	- 3.5	0.4/26.5	65938	2002 AT ₁₈₄	2004 08 26.5	22 22.00	-34 05.7	17.6	-0.90	- 6.5	9.7/17.7	66264
2002 CV ₇₀	2004 08 26.2	22 21.04	-00 11.5	19.7	-1.11	+ 2.1	3.7/28.4	30650	2000 SZ ₂₂₈	2004 08 26.5	22 22.02	-16 49.6	19.2	-0.90	- 3.3	2.4/24.6	66157
2000 QB ₈₅	2004 08 26.2	22 21.05	+00 20.4	18.5	-0.95	- 2.2	4.2/29.2	66135	2000 QW ₁₇₆	2004 08 26.5	22 22.04	-06 46.4	18.4	-1.01	- 1.2	1.2/27.4	66139
2001 VA ₁₁₂	2004 08 26.2	22 21.10	-05 34.2	19.4	-0.92	- 4.7	2.2/27.7	30549	2001 UO ₁₇₉	2004 08 26.5	22 22.06	-07 26.8	18.5	-0.91	- 3.2	1.4/27.3	65125
2000 UG ₁₄	2004 08 26.2	22 21.12	-24 41.2	18.4	-0.95	- 4.9	6.8/21.5	64867	2002 GR ₄₉	2004 08 26.5	22 22.10	-00 27.8	19.8	-0.78	- 2.7	2.9/29.5	48228
2004 NA ₁₆	2004 08 26.2	22 21.13	-09 02.9	17.8	-1.10	+ 3.2	0.5/26.5	65899	2001 XU ₁₇₈	2004 08 26.5	22 22.11	-09 05.2	20.1	-0.83	- 5.2	0.3/26.9	25482
2002 AV ₁₆₂	2004 08 26.3	22 21.06	-10 17.1	20.5	-0.83	- 6.4	0.0/26.3	30624	2002 FD ₂₆	2004 08 26.5	22 22.14	-23 21.8	19.3	-0.71	- 7.3	3.5/21.9	31989
2000 SW ₂₂₃	2004 08 26.3	22 21.07	-07 07.2	19.0	-0.77	- 5.4	1.5/27.0	64844	1999 JF ₁₀	2004 08 26.6	22 22.15	-27 59.1	19.6	-0.92	- 5.7	6.1/20.9	50408
2004 KQ ₁₆	2004 08 26.3	22 21.11	-22 18.3	18.3	-0.67	-10.9	4.3/21.6	65842	2002 CQ ₂₁₂	2004 08 26.6	22 22.15	-09 25.4	19.1	-0.85	- 3.4	0.3/26.8	66270
2001 VJ ₈	2004 08 26.3	22 21.11	-02 09.9	20.1	-0.97	- 4.8	3.5/28.7	30530	2002 AG ₂₃	2004 08 26.6	22 22.16	-04 05.4	18.6	-0.86	- 6.6	2.6/28.5	66259
2001 BH ₇	2004 08 26.3	22 21.14	+00 18.0	19.3	-0.86	- 0.8	3.1/29.1	13805	1994 UL ₈	2004 08 26.6	22 22.16	-13 04.5	20.2	-1.00	- 4.4	1.1/25.8	47694
2004 NQ ₇	2004 08 26.3	22 21.16	-14 05.7	17.4	-0.87	-24.9	1.7/24.7	65889	2000 TU ₁₁	2004 08 26.6	22 22.21	-14 07.2	20.0	-0.82	- 4.1	1.1/25.4	25267
2001 XT ₂₄	2004 08 26.3	22 21.17	-06 58.3	19.0	-0.97	- 2.8	1.2/27.2	66246	2002 AD ₁₉₂	2004 08 26.6	22 22.28	-09 26.5	17.7	-0.78	- 3.9	0.4/26.9	65295
2004 PE ₃₂	2004 08 26.3	22 21.18	-13 06.1	18.7	-1.03	- 1.5	1.3/25.6	65952	2002 GJ ₁₁₇	2004 08 26.6	22 22.33	-03 32.4	19.0	-0.68	- 8.4	1.9/29.0	32007
1997 KM ₄	2004 08 26.3	22 21.20	-07 25.8	19.7	-0.67	- 7.4	0.7/27.3	28964	1999 TP ₃₁₉	2004 08 26.6	22 22.33	-16 52.2	19.3	-0.82	- 2.2	2.7/24.7	66097
2002 GX ₁₀₁	2004 08 26.3	22 21.20	-03 36.0	20.5	-0.66	- 6.6	1.7/28.6	31574	2000 SY ₃₇	2004 08 26.6	22 22.34	-12 32.4	17.9	-0.67	- 8.2	1.1/25.8	64815
2003 GM ₄₀	2004 08 26.3	22 21.22	-14 05.7	21.4	-0.94	- 6.1	1.3/25.2	62444	2001 XW ₅₁	2004 08 26.6	22 22.38	-09 20.0	18.9	-0.91	- 5.7	0.3/26.9	65192
2000 RJ ₉₇	2004 08 26.3	22 21.23	+14 55.4	19.0	-0.81	- 6.1	9.7/04.6	46461	2003 AQ ₇₁	2004 08 26.6	22 22.44	+26 22.6	17.9	-1.39	+ 5.7	18.5/04.4	66302
2001 YC ₄₇	2004 08 26.3	22 21.23	-14 51.7	19.0	-0.90	- 4.3	1.5/25.0	66255	2001 WY ₇	2004 08 26.6	22 22.48	-03 51.7	18.4	-0.90	- 7.8	2.6/28.7	66242
2000 YK ₁₃₅	2004 08 26.3	22 21.23	-27 48.5	20.6	-0.90	- 1.7	4.6/21.2	48003	1994 PX ₃₈	2004 08 26.6	22 22.48	-10 33.4	17.9	-0.75	- 8.5	0.2/26.5	66053
2003 BJ ₄₉	2004 08 26.3	22 21.27	-05 12.0	18.6	-1.53	+ 6.0	2.6/27.0	65436	2002 CU ₃₉	2004 08 26.6	22 22.50	+02 39.6	20.5	-0.79	- 4.6	3.6/30.7	30643
2001 XB ₁₅₂	2004 08 26.3	22 21.28	-19 45.4	19.7	-0.95	- 6.0	3.6/23.4	65218	1999 FZ ₂₁	2004 08 26.6	22 22.52	-03 22.1	19.3	-0.90	- 6.5	2.3/28.8	66083
1995 OZ ₁₂	2004 08 26.3	22 21.32	-13 01.2	20.0	-0.78	- 9.2	0.9/25.4	30248	2001 XK ₁₀₃	2004 08 26.6	22 22.54	-27 17.7	17.2	-0.89	+ 5.0	10.3/22.8	65209
1995 UZ ₁₇	2004 08 26.3	22 21.33	-13 31.3	19.5	-0.88	- 3.0	1.1/25.4	60470	2002 AC ₃₇	2004 08 26.6	22 22.54	-15 30.8	20.6	-0.86	- 6.1	1.6/25.0	30608
2000 SM ₃₄₇	2004 08 26.3	22 21.33	-37 36.2	19.1	-0.93	- 5.8	10.5/16.2	66161	1999 LF ₅	2004 08 26.7	22 22.50	-04 12.7	18.9	-0.77	-10.3	2.0/28.8	66086
2002 EC ₁₀₁	2004 08 26.3	22 21.34	-23 06.1	19.5	-0.87	- 2.4	3.7/22.6	30058	2000 SB ₃₉	2004 08 26.7	22 22.53	-26 11.5	18.4	-0.99	- 3.5	5.6/21.8	66149
2001 UR ₇₄	2004 08 26.3	22 21.36	-21 23.1	19.2	-1.02	- 6.6	4.7/22.9	65107	2004 PJ ₅₁	2004 08 26.7	22 22.54	-18 02.1	17.9	-0.78	- 5.4	3.8/24.1	65961
1999 UM ₃₇	2004 08 26.3	22 21.44	-13 43.1	19.7	-0.78	- 4.3	1.1/25.3	66098	2002 CW ₁₃₂	2004 08 26.7	22 22.55	-10 44.4	19.5	-0.81	- 4.3	0.2/26.5	66269
2001 BB ₆	2004 08 26.3	22 21.46	-30 09.9	18.6	-0.78	- 5.6	5.1/19.4	31389	2000 SD ₂₂₉	2004 08 26.7	22 22.59	-11 40.3	19.4	-0.86	- 4.3	0.6/26.3	66157

2002 CJ ₉₂	2004 08 26.7	22 22.59	-15 18.6	18.6	-0.76	- 7.6	1.8/25.0	66268	2002 VZ ₁₂₅	2004 08 26.9	22 23.63	+27 27.7	19.1	-1.18	- 0.3	13.2/08.5	65390
2002 AP ₁₃₄	2004 08 26.7	22 22.60	-19 04.4	18.8	-0.87	- 8.6	3.5/23.7	65289	2001 SX ₃₀₆	2004 08 26.9	22 23.64	-12 30.2	18.6	-0.96	- 2.8	1.3/26.3	66216
2000 SV ₁₈₁	2004 08 26.7	22 22.61	-20 10.2	19.2	-0.95	- 4.4	4.1/23.7	66155	2004 PM ₈	2004 08 26.9	22 23.67	-08 10.3	18.2	-0.88	- 3.2	0.9/27.5	65938
1993 XC	2004 08 26.7	22 22.63	-07 50.7	20.0	-0.66	- 4.9	0.6/27.5	66052	2000 XN ₃₀	2004 08 27.0	22 23.62	+01 14.4	21.1	-0.77	- 2.5	2.9/30.4	8328
1999 KE ₁₃	2004 08 26.7	22 22.64	-32 53.4	18.3	-0.94	- 4.3	8.1/19.5	46368	2002 CZ ₁₀₂	2004 08 27.0	22 23.66	-13 54.6	19.8	-0.75	- 5.1	1.2/25.8	66268
1999 TR ₁₈₉	2004 08 26.7	22 22.67	-10 18.0	18.8	-0.84	- 1.6	0.1/26.7	64681	2000 TD ₃₆	2004 08 27.0	22 23.68	-00 58.0	18.8	-0.86	- 5.4	3.1/29.8	66162
1999 RM ₂₀	2004 08 26.7	22 22.76	-01 37.1	18.6	-0.72	- 6.4	2.7/29.6	66088	2000 QD ₂₁₂	2004 08 27.0	22 23.69	-06 57.0	18.5	-0.79	- 9.7	1.0/28.1	66141
2000 UR ₄₁	2004 08 26.7	22 22.77	-21 45.4	19.7	-0.86	- 3.9	3.7/23.2	66164	2001 ST ₁₄₉	2004 08 27.0	22 23.74	-06 01.6	18.4	-1.00	- 4.6	1.6/28.2	66211
2001 XD ₃₇	2004 08 26.7	22 22.79	-15 52.3	19.8	-1.05	- 2.5	2.3/25.2	62383	2001 TX ₉₉	2004 08 27.0	22 23.75	-11 50.4	19.2	-1.01	- 3.6	0.9/26.5	65068
2001 VT ₁₂₀	2004 08 26.7	22 22.80	-18 18.8	18.1	-1.03	- 4.9	3.6/24.3	65160	2002 FA ₃₄	2004 08 27.0	22 23.78	-13 21.1	19.7	-0.75	- 3.2	0.9/26.0	30115
1999 QJ ₁	2004 08 26.7	22 22.84	-08 20.8	18.9	-0.72	- 7.5	0.5/27.4	66087	2001 QD ₂₉₃	2004 08 27.0	22 23.81	+04 00.0	17.7	-1.19	+ 1.1	4.8/30.1	64969
2000 WX ₃₂	2004 08 26.7	22 22.88	-29 28.2	18.9	-0.79	- 5.3	5.1/20.2	50504	1999 TA ₈₇	2004 08 27.0	22 23.82	-10 22.5	19.3	-0.79	- 3.9	0.1/26.9	66093
2004 LZ ₈	2004 08 26.7	22 22.89	+18 31.5	17.6	-1.51	+10.4	14.4/31.1	66385	2001 UR ₁₅₆	2004 08 27.0	22 23.82	-18 57.1	19.6	-0.93	- 5.6	3.0/24.3	66234
2000 RZ ₃₄	2004 08 26.7	22 22.89	-08 24.2	17.9	-0.91	- 1.9	0.8/27.0	64795	2003 BR ₆₁	2004 08 27.0	22 23.83	-12 58.6	19.1	-0.87	-14.8	1.1/25.9	65438
2001 SC ₂₅₆	2004 08 26.7	22 22.91	-16 44.4	18.4	-0.98	- 5.6	2.5/24.8	66215	2001 WD ₁₀	2004 08 27.0	22 23.85	-07 00.5	19.7	-0.95	- 8.1	1.2/28.0	26055
2001 UY ₁₄₀	2004 08 26.7	22 22.93	-03 50.0	19.9	-0.92	- 6.5	2.3/28.7	46832	1999 RY ₆	2004 08 27.0	22 23.86	-06 55.0	19.3	-0.70	- 8.3	1.0/28.2	66088
1996 XB ₂₆	2004 08 26.7	22 22.93	-01 58.8	19.0	-0.84	- 4.5	2.7/29.3	66059	2003 FR ₂₀	2004 08 27.0	22 23.88	-00 03.7	18.6	-0.82	- 8.9	4.0/30.5	66308
2003 BQ ₈₉	2004 08 26.8	22 22.88	-11 13.5	21.2	-0.99	- 5.9	0.4/26.5	48323	2004 PN ₇₉	2004 08 27.0	22 23.91	-03 33.2	18.1	-0.84	- 5.8	2.9/29.1	65972
2001 QQ ₂₂	2004 08 26.8	22 22.98	-07 54.6	17.7	-0.98	- 3.7	1.1/27.4	66192	2003 EK ₄₆	2004 08 27.0	22 23.92	-10 43.9	19.0	-0.94	- 4.7	0.3/26.9	66307
3310 T-3	2004 08 26.8	22 23.05	-17 08.9	19.5	-0.78	- 3.8	2.0/24.7	30774	2002 CK ₁₆₃	2004 08 27.0	22 23.92	-15 13.9	18.9	-0.98	- 2.5	1.8/25.6	66269
2001 TE ₂₀₆	2004 08 26.8	22 23.06	-11 07.8	20.2	-1.01	- 4.9	0.4/26.5	66226	2004 QW ₆	2004 08 27.0	22 23.95	-23 01.0	19.0	-0.74	- 7.2	4.1/22.5	65982
2003 JG ₂	2004 08 26.8	22 23.09	-14 05.4	18.9	-0.78	- 5.3	1.4/25.6	61718	2001 XS ₂₂₂	2004 08 27.0	22 23.95	-04 54.7	18.2	-0.93	- 4.8	2.2/28.6	65235
2003 CP ₁₃	2004 08 26.8	22 23.11	-26 11.2	17.3	-1.11	+ 0.2	7.2/23.0	50745	2003 FM ₄₁	2004 08 27.0	22 23.96	-30 00.8	18.1	-1.20	+ 2.0	8.6/22.6	66308
2004 PH	2004 08 26.8	22 23.13	-03 38.5	18.3	-0.82	- 6.2	3.0/28.9	65931	2000 QP ₉₁	2004 08 27.0	22 23.99	-07 13.3	19.0	-0.96	- 3.5	1.1/27.9	66136
2000 SQ ₁₃₅	2004 08 26.8	22 23.18	-15 44.6	18.9	-1.04	- 0.3	2.1/25.5	27711	2001 WF ₆₇	2004 08 27.0	22 23.99	-11 12.0	19.8	-0.92	- 5.9	0.4/26.7	66244
2001 UQ ₁₀₅	2004 08 26.8	22 23.19	-20 05.7	18.9	-1.03	- 3.9	4.1/24.1	66232	1999 XT ₁₁₃	2004 08 27.0	22 24.04	+15 09.3	18.7	-0.81	- 1.2	7.6/03.6	66102
2000 WV ₁₂₈	2004 08 26.8	22 23.22	-04 50.6	20.0	-0.82	- 4.3	1.8/28.5	66173	2002 AK ₁₈₇	2004 08 27.0	22 24.05	-19 45.2	18.0	-1.10	- 0.8	4.5/24.6	65295
2004 QW ₄	2004 08 26.9	22 23.24	+02 05.2	19.4	-0.82	- 1.3	4.5/30.3	65981	2000 SR ₂₄₂	2004 08 27.1	22 23.99	-15 31.5	18.6	-0.85	- 6.1	2.4/25.3	66157
2000 SQ ₁₂₁	2004 08 26.9	22 23.30	-35 40.1	18.0	-1.11	+ 0.1	11.4/19.1	64829	2001 TV ₁₇₂	2004 08 27.1	22 24.00	-12 09.2	19.2	-0.98	- 5.7	1.0/26.5	65080
2002 FY ₁₄	2004 08 26.9	22 23.30	-26 14.8	20.3	-0.89	- 2.2	4.6/22.2	31987	2000 VK ₁₂	2004 08 27.1	22 24.01	+01 47.4	19.6	-0.82	- 6.4	4.1/30.9	66168
2001 SO ₄₈	2004 08 26.9	22 23.31	-19 10.7	18.0	-0.86	- 5.1	4.8/24.1	64997	2001 UB ₆₇	2004 08 27.1	22 24.06	-18 14.7	19.7	-1.03	- 4.2	3.3/24.8	50569
2000 JP	2004 08 26.9	22 23.32	-08 13.4	19.9	-1.02	- 4.2	0.8/27.4	66123	2000 SH ₂₈₃	2004 08 27.1	22 24.09	-04 59.5	18.6	-1.04	+ 2.1	2.3/28.2	66159
2002 CP ₁₆₂	2004 08 26.9	22 23.33	-12 59.3	19.5	-0.81	- 2.3	0.8/26.1	30673	2004 PJ ₇₉	2004 08 27.1	22 24.12	-02 17.3	19.6	-0.68	- 5.9	2.8/29.7	65972
2000 RD ₃₈	2004 08 26.9	22 23.33	-09 31.5	18.5	-0.82	- 6.0	8.6/16.0	66143	1999 LM	2004 08 27.1	22 24.15	+13 33.7	18.9	-0.85	- 5.2	8.8/04.4	66086
1999 JT ₉	2004 08 26.9	22 23.34	-19 47.7	18.4	-0.96	- 6.1	3.5/23.9	66085	2000 UR ₇₇	2004 08 27.1	22 24.20	-21 39.4	19.2	-0.88	- 4.2	4.1/23.6	66166
2000 TM ₂₂	2004 08 26.9	22 23.34	-06 50.2	18.1	-0.92	- 2.0	1.2/27.8	66162	2001 TJ ₁₉₀	2004 08 27.1	22 24.20	-25 28.5	18.5	-1.11	- 0.9	7.7/23.0	66226
2000 SD ₂₆	2004 08 26.9	22 23.35	+10 15.8	18.3	-0.82	- 5.7	8.1/02.7	66148	2003 BN ₄₈	2004 08 27.1	22 24.31	-10 07.0	18.0	-1.04	- 2.2	0.1/27.1	66303
2000 YO ₆₃	2004 08 26.9	22 23.37	-06 35.2	19.3	-0.75	- 3.1	1.0/28.0	66179	2003 FS ₇₈	2004 08 27.1	22 24.35	-27 54.1	18.9	-1.17	+ 0.1	6.9/22.8	66309
2002 CZ ₂₄₇	2004 08 26.9	22 23.38	-12 51.0	19.7	-0.72	- 4.1	0.7/26.1	29902	2002 CM ₂₃₉	2004 08 27.2	22 24.32	-08 39.0	20.8	-0.90	- 4.0	0.4/27.6	30688
1999 TR ₂₇₃	2004 08 26.9	22 23.41	+01 07.7	17.5	-0.92	+ 0.2	3.9/29.8	66097	2003 EX ₅₇	2004 08 27.2	22 24.35	-24 23.3	19.5	-0.82	- 7.0	4.5/22.3	48339
2002 FQ ₃₃	2004 08 26.9	22 23.45	-07 46.4	19.4	-0.90	- 2.5	0.7/27.6	65339	2000 OQ ₈	2004 08 27.2	22 24.37	+01 49.7	18.4	-1.12	+ 2.0	5.2/29.9	64745
2000 OD ₄₃	2004 08 26.9	22 23.50	-05 58.9	17.8	-0.67	-11.0	1.9/28.5	66131	2001 CL ₃₁	2004 08 27.2	22 24.42	-03 01.1	19.4	-0.85	- 0.7	2.2/29.1	64905
2001 UT ₂₅	2004 08 26.9	22 23.51	-08 41.6	18.5	-1.12	- 1.5	11.3/07.0	65096	2003 FL ₈₀	2004 08 27.2	22 24.42	-18 02.5	18.2	-0.81	- 7.1	2.8/24.5	66309
2000 RN ₁₀₃	2004 08 26.9	22 23.54	+20 32.3	18.9	-0.78	- 7.1	10.4/07.7	66147	2002 CD ₉₁	2004 08 27.2	22 24.45	-13 39.6	21.2	-0.79	- 4.5	1.1/26.1	57850
1999 RW ₂₁₀	2004 08 26.9	22 23.54	-04 38.5	18.2	-0.83	- 1.8	1.7/28.5	66091	1999 VO ₁₃₀	2004 08 27.2	22 24.45	-19 26.1	19.7	-0.81	- 3.6	3.0/24.3	66100
2004 KP ₁₆	2004 08 26.9	22 23.57	-08 14.0	18.0	-0.89	- 3.7	0.8/27.5	65841	2002 AV ₄₇	2004 08 27.2	22 24.54	-05 54.3	19.9	-0.84	- 4.0	1.3/28.5	65278
2000 RO ₄₀	2004 08 26.9	22 23.58	+10 12.9	18.0	-0.76	- 6.8	8.2/03.2	66144	2002 AW ₄₁	2004 08 27.2	22 24.55	-09 52.4	19.5	-0.83	- 5.9	0.0/27.3	27803
2000 SG ₇₇	2004 08 26.9	22 23.60	+02 00.3	18.7	-0.77	-10.6	4.7/31.5	64823	2000 SF ₂₃₇	2004 08 27.2	22 24.56	-27 12.1	18.4	-1.06	- 0.1	6.3/22.8	27719
2000 SS ₁₈₂	2004 08 26.9	22 23.60	-07 15.6	19.5	-0.81	- 6.4	1.1/27.9	66155	2001 YH ₉₀	2004 08 27.2	22 24.59	-05 36.6	19.8	-0.87	- 5.7	1.4/28.6	30598
2001 YF ₁₁₂	2004 08 26.9	22 23.62	-11 44.4	18.9	-0.97	- 4.5	0.7/26.5	66257	2001 VK ₇₁	2004 08 27.2	22 24.60	-51 01.5	19.5	-1.15	- 4.5	12.0/12.0	66240
1998 DE	2004 08 26.9	22 23.62	-11 30.0	20.2	-0.86	- 4.2	0.4/26.6	30260	2004 PJ ₈₂	2004 08 27.2	22 24.62	-12 25.0	19.5	-0.83	- 7.7	0.9/26.4	65973

2004 QM ₁₄	2004 08 27.2	22 24.64 +03 48.3 19.8	-0.77 - 4.3	4.6/31.7	65983	1999 TD ₂₃₄	2004 08 27.5	22 25.59 -17 31.0 19.6	-0.91 - 0.8	2.2/25.5	47812
2001 XC ₁₄₉	2004 08 27.2	22 24.68 -11 14.2 19.2	-0.84 - 5.8	0.4/26.9	66251	2002 CP ₂₅₅	2004 08 27.5	22 25.60 -17 29.0 19.8	-0.79 - 7.7	2.2/24.9	31461
2000 UM ₆₈	2004 08 27.2	22 24.68 +12 03.6 19.7	-0.79 - 5.3	7.5/03.7	64873	2001 UH ₁₁₈	2004 08 27.5	22 25.60 -10 37.8 19.9	-0.92 - 6.0	0.3/27.3	46823
1999 CO ₁₀₄	2004 08 27.2	22 24.69 -06 54.3 19.7	-0.93 - 5.6	1.1/28.2	66082	2002 CA ₂₃₉	2004 08 27.5	22 25.60 -03 52.0 19.5	-0.70 - 6.5	1.7/29.6	30688
1998 CN ₄	2004 08 27.2	22 24.69 +00 00.9 18.7	-1.56 + 4.5	4.8/28.9	64649	2003 BX ₁₈	2004 08 27.5	22 25.60 +18 37.1 18.8	-1.66 + 8.2	14.2/31.4	43494
2001 TQ ₉₄	2004 08 27.2	22 24.73 -02 25.4 18.7	-1.00 - 4.8	3.1/29.4	66222	2004 LT ₂₂	2004 08 27.5	22 25.62 -18 12.3 16.9	-0.60 -10.2	3.8/24.3	65866
2003 AM ₇₂	2004 08 27.2	22 24.74 -54 02.5 20.3	-1.42 - 8.4	18.9/12.0	65424	2003 HQ ₁₀	2004 08 27.5	22 25.75 +01 07.8 19.4	-0.67 - 7.4	3.6/31.5	65492
1999 TJ ₂₄₄	2004 08 27.2	22 24.74 +03 51.0 19.5	-0.67 - 7.0	3.6/01.2	66096	2002 AG ₅₁	2004 08 27.5	22 25.77 -01 49.5 20.8	-0.89 - 3.7	2.6/29.9	30609
2001 TH ₁₅₅	2004 08 27.3	22 24.71 -06 33.3 18.9	-0.93 - 6.0	1.3/28.3	66224	2002 AD ₉₇	2004 08 27.5	22 25.77 -12 58.9 20.4	-0.90 - 5.4	1.1/26.6	27807
2002 CJ ₈₈	2004 08 27.3	22 24.72 -10 03.9 18.8	-0.89 - 2.9	0.0/27.3	66267	2000 QH ₇₀	2004 08 27.5	22 25.79 -06 13.9 18.6	-0.64 -18.4	1.5/29.1	64762
2002 CM ₁₁₆	2004 08 27.3	22 24.73 -25 55.3 20.4	-0.86 - 2.9	4.8/22.5	48204	3027 T-3	2004 08 27.5	22 25.80 -13 16.1 18.9	-0.78 - 3.8	1.2/26.5	66424
2000 HL ₆₈	2004 08 27.3	22 24.75 -09 08.9 20.9	-1.00 - 5.9	0.3/27.5	1636	1999 RY ₂₁₇	2004 08 27.5	22 25.81 -04 07.3 18.7	-0.56 -15.5	2.3/30.0	64670
2003 FF ₁₀₃	2004 08 27.3	22 24.77 -09 07.2 19.3	-0.78 - 5.2	0.3/27.6	66310	2001 UV ₁₄₈	2004 08 27.5	22 25.82 -19 23.0 19.4	-0.96 - 6.1	4.3/24.6	65119
2001 AE ₂₇	2004 08 27.3	22 24.80 -26 02.4 18.6	-0.83 - 4.1	4.9/22.1	33891	2000 SP ₂₆₁	2004 08 27.5	22 25.82 -15 13.3 18.5	-0.81 - 6.9	2.0/25.8	66158
2000 ST ₃₁₆	2004 08 27.3	22 24.81 +07 11.6 18.4	-1.00 - 0.5	7.0/01.0	66160	2002 EA ₇₆	2004 08 27.5	22 25.83 +03 23.6 18.2	-0.73 - 3.9	4.2/31.8	66274
2000 TZ ₆₄	2004 08 27.3	22 24.88 -07 07.6 20.4	-0.82 - 5.2	0.9/28.2	47974	2001 UX ₂₂₁	2004 08 27.5	22 25.83 -16 35.4 18.8	-0.91 - 4.6	3.2/25.6	65128
2002 CN ₁₀₇	2004 08 27.3	22 24.88 -08 27.9 19.9	-0.69 - 8.5	0.4/27.9	65315	2001 VE ₁₀₉	2004 08 27.5	22 25.84 -12 12.7 20.8	-0.93 - 4.8	0.8/26.9	66241
2001 VF ₁₇	2004 08 27.3	22 24.89 -13 53.0 19.7	-0.99 - 5.1	1.5/26.2	30532	1999 VD ₁₅₀	2004 08 27.6	22 25.79 -23 24.3 19.5	-0.88 - 3.3	4.7/23.4	33141
2001 TH ₁₂₇	2004 08 27.3	22 24.92 -10 41.8 18.7	-1.02 - 3.9	0.3/27.1	66223	2001 XZ ₄₉	2004 08 27.6	22 25.80 +01 18.7 18.6	-0.99 - 3.7	5.0/30.7	30567
1999 TG ₂₀₈	2004 08 27.3	22 24.94 -04 14.1 18.8	-0.83 - 0.8	1.6/28.9	66095	2001 TP ₃₅	2004 08 27.6	22 25.80 -26 29.3 19.0	-1.02 - 2.3	5.2/22.9	66219
2001 XN ₂₂	2004 08 27.3	22 24.95 -20 27.7 18.3	-1.07 - 4.9	4.6/24.2	30563	2001 XG ₆₂	2004 08 27.6	22 25.83 -13 43.5 19.5	-0.93 - 5.7	1.4/26.4	66247
1998 HU ₄₂	2004 08 27.3	22 24.97 -06 33.3 20.8	-0.80 - 6.7	1.0/28.5	8403	2001 VX ₆₈	2004 08 27.6	22 25.85 -08 41.5 19.8	-0.96 - 5.1	0.4/27.9	66240
2001 ES ₁₃	2004 08 27.3	22 24.97 -55 14.9 18.5	-2.38 +14.2	25.1/22.4	64907	2001 YJ ₂₄	2004 08 27.6	22 25.85 -02 34.7 19.0	-0.99 - 3.0	3.3/29.6	65247
2089 T-2	2004 08 27.3	22 25.03 -01 29.0 18.8	-0.87 - 8.0	3.6/30.1	66423	2002 CK ₂₆₃	2004 08 27.6	22 25.88 -30 32.2 19.6	-1.04 - 2.3	7.1/21.4	29907
2001 XB ₃₀	2004 08 27.3	22 25.04 -15 24.0 18.2	-0.88 - 8.7	2.2/25.5	66246	2001 WF ₁₅	2004 08 27.6	22 25.89 -21 58.4 19.3	-1.14 - 0.8	4.6/24.5	38329
2000 KT ₃₉	2004 08 27.3	22 25.06 -14 14.9 19.2	-0.95 - 6.9	1.7/26.0	66127	1999 VM ₁₂₁	2004 08 27.6	22 25.90 -17 22.4 19.7	-0.80 - 3.4	2.5/25.3	47823
2003 HU ₅₂	2004 08 27.3	22 25.10 -19 33.1 20.1	-0.92 - 4.6	3.3/24.5	66313	2001 XB ₄₉	2004 08 27.6	22 25.95 -13 54.0 20.1	-0.95 - 5.6	1.5/26.4	30567
2001 XZ ₁₄	2004 08 27.3	22 25.13 -29 55.5 19.1	-0.95 - 4.4	6.3/21.0	30562	2002 CV ₁₇₆	2004 08 27.6	22 26.02 -12 58.8 19.0	-0.81 - 5.8	1.1/26.6	65321
2001 XB ₁₇₄	2004 08 27.4	22 25.07 -06 50.5 18.0	-0.91 - 2.6	1.1/28.3	30581	2001 XZ ₆₁	2004 08 27.6	22 26.04 +01 11.6 18.4	-0.95 - 3.6	4.7/30.8	65194
1999 TX ₁₄₂	2004 08 27.4	22 25.11 -14 10.4 18.7	-0.85 - 2.0	1.4/26.2	66094	1999 JJ ₂₆	2004 08 27.6	22 26.05 -15 06.0 19.6	-0.90 - 4.9	2.0/26.1	50408
1999 TL ₂₅₀	2004 08 27.4	22 25.11 -10 43.3 18.8	-0.88 - 1.0	0.3/27.2	64683	2003 FS ₁₁₅	2004 08 27.6	22 26.05 -14 25.7 19.8	-0.92 - 3.7	1.5/26.3	47490
2001 TY ₁₀₇	2004 08 27.4	22 25.15 -11 02.5 18.1	-0.96 - 4.7	0.4/27.1	66223	1998 YH ₂₀	2004 08 27.6	22 26.06 -08 55.6 20.9	-0.62 - 3.2	0.2/27.9	47762
2001 YZ ₃₉	2004 08 27.4	22 25.15 -29 53.8 20.3	-0.94 - 4.6	5.8/21.0	30595	2003 EA ₃₅	2004 08 27.6	22 26.10 -06 43.1 19.2	-0.94 - 3.0	1.1/28.5	50751
2001 WD ₂₈	2004 08 27.4	22 25.24 +04 03.1 18.0	-0.77 - 8.2	6.7/01.4	65169	2001 WQ ₉₈	2004 08 27.6	22 26.10 -08 50.0 19.1	-0.94 - 4.7	0.4/28.0	66245
2003 DY ₂₀	2004 08 27.4	22 25.26 -09 42.6 19.9	-0.93 - 6.5	0.1/27.5	50747	2000 ND ₄	2004 08 27.6	22 26.11 +03 32.5 19.2	-0.98 - 2.6	5.3/31.3	66129
2004 PO ₃₂	2004 08 27.4	22 25.28 -13 40.9 18.6	-0.89 - 6.5	1.7/26.3	65952	1998 AQ ₅	2004 08 27.6	22 26.12 -15 29.2 20.5	-0.82 - 7.8	1.8/25.8	27593
2001 XV ₈₃	2004 08 27.4	22 25.33 -11 19.5 18.4	-0.87 - 8.9	0.6/27.0	65200	1999 WN ₁₂	2004 08 27.6	22 26.20 -13 28.0 18.3	-0.78 - 3.8	1.5/26.6	64694
1992 EO ₂₃	2004 08 27.4	22 25.33 -08 41.4 18.7	-0.92 - 7.9	0.5/27.8	66050	2004 NB ₆	2004 08 27.6	22 26.20 -21 45.7 18.6	-0.75 -10.9	3.7/23.3	65887
2000 SS ₂₃	2004 08 27.4	22 25.35 -06 11.1 18.0	-0.84 - 4.4	1.6/28.6	64813	2000 RU ₈₀	2004 08 27.7	22 26.19 -09 51.4 18.3	-1.03 + 0.1	0.0/27.7	66146
2003 FN ₉₂	2004 08 27.4	22 25.35 -13 33.4 19.3	-0.86 - 6.3	1.3/26.3	66310	2001 TC ₁₆₆	2004 08 27.7	22 26.19 -11 29.0 18.3	-1.05 - 1.6	0.8/27.3	66225
2001 XK ₇₆	2004 08 27.4	22 25.37 -09 37.9 20.0	-0.92 - 6.4	0.1/27.5	48164	2000 SQ ₁₇₅	2004 08 27.7	22 26.24 +01 31.8 18.9	-0.85 - 3.4	3.7/31.1	66155
2000 WP ₁₁₁	2004 08 27.4	22 25.45 +03 47.9 18.9	-0.79 - 3.1	4.1/31.6	66172	2001 XD ₄₀	2004 08 27.7	22 26.26 -17 03.7 18.1	-1.09 - 3.3	3.0/25.7	30566
2004 NR ₂	2004 08 27.4	22 25.45 +03 56.5 17.8	-0.66 - 7.3	6.9/01.6	66389	2001 UV ₁₇₃	2004 08 27.7	22 26.31 -17 23.9 19.8	-0.98 - 5.2	2.9/25.5	46848
2001 XE ₂₃₁	2004 08 27.4	22 25.47 -12 52.8 19.8	-0.89 - 4.4	1.0/26.6	47063	2001 TY ₁₂₉	2004 08 27.7	22 26.37 -02 49.4 20.7	-0.93 - 7.8	2.7/30.0	46752
2002 FN ₂₇	2004 08 27.5	22 25.44 -23 21.4 19.1	-0.85 - 2.5	4.1/23.5	66275	2000 SB ₃₂₇	2004 08 27.7	22 26.39 -13 58.0 19.9	-0.87 - 4.4	1.5/26.5	27100
1996 EU ₉	2004 08 27.5	22 25.44 -14 17.0 18.2	-0.99 - 3.6	2.2/26.2	66056	2002 EH ₇₈	2004 08 27.7	22 26.41 -10 30.0 21.3	-0.73 - 4.2	0.2/27.5	48220
2003 HU ₃₃	2004 08 27.5	22 25.47 -17 11.0 20.4	-1.01 - 3.9	2.7/25.4	50763	2001 YA ₉₇	2004 08 27.7	22 26.42 -01 56.9 18.7	-0.90 - 5.3	3.7/30.1	26105
2003 FF ₁₀₁	2004 08 27.5	22 25.51 -16 32.8 17.6	-0.83 - 8.8	3.0/25.2	65482	2001 YH ₈₄	2004 08 27.7	22 26.44 -17 03.7 19.8	-0.90 - 5.8	2.5/25.5	66256
2000 RB ₅₈	2004 08 27.5	22 25.57 -00 43.9 20.1	-0.76 - 5.1	2.4/30.5	66145	2001 YZ ₁₁₉	2004 08 27.7	22 26.47 -05 23.2 20.5	-0.85 - 4.4	1.3/29.1	48182
2002 BE ₃₁	2004 08 27.5	22 25.57 -07 32.2 19.0	-0.81 - 5.3	0.8/28.3	65301	1997 EJ ₅	2004 08 27.7	22 26.49 -10 41.2 18.7	-0.77 - 4.1	0.3/27.5	66060
2002 AS ₁₉₈	2004 08 27.5	22 25.58 -13 33.8 17.9	-0.74 - 7.5	1.9/26.3	65296	1999 TD ₂₆₄	2004 08 27.7	22 26.54 -12 11.8 19.4	-0.73 - 4.0	0.7/27.0	66096

2003 DL ₂	2004 08 27.7	22 26.57	-02 15.7	18.6	-1.05	- 2.0	3.2/29.8	66305	2000 SJ ₂₉₇	2004 08 28.0	22 27.68	-07 59.4	18.5	-0.93	- 2.4	0.6/28.6	66159
2001 EA ₁₃	2004 08 27.7	22 26.58	-23 37.3	17.8	-0.94	-25.3	6.3/21.8	64907	2000 GY ₅₀	2004 08 28.1	22 27.64	-15 00.6	18.7	-1.00	- 4.9	2.3/26.6	66117
2003 CG ₁₃	2004 08 27.8	22 26.54	-27 59.3	16.2	-1.11	+ 6.6	10.0/24.5	66305	2000 QN ₂₀₆	2004 08 28.1	22 27.70	-20 33.1	19.1	-1.07	- 0.4	3.9/25.4	66140
2002 BU ₁₉	2004 08 27.8	22 26.58	-08 53.1	17.9	-0.82	- 6.8	0.4/28.1	65299	2002 EE ₁₄	2004 08 28.1	22 27.70	-02 25.0	19.4	-0.68	- 6.1	2.0/30.6	66273
2001 XZ ₂₃₂	2004 08 27.8	22 26.59	-11 59.0	19.8	-0.92	- 4.4	0.8/27.2	66254	2001 XD ₂₁₅	2004 08 28.1	22 27.82	+01 22.3	18.8	-0.87	- 6.4	5.1/31.6	66253
2000 XV ₄₄	2004 08 27.8	22 26.63	-39 57.1	19.3	-1.04	0.0	7.5/19.0	66178	2002 CS ₁₉₉	2004 08 28.1	22 27.86	-11 43.9	19.9	-0.77	- 4.0	0.7/27.5	48209
2002 CO ₂₁₃	2004 08 27.8	22 26.65	-10 17.6	20.3	-0.78	- 5.4	0.2/27.7	31457	2002 EZ ₁₂₄	2004 08 28.1	22 27.88	-13 40.6	19.9	-0.75	- 4.7	1.2/26.9	48223
2002 EC ₁₂₅	2004 08 27.8	22 26.66	-06 28.7	19.2	-0.68	- 7.8	1.0/29.0	65336	2001 VZ ₁₀	2004 08 28.1	22 27.89	-27 07.5	19.5	-1.11	- 2.1	7.0/23.3	46863
1999 SU ₁₀	2004 08 27.8	22 26.70	-26 35.1	19.1	-0.83	- 4.8	5.2/22.2	30316	1999 LQ ₈	2004 08 28.1	22 27.92	-22 02.7	18.9	-0.82	- 8.5	4.4/23.8	66087
2000 SB ₄₈	2004 08 27.8	22 26.74	+06 24.0	19.1	-1.07	+ 1.6	6.9/31.7	66149	1997 WY ₂₈	2004 08 28.1	22 27.93	-16 16.9	20.4	-0.93	- 5.8	2.5/26.1	47719
2000 SV ₃₀₃	2004 08 27.8	22 26.75	+02 00.3	19.4	-0.84	- 3.3	3.7/31.3	66160	2000 HT ₁₁	2004 08 28.1	22 27.93	-04 50.7	19.6	-0.97	- 6.1	2.0/29.6	66120
2000 SC ₁₆	2004 08 27.8	22 26.76	+03 41.8	19.3	-0.89	- 3.1	5.0/31.8	66148	2002 CA ₂₃	2004 08 28.1	22 27.94	-05 59.2	18.9	-0.79	- 9.2	1.2/29.4	66266
2002 AG ₁₆₄	2004 08 27.8	22 26.79	-12 54.3	19.2	-0.76	-10.3	1.1/26.7	66263	2001 UC ₁₇₇	2004 08 28.1	22 27.95	-00 06.3	19.9	-0.92	- 6.8	3.6/31.2	50571
2000 SJ ₃₆₇	2004 08 27.8	22 26.81	-14 48.8	18.5	-1.01	- 0.7	1.8/26.6	66161	2001 SQ ₂₂₉	2004 08 28.1	22 27.95	-18 30.8	20.1	-1.05	- 4.0	3.9/25.7	46668
2001 SU ₁₃₃	2004 08 27.8	22 26.83	-08 03.9	18.7	-1.05	- 3.8	0.7/28.3	66210	2001 XY ₁₅₀	2004 08 28.1	22 27.99	+08 50.7	21.0	-0.87	- 4.0	5.9/03.0	25478
2002 ER ₁₄₇	2004 08 27.8	22 26.91	-08 32.6	20.4	-0.81	- 5.6	0.4/28.3	31985	2001 XJ ₈₉	2004 08 28.1	22 28.00	-25 50.5	18.6	-1.04	- 2.7	7.0/23.6	66249
2001 SY ₁₇₈	2004 08 27.8	22 26.94	-11 04.2	18.5	-0.90	- 8.9	0.6/27.4	65021	2002 CO ₉₃	2004 08 28.1	22 28.02	-15 59.7	19.0	-0.83	- 8.2	2.4/26.0	66268
2003 KM ₅	2004 08 27.8	22 26.96	-39 01.7	19.3	-0.90	- 3.2	9.1/18.1	66313	2002 AO ₉	2004 08 28.2	22 27.99	-02 59.9	20.3	-0.87	- 3.4	2.1/30.1	27798
2003 EV ₃₀	2004 08 27.9	22 26.88	-08 38.9	20.3	-0.94	- 5.7	0.4/28.2	47355	2003 DG ₁₄	2004 08 28.2	22 28.00	-42 36.0	19.3	-0.98	- 6.1	10.3/16.2	48328
2002 FZ ₂₆	2004 08 27.9	22 26.89	-23 57.2	18.1	-0.86	- 2.4	4.7/23.7	66275	1998 EM ₁₂	2004 08 28.2	22 28.00	-30 16.7	18.9	-1.18	+ 0.9	6.9/23.1	66066
2001 SE ₇₂	2004 08 27.9	22 26.92	-05 30.1	18.1	-0.63	-12.3	2.2/29.6	66208	2002 EY ₁₂	2004 08 28.2	22 28.01	-16 11.5	21.6	-0.86	- 4.7	1.9/26.2	48216
2002 AO ₁₀₁	2004 08 27.9	22 26.98	-04 50.0	20.0	-0.80	- 3.6	1.4/29.4	47143	2000 SO ₂	2004 08 28.2	22 28.02	-35 57.9	18.9	-0.89	- 6.7	11.3/17.7	64808
2002 AH ₂₀	2004 08 27.9	22 27.00	-22 43.5	19.9	-0.92	- 3.9	4.2/24.0	50585	2003 JN ₁₂	2004 08 28.2	22 28.03	-12 11.9	20.2	-0.82	- 5.9	0.9/27.4	47577
2000 WE ₁₆₂	2004 08 27.9	22 27.01	-36 01.8	17.4	-0.68	-10.2	11.1/16.4	66174	2004 OX ₁₁	2004 08 28.2	22 28.07	-14 38.0	18.1	-0.99	+ 1.3	1.8/27.0	65929
2001 XG ₁₈	2004 08 27.9	22 27.02	-21 44.1	18.5	-1.05	- 3.3	5.5/24.4	65186	2003 JO ₁₀	2004 08 28.2	22 28.15	-17 39.1	18.5	-0.73	- 5.5	2.7/25.6	66313
2001 SD ₇₀	2004 08 27.9	22 27.02	-13 09.6	17.0	-0.78	- 9.9	1.7/26.7	66208	2001 TL ₃₁	2004 08 28.2	22 28.18	+00 37.9	18.7	-0.99	- 3.7	4.1/31.1	66219
2003 GP ₄₆	2004 08 27.9	22 27.07	-17 35.4	19.3	-0.89	- 5.9	2.9/25.5	66311	2001 UD ₁₆₃	2004 08 28.2	22 28.20	-21 20.6	20.0	-0.97	- 4.6	4.3/24.7	66234
2001 SH ₁₁₁	2004 08 27.9	22 27.11	-07 01.0	18.1	-1.07	- 2.5	1.1/28.6	66209	1998 HS ₅	2004 08 28.2	22 28.22	-24 49.9	20.4	-0.90	- 3.6	4.5/23.6	66068
1998 XO ₅₈	2004 08 27.9	22 27.24	-17 37.5	19.3	-0.98	- 7.4	3.0/25.4	66079	1999 TE ₉₉	2004 08 28.2	22 28.26	-21 55.2	18.1	-0.78	- 5.2	4.0/24.2	66093
2000 SB ₂₄₈	2004 08 27.9	22 27.25	-14 36.2	19.0	-0.97	- 1.3	2.1/26.7	64845	2003 EK ₄₀	2004 08 28.2	22 28.29	-19 39.4	18.5	-0.91	-12.9	3.3/24.6	66307
2000 SF ₂₅₁	2004 08 27.9	22 27.27	-11 19.6	19.7	-0.75	- 9.7	0.7/27.4	29395	2001 XS ₆₁	2004 08 28.2	22 28.31	-11 58.0	19.4	-0.90	- 6.3	0.8/27.5	66247
1996 GZ ₈	2004 08 27.9	22 27.28	-19 13.4	18.5	-1.00	- 5.4	4.2/25.1	66057	2001 XJ ₁₈	2004 08 28.2	22 28.32	-23 43.5	19.1	-1.02	- 2.2	6.3/24.3	66245
2003 GA ₁₃	2004 08 27.9	22 27.28	-14 18.0	20.5	-0.99	- 4.6	1.6/26.6	50760	2002 EK ₇₀	2004 08 28.2	22 28.34	-07 53.1	20.2	-0.71	- 5.0	0.5/28.8	66274
2000 QC ₁₉₀	2004 08 27.9	22 27.30	-20 56.0	19.0	-1.18	+ 2.2	4.8/25.5	66140	2002 AA ₁₀	2004 08 28.2	22 28.34	-08 50.6	19.9	-0.90	- 4.4	0.2/28.5	48184
2000 SB ₁₁₈	2004 08 28.0	22 27.43	-22 31.0	19.5	-0.97	- 3.1	4.7/24.2	66152	2002 CW ₂₄₄	2004 08 28.2	22 28.37	-09 40.2	18.3	-0.76	- 3.0	0.0/28.3	66271
2002 EQ ₁₁₀	2004 08 28.0	22 27.43	-10 41.4	19.4	-0.68	- 6.6	0.3/27.7	31982	2002 ET ₃	2004 08 28.2	22 28.38	-05 10.0	19.5	-0.71	- 7.6	1.3/29.8	33968
2002 AT ₁₁₅	2004 08 28.0	22 27.44	-14 52.4	18.3	-0.94	- 4.4	2.4/26.5	65286	2000 QT ₈₂	2004 08 28.2	22 28.38	-00 22.5	18.5	-0.74	-11.2	3.5/31.7	66135
2000 YZ ₄₀	2004 08 28.0	22 27.44	-11 19.7	18.8	-0.77	- 4.9	0.5/27.5	66179	5039 T-3	2004 08 28.2	22 28.40	-09 20.2	18.2	-0.67	- 9.1	0.1/28.4	66425
2003 FD ₁₀₀	2004 08 28.0	22 27.46	-12 25.0	18.8	-0.76	- 9.8	0.9/27.1	65482	2002 CP ₂₁₉	2004 08 28.3	22 28.37	-12 07.7	19.7	-0.79	- 4.2	0.8/27.5	35160
1999 EA ₉	2004 08 28.0	22 27.46	-10 22.4	20.3	-1.02	- 4.0	0.3/27.9	23480	2001 SU ₁₆₈	2004 08 28.3	22 28.37	-21 31.1	19.5	-1.05	- 3.8	4.7/24.9	66212
2000 SB ₁₉₁	2004 08 28.0	22 27.47	-12 34.7	18.3	-0.78	- 7.1	1.2/27.1	64842	2000 GN ₈₀	2004 08 28.3	22 28.42	-30 01.1	18.1	-1.12	+ 1.4	10.2/23.6	1604
2004 PN ₅₁	2004 08 28.0	22 27.48	-17 32.7	18.7	-0.77	- 5.3	3.9/25.5	65961	2000 WH ₆₅	2004 08 28.3	22 28.43	+12 09.5	20.2	-0.77	- 7.2	7.9/05.0	64883
2003 FA ₄₉	2004 08 28.0	22 27.49	-08 36.6	18.3	-0.69	- 7.7	0.4/28.4	65474	1999 KK ₇	2004 08 28.3	22 28.44	-31 25.9	19.2	-0.90	- 5.0	8.2/21.1	46367
2002 AC ₁₀₇	2004 08 28.0	22 27.51	-17 53.4	18.9	-0.92	- 7.4	3.3/25.3	30616	2000 BA ₁	2004 08 28.3	22 28.45	-17 21.2	17.2	-1.66	+ 8.2	4.1/27.3	66107
2000 JM ₃₄	2004 08 28.0	22 27.55	-13 10.5	18.6	-1.01	- 4.5	1.4/27.1	66124	2001 XK ₆₇	2004 08 28.3	22 28.47	-09 45.9	19.8	-0.94	- 5.7	0.1/28.3	66248
2003 JV ₉	2004 08 28.0	22 27.61	-13 37.8	18.7	-0.75	- 4.6	1.5/26.8	65496	2000 UW ₃₇	2004 08 28.3	22 28.51	+01 21.9	19.3	-0.80	- 5.9	4.0/31.9	66164
2001 XN ₉₂	2004 08 28.0	22 27.62	-15 03.7	19.9	-1.00	- 5.9	2.2/26.4	30573	2001 XV ₂₆	2004 08 28.3	22 28.51	-08 01.8	19.4	-0.89	- 3.2	0.5/28.8	30564
2000 VD ₂₆	2004 08 28.0	22 27.62	-02 25.4	19.2	-0.81	- 4.8	2.8/30.3	64877	2002 DB ₁₀	2004 08 28.3	22 28.52	-36 00.9	17.9	-0.90	- 1.6	9.5/20.3	66272
2001 XA ₆₅	2004 08 28.0	22 27.65	-15 41.9	19.2	-0.86	- 6.1	2.0/26.2	66248	1999 TL ₈₁	2004 08 28.3	22 28.57	-09 25.2	19.0	-0.82	- 3.1	0.0/28.4	66093
2003 FS ₁₀₄	2004 08 28.0	22 27.66	-12 08.3	19.2	-0.86	- 5.3	0.9/27.3	66310	1994 SK ₅	2004 08 28.3	22 28.57	-12 20.8	20.6	-0.78	- 4.1	0.8/27.5	27581
1999 TY ₁₅₄	2004 08 28.0	22 27.67	+05 04.7	19.1	-0.72	- 5.7	4.4/02.0	1497	1999 TN ₂₇₇	2004 08 28.3	22 28.63	-22 37.9	18.7	-0.76	- 6.2	4.1/23.9	66097

2001 XN ₂₃₂	2004 08 28.3	22 28.64	-10 33.8	20.1	-0.94	- 4.8	0.4/28.1	62384	2001 DH ₃₇	2004 08 28.6	22 29.77	-09 09.3	18.0	-0.95	- 2.2	0.1/28.8	66183
2002 CM ₈₉	2004 08 28.3	22 28.67	-14 32.5	18.9	-0.79	- 4.8	1.7/26.8	65313	2001 YY ₈₅	2004 08 28.6	22 29.78	-09 15.4	20.7	-0.89	- 3.9	0.1/28.7	48179
2002 FL ₁₀	2004 08 28.3	22 28.70	-02 10.8	19.1	-0.86	- 1.1	2.2/30.4	66275	2004 LL ₃₁	2004 08 28.6	22 29.79	+07 06.1	17.3	-0.54	- 5.2	9.2/03.9	66387
2003 BX ₈₀	2004 08 28.3	22 28.72	-14 34.6	19.2	-0.88	-10.6	2.0/26.6	66304	2001 WR ₂₀	2004 08 28.7	22 29.84	-21 40.9	20.0	-0.94	- 6.2	4.6/24.8	66243
2002 AB ₁₄₉	2004 08 28.3	22 28.72	-12 17.0	19.6	-0.76	- 6.5	0.8/27.5	30622	2002 AM ₁₅	2004 08 28.7	22 29.84	-31 08.1	18.4	-1.19	+ 1.5	10.3/23.0	66259
2000 TJ ₂₂	2004 08 28.3	22 28.79	-14 26.6	19.1	-1.00	- 1.4	1.8/27.1	29427	2000 RJ ₉₈	2004 08 28.7	22 29.86	+07 13.7	17.4	-0.90	- 1.6	7.0/02.5	66147
1999 TS ₂₈	2004 08 28.4	22 28.74	-01 35.1	18.6	-0.70	- 7.0	2.9/31.1	64673	2002 EM ₈	2004 08 28.7	22 29.89	-07 59.9	19.3	-0.86	- 6.6	0.5/29.2	38333
2000 SN ₅₈	2004 08 28.4	22 28.80	-04 48.7	20.0	-0.83	- 6.3	1.8/29.9	66150	2001 XO ₁₀₀	2004 08 28.7	22 29.91	-07 14.8	18.6	-1.00	- 4.3	0.8/29.3	66249
1999 RP ₂₂₅	2004 08 28.4	22 28.80	-01 20.6	19.3	-0.67	- 9.3	2.8/31.4	64671	2001 UM ₂₁₈	2004 08 28.7	22 29.95	-01 55.5	20.1	-0.92	- 5.4	2.5/31.0	66235
2004 QP ₁₃	2004 08 28.4	22 28.82	+02 11.2	18.9	-0.78	- 2.8	3.9/32.0	65983	2002 BM ₂₃	2004 08 28.7	22 29.99	-26 40.7	21.8	-0.92	- 4.4	4.8/23.3	48196
2003 EX ₂₅	2004 08 28.4	22 28.88	-15 50.3	19.2	-0.97	- 4.2	2.5/26.6	66306	1994 AF ₆	2004 08 28.7	22 30.00	-08 20.9	19.9	-0.87	- 5.0	0.4/29.1	60460
2001 XS ₈₉	2004 08 28.4	22 28.92	-11 51.9	20.2	-0.96	- 5.1	0.8/27.8	30573	2001 XV ₅₉	2004 08 28.7	22 30.01	-01 36.0	18.9	-0.92	- 5.0	2.8/31.1	66247
1999 TO ₂₃₂	2004 08 28.4	22 28.92	-41 19.3	19.2	-1.04	- 1.1	11.0/17.6	1510	1999 CF ₁₁₆	2004 08 28.7	22 30.03	-07 16.3	19.9	-0.93	- 4.9	0.8/29.4	47769
2002 AS ₁₈	2004 08 28.4	22 28.96	-05 23.5	18.9	-0.86	- 7.7	1.5/29.8	66259	1990 TV ₉	2004 08 28.7	22 30.11	+00 10.8	18.6	-0.76	- 3.7	5.1/31.8	64638
2001 XC ₁₅₉	2004 08 28.4	22 29.02	+00 12.8	18.9	-0.92	- 4.5	4.1/31.4	66251	2002 EY ₇	2004 08 28.7	22 30.12	-04 23.3	20.3	-0.75	- 9.2	1.6/30.6	66273
2000 SQ ₂₁₀	2004 08 28.4	22 29.03	-16 26.6	19.3	-0.81	- 8.7	2.7/26.0	64843	2001 XZ ₈₂	2004 08 28.7	22 30.14	-14 55.7	19.5	-0.93	- 8.4	2.3/26.9	23963
2000 US ₉₇	2004 08 28.4	22 29.04	-20 59.9	18.3	-0.97	- 1.3	4.6/25.3	66166	1999 TP ₂₈₁	2004 08 28.7	22 30.16	-25 46.1	18.3	-0.74	- 6.4	4.5/23.0	66097
1993 PP ₂	2004 08 28.4	22 29.08	-12 52.9	19.2	-0.69	- 7.3	0.9/27.3	66051	2002 CZ ₇₁	2004 08 28.7	22 30.20	-06 49.4	18.4	-1.18	+ 0.2	1.2/29.4	30651
2000 YP ₁₁	2004 08 28.4	22 29.08	-14 27.2	19.4	-0.82	- 4.6	1.6/26.9	66178	2000 QW ₂₃₀	2004 08 28.7	22 30.20	-09 09.2	18.0	-0.66	- 7.6	0.1/28.9	66142
2000 YQ ₁₂₂	2004 08 28.4	22 29.10	-14 41.2	18.5	-0.78	-10.1	2.0/26.6	64900	2000 SL ₃₁₉	2004 08 28.7	22 30.20	+09 34.7	17.6	-0.92	- 0.8	7.7/03.0	66160
2000 QW ₂₅	2004 08 28.4	22 29.10	-30 09.3	17.2	-0.56	-19.3	9.0/18.4	66133	1998 EE ₁₈	2004 08 28.7	22 30.22	-08 06.4	19.4	-0.96	- 2.1	0.4/29.1	47724
1998 XH ₇₂	2004 08 28.4	22 29.12	-15 30.4	18.1	-1.14	- 2.0	2.6/26.9	66079	2001 YG ₇₈	2004 08 28.8	22 30.16	-16 03.9	18.9	-0.98	- 6.3	2.7/26.7	30597
2003 DW ₈	2004 08 28.5	22 29.10	-14 08.7	20.3	-0.94	- 6.0	1.7/27.1	48328	2002 AJ ₁₇₁	2004 08 28.8	22 30.17	-17 53.4	20.1	-0.84	- 7.2	3.1/26.0	65292
2000 SY ₁₃	2004 08 28.5	22 29.11	+11 55.8	19.0	-0.94	- 1.7	8.2/03.6	29312	2000 YF ₁₃₈	2004 08 28.8	22 30.20	-15 26.7	20.2	-0.80	- 4.9	2.0/26.9	50515
1999 VP ₁₂₂	2004 08 28.5	22 29.17	-00 20.1	20.4	-0.71	- 6.4	2.7/31.6	66100	2002 CB ₂₃₆	2004 08 28.8	22 30.21	+16 14.6	19.2	-0.66	- 7.2	6.2/07.7	66271
2002 CP ₁₉₇	2004 08 28.5	22 29.18	-11 23.8	19.4	-0.82	- 4.1	0.7/28.0	65322	2001 VV ₁₁₄	2004 08 28.8	22 30.28	-00 31.4	17.5	-0.91	- 3.6	4.3/31.4	66241
2000 SO ₁₅₀	2004 08 28.5	22 29.24	+08 36.2	18.9	-0.77	- 6.3	5.3/03.7	66154	1998 FA ₂₇	2004 08 28.8	22 30.30	-10 39.4	17.6	-0.93	- 2.8	0.4/28.5	66067
2001 XQ ₂₄₂	2004 08 28.5	22 29.24	+02 18.8	18.4	-0.89	- 3.2	5.7/32.0	65238	2000 RT ₉₆	2004 08 28.8	22 30.32	+08 31.6	18.9	-0.87	- 3.1	5.5/03.2	66147
1998 FN ₁	2004 08 28.5	22 29.29	-12 21.5	19.1	-0.82	- 6.1	0.9/27.6	66066	2000 SV ₁₃₅	2004 08 28.8	22 30.33	-09 21.0	18.2	-1.13	+ 2.9	0.0/28.8	66153
2001 VR ₅₀	2004 08 28.5	22 29.35	-00 27.5	19.0	-1.02	- 2.5	4.2/31.0	66239	2001 HC ₅₄	2004 08 28.8	22 30.34	+12 05.3	18.5	-0.86	-20.2	9.4/07.1	64912
2002 CJ ₇₇	2004 08 28.5	22 29.36	-11 26.8	18.8	-0.80	- 4.0	0.7/28.0	65311	2001 XY ₆₉	2004 08 28.8	22 30.39	-22 06.9	19.7	-0.96	- 6.3	4.8/24.8	66248
2002 CD ₂₁₀	2004 08 28.5	22 29.47	-09 56.7	19.1	-0.85	- 3.9	0.2/28.4	66270	1999 RS ₂₀₉	2004 08 28.8	22 30.40	+03 46.1	18.9	-0.79	- 2.9	4.3/01.8	66091
2002 EM ₄₅	2004 08 28.5	22 29.47	-20 15.8	20.2	-0.83	- 2.4	3.4/25.4	66273	2000 JP ₄₂	2004 08 28.8	22 30.41	-18 31.1	19.0	-0.98	- 4.9	4.0/26.1	66125
2001 UB ₄₇	2004 08 28.5	22 29.52	-09 29.6	20.2	-0.95	- 6.6	0.0/28.6	23859	2000 QN ₁₂	2004 08 28.8	22 30.45	-08 59.1	18.6	-0.89	- 6.1	0.1/29.0	66133
2001 XN ₁₃₁	2004 08 28.6	22 29.43	-12 40.4	20.1	-0.93	- 5.5	1.3/27.6	47020	2002 CG ₁₈₈	2004 08 28.8	22 30.45	-11 37.4	19.0	-0.80	- 5.9	0.8/28.1	65322
2002 AE ₁₈₉	2004 08 28.6	22 29.45	-01 57.2	21.2	-0.78	- 7.8	2.2/31.2	48194	2002 CU ₇	2004 08 28.8	22 30.45	-08 54.6	19.4	-0.78	- 3.8	0.1/29.0	48197
2001 XC ₁₉₇	2004 08 28.6	22 29.47	-20 25.9	19.1	-0.83	- 7.4	3.6/24.9	65230	2002 AS ₆₉	2004 08 28.8	22 30.45	+01 27.2	18.8	-1.01	- 2.6	4.6/31.8	66261
1999 FH ₆₀	2004 08 28.6	22 29.49	-10 46.1	19.9	-0.90	- 7.5	0.4/28.2	66084	2001 CB ₃₃	2004 08 28.8	22 30.47	-35 16.6	21.1	-0.90	- 2.9	6.7/20.2	48009
2001 YS ₁₅	2004 08 28.6	22 29.53	-21 31.2	18.2	-0.85	- 5.4	5.5/24.8	65245	2002 CM ₉₄	2004 08 28.8	22 30.49	-13 43.2	19.7	-0.79	- 5.1	1.4/27.5	29808
2001 XD ₇₈	2004 08 28.6	22 29.53	-01 06.7	18.6	-0.91	- 6.0	3.4/31.2	66249	2001 XW ₂₅₆	2004 08 28.8	22 30.51	-14 13.9	19.8	-0.86	-10.2	1.7/27.2	48174
2003 EU ₂₆	2004 08 28.6	22 29.56	-14 28.8	18.9	-1.09	- 2.0	2.1/27.3	65461	2000 YH ₇₈	2004 08 28.8	22 30.55	+05 52.3	18.4	-0.91	- 1.6	6.2/02.0	64898
2001 WQ ₆₀	2004 08 28.6	22 29.56	-10 52.8	20.9	-0.96	- 5.2	0.5/28.2	48158	2000 UK ₃₇	2004 08 28.8	22 30.58	-33 33.5	18.7	-1.00	- 2.6	8.7/21.1	66164
2001 WC ₃₄	2004 08 28.6	22 29.59	-21 49.3	19.2	-0.95	- 6.3	4.7/24.7	66243	1999 VJ ₂₂₅	2004 08 28.9	22 30.57	+01 01.6	19.4	-0.71	- 7.1	3.3/01.5	18219
2000 TN ₂₁	2004 08 28.6	22 29.59	-36 46.5	18.4	-0.97	- 1.4	11.8/20.0	66162	2001 YR ₄₄	2004 08 28.9	22 30.58	-20 20.3	19.4	-0.94	- 4.4	3.9/25.6	66255
2000 SE ₂₈	2004 08 28.6	22 29.60	-07 31.9	18.6	-0.94	- 1.4	0.6/29.2	66148	2004 QN ₉	2004 08 28.9	22 30.59	-16 53.2	17.4	-0.96	- 0.8	3.7/26.9	65982
2001 XZ ₁₀₀	2004 08 28.6	22 29.62	-22 46.0	17.8	-0.95	- 5.0	6.0/24.4	65207	2000 PO ₂₀	2004 08 28.9	22 30.61	-14 48.1	18.3	-0.91	- 5.4	2.1/27.2	66132
2001 TG ₁₉₂	2004 08 28.6	22 29.66	-06 37.8	18.2	-1.04	- 2.6	1.3/29.4	65083	6736 P-L	2004 08 28.9	22 30.66	-17 35.7	18.5	-0.95	- 4.2	3.1/26.5	66422
2000 WO ₁₄₆	2004 08 28.6	22 29.73	+09 37.7	19.1	-0.66	- 6.6	4.5/04.5	31926	2000 DH ₁₇	2004 08 28.9	22 30.67	-08 28.6	19.0	-0.95	-11.4	0.3/29.2	712
2000 SE ₁₄	2004 08 28.6	22 29.73	+10 57.8	18.3	-0.84	- 5.9	7.9/04.4	47940	2003 FZ ₅₄	2004 08 28.9	22 30.75	-25 56.6	20.7	-0.99	- 4.5	5.5/23.9	47429
2002 BD ₂₅	2004 08 28.6	22 29.75	-11 56.9	20.7	-1.00	- 1.8	0.8/28.0	30634	2001 VS ₇₀	2004 08 28.9	22 30.76	-07 49.6	20.7	-0.95	- 5.7	0.6/29.4	48152
2000 UX ₁₀₂	2004 08 28.6	22 29.76	-10 30.0	18.5	-0.85	- 3.6	0.4/28.4	66167	1999 TD ₁₅₈	2004 08 28.9	22 30.77	-16 23.5	18.1	-0.76	- 4.4	2.7/26.7	66094

2003 FO ₉₃	2004 08 28.9	22 30.90	-32 00.8	20.1	-1.02	- 2.4	7.7/22.3	50183	2001 UV ₅₉	2004 08 29.2	22 31.89	-09 35.0	19.0	-0.98	- 5.0	0.1/29.2	48137
2002 BD ₁₉	2004 08 28.9	22 30.94	-14 03.0	18.3	-0.71	- 8.4	1.6/27.3	66265	2001 TL ₇₂	2004 08 29.2	22 31.90	-01 50.2	18.4	-0.78	- 9.3	3.6/31.9	66221
2001 TF ₁₉₀	2004 08 29.0	22 31.06	+23 13.2	20.7	-0.92	- 5.9	10.9/09.6	23842	2002 CQ ₆₁	2004 08 29.2	22 31.91	-25 25.7	20.6	-0.81	- 6.5	4.6/23.7	30648
2001 VM ₆₁	2004 08 29.0	22 31.06	-13 25.5	20.2	-1.03	- 4.0	1.5/27.9	48151	2000 SG ₈₆	2004 08 29.2	22 31.92	-03 04.2	18.3	-0.79	- 9.6	2.2/31.4	7569
2000 QN ₁₆₆	2004 08 29.0	22 31.08	-02 54.9	18.6	-0.99	- 1.7	2.3/30.7	66139	1999 UL ₁₀	2004 08 29.2	22 31.94	-40 00.4	18.3	-1.77	+ 4.2	14.4/22.4	50432
1997 GD ₃	2004 08 29.0	22 31.12	-10 19.3	19.4	-0.80	- 4.0	0.4/28.7	66060	2000 SV ₂₀₉	2004 08 29.2	22 32.04	-37 26.9	18.2	-1.11	- 0.1	11.7/20.6	66156
2000 QH ₉₂	2004 08 29.0	22 31.16	-04 50.9	18.4	-0.85	- 2.6	2.1/30.3	66136	2000 XC ₁₁	2004 08 29.2	22 32.06	+25 06.3	17.7	-1.00	+ 1.4	12.8/08.4	66176
2000 QG ₉₂	2004 08 29.0	22 31.16	-04 02.6	17.8	-0.79	- 3.2	2.6/30.6	66136	2000 SV ₁₄₃	2004 08 29.2	22 32.07	-21 43.7	19.3	-0.97	- 2.2	4.1/25.8	66153
2001 HB ₅₄	2004 08 29.0	22 31.16	+14 25.6	18.4	-0.82	-21.7	10.4/08.8	64912	2002 CM ₁₁₀	2004 08 29.3	22 31.98	-11 08.8	19.2	-0.81	- 4.6	0.6/28.7	66268
2001 XC ₂₁₃	2004 08 29.0	22 31.20	-12 52.4	19.8	-0.82	- 7.3	1.1/27.9	48172	2002 EX ₅₂	2004 08 29.3	22 32.01	-11 31.9	20.5	-0.83	- 6.3	0.8/28.6	48219
2002 AN ₅₈	2004 08 29.0	22 31.25	-20 21.1	20.0	-0.83	-10.0	3.8/25.1	65279	1999 VR ₉₄	2004 08 29.3	22 32.01	+08 52.1	20.6	-0.69	- 5.6	4.8/04.5	47822
2000 XU ₂₆	2004 08 29.0	22 31.30	+02 34.9	20.0	-0.96	- 0.7	4.3/32.0	11010	2003 EZ ₃₅	2004 08 29.3	22 32.03	-10 21.9	17.9	-0.82	- 9.4	0.5/28.9	65463
2000 QV ₈₈	2004 08 29.0	22 31.32	-04 18.3	18.1	-1.02	- 1.0	1.8/30.4	66136	1999 XQ ₂₄	2004 08 29.3	22 32.09	-39 10.8	18.4	-0.92	- 2.7	10.2/18.5	47828
2000 SX ₂₈	2004 08 29.0	22 31.32	+12 48.9	18.7	-0.79	- 5.6	7.7/05.8	66148	2002 GE ₁₄₆	2004 08 29.3	22 32.11	-21 48.6	18.9	-0.76	- 5.7	3.7/25.1	32009
2002 AU ₄₀	2004 08 29.1	22 31.27	-10 00.8	19.5	-0.84	- 6.3	0.2/28.9	30608	2001 WA ₃₅	2004 08 29.3	22 32.13	-18 06.4	18.9	-0.94	- 6.3	3.5/26.5	66243
1999 CU ₁₀	2004 08 29.1	22 31.28	+22 26.1	17.2	-1.32	+ 5.3	13.5/04.5	66081	2001 FG ₃₁	2004 08 29.3	22 32.15	+12 34.4	22.9	-0.66	- 5.0	4.5/05.9	30453
1999 TO ₁₄₇	2004 08 29.1	22 31.30	-19 08.2	19.1	-0.83	- 4.9	3.4/25.9	66094	2003 BG ₃₅	2004 08 29.3	22 32.17	+00 39.6	19.0	-0.99	- 5.7	4.2/01.4	66303
2000 RG ₄₂	2004 08 29.1	22 31.31	-06 50.9	17.6	-0.97	- 1.2	0.8/29.8	66144	2002 AG ₁₂₅	2004 08 29.3	22 32.18	-08 55.3	17.9	-1.18	+ 4.0	0.1/29.4	65288
1999 TV ₁₂₇	2004 08 29.1	22 31.33	-08 42.6	18.4	-0.75	- 4.8	0.2/29.3	66094	2001 SQ ₂₉	2004 08 29.3	22 32.18	-14 58.3	19.1	-1.05	- 4.3	2.2/27.7	66206
2001 YX ₇	2004 08 29.1	22 31.35	-00 28.5	18.3	-0.99	- 1.0	4.3/31.4	66255	2003 FA ₉₁	2004 08 29.3	22 32.24	-05 34.8	18.8	-0.91	- 2.7	1.3/30.4	65481
2001 XL ₂₆₄	2004 08 29.1	22 31.36	-03 39.1	17.0	-0.93	+ 0.2	3.0/30.6	65241	2004 PE ₃₆	2004 08 29.3	22 32.31	-09 15.6	17.8	-0.94	- 3.7	0.0/29.4	65954
2002 BR ₄	2004 08 29.1	22 31.39	-40 58.6	20.7	-0.85	- 3.9	7.0/18.0	48195	2001 WK ₈₆	2004 08 29.3	22 32.33	-27 36.9	19.2	-0.93	- 5.4	6.9/23.4	66244
1993 FP ₁₂	2004 08 29.1	22 31.42	-07 46.1	19.0	-0.80	- 6.7	0.5/29.6	66050	2000 SR ₂₆₆	2004 08 29.3	22 32.33	-03 57.0	18.9	-0.75	- 9.5	2.0/31.2	66158
2001 YV ₅₅	2004 08 29.1	22 31.42	-01 21.8	19.1	-0.97	- 4.2	3.1/31.4	65250	1997 VH ₇	2004 08 29.3	22 32.38	-20 24.3	19.0	-1.01	- 4.1	4.4/26.0	25695
2003 BZ ₄₅	2004 08 29.1	22 31.43	-09 32.6	18.5	-0.85	- 9.2	0.1/29.0	65435	2003 EF ₄	2004 08 29.3	22 32.39	-02 46.9	17.9	-1.04	- 1.4	3.1/31.1	65455
2001 SA ₁₅₉	2004 08 29.1	22 31.44	-01 15.6	19.4	-0.96	- 6.7	3.3/31.6	66211	2000 SX ₂₅₂	2004 08 29.3	22 32.41	-16 50.5	19.0	-0.82	- 5.8	2.4/26.9	66157
2000 JW ₈₃	2004 08 29.1	22 31.45	-39 29.8	20.3	-1.07	- 9.1	11.0/18.1	66126	2001 UN ₂₂₀	2004 08 29.3	22 32.43	-15 44.1	20.8	-0.96	- 4.5	2.2/27.5	48146
2002 DJ ₁₂	2004 08 29.1	22 31.48	-23 27.2	19.6	-0.75	- 6.3	4.2/24.2	66272	2002 GK ₁₂₂	2004 08 29.4	22 32.36	-18 07.0	20.1	-0.75	- 3.8	2.4/26.6	31589
2001 XO ₂₁₃	2004 08 29.1	22 31.48	-11 05.3	19.2	-0.89	- 7.2	0.6/28.6	66253	1999 TR ₁₃₄	2004 08 29.4	22 32.38	+03 47.6	19.0	-0.68	- 7.3	4.3/03.1	66094
2000 SF ₂₂₃	2004 08 29.1	22 31.49	-16 08.5	20.3	-0.96	- 3.2	2.6/27.2	29386	2002 EY ₇₉	2004 08 29.4	22 32.41	-09 24.4	20.5	-0.72	- 4.9	0.1/29.3	48220
1999 RA ₁₈₉	2004 08 29.1	22 31.51	-06 47.7	18.4	-0.69	- 8.4	0.8/30.0	66090	2002 EW ₈₈	2004 08 29.4	22 32.41	-05 38.4	18.9	-0.69	- 6.5	1.0/30.6	65334
2000 SE ₃₆₆	2004 08 29.1	22 31.51	-19 07.4	19.8	-0.90	- 5.9	3.3/26.0	47970	2001 XL ₁₀₇	2004 08 29.4	22 32.42	-16 07.4	18.6	-0.83	- 6.1	3.3/27.2	65209
1999 TO ₁₀₇	2004 08 29.1	22 31.51	-01 56.2	18.1	-0.86	- 1.7	2.4/31.2	66093	2000 SB ₆₆	2004 08 29.4	22 32.42	-07 59.5	19.1	-0.83	- 6.2	0.4/29.8	66150
2001 VV ₄₄	2004 08 29.1	22 31.54	-19 12.6	17.7	-0.96	- 5.5	4.5/26.0	66238	2001 TD ₄₀	2004 08 29.4	22 32.43	-02 08.9	17.9	-0.97	- 3.6	2.8/31.4	65054
2001 YW ₁₀₃	2004 08 29.1	22 31.55	-17 33.5	19.1	-0.84	- 7.2	3.1/26.4	66257	2000 SK ₂₀₈	2004 08 29.4	22 32.43	-01 08.6	19.0	-0.80	- 6.7	3.0/01.1	66156
2002 FV ₃₈	2004 08 29.1	22 31.55	-14 03.3	21.2	-0.72	- 5.6	1.3/27.6	48226	2002 CH ₁₄₆	2004 08 29.4	22 32.43	-05 07.0	20.1	-0.75	- 4.9	1.2/30.7	66269
1997 HQ ₁₁	2004 08 29.1	22 31.60	+00 29.9	18.3	-0.71	- 4.6	3.2/01.4	64646	2002 GA ₂₂	2004 08 29.4	22 32.46	-06 31.8	19.0	-0.60	- 4.0	0.6/30.3	65339
2003 FR ₉₂	2004 08 29.1	22 31.60	-34 10.7	18.6	-1.00	+ 0.5	8.8/22.5	66310	2003 HP ₁₁	2004 08 29.4	22 32.46	-23 45.9	20.9	-0.90	- 5.3	4.4/24.8	47547
2004 QO ₁₄	2004 08 29.1	22 31.66	+03 30.0	18.7	-0.96	+ 1.9	4.5/01.2	65983	2002 AN ₉₁	2004 08 29.4	22 32.48	-07 29.0	20.0	-0.80	- 6.9	0.6/30.0	48188
2000 QQ ₁₀₀	2004 08 29.1	22 31.68	-17 45.4	18.1	-0.89	- 3.2	3.7/26.7	66136	2000 VE ₂₈	2004 08 29.4	22 32.53	+05 32.4	18.0	-0.79	- 6.1	5.7/03.3	64877
2002 CK ₂₅₂	2004 08 29.1	22 31.69	-03 12.2	19.9	-0.84	- 5.3	2.0/31.1	33964	2001 XB ₉₇	2004 08 29.4	22 32.57	-00 07.5	18.2	-0.97	- 3.6	3.9/32.0	65206
2003 FS ₈₉	2004 08 29.2	22 31.65	-05 06.7	19.8	-0.97	- 4.1	1.6/30.4	50757	2001 XQ ₁₇₃	2004 08 29.4	22 32.58	-09 26.1	18.8	-0.86	- 5.4	0.1/29.4	66252
2000 WR ₇₅	2004 08 29.2	22 31.67	-07 14.3	18.4	-0.87	- 2.8	0.8/29.8	66171	2001 XS ₂₄₃	2004 08 29.4	22 32.58	+05 51.7	18.7	-0.88	- 2.4	4.9/02.9	66254
2003 CT ₇	2004 08 29.2	22 31.69	-17 18.6	20.2	-1.09	- 1.9	2.9/27.1	66305	1999 VJ ₁₉₆	2004 08 29.4	22 32.60	-42 04.2	18.4	-1.08	+ 1.1	11.3/19.7	66100
2001 XW ₄₄	2004 08 29.2	22 31.71	-17 01.3	18.1	-1.02	- 1.0	4.0/27.1	65191	2002 DP	2004 08 29.4	22 32.61	-09 28.4	19.8	-0.79	- 4.3	0.1/29.4	48214
1999 TQ ₁₃	2004 08 29.2	22 31.79	-05 29.3	17.9	-0.77	- 4.2	1.3/30.4	66092	2003 FS ₁₁₄	2004 08 29.4	22 32.65	-09 17.1	19.7	-0.87	- 7.9	0.0/29.4	66310
2000 RN ₉₉	2004 08 29.2	22 31.79	+03 37.4	18.4	-1.00	- 0.4	4.8/01.5	27699	2002 YB ₂	2004 08 29.4	22 32.66	-24 11.2	18.7	-1.58	+ 3.8	7.0/26.8	66299
2003 FB ₁₀₉	2004 08 29.2	22 31.80	-38 44.7	17.9	-1.04	- 1.1	12.7/19.5	66310	2003 EJ ₄	2004 08 29.4	22 32.80	-03 04.5	18.8	-0.99	- 3.1	2.5/31.2	66306
2001 UW ₅₁	2004 08 29.2	22 31.82	-32 46.6	19.4	-1.13	- 1.8	8.8/22.7	66230	1998 EX ₈	2004 08 29.5	22 32.73	-25 26.8	19.8	-0.93	- 3.4	4.7/24.5	66066
1999 VN ₉₄	2004 08 29.2	22 31.87	-11 25.7	19.8	-0.77	- 4.4	0.7/28.6	66099	2002 AB ₆₄	2004 08 29.5	22 32.74	-10 27.7	19.2	-0.76	- 7.7	0.4/29.1	30611
1998 FD ₁₂₉	2004 08 29.2	22 31.87	-19 30.8	17.1	-1.75	+10.2	5.7/28.2	66067	2004 MW ₇	2004 08 29.5	22 32.80	-06 04.4	18.2	-0.70	- 9.5	1.5/30.6	65877

2003 HQ ₉	2004 08 29.5	22 32.81	-17 25.4	19.6	-0.76	- 5.4	2.6/26.8	65492	2002 DW ₁₀	2004 08 29.7	22 33.60	-37 31.5	18.9	-1.12	- 1.9	9.6/20.7	66272
2002 EM ₉₈	2004 08 29.5	22 32.83	-04 08.8	19.2	-0.84	- 5.2	1.6/31.1	31981	2000 WN ₁₄₁	2004 08 29.7	22 33.63	+23 51.3	20.3	-0.83	- 0.7	7.5/09.2	12256
2001 DN ₃₄	2004 08 29.5	22 32.84	-09 38.2	18.6	-0.67	- 2.3	0.1/29.4	66183	2001 UY ₁₇₀	2004 08 29.7	22 33.65	-00 13.8	19.2	-0.93	- 6.0	3.3/01.5	46847
2001 XN ₆₆	2004 08 29.5	22 32.86	-04 54.9	19.8	-0.92	- 5.3	1.6/30.8	26071	2001 XC ₈₆	2004 08 29.7	22 33.65	+05 55.3	19.1	-0.84	- 3.7	4.3/03.4	66249
2001 XS ₂₁₈	2004 08 29.5	22 32.87	-13 49.9	18.4	-0.98	- 4.2	2.0/28.2	66253	2000 SQ ₃₀	2004 08 29.7	22 33.67	-10 06.0	18.9	-0.88	- 7.0	0.4/29.4	66148
2001 VL ₂	2004 08 29.5	22 32.92	-15 21.4	19.5	-0.98	- 5.8	2.3/27.6	50572	2002 CW ₁₅	2004 08 29.7	22 33.67	-11 15.1	19.4	-0.72	- 7.5	0.7/29.0	66265
2000 WJ ₆₀	2004 08 29.5	22 32.94	-22 23.2	18.3	-0.77	- 5.9	4.0/25.0	66171	1998 DA ₁₆	2004 08 29.7	22 33.70	-00 48.1	18.9	-0.81	- 7.7	2.6/01.5	66066
2001 UF ₆₇	2004 08 29.5	22 32.95	-08 55.9	20.2	-0.96	- 6.3	0.1/29.6	66230	2000 SC ₇₀	2004 08 29.7	22 33.71	-08 51.6	20.1	-0.86	- 6.3	0.1/29.8	13749
2003 BX ₄₅	2004 08 29.5	22 33.00	-09 56.1	19.3	-1.00	- 5.1	0.3/29.3	66303	2002 AB ₉₇	2004 08 29.7	22 33.72	-13 14.4	19.6	-0.94	- 6.1	1.7/28.5	65284
2001 VE ₁₀₂	2004 08 29.5	22 33.01	-20 48.7	20.0	-1.03	- 3.8	4.5/26.2	65154	2002 FE ₇	2004 08 29.7	22 33.73	-33 55.6	19.1	-0.86	- 3.1	6.9/21.6	66275
2002 AB ₂₈	2004 08 29.5	22 33.02	-07 31.2	20.3	-0.83	- 3.3	0.4/30.0	30607	2000 SF ₁₃₂	2004 08 29.7	22 33.74	+17 13.7	18.5	-0.87	- 3.4	10.4/07.9	66153
2001 YH ₈₅	2004 08 29.5	22 33.03	-24 02.2	19.6	-0.87	- 6.2	5.0/24.6	66257	2001 XQ ₈₇	2004 08 29.7	22 33.76	-29 51.4	19.0	-0.89	- 7.0	6.6/22.3	48165
2002 EO ₇₇	2004 08 29.5	22 33.04	-08 56.2	19.5	-0.81	- 4.3	0.1/29.6	65333	1999 TN ₁₆₆	2004 08 29.7	22 33.77	-09 13.7	18.6	-0.89	- 1.1	0.1/29.7	64680
2001 VH ₄₀	2004 08 29.5	22 33.04	-22 10.5	20.2	-0.97	- 5.0	4.7/25.5	46882	2001 TH ₁₇₉	2004 08 29.7	22 33.77	-06 49.8	19.2	-1.00	- 3.9	1.0/30.4	65081
2000 SX ₁₇₃	2004 08 29.5	22 33.08	+09 47.4	18.3	-0.92	- 2.3	7.5/04.4	66155	2004 PS ₅₁	2004 08 29.7	22 33.80	-18 50.0	18.3	-0.67	- 9.1	4.1/26.1	65961
2001 UX ₁₅₀	2004 08 29.5	22 33.09	-08 41.7	19.7	-0.96	- 6.9	0.2/29.7	48143	2001 XB ₂₄₄	2004 08 29.7	22 33.80	-19 53.3	19.0	-1.01	- 3.4	4.3/26.7	66254
2001 QD ₁₆₉	2004 08 29.5	22 33.13	-14 41.0	19.1	-0.93	- 9.1	2.2/27.7	66196	2001 TP ₄₄	2004 08 29.7	22 33.82	-27 33.4	18.6	-0.97	- 3.5	6.1/24.1	30475
2002 GO ₆₁	2004 08 29.5	22 33.14	-16 01.7	20.2	-0.77	- 3.8	1.9/27.4	33981	2001 VP ₁₀₆	2004 08 29.7	22 33.82	-22 19.4	19.5	-1.07	- 3.3	5.2/26.0	65155
2004 PA ₁₉	2004 08 29.5	22 33.15	-11 20.4	18.2	-0.93	- 5.4	1.1/28.9	65946	2000 QR ₁₀₂	2004 08 29.7	22 33.83	-26 20.4	18.0	-1.07	+ 1.2	7.7/25.4	66136
2001 XG ₁₄₁	2004 08 29.6	22 33.08	-10 03.7	20.5	-0.91	- 6.0	0.3/29.3	50579	2001 TJ ₂₉	2004 08 29.7	22 33.84	-07 39.2	17.8	-0.88	- 3.3	0.7/30.2	65050
2004 PR ₇₅	2004 08 29.6	22 33.10	-02 14.6	17.7	-0.61	-12.1	2.7/01.4	65971	2002 DF ₅	2004 08 29.8	22 33.80	-42 54.4	19.5	-0.94	- 2.4	8.8/18.0	30697
1995 XW ₄	2004 08 29.6	22 33.12	-00 51.1	19.2	-0.75	- 6.1	2.9/01.4	66056	2003 ES ₁₄	2004 08 29.8	22 33.80	-14 09.8	19.5	-0.93	- 6.1	2.0/28.2	66306
2001 TY ₁₇₇	2004 08 29.6	22 33.14	-06 08.4	20.0	-1.00	- 5.0	1.1/30.5	64762	2002 AR ₇	2004 08 29.8	22 33.80	-25 16.2	18.6	-0.91	- 7.2	5.5/24.3	66259
2000 OB ₃₅	2004 08 29.6	22 33.14	-13 01.9	18.2	-0.68	-13.3	1.7/28.1	64749	2001 VD ₃₅	2004 08 29.8	22 33.82	-06 10.8	18.7	-0.93	- 4.9	1.1/30.7	66237
2000 RH ₂₃	2004 08 29.6	22 33.16	-04 48.4	18.8	-0.90	- 5.0	1.6/30.9	66143	2002 DK ₁₁	2004 08 29.8	22 33.82	-07 06.6	17.7	-0.70	-18.9	0.7/30.6	66272
2002 EA ₁₄₃	2004 08 29.6	22 33.16	-10 24.6	20.7	-0.76	- 4.9	0.4/29.2	66275	2001 XG ₉₂	2004 08 29.8	22 33.83	-17 32.5	19.9	-0.94	- 4.9	3.0/27.2	66249
2002 AO ₄₆	2004 08 29.6	22 33.22	-19 06.1	18.6	-0.78	- 9.5	3.7/26.0	65278	2002 AO ₂₂	2004 08 29.8	22 33.87	-10 22.2	20.6	-0.73	- 4.6	0.3/29.4	30606
2000 GP ₁₅₉	2004 08 29.6	22 33.24	-07 03.5	18.3	-1.08	- 3.7	0.8/30.2	66120	2000 SK ₁₂₄	2004 08 29.8	22 33.87	+09 33.1	18.3	-0.68	-10.6	7.3/06.2	66153
2001 TY ₃₅	2004 08 29.6	22 33.24	-07 46.8	18.0	-1.03	- 2.6	0.5/30.0	65052	2002 CG ₂₃₃	2004 08 29.8	22 33.95	-07 19.3	20.8	-0.69	- 5.4	0.4/30.4	30687
1999 JH ₉₁	2004 08 29.6	22 33.25	-19 48.2	19.6	-0.87	- 7.6	3.5/26.1	43351	2001 XM ₁₁₇	2004 08 29.8	22 33.96	-30 02.1	20.8	-0.87	- 5.2	5.7/22.7	30577
1999 SW ₁₅	2004 08 29.6	22 33.28	+00 04.9	18.7	-0.81	- 2.5	3.0/01.4	66091	2000 JK ₂₀	2004 08 29.8	22 34.04	-10 42.2	18.7	-1.02	- 4.0	0.7/29.4	66124
2000 RC ₉₉	2004 08 29.6	22 33.30	+10 45.8	18.4	-0.91	- 2.8	6.6/04.7	66147	1999 CQ ₄₄	2004 08 29.8	22 34.09	-21 54.8	18.7	-0.93	- 6.2	4.9/25.7	66082
2004 MD ₄	2004 08 29.6	22 33.30	+31 14.8	18.1	-0.91	+ 1.7	13.4/11.8	65874	2002 EV ₁₀₀	2004 08 29.8	22 34.13	-20 54.6	19.1	-0.87	- 2.4	3.7/26.4	66274
2000 QH ₁₁₈	2004 08 29.6	22 33.30	+05 18.9	19.0	-0.64	-14.8	6.1/04.6	64770	1998 FC ₇₂	2004 08 29.8	22 34.17	-03 53.2	20.3	-0.80	- 5.1	1.6/31.5	47727
1999 VM ₅₄	2004 08 29.6	22 33.31	-10 07.1	18.6	-0.77	- 4.4	0.3/29.3	66099	2001 XE ₈₁	2004 08 29.8	22 34.19	-10 30.0	19.6	-0.94	- 6.9	0.6/29.4	66249
2001 TM ₄₄	2004 08 29.6	22 33.32	-24 20.4	18.4	-1.08	- 3.8	6.0/25.1	30475	1999 LM ₁	2004 08 29.8	22 34.19	+09 32.5	19.3	-0.85	- 4.8	6.3/05.1	66086
2003 DV ₂₀	2004 08 29.6	22 33.32	-12 56.1	20.0	-1.01	- 1.7	1.3/28.6	48330	2000 UG ₇₀	2004 08 29.8	22 34.23	-14 09.0	19.5	-0.91	- 1.9	2.2/28.5	7276
2002 CD ₂₈₃	2004 08 29.6	22 33.32	-06 47.3	19.4	-0.88	- 3.3	0.8/30.3	66272	2000 QS ₁₉₄	2004 08 29.8	22 34.24	+00 06.8	19.1	-0.90	- 3.3	3.9/01.6	64781
2001 TF ₁₉₂	2004 08 29.6	22 33.34	-05 16.9	18.4	-1.00	- 3.1	1.5/30.7	66226	2003 EH ₂₆	2004 08 29.9	22 34.22	-15 17.1	18.8	-1.08	- 2.0	2.6/28.3	65461
2002 CS ₆₃	2004 08 29.6	22 33.38	-29 26.0	19.1	-0.83	-11.2	6.8/21.6	48201	1999 VG ₁₀₆	2004 08 29.9	22 34.23	-02 22.2	18.8	-0.73	- 4.4	2.3/32.0	64691
2002 FW ₃₀	2004 08 29.6	22 33.40	-29 03.5	18.1	-0.78	- 7.8	6.9/22.2	66276	1998 EN ₁₉	2004 08 29.9	22 34.23	-09 42.8	19.6	-0.93	- 3.7	0.2/29.7	66066
2001 XR ₅₆	2004 08 29.6	22 33.46	-13 11.4	19.6	-0.94	- 5.8	1.5/28.4	65193	2000 TZ ₃₉	2004 08 29.9	22 34.23	-14 50.0	18.3	-0.72	-10.5	2.4/27.7	64863
2000 SU ₂₇₈	2004 08 29.6	22 33.50	-28 44.5	18.3	-1.03	- 4.1	7.9/23.2	13776	2000 SL ₂₅₇	2004 08 29.9	22 34.24	-05 23.6	19.5	-0.84	- 5.3	1.3/31.0	66158
2003 FR ₂₈	2004 08 29.7	22 33.46	-18 21.5	19.1	-0.78	- 7.4	3.4/26.5	66308	2001 QX ₇₈	2004 08 29.9	22 34.25	-08 17.0	16.8	-0.96	- 2.8	0.4/30.1	64945
1999 JP ₁₂₉	2004 08 29.7	22 33.46	+00 28.3	18.6	-0.77	- 9.0	3.3/02.1	66086	2001 UQ ₁₀₇	2004 08 29.9	22 34.27	-02 39.4	18.9	-0.89	- 7.4	2.5/01.0	66232
2000 SM ₂₈	2004 08 29.7	22 33.47	+00 47.9	19.3	-0.91	- 2.5	3.2/01.5	66148	2001 YA ₇₁	2004 08 29.9	22 34.28	-13 10.8	17.5	-0.84	- 6.1	2.1/28.6	66256
2001 XY ₂₄₇	2004 08 29.7	22 33.53	-04 26.5	17.9	-0.96	- 2.7	2.1/31.0	65239	2000 SU ₁₇₃	2004 08 29.9	22 34.30	+06 16.9	19.7	-0.87	- 2.9	4.7/03.5	66155
1999 UB ₃₇	2004 08 29.7	22 33.53	-22 00.1	19.9	-0.87	- 2.4	4.0/25.8	66098	2002 EZ ₉₆	2004 08 29.9	22 34.35	-02 47.0	18.4	-0.83	- 2.3	2.1/31.7	66274
2000 TN ₁₄	2004 08 29.7	22 33.54	-13 29.1	18.8	-0.84	- 4.0	2.0/28.4	64861	2001 YX ₄	2004 08 29.9	22 34.37	-47 03.5	20.5	-1.17	- 2.6	12.5/15.8	27792
2002 EF ₆₁	2004 08 29.7	22 33.55	-01 00.9	18.4	-0.63	-11.1	2.6/01.9	66273	2002 CY ₂₅₅	2004 08 29.9	22 34.39	+00 15.1	18.9	-0.93	- 1.4	3.3/01.4	66271
2003 EF ₅₃	2004 08 29.7	22 33.55	-25 13.0	18.7	-0.86	- 4.9	5.9/24.6	65467	2003 KD ₁₂	2004 08 29.9	22 34.41	-08 08.5	19.0	-0.69	- 8.3	0.3/30.3	66313

2001 XC ₁₉₆	2004 08 29.9	22 34.41	-14 53.3	19.0	-0.85	- 6.5	2.2/28.0	65229	2001 WZ ₇₃	2004 08 30.2	22 35.28	-10 15.5	19.2	-0.93	- 6.3	0.5/29.8	66244
2001 XL ₈₉	2004 08 29.9	22 34.47	-23 41.0	18.4	-0.99	- 1.4	7.4/25.9	65203	2004 PS ₃₇	2004 08 30.2	22 35.28	-10 06.3	17.7	-0.72	- 7.7	0.6/29.8	65955
2000 WU ₇₂	2004 08 29.9	22 34.49	-07 02.4	18.8	-0.86	- 3.3	0.7/30.5	66171	2003 HS ₄₉	2004 08 30.2	22 35.29	-16 12.5	19.6	-0.85	- 4.0	2.6/28.0	66312
2004 PR ₃₂	2004 08 29.9	22 34.52	-13 41.2	18.9	-0.89	- 5.7	2.1/28.5	65953	1999 FL ₅₅	2004 08 30.2	22 35.29	-09 45.2	18.2	-1.03	- 3.2	0.4/30.0	66084
1998 HK ₂₈	2004 08 29.9	22 34.52	-15 41.2	20.2	-0.88	- 3.0	2.0/28.0	66068	1999 GC ₁₆	2004 08 30.2	22 35.32	-20 12.1	19.8	-1.00	- 2.4	4.1/27.1	66084
2002 AY ₁₆₂	2004 08 29.9	22 34.53	-11 03.0	18.9	-0.77	- 7.7	0.6/29.3	66263	1999 RZ ₇₅	2004 08 30.2	22 35.34	+00 06.3	18.6	-0.69	- 8.0	3.1/02.5	66089
2001 VV ₂₂	2004 08 29.9	22 34.55	+01 21.7	19.1	-0.89	- 6.3	4.3/02.3	66237	2001 XE ₅₅	2004 08 30.2	22 35.37	-06 05.7	18.8	-0.93	- 5.6	1.0/31.1	30568
2002 BA ₂₈	2004 08 29.9	22 34.56	-22 10.3	18.4	-0.99	- 4.3	6.3/25.8	66265	2000 SG ₁₃₃	2004 08 30.2	22 35.38	+09 42.9	19.5	-0.85	- 4.6	6.1/05.3	47952
2003 KF	2004 08 30.0	22 34.54	-14 33.8	18.1	-0.69	- 8.5	1.8/28.0	66313	2002 EB ₉₃	2004 08 30.2	22 35.40	-12 21.8	18.8	-0.78	- 4.2	1.2/29.1	66274
2003 JS ₃	2004 08 30.0	22 34.54	-14 18.4	21.0	-0.87	- 4.6	1.9/28.4	50764	2000 HC ₄₈	2004 08 30.2	22 35.41	-21 14.3	19.3	-1.02	- 3.7	5.5/26.7	66122
2002 FN ₂₁	2004 08 30.0	22 34.56	-18 40.8	19.6	-0.72	- 5.9	2.6/26.7	66275	2000 TK ₅₇	2004 08 30.2	22 35.43	-35 28.6	19.2	-1.05	- 2.5	9.2/21.7	66163
1999 TP ₁₅₀	2004 08 30.0	22 34.60	+04 19.9	19.8	-0.67	- 4.7	3.3/03.5	66094	2002 CG ₁₂₈	2004 08 30.2	22 35.47	-06 50.2	20.0	-0.85	- 5.5	0.8/30.9	66268
1999 TY ₁₀₅	2004 08 30.0	22 34.60	+13 23.9	18.5	-0.70	- 5.6	7.4/07.1	66093	1999 TV ₁₃₅	2004 08 30.2	22 35.47	+01 38.6	19.7	-0.70	- 6.3	3.4/02.9	64678
2003 FY ₇₃	2004 08 30.0	22 34.62	-10 01.8	19.4	-0.92	- 6.7	0.4/29.7	66309	2000 HX ₅₃	2004 08 30.2	22 35.53	-01 19.4	18.7	-0.82	- 7.9	3.5/01.9	66122
2002 AP ₂₅	2004 08 30.0	22 34.63	-13 54.6	18.9	-0.80	- 8.5	1.6/28.3	66259	2002 FC ₁₅	2004 08 30.2	22 35.55	-20 04.8	19.4	-0.79	- 7.5	3.4/26.3	31987
2001 UR ₈₁	2004 08 30.0	22 34.63	-20 49.8	19.2	-1.02	- 3.8	4.6/26.6	66231	2001 XJ ₆₅	2004 08 30.2	22 35.56	+06 44.8	18.9	-1.00	- 1.8	7.2/03.5	23958
1999 TK ₈₀	2004 08 30.0	22 34.65	-23 30.2	19.8	-0.82	- 2.4	3.9/25.6	66093	2000 WL ₁₅₀	2004 08 30.2	22 35.59	-24 33.3	18.9	-0.94	- 2.2	6.1/25.7	66173
2003 BS ₂₀	2004 08 30.0	22 34.65	-16 23.7	19.3	-1.06	- 3.1	2.8/28.0	66303	2003 JC ₁₆	2004 08 30.2	22 35.60	-21 39.7	19.6	-0.72	- 7.6	3.8/25.7	66313
2000 SN ₁₈₉	2004 08 30.0	22 34.67	-01 04.9	18.3	-0.84	- 3.8	3.5/01.5	64841	2002 FQ ₃₇	2004 08 30.2	22 35.60	-27 10.7	18.0	-0.83	- 4.9	6.2/24.1	66276
1998 FD ₁₄	2004 08 30.0	22 34.68	-13 27.9	18.1	-0.87	- 4.5	1.6/28.7	66066	2001 TS ₁₀₅	2004 08 30.2	22 35.66	-23 02.9	17.6	-1.03	- 3.3	6.6/26.1	66222
1999 TP ₂₀₇	2004 08 30.0	22 34.68	+07 46.4	19.8	-0.85	- 0.9	5.2/03.8	9212	2003 EA ₄₉	2004 08 30.2	22 35.68	-14 56.3	18.6	-0.86	- 5.1	2.4/28.4	65466
2000 SQ ₁₉₈	2004 08 30.0	22 34.70	-05 22.5	19.6	-0.81	- 6.4	1.4/31.2	64842	2001 SW ₅₄	2004 08 30.2	22 35.71	-20 45.7	18.1	-1.07	- 4.2	4.6/26.8	66207
2000 SW ₃₅₈	2004 08 30.0	22 34.70	-29 20.3	18.9	-0.90	- 5.9	6.4/23.0	30407	2000 HW ₂₄	2004 08 30.3	22 35.65	-25 32.1	17.7	-0.99	+ 2.0	8.9/26.2	66121
2001 XQ ₂₁₉	2004 08 30.0	22 34.70	-10 08.6	18.7	-0.97	- 4.1	0.5/29.7	66253	2002 CM ₁₇₀	2004 08 30.3	22 35.65	-16 36.0	20.5	-0.92	- 4.4	2.4/27.9	48208
1998 VW ₃₉	2004 08 30.0	22 34.71	-13 11.9	22.4	-1.07	- 6.6	1.7/28.8	6818	2002 GS ₈₁	2004 08 30.3	22 35.67	-05 58.6	19.3	-0.70	- 7.0	0.8/31.3	66276
2002 AY ₁₀₄	2004 08 30.0	22 34.77	-14 39.3	19.5	-0.83	- 5.7	2.0/28.2	47144	1997 AA ₆	2004 08 30.3	22 35.67	+13 01.5	18.2	-0.87	- 2.0	9.0/05.9	66059
2002 AP	2004 08 30.0	22 34.77	-01 53.5	19.6	-0.88	- 2.6	2.0/01.1	30602	2000 UK ₄₄	2004 08 30.3	22 35.77	-02 14.4	18.5	-0.71	- 4.3	3.3/01.5	64870
2001 VU ₈₀	2004 08 30.0	22 34.80	-00 23.7	18.9	-0.88	- 4.7	4.3/01.7	65151	2003 CH ₁₅	2004 08 30.3	22 35.83	-37 38.1	16.7	-0.76	- 6.9	12.5/18.8	66305
1997 ER ₁₀	2004 08 30.0	22 34.81	-20 57.9	19.4	-0.98	+ 0.6	4.2/27.0	66060	2000 WG ₇₄	2004 08 30.3	22 35.84	-15 36.9	18.2	-0.86	- 3.2	2.2/28.3	66171
2000 YB ₄₀	2004 08 30.0	22 34.84	-21 02.7	19.2	-0.75	- 6.3	3.5/25.9	66179	1997 BO ₇	2004 08 30.3	22 35.90	-03 54.1	20.2	-0.78	- 4.0	1.4/01.0	62218
2003 FH ₉₃	2004 08 30.0	22 34.85	-20 06.5	19.7	-0.95	- 4.6	3.9/26.7	66310	2002 YD ₂	2004 08 30.3	22 35.99	-51 16.9	19.3	-1.79	+ 2.2	18.9/17.2	66299
2004 LY ₁₇	2004 08 30.0	22 34.88	-15 17.9	17.1	-0.82	- 4.2	3.1/28.1	65863	1999 CK ₁₄₉	2004 08 30.3	22 36.00	-08 24.9	20.2	-0.98	- 4.9	0.2/30.5	66083
2002 CS ₃₇	2004 08 30.0	22 34.91	-10 01.0	19.8	-0.73	- 4.7	0.3/29.7	66266	2004 PO ₈₂	2004 08 30.3	22 36.04	-11 57.5	18.3	-0.77	- 5.9	1.1/29.4	65973
1999 CJ ₁₅₂	2004 08 30.0	22 34.97	-07 26.4	20.1	-1.03	- 3.4	0.6/30.5	19401	2001 UM ₅₀	2004 08 30.3	22 36.05	-12 30.4	18.3	-0.81	-10.7	1.7/29.1	66230
2002 KF ₂	2004 08 30.1	22 34.96	+00 34.6	19.5	-0.58	- 5.7	2.4/02.5	65345	2000 SV ₁₉₁	2004 08 30.3	22 36.05	-03 32.0	19.3	-0.83	- 5.8	1.8/01.1	50493
2001 XC ₁₆₆	2004 08 30.1	22 34.96	-13 56.5	18.1	-0.76	- 7.1	2.4/28.4	65221	2001 WE ₃₉	2004 08 30.3	22 36.06	-11 23.2	19.0	-0.91	- 8.1	1.0/29.6	66243
2001 VJ ₂₈	2004 08 30.1	22 35.00	-14 32.5	19.0	-0.99	- 5.5	2.1/28.4	66237	1997 YP	2004 08 30.4	22 35.99	-11 45.1	18.8	-0.92	- 6.2	1.1/29.5	66064
2001 UR ₁₅₄	2004 08 30.1	22 35.01	+00 06.5	19.6	-0.89	- 7.2	3.7/02.1	46840	2000 SW ₁₉	2004 08 30.4	22 35.99	+01 07.6	18.4	-1.01	0.0	4.3/01.8	64812
1998 HB ₁₃₀	2004 08 30.1	22 35.04	-11 50.2	19.7	-0.84	- 4.3	0.9/29.2	66069	1999 XK ₈₁	2004 08 30.4	22 35.99	+01 26.8	19.8	-0.68	- 3.7	2.7/02.7	66102
2001 XX ₂₃₃	2004 08 30.1	22 35.06	-23 37.6	19.5	-0.89	- 4.3	4.7/25.6	66254	2001 AE ₁₀	2004 08 30.4	22 35.99	-12 47.3	19.8	-0.74	- 5.2	1.1/29.1	48003
2003 FH ₁₁₃	2004 08 30.1	22 35.12	-11 13.2	20.1	-0.96	- 4.8	0.8/29.5	66310	2003 EM ₅₇	2004 08 30.4	22 36.00	-22 35.3	17.8	-0.79	- 8.8	4.8/25.5	66307
2000 XP ₃₅	2004 08 30.1	22 35.15	-19 42.2	17.0	-1.08	+ 0.9	4.8/27.4	66177	2001 XE ₂₃₈	2004 08 30.4	22 36.04	-06 52.2	19.4	-0.92	- 5.0	0.7/31.0	66254
1996 TN ₉	2004 08 30.1	22 35.18	-18 56.4	19.3	-0.98	- 3.1	3.7/27.2	66058	2000 WO ₁₁₉	2004 08 30.4	22 36.04	+25 46.6	19.6	-0.77	- 1.9	8.1/11.6	9879
2000 HP ₃₂	2004 08 30.1	22 35.24	-14 19.7	18.9	-0.97	- 5.1	2.4/28.6	66121	1999 VW ₁₉	2004 08 30.4	22 36.04	-11 05.7	19.3	-0.74	- 4.8	0.7/29.7	66098
2000 SV ₄₁	2004 08 30.1	22 35.25	-16 42.6	19.1	-0.84	- 5.6	2.8/27.7	66149	2001 UT ₁₆₂	2004 08 30.4	22 36.04	-02 29.4	20.3	-0.89	- 6.7	2.4/01.5	48144
1994 WA ₅	2004 08 30.1	22 35.26	-11 33.7	20.2	-0.74	- 4.2	0.7/29.3	47694	1999 TD ₂₀₇	2004 08 30.4	22 36.06	-09 08.0	19.1	-1.30	+ 5.1	0.1/30.4	668
2000 SG ₁₉₄	2004 08 30.1	22 35.27	-05 58.9	19.7	-0.87	- 5.3	1.1/31.1	66156	2001 TJ ₃₂	2004 08 30.4	22 36.06	-08 35.5	18.3	-1.05	- 1.9	0.1/30.5	66219
1999 FD ₂₇	2004 08 30.1	22 35.28	-06 02.9	18.3	-0.76	-11.4	1.1/31.2	66083	2001 VU ₄₅	2004 08 30.4	22 36.07	-32 21.3	18.7	-1.01	- 7.1	10.0/21.7	48150
2002 AH ₃₉	2004 08 30.1	22 35.30	-06 38.9	18.8	-0.91	- 6.4	1.0/30.9	65276	2001 UX ₁₅₈	2004 08 30.4	22 36.09	-07 31.8	18.6	-0.88	- 7.2	0.5/30.8	66234
1995 WL ₁₉	2004 08 30.1	22 35.31	+07 25.2	19.8	-0.74	- 6.0	5.0/04.8	66056	1999 TP ₂₂₈	2004 08 30.4	22 36.12	-20 56.0	18.9	-0.86	- 2.2	3.8/26.9	66096
2002 BO ₂₇	2004 08 30.1	22 35.35	-11 12.1	19.2	-1.11	- 0.8	1.0/29.6	65300	2000 SL ₁₃₂	2004 08 30.4	22 36.24	+08 47.5	19.0	-0.96	- 0.5	7.2/04.2	47952

2000 RA ₉₇	2004 08 30.4	22 36.26 +20 39.7 17.8	-0.94 + 1.4	13.8/08.9	64804	1999 AU ₃	2004 08 30.6	22 37.03 -08 48.3 18.0	-1.07 - 2.7	0.0/30.7	66080
2001 SM ₂₈₆	2004 08 30.4	22 36.26 -08 07.4 18.5	-0.86 - 9.7	0.3/30.7	66216	1999 RG ₂₀₃	2004 08 30.6	22 37.03 +05 16.7 18.2	-0.76 - 4.4	4.4/04.2	66091
2001 XZ ₉₈	2004 08 30.4	22 36.29 -18 29.1 18.0	-0.94 - 6.4	4.1/27.3	66249	2001 BL ₄₈	2004 08 30.6	22 37.07 +10 37.9 19.4	-0.74 - 3.0	5.1/05.9	12278
2004 PW ₂₈	2004 08 30.4	22 36.31 +00 26.3 18.1	-0.87 - 2.2	3.8/02.1	65951	2001 QB ₁₉₈	2004 08 30.6	22 37.12 -08 39.0 17.6	-1.04 - 2.8	0.0/30.7	66197
1999 TD ₁₈₉	2004 08 30.4	22 36.34 -27 09.2 18.6	-0.98 + 0.4	5.4/25.6	30324	1999 JY ₅₅	2004 08 30.6	22 37.12 +02 54.1 19.4	-0.83 - 6.1	3.9/03.6	66085
2001 BC ₆₈	2004 08 30.5	22 36.35 -12 29.7 18.7	-0.89 - 1.1	1.1/29.5	66182	2001 SD ₅₂	2004 08 30.7	22 37.10 -10 41.7 19.3	-0.92 - 9.0	0.8/30.0	66207
2001 XX ₁₃₀	2004 08 30.5	22 36.36 +00 09.5 20.7	-0.88 - 6.4	3.3/02.4	48167	2001 XF ₂₀	2004 08 30.7	22 37.12 -09 01.7 18.3	-1.00 - 2.9	0.1/30.6	65187
1999 TT ₁₈₅	2004 08 30.5	22 36.39 +14 33.5 19.0	-0.74 - 3.1	6.3/07.3	66095	2001 AF ₃₃	2004 08 30.7	22 37.16 -01 23.5 18.5	-0.82 - 1.6	2.3/01.8	66181
2002 CJ ₈	2004 08 30.5	22 36.44 -15 58.0 19.4	-0.87 - 5.7	2.3/28.2	30636	2000 YR ₁₂	2004 08 30.7	22 37.17 +03 53.1 20.2	-0.71 - 3.5	3.1/03.7	13800
2001 TG ₃₆	2004 08 30.5	22 36.44 -20 08.0 19.3	-1.10 - 3.4	4.2/27.3	30474	2000 RV ₅₃	2004 08 30.7	22 37.17 +10 51.5 17.0	-0.93 + 0.4	8.9/04.7	64798
2000 QV ₁₂₃	2004 08 30.5	22 36.44 +06 16.0 18.3	-0.70 -10.3	5.9/05.3	66137	2003 FB ₃₉	2004 08 30.7	22 37.23 -13 53.5 20.5	-0.95 - 5.8	1.8/29.1	47414
2000 SA ₃₆₉	2004 08 30.5	22 36.44 +01 08.3 19.2	-0.90 - 3.5	4.0/02.5	66161	2001 VM ₈₈	2004 08 30.7	22 37.23 -18 27.4 19.5	-0.99 - 6.2	3.7/27.7	66240
2003 FR ₁₂₄	2004 08 30.5	22 36.45 +03 26.4 20.3	-0.79 - 5.7	3.7/03.6	48360	1999 XM ₁₅₂	2004 08 30.7	22 37.25 -30 28.5 18.7	-0.89 - 3.2	6.0/23.5	30342
2002 CV ₃₈	2004 08 30.5	22 36.49 -13 13.0 20.2	-0.79 - 5.2	1.4/29.1	66266	2002 CV ₂₉₆	2004 08 30.7	22 37.26 -13 24.4 20.2	-0.83 - 2.0	1.4/29.4	33967
2000 YF ₃₉	2004 08 30.5	22 36.53 -11 40.0 20.2	-0.73 - 5.5	0.8/29.6	47998	2000 HU ₉₃	2004 08 30.7	22 37.27 -23 03.0 20.0	-1.09 - 3.7	5.9/26.6	66123
2002 CE ₅₉	2004 08 30.5	22 36.54 -08 18.1 19.3	-0.73 - 4.5	0.1/30.7	66267	2003 FO ₂₄	2004 08 30.7	22 37.28 -20 11.0 19.8	-1.03 - 4.7	4.3/27.3	50754
2003 GT ₁	2004 08 30.5	22 36.56 -13 46.6 19.7	-0.82 - 6.9	1.5/28.9	66311	2002 CC ₂₃₀	2004 08 30.7	22 37.30 -07 39.9 20.0	-0.78 - 3.0	0.3/31.1	66271
2004 NR ₇	2004 08 30.5	22 36.57 -10 56.4 17.0	-0.49 -18.4	1.0/29.6	65889	1998 DY	2004 08 30.7	22 37.32 -06 29.6 18.9	-0.89 - 3.8	0.8/31.4	66065
2002 GE ₁₃₉	2004 08 30.5	22 36.59 -02 24.6 18.5	-0.75 - 5.7	2.3/01.6	66277	2000 QW ₄	2004 08 30.7	22 37.33 -06 03.3 18.4	-0.73 - 8.3	1.2/31.7	66133
2000 QD ₁₇₇	2004 08 30.5	22 36.62 -03 34.6 17.8	-0.74 -10.5	2.2/32.0	66139	2002 EU ₅₉	2004 08 30.7	22 37.36 -07 10.2 19.7	-0.79 - 4.6	0.5/31.2	66273
2000 RE ₈	2004 08 30.5	22 36.63 -01 50.8 18.5	-1.22 + 1.6	2.3/01.1	66142	2001 XZ ₈₄	2004 08 30.7	22 37.37 -17 19.9 17.9	-0.86 - 8.9	3.7/27.7	65200
2001 QC ₁₀₂	2004 08 30.5	22 36.70 -16 06.9 17.1	-1.03 - 1.6	3.9/28.6	66194	2001 VT ₁₁₄	2004 08 30.7	22 37.38 -23 37.2 17.6	-0.99 - 2.5	7.0/26.4	66241
2000 RX ₉₅	2004 08 30.5	22 36.72 -11 25.2 18.7	-0.84 - 6.9	1.0/29.7	66147	2002 AB ₂₅	2004 08 30.7	22 37.42 -07 48.8 20.6	-0.82 - 6.6	0.3/31.1	48185
2002 BK ₄	2004 08 30.5	22 36.72 -30 58.6 19.2	-1.02 - 3.4	7.3/23.6	30630	2000 SF ₈₄	2004 08 30.7	22 37.48 -10 09.8 18.2	-0.84 - 5.6	0.5/30.3	66151
2001 SU ₂₅₃	2004 08 30.5	22 36.75 -11 52.2 19.4	-0.94 - 6.8	1.2/29.6	66214	2001 XZ ₁₉	2004 08 30.7	22 37.51 -05 39.7 18.5	-0.96 - 3.3	1.1/31.7	30562
2000 WA ₁₉₂	2004 08 30.5	22 36.76 -23 43.2 18.8	-0.76 -10.1	6.5/24.7	64891	2000 SK ₂₉₀	2004 08 30.8	22 37.46 -07 25.6 19.1	-0.95 - 3.1	0.5/31.2	66159
2000 TJ ₅₇	2004 08 30.5	22 36.79 -30 31.5 18.5	-0.91 - 6.4	7.3/22.8	30410	2001 XO ₁₈₉	2004 08 30.8	22 37.46 -15 23.5 18.5	-0.80 - 8.7	2.9/28.4	65228
2000 RQ ₂₉	2004 08 30.6	22 36.72 -01 25.1 17.1	-1.11 + 3.0	3.3/01.2	64793	2001 BU ₇₅	2004 08 30.8	22 37.47 +17 33.6 17.8	-0.86 + 0.8	9.7/07.5	64904
2004 NJ ₃	2004 08 30.6	22 36.72 -20 24.3 18.9	-0.95 - 4.1	5.3/27.1	65883	2001 SN ₂₅₅	2004 08 30.8	22 37.49 -10 34.6 19.6	-0.95 - 6.4	0.7/30.2	50558
2002 CO ₂₀₉	2004 08 30.6	22 36.73 -14 21.7 19.7	-0.72 - 7.8	1.8/28.6	65324	1997 WR ₁₅	2004 08 30.8	22 37.54 -10 31.8 18.5	-0.83 - 6.3	0.9/30.2	66063
2000 SZ ₁₁₀	2004 08 30.6	22 36.77 -22 53.4 17.8	-1.00 - 0.7	6.1/26.7	66152	1998 HS ₇	2004 08 30.8	22 37.55 -29 35.0 21.5	-0.87 - 3.8	4.9/24.1	66068
1999 TL ₂₅₂	2004 08 30.6	22 36.79 -28 06.6 18.3	-0.80 - 5.1	6.1/23.9	50430	2003 FK ₄₈	2004 08 30.8	22 37.57 -15 25.9 19.0	-0.86 - 1.8	2.4/28.9	65474
1999 CF ₄₂	2004 08 30.6	22 36.79 -12 28.3 17.4	-1.08 - 1.7	1.7/29.6	66081	2004 PV ₇₉	2004 08 30.8	22 37.57 +02 50.1 18.8	-0.97 + 2.6	4.6/02.5	65972
2000 WY ₁₅₆	2004 08 30.6	22 36.81 -19 56.9 20.6	-0.77 - 3.5	2.8/27.1	35537	2001 BO ₅₉	2004 08 30.8	22 37.59 -12 10.0 18.5	-0.69 -11.6	1.0/29.5	66182
1999 EB ₁₁	2004 08 30.6	22 36.84 -10 06.1 20.4	-0.92 - 4.8	0.5/30.2	66083	1999 TQ ₇₉	2004 08 30.8	22 37.60 -15 43.5 21.0	-0.78 - 3.5	2.0/28.7	47804
2000 VG ₂₀	2004 08 30.6	22 36.84 -17 51.2 18.7	-0.84 - 4.7	3.1/27.7	66168	2002 AT ₁₆₄	2004 08 30.8	22 37.66 -00 19.5 19.5	-0.86 - 3.0	2.7/02.3	66263
2002 ES ₁₂	2004 08 30.6	22 36.85 -09 53.6 19.9	-0.86 - 4.5	0.4/30.3	31977	1999 RJ ₈₉	2004 08 30.8	22 37.67 -15 07.5 18.5	-0.84 - 2.3	2.0/29.0	66089
2002 EB ₃₅	2004 08 30.6	22 36.85 -07 25.0 18.8	-0.65 -10.1	0.4/31.1	66273	2002 CC ₁₅₂	2004 08 30.8	22 37.71 -16 04.0 20.4	-0.85 - 1.0	2.1/28.8	29845
2000 JM ₂₃	2004 08 30.6	22 36.85 -03 20.3 18.5	-1.04 - 4.0	2.2/01.2	66124	1998 FP ₉₈	2004 08 30.8	22 37.72 +01 38.1 19.5	-0.80 - 4.7	2.9/03.2	47727
1999 RZ ₂₀₉	2004 08 30.6	22 36.86 -10 27.4 18.1	-0.89 - 0.7	0.6/30.2	66091	2000 XP ₃₉	2004 08 30.8	22 37.72 -33 37.7 19.1	-0.93 - 2.3	6.9/22.8	66177
2003 HO ₁₂	2004 08 30.6	22 36.88 -10 35.4 21.2	-0.89 - 6.1	0.6/30.1	62445	1994 ST ₂	2004 08 30.8	22 37.79 -12 44.7 18.9	-0.89 - 1.4	1.4/29.8	66053
2001 YP ₁₀₄	2004 08 30.6	22 36.89 -11 05.1 19.2	-0.86 - 6.9	0.9/29.9	66257	2001 UP ₁₄₀	2004 08 30.8	22 37.81 -09 37.7 19.2	-0.94 - 6.5	0.4/30.6	46832
2001 XO ₁₅₇	2004 08 30.6	22 36.91 -22 31.8 17.5	-0.85 - 7.7	6.1/25.8	66251	2002 AF ₁₆₀	2004 08 30.8	22 37.83 -09 30.6 19.7	-0.84 - 6.4	0.3/30.6	66263
2001 XC ₁₇₃	2004 08 30.6	22 36.93 -18 44.7 18.6	-0.89 - 7.6	4.0/27.3	65223	2001 YF ₉₅	2004 08 30.8	22 37.88 +06 04.8 17.9	-1.06 + 2.6	7.4/03.2	65257
2001 VV ₆₄	2004 08 30.6	22 36.94 -00 01.9 18.5	-1.00 - 3.4	4.0/02.1	65147	2004 PU ₃₄	2004 08 30.9	22 37.83 -14 02.6 18.8	-0.64 -10.0	2.6/28.8	65954
2003 DA ₁₄	2004 08 30.6	22 36.96 -14 06.6 20.1	-0.95 - 5.8	1.9/29.0	50747	2001 YH ₆₀	2004 08 30.9	22 37.85 +00 58.8 18.4	-0.90 - 2.6	4.8/02.7	66256
2002 AD ₉₄	2004 08 30.6	22 36.96 -14 10.3 20.2	-0.84 - 4.3	1.7/29.0	27393	2002 AU ₅₁	2004 08 30.9	22 37.86 -09 34.6 17.9	-0.89 - 7.1	0.4/30.6	66260
2002 AF ₃₅	2004 08 30.6	22 36.96 -04 38.8 20.4	-0.86 - 4.6	1.3/01.0	50585	1981 EY ₂₃	2004 08 30.9	22 37.93 -04 12.7 19.0	-0.75 -10.1	1.6/01.6	66048
1999 VY ₁₈	2004 08 30.6	22 36.98 +02 54.3 20.6	-0.70 - 5.1	3.5/03.6	64687	2000 VZ ₃	2004 08 30.9	22 37.97 -03 28.4 19.6	-0.82 - 5.2	1.8/01.6	66167
2001 YM ₆₃	2004 08 30.6	22 36.99 -15 48.2 19.1	-0.85 - 4.9	2.3/28.5	66256	2001 XJ ₁₁₉	2004 08 30.9	22 38.05 -15 44.0 20.4	-0.89 - 4.8	2.2/28.7	48167
1998 CZ ₂	2004 08 30.6	22 37.01 -09 14.8 20.0	-0.80 - 6.0	0.1/30.5	66065	2001 SK ₂₈₃	2004 08 30.9	22 38.07 -15 39.3 19.7	-0.99 - 6.5	2.8/28.7	25997

2001 XB ₉₅	2004 08 30.9	22 38.16	-14 11.3	22.0	-0.97	- 5.7	2.0/29.3	48165	2002 GY ₆₉	2004 08 31.2	22 39.19	-13 55.4	19.1	-0.62	- 3.8	1.3/29.5	65341
2001 XL ₁₅₂	2004 08 30.9	22 38.23	+04 55.7	20.7	-0.86	- 5.0	4.5/04.3	47030	2000 SE ₁₄₇	2004 08 31.2	22 39.20	-04 17.1	18.4	-0.81	- 5.9	1.6/01.6	66154
2001 XS ₅₁	2004 08 31.0	22 38.18	-06 33.5	19.9	-0.94	- 5.9	0.8/31.6	66247	2002 CH ₁₅₅	2004 08 31.2	22 39.20	-10 52.3	17.9	-1.02	- 1.7	1.2/30.6	65319
2001 TP ₁₈₈	2004 08 31.0	22 38.20	-06 16.4	19.0	-0.98	- 5.1	0.9/31.7	66225	1999 TF ₁₂₀	2004 08 31.2	22 39.24	-09 56.2	18.3	-0.83	- 3.1	0.4/30.9	66094
2002 AH ₆₉	2004 08 31.0	22 38.23	-09 04.7	21.4	-0.72	- 4.7	0.1/30.9	30612	2004 PW ₈	2004 08 31.2	22 39.24	-08 53.6	17.3	-0.81	- 3.0	0.2/31.2	65939
2001 TQ ₆₉	2004 08 31.0	22 38.27	-03 36.6	19.9	-0.96	- 6.4	2.0/01.6	48119	1998 FS ₇₁	2004 08 31.2	22 39.29	+01 24.6	18.7	-0.79	- 7.0	3.1/03.6	47727
2000 XY ₁	2004 08 31.0	22 38.28	-03 25.9	20.6	-0.74	- 4.0	1.4/01.7	47995	2000 TL ₆₃	2004 08 31.3	22 39.24	+18 42.1	18.7	-0.80	- 5.1	10.8/10.7	66163
2000 RV ₈₀	2004 08 31.0	22 38.35	-12 46.3	18.1	-1.28	+ 6.5	2.0/30.3	64800	2001 XF ₁₀₁	2004 08 31.3	22 39.25	-13 35.8	19.2	-0.95	- 5.3	1.9/29.7	66250
2000 RC ₃₃	2004 08 31.0	22 38.36	+07 27.2	17.9	-0.77	- 8.4	5.6/05.8	66143	2002 CO ₁₀₈	2004 08 31.3	22 39.29	-12 46.7	20.3	-0.78	- 5.8	1.2/29.9	30660
2003 DP ₉	2004 08 31.0	22 38.37	-13 23.3	19.9	-1.02	- 3.6	1.8/29.7	66305	2001 XN ₁₁₂	2004 08 31.3	22 39.33	-04 03.3	17.3	-0.81	- 7.7	2.2/01.8	65210
2003 FO ₉	2004 08 31.0	22 38.37	+02 11.4	18.5	-1.02	- 1.1	4.2/03.0	66308	2000 SO ₂₄₇	2004 08 31.3	22 39.34	-17 06.4	19.2	-0.91	- 4.6	3.2/28.7	66157
2001 YR ₂₂	2004 08 31.0	22 38.37	-21 03.5	20.1	-1.01	- 4.4	5.2/27.3	30594	1999 VT ₂₁₇	2004 08 31.3	22 39.37	-11 55.1	20.1	-0.74	- 4.4	0.9/30.2	19465
2003 FX ₁₂	2004 08 31.0	22 38.37	-14 26.4	19.5	-0.91	- 4.1	2.2/29.3	65470	2002 CD ₄	2004 08 31.3	22 39.40	-27 17.9	19.7	-0.98	- 3.3	5.8/25.5	30635
2001 VJ ₁₅	2004 08 31.0	22 38.40	-21 01.5	19.3	-1.05	- 3.1	5.3/27.5	66236	2001 YF ₁₅₄	2004 08 31.3	22 39.41	-36 17.8	20.9	-0.82	- 4.1	6.8/21.8	50584
2000 YQ ₂₅	2004 08 31.0	22 38.42	-11 36.7	19.0	-0.81	- 4.2	1.1/30.1	66179	2001 YE ₅₂	2004 08 31.3	22 39.44	-02 34.9	19.9	-0.95	- 4.4	2.4/02.1	26099
2000 FT ₇	2004 08 31.0	22 38.45	-53 31.9	19.9	-2.01	+ 4.6	16.7/19.2	46398	1999 CD ₁₀₄	2004 08 31.3	22 39.52	-08 40.1	18.7	-0.93	- 7.6	0.1/31.3	66082
1995 RR	2004 08 31.0	22 38.45	-23 22.4	18.9	-0.86	- 5.4	5.3/26.1	66054	2002 AM ₁₇₆	2004 08 31.3	22 39.61	-04 07.8	18.9	-0.82	- 3.0	1.4/01.7	65293
1997 TA ₂₄	2004 08 31.0	22 38.46	-12 20.1	20.8	-0.97	- 5.0	1.4/29.9	25693	2003 DP ₇	2004 08 31.3	22 39.67	-04 14.3	18.5	-1.16	+ 2.2	1.6/01.3	65449
2000 RV ₈	2004 08 31.0	22 38.49	-25 04.9	17.8	-0.90	- 4.3	6.1/25.7	64788	2002 EK ₃₂	2004 08 31.4	22 39.61	-13 32.6	19.2	-0.79	- 4.4	1.7/29.8	66273
2001 YK ₇₉	2004 08 31.0	22 38.50	-07 45.8	18.9	-0.99	- 4.3	0.3/31.3	26102	2000 SK ₃₁₂	2004 08 31.4	22 39.66	+05 52.7	17.2	-1.05	+ 2.8	6.5/03.7	66160
2000 WE ₉₄	2004 08 31.0	22 38.51	+03 31.5	18.7	-0.85	- 3.9	4.3/03.8	9876	1999 TJ ₁₆₄	2004 08 31.4	22 39.68	+05 48.6	19.5	-0.70	- 5.4	4.1/05.3	66094
2000 RM ₆	2004 08 31.0	22 38.53	-19 50.1	18.7	-1.06	- 0.6	4.3/28.1	66142	2002 CQ ₁₇₀	2004 08 31.4	22 39.70	-15 18.0	19.4	-0.71	- 6.7	2.0/29.0	66270
2004 PF ₉	2004 08 31.0	22 38.54	+00 27.2	17.6	-1.07	+ 6.9	4.8/01.7	65939	1998 FU ₇₂	2004 08 31.4	22 39.73	-10 04.9	19.4	-0.78	- 6.7	0.5/30.9	66067
2004 PJ ₇₅	2004 08 31.0	22 38.55	-09 34.5	18.9	-1.12	+ 0.1	0.4/30.8	65970	2004 PZ ₂₈	2004 08 31.4	22 39.77	-04 38.8	18.8	-1.00	- 1.3	1.8/01.4	65951
2001 WJ ₇₆	2004 08 31.1	22 38.52	-07 26.9	19.8	-0.90	- 6.1	0.4/31.5	66244	2000 SE ₁₄₂	2004 08 31.4	22 39.78	+10 50.7	18.2	-0.84	- 4.4	7.0/06.6	47953
2001 UQ ₁₇₀	2004 08 31.1	22 38.54	-10 33.5	20.5	-0.96	- 4.9	0.7/30.5	48144	2000 XR ₃₅	2004 08 31.4	22 39.78	+04 59.5	17.1	-1.09	+ 3.7	6.0/03.3	66177
2000 XB ₁₉	2004 08 31.1	22 38.68	-23 44.0	19.6	-0.86	- 2.3	4.1/26.5	66176	2000 RZ ₇₇	2004 08 31.4	22 39.81	-06 18.0	18.8	-1.02	- 0.8	0.8/01.0	66145
1981 ET ₉	2004 08 31.1	22 38.68	-03 43.9	18.8	-0.97	- 4.4	1.8/01.6	66048	1998 FO ₇₁	2004 08 31.4	22 39.81	+02 17.3	17.7	-0.77	- 8.0	3.5/04.2	66067
1999 JK ₃₀	2004 08 31.1	22 38.71	-29 23.2	20.2	-0.95	- 4.3	6.4/24.6	47778	2000 RU ₉₈	2004 08 31.4	22 39.82	+14 26.5	18.3	-0.86	- 4.9	8.3/08.4	64806
2002 CS ₅₄	2004 08 31.1	22 38.72	-08 34.4	19.3	-0.79	- 5.9	0.0/31.1	66266	2001 SG ₂₄₇	2004 08 31.4	22 39.84	-09 33.3	18.4	-0.83	- 8.1	0.6/31.1	65031
2002 EC ₁₅₃	2004 08 31.1	22 38.76	+04 41.2	18.8	-0.76	- 3.7	4.0/04.4	66275	2001 WJ ₁₂	2004 08 31.4	22 39.88	-24 39.4	18.8	-0.91	- 5.3	7.5/26.1	66242
2000 YV ₄₇	2004 08 31.1	22 38.79	-11 27.2	21.1	-0.77	- 4.4	0.8/30.2	47999	2001 XC ₂₂₂	2004 08 31.4	22 39.96	-22 20.0	18.8	-0.98	- 3.2	6.4/27.4	65234
2002 CR ₉	2004 08 31.1	22 38.81	+18 10.4	19.1	-0.89	- 8.9	9.7/09.7	37746	2002 CB ₂₂₁	2004 08 31.4	22 39.98	-15 08.3	20.5	-0.85	- 3.2	1.9/29.5	30685
2001 XF ₂₃₉	2004 08 31.1	22 38.90	-07 18.7	20.5	-0.94	- 4.8	0.4/31.6	26093	1999 VK ₇₇	2004 08 31.4	22 40.03	-14 11.0	19.1	-0.80	- 3.3	1.8/29.7	66099
2001 WY ₁₉	2004 08 31.1	22 38.92	-06 27.0	20.3	-0.94	- 5.4	0.7/31.8	30553	2002 AN ₂₇	2004 08 31.4	22 40.06	-05 35.0	19.4	-0.94	- 2.1	0.9/01.3	66259
2000 QC ₁₄₁	2004 08 31.1	22 38.92	-29 27.4	18.2	-1.20	+ 1.5	7.4/26.1	66138	2002 CJ ₅₇	2004 08 31.5	22 40.02	-04 46.1	19.6	-0.82	- 4.5	1.2/01.7	35153
1999 CE ₁₄₇	2004 08 31.1	22 38.92	-08 44.7	20.9	-0.95	- 5.3	0.1/31.1	47770	2001 YO ₁₁₆	2004 08 31.5	22 40.11	-12 56.9	20.3	-0.95	- 5.3	1.6/30.1	66258
2003 FN ₁₀₀	2004 08 31.1	22 38.96	-11 22.6	20.2	-0.87	- 8.1	1.0/30.2	47473	2000 UO ₅₈	2004 08 31.5	22 40.12	-15 17.9	18.7	-0.91	- 2.7	2.3/29.5	66165
2001 TE ₁₆₈	2004 08 31.1	22 38.96	-02 22.5	18.7	-1.02	- 3.0	2.6/01.9	66225	2001 XK ₁₀₄	2004 08 31.5	22 40.16	+43 43.7	18.1	-1.07	- 0.1	20.8/21.0	66250
2001 XB ₁₁₆	2004 08 31.2	22 38.90	-32 18.0	19.8	-0.91	- 5.7	7.6/22.9	47014	2000 SM ₆₂	2004 08 31.5	22 40.17	-18 40.4	19.4	-0.96	- 2.6	3.1/28.6	30389
2002 CA ₇₈	2004 08 31.2	22 39.04	-13 04.8	19.7	-0.80	- 4.4	1.4/29.8	66267	2000 QE ₁₈₀	2004 08 31.5	22 40.18	-25 41.0	18.7	-1.58	+ 3.8	7.0/28.0	13711
2000 QV ₉₅	2004 08 31.2	22 39.06	-08 33.1	17.6	-0.79	- 6.7	0.0/31.2	64766	2002 CV ₉₁	2004 08 31.5	22 40.21	-10 04.5	20.7	-0.90	- 4.5	0.6/31.0	62387
2003 GU ₁₂	2004 08 31.2	22 39.08	-23 02.4	19.5	-1.00	- 1.6	4.7/27.3	66311	2001 XV ₁₉₅	2004 08 31.5	22 40.22	+05 15.8	20.1	-0.80	- 3.9	3.7/04.9	48171
1999 JT ₇₂	2004 08 31.2	22 39.10	-09 40.7	19.7	-0.85	- 6.4	0.4/30.9	62241	2003 FS ₉₃	2004 08 31.5	22 40.26	-12 58.4	18.3	-0.73	- 9.8	1.6/29.9	65481
1997 GE ₃	2004 08 31.2	22 39.10	-08 45.7	21.1	-0.76	- 4.6	0.1/31.2	26871	2002 EZ ₁₁₈	2004 08 31.5	22 40.34	-06 05.5	21.1	-0.85	- 3.2	0.7/01.3	31983
2002 EC ₄₀	2004 08 31.2	22 39.16	-09 27.2	20.6	-0.77	- 3.5	0.3/31.0	30707	2000 QA ₅	2004 08 31.5	22 40.37	-07 49.3	17.2	-0.94	- 2.0	0.3/31.7	66133
2000 XC ₄₁	2004 08 31.2	22 39.16	-40 25.2	18.6	-1.00	- 0.3	8.5/21.4	66178	2001 XD ₁₀₁	2004 08 31.5	22 40.43	+01 12.0	17.9	-0.99	- 2.1	4.2/03.2	65208
2001 SL ₄₈	2004 08 31.2	22 39.16	-16 12.6	17.9	-0.88	- 5.1	4.0/28.8	66207	2003 FV ₆₇	2004 08 31.5	22 40.44	-37 14.3	21.3	-1.34	+ 0.7	9.7/24.2	48351
2000 SV ₂₆₉	2004 08 31.2	22 39.17	-14 52.2	18.6	-0.79	- 6.6	2.5/29.1	66158	2000 TV ₆₃	2004 08 31.6	22 40.43	-20 28.6	18.8	-1.06	+ 0.3	4.6/28.6	66163
1999 VG ₉₈	2004 08 31.2	22 39.17	+05 08.5	19.9	-0.69	- 5.1	3.8/04.9	47822	1999 VK ₂₀	2004 08 31.6	22 40.45	-09 35.1	17.1	-0.96	- 0.3	0.4/31.3	66098
2000 UJ ₁₀₆	2004 08 31.2	22 39.18	-11 31.7	19.0	-0.79	- 7.0	1.0/30.3	66167	1999 AK ₂₀	2004 08 31.6	22 40.46	-10 55.5	19.7	-0.91	- 6.0	0.9/30.8	66080

2000 UU ₆₀	2004 08 31.6	22 40.54	-17 08.6	18.0	-0.95	- 1.6	3.4/29.2	66165	2000 SH ₂₅₈	2004 08 31.8	22 41.40	-21 42.4	19.6	-0.95	- 2.1	4.1/28.0	66158
2001 ST ₂₇₀	2004 08 31.6	22 40.54	-11 10.0	17.7	-1.06	- 2.8	1.1/30.9	66215	1999 RF ₂₂	2004 08 31.9	22 41.42	-10 44.5	18.5	-0.81	- 3.1	1.0/31.2	64664
2000 FV ₄₃	2004 08 31.6	22 40.57	-13 48.7	18.5	-0.98	- 7.3	2.2/29.9	66116	2004 NG ₅	2004 08 31.9	22 41.46	-09 54.9	17.8	-0.68	- 7.4	0.8/31.3	65886
2001 VO ₉	2004 08 31.6	22 40.58	-14 53.4	21.4	-1.00	- 5.7	2.5/29.7	30530	2004 PW ₇₉	2004 08 31.9	22 41.48	+02 18.0	19.7	-1.07	+ 1.5	4.4/03.4	65972
2000 SH ₁₀₅	2004 08 31.6	22 40.63	-16 24.0	19.6	-0.88	- 4.8	2.6/29.1	41672	2003 GE ₂₁	2004 08 31.9	22 41.49	-04 31.2	19.2	-0.78	-11.0	1.4/02.3	66311
2000 QN ₂₀₂	2004 08 31.6	22 40.64	-15 39.3	17.7	-1.12	+ 0.4	3.2/30.0	66140	2000 RP ₃₀	2004 08 31.9	22 41.52	-02 10.7	17.2	-1.06	+ 4.9	3.1/02.1	64793
2000 WW ₄₂	2004 08 31.6	22 40.66	-16 03.2	19.2	-0.81	- 5.8	2.7/29.1	66170	2001 SD ₆₉	2004 08 31.9	22 41.56	-07 17.9	18.0	-0.79	- 9.5	12.6/12.0	65002
2004 OQ ₈	2004 08 31.6	22 40.69	-18 16.8	18.2	-0.65	-10.2	3.6/27.8	65925	2002 DS ₉	2004 08 31.9	22 41.57	-31 42.1	19.3	-0.79	- 4.4	6.0/23.9	30698
2000 SL ₁₀₀	2004 08 31.6	22 40.80	-13 10.7	18.4	-1.13	+ 2.3	2.1/30.6	66152	2001 CP ₁₅	2004 08 31.9	22 41.60	-06 50.4	19.0	-0.73	- 2.3	0.4/01.4	66183
2001 SC ₃₀₅	2004 08 31.7	22 40.70	-07 42.5	20.1	-0.99	- 5.5	11.5/12.0	66216	2004 MD ₃	2004 08 31.9	22 41.60	+30 57.7	18.1	-1.03	- 3.6	17.8/17.3	65873
2002 DD ₈	2004 08 31.7	22 40.71	-30 42.2	19.4	-0.97	- 4.5	7.0/24.2	30698	2000 QJ ₁₂₀	2004 08 31.9	22 41.62	-04 40.0	18.1	-0.85	- 3.8	1.6/02.0	64770
2004 PZ ₁₇	2004 08 31.7	22 40.71	-17 35.2	18.5	-0.78	- 6.7	3.5/28.5	65945	2000 SA ₁₈₆	2004 08 31.9	22 41.62	-00 12.4	19.4	-0.81	- 7.7	2.9/03.7	66156
2002 AE ₁₅₇	2004 08 31.7	22 40.71	-09 06.3	20.1	-0.84	- 6.3	0.2/31.5	30623	1999 TU ₁₈₈	2004 08 31.9	22 41.64	-03 04.2	20.6	-0.80	- 2.5	1.5/02.5	47809
2000 AV ₁₀₀	2004 08 31.7	22 40.77	+17 16.7	18.0	-0.68	- 5.9	9.0/10.3	64703	2000 SB ₃₀	2004 08 31.9	22 41.64	-16 43.2	18.7	-0.89	- 2.7	3.8/29.5	64814
2003 HS ₇	2004 08 31.7	22 40.80	+00 32.5	20.0	-0.76	- 7.2	3.0/03.8	47544	2002 CA ₂₇₅	2004 08 31.9	22 41.68	-09 12.6	19.8	-0.85	- 6.8	0.4/31.6	66272
2001 CS ₃₄	2004 08 31.7	22 40.85	-30 17.9	19.8	-0.88	- 4.2	5.9/24.2	18311	2002 BX ₁₀	2004 08 31.9	22 41.68	-15 12.9	19.1	-0.83	- 8.2	2.3/29.5	30631
2000 YW ₆₃	2004 08 31.7	22 40.85	-09 56.3	19.4	-0.70	- 4.7	0.4/31.2	66179	2000 WX ₁₇₈	2004 08 31.9	22 41.73	-39 12.6	17.8	-0.96	+ 2.1	15.4/21.7	66175
2001 YQ ₁₀₅	2004 08 31.7	22 40.86	-06 36.6	19.6	-0.85	- 5.7	0.6/01.3	66257	2002 AF ₄₈	2004 08 31.9	22 41.75	-02 45.8	19.9	-0.81	- 5.1	1.9/02.7	66260
2000 XQ ₂₅	2004 08 31.7	22 40.87	-25 18.5	19.1	-0.88	- 2.9	5.3/26.4	66177	1999 JE ₉	2004 08 31.9	22 41.79	-26 02.2	20.1	-0.94	- 6.3	5.7/26.0	47777
2001 VD ₃₄	2004 08 31.7	22 40.91	-22 03.3	19.9	-0.98	- 5.3	5.4/27.4	66237	2000 VT ₅₇	2004 08 31.9	22 41.81	-22 54.5	18.8	-0.81	- 3.4	4.1/27.3	66169
2002 CV ₂₇₄	2004 08 31.7	22 40.97	-08 48.6	19.0	-0.79	- 3.7	0.2/31.6	66271	2001 SE ₁₁₃	2004 08 31.9	22 41.83	-12 51.2	19.6	-0.99	- 5.6	1.9/30.6	66209
2001 TD ₁₇₈	2004 08 31.7	22 40.97	+01 43.7	19.7	-0.98	- 5.4	3.7/03.9	66225	2003 DP ₂	2004 08 31.9	22 41.87	-00 35.7	20.2	-1.05	- 3.8	3.1/03.2	65449
2003 EA ₂₇	2004 08 31.7	22 41.00	-07 03.5	20.6	-1.00	- 5.4	0.5/01.1	48335	2003 HD ₃₆	2004 09 01.0	22 41.80	-14 12.3	21.3	-0.96	- 6.0	2.1/30.1	47561
2002 AC ₅₉	2004 08 31.7	22 41.03	+01 30.4	19.6	-0.93	- 3.2	3.4/03.6	65280	2000 SY ₂₉₄	2004 09 01.0	22 41.85	-23 41.4	18.0	-1.14	+ 1.4	6.7/28.1	64851
2000 WZ ₁₄₅	2004 08 31.7	22 41.06	-23 51.0	18.4	-0.79	- 8.3	6.0/26.0	64888	2000 XY ₇	2004 09 01.0	22 41.87	-16 25.8	17.4	-1.01	- 2.3	3.5/29.7	66176
2000 TK ₄₆	2004 08 31.7	22 41.06	-15 29.9	18.9	-0.89	- 4.3	2.4/29.6	30409	6258 P-L	2004 09 01.0	22 41.90	-02 07.2	18.8	-0.72	- 5.3	2.1/03.1	66422
2004 PL ₅₅	2004 08 31.7	22 41.06	-17 52.9	18.9	-0.81	- 5.9	3.7/28.6	65962	2003 JT ₆	2004 09 01.0	22 41.91	-20 57.6	19.5	-0.85	- 4.5	3.8/28.0	66313
1999 UF ₁₂	2004 08 31.7	22 41.08	-30 40.6	20.6	-0.89	- 1.8	5.9/24.8	12182	2001 XZ ₅₇	2004 09 01.0	22 41.93	-15 04.7	19.1	-0.94	- 6.7	2.5/29.8	65193
1999 SZ ₁₄	2004 08 31.7	22 41.11	-01 40.9	19.5	-0.80	- 2.6	2.0/02.8	9167	2002 AQ ₄₉	2004 09 01.0	22 41.97	-07 24.5	18.8	-0.92	- 5.6	0.3/01.3	30609
1999 TK ₂₇₃	2004 08 31.7	22 41.13	+03 37.9	17.9	-0.98	+ 0.9	3.9/03.7	66097	2000 SW ₃₀₂	2004 09 01.0	22 41.98	-01 52.7	18.7	-0.80	- 3.6	3.0/03.0	64852
2001 UX ₁₇₄	2004 08 31.7	22 41.13	-06 57.9	18.7	-0.91	- 5.9	0.6/01.2	66235	2001 TH ₁₉₃	2004 09 01.0	22 41.98	-10 38.3	17.1	-0.99	- 1.3	1.2/31.4	65083
2000 RG ₉₅	2004 08 31.8	22 41.07	-15 48.3	17.6	-0.88	- 3.8	3.1/29.5	66146	2001 TH ₆₈	2004 09 01.0	22 41.99	-21 22.5	18.2	-0.93	- 3.3	6.7/28.1	65061
2002 EJ ₃	2004 08 31.8	22 41.14	-07 05.0	19.4	-0.77	- 5.1	0.4/01.2	66273	2002 FR ₂₀	2004 09 01.0	22 41.99	-19 02.8	18.9	-0.71	- 7.4	3.1/28.2	31988
2000 SX ₁₆₇	2004 08 31.8	22 41.14	+03 22.2	20.0	-0.84	- 5.6	3.9/04.5	29371	2001 TH ₃₄	2004 09 01.0	22 42.00	-11 41.1	18.6	-1.05	- 3.7	1.3/31.1	66219
1999 CU	2004 08 31.8	22 41.14	-14 42.0	20.2	-0.96	- 5.6	2.3/29.9	66081	2000 GC ₁₀₉	2004 09 01.0	22 42.06	-07 36.8	18.8	-0.92	- 8.8	0.2/01.3	66119
1997 SL ₃₀	2004 08 31.8	22 41.16	-16 17.7	19.8	-1.03	- 3.1	3.3/29.6	47715	2001 YZ ₇₀	2004 09 01.0	22 42.08	-07 36.9	20.5	-0.86	- 4.9	0.2/01.3	66256
2001 UG ₂₁₂	2004 08 31.8	22 41.16	-14 35.1	19.0	-0.94	- 2.1	3.3/30.1	65128	2003 CL ₁₁	2004 09 01.0	22 42.08	-04 07.2	17.8	-1.77	+11.3	2.3/01.4	65447
2002 AO ₁₈₄	2004 08 31.8	22 41.17	-18 27.5	19.2	-0.97	- 5.0	3.7/28.7	30628	2003 BH ₈₀	2004 09 01.0	22 42.11	-21 54.5	18.5	-0.90	-25.0	5.9/26.1	65441
2002 GC ₈₀	2004 08 31.8	22 41.17	-07 16.4	18.5	-0.69	- 7.1	0.3/01.2	66276	2003 FX ₅₁	2004 09 01.0	22 42.11	-19 38.3	19.2	-0.94	- 4.5	4.2/28.6	66308
2002 CB ₂₆₇	2004 08 31.8	22 41.17	-12 01.4	22.4	-0.71	- 5.8	1.0/30.6	31973	2000 WJ ₈₇	2004 09 01.0	22 42.11	-20 43.4	18.0	-0.80	- 4.7	3.9/27.9	66172
2002 GZ ₅₈	2004 08 31.8	22 41.18	+00 23.9	17.8	-0.80	- 7.2	3.3/03.7	65341	2002 DO ₆	2004 09 01.0	22 42.12	-08 57.7	19.5	-0.74	- 9.4	0.2/31.8	65330
2001 XC ₉₁	2004 08 31.8	22 41.20	-11 37.8	19.9	-0.98	- 5.0	1.2/30.8	30573	2000 YA ₂₁	2004 09 01.0	22 42.14	-26 57.6	18.9	-0.69	- 8.6	6.7/24.8	64897
2001 YW ₈₅	2004 08 31.8	22 41.25	-06 30.4	20.9	-0.88	- 4.1	0.5/01.4	66257	2002 CY ₁₂₁	2004 09 01.0	22 42.20	-04 07.5	20.0	-0.78	- 4.7	1.2/02.4	48205
1997 GJ ₁	2004 08 31.8	22 41.27	-00 41.0	18.6	-0.66	- 8.8	2.8/03.7	66060	1994 YL ₄	2004 09 01.0	22 42.21	-07 55.9	20.5	-0.94	- 5.3	0.1/01.2	66053
2003 ED ₄₆	2004 08 31.8	22 41.29	-10 04.3	19.6	-1.00	- 2.7	0.6/31.4	50752	2003 FD ₁₂₃	2004 09 01.0	22 42.21	-21 47.4	18.8	-1.01	- 2.1	5.3/28.3	66310
2002 CY ₂₇₂	2004 08 31.8	22 41.30	-24 38.8	19.1	-0.80	- 2.9	4.4/26.7	65328	1999 BC ₆	2004 09 01.0	22 42.22	-08 47.0	19.3	-0.90	- 8.5	0.2/31.9	50402
2001 TQ ₂₅	2004 08 31.8	22 41.38	-09 05.8	18.6	-1.06	- 3.4	0.3/31.6	66218	2002 BL ₁₀	2004 09 01.1	22 42.15	-08 57.0	19.2	-1.04	- 3.7	0.3/31.9	66264
1998 BT ₂₅	2004 08 31.8	22 41.39	-28 31.9	19.2	-1.15	+ 0.1	7.9/26.4	47722	2000 US ₇₃	2004 09 01.1	22 42.18	-06 38.3	17.9	-0.82	- 4.8	0.6/01.6	66166
1999 JU ₁₀₀	2004 08 31.8	22 41.39	+05 41.1	18.9	-0.74	- 9.7	5.0/06.1	66086	2002 AJ ₆₀	2004 09 01.1	22 42.22	-05 21.7	18.8	-0.93	- 4.8	1.3/02.0	66260
1995 UR ₄₆	2004 08 31.8	22 41.39	+11 27.0	18.5	-0.71	- 8.8	6.8/08.3	66055	2003 HO ₅₄	2004 09 01.1	22 42.22	-28 23.7	20.0	-0.93	- 3.0	6.4/25.9	47571
2000 RK ₈₅	2004 08 31.8	22 41.40	-09 24.3	18.2	-0.95	- 2.4	0.5/31.6	66146	2003 FF ₉₆	2004 09 01.1	22 42.23	+01 52.8	19.2	-0.92	- 6.6	3.8/04.4	56747

2002 CM ₂₆₃	2004 09 01.1	22 42.31	-06 16.3	19.2	-0.67	- 9.2	0.6/01.9	65327	2000 OM ₂	2004 09 01.3	22 43.29	-06 55.1	19.6	-0.92	- 5.5	0.4/01.8	14903
2000 WR ₆₉	2004 09 01.1	22 42.33	+09 10.4	19.0	-0.82	- 3.9	5.5/06.7	30426	2000 EZ ₆₂	2004 09 01.3	22 43.31	-11 11.2	19.7	-1.04	- 5.7	1.3/31.5	66113
2004 PQ ₄₀	2004 09 01.1	22 42.47	+01 58.5	19.4	-0.77	- 3.5	3.2/04.4	65957	2000 SM ₁₆₆	2004 09 01.3	22 43.32	-04 10.1	18.9	-0.95	- 1.4	1.7/02.5	64838
2002 DT ₉	2004 09 01.1	22 42.49	-33 19.5	18.9	-1.06	- 1.5	9.4/24.4	66272	2000 SW ₁₅	2004 09 01.4	22 43.25	+01 17.9	18.8	-0.77	- 8.1	3.9/04.8	64811
1999 FY ₁	2004 09 01.1	22 42.50	-07 25.9	20.2	-0.90	- 5.7	0.3/01.4	66083	2001 XQ ₁₂₄	2004 09 01.4	22 43.31	-17 00.9	20.5	-0.95	- 5.9	3.3/29.6	47018
2000 SS ₃₀₅	2004 09 01.1	22 42.53	+11 49.1	17.9	-0.69	- 8.3	8.4/09.0	66160	2000 SK ₁₉₈	2004 09 01.4	22 43.35	-10 24.7	19.5	-0.90	- 4.3	0.9/31.7	66156
2000 UH ₅₈	2004 09 01.1	22 42.57	+10 50.6	20.0	-0.80	- 5.1	5.2/07.4	41675	2002 AJ ₂₂	2004 09 01.4	22 43.39	+02 30.3	19.6	-0.96	- 1.6	3.7/04.3	30606
2001 XE ₆₇	2004 09 01.1	22 42.57	+00 24.1	18.4	-0.90	- 4.2	3.1/03.8	66248	2001 XJ ₂₃	2004 09 01.4	22 43.39	-03 18.3	18.0	-1.00	- 2.2	2.1/02.7	65188
2003 GP ₆	2004 09 01.1	22 42.59	-11 27.0	19.7	-0.87	- 6.9	1.1/31.1	50759	2000 GH ₉₂	2004 09 01.4	22 43.40	-23 48.2	19.5	-0.99	- 6.3	6.5/27.4	66118
2000 WE ₁₅₄	2004 09 01.2	22 42.51	-03 45.0	18.2	-0.93	- 2.1	1.6/02.4	66174	2002 GX ₃₆	2004 09 01.4	22 43.42	-16 28.4	19.9	-0.75	- 4.2	2.3/29.7	35181
2004 PU ₃₇	2004 09 01.2	22 42.57	-14 07.7	18.0	-0.71	- 9.6	2.4/30.0	65956	2202 T-3	2004 09 01.4	22 43.47	+04 14.2	19.0	-0.71	- 5.3	3.6/05.6	66424
2001 XR ₇₄	2004 09 01.2	22 42.57	-09 30.7	19.7	-0.92	- 6.4	0.5/31.8	65198	2000 WJ ₁₁₉	2004 09 01.4	22 43.50	-11 14.5	20.8	-0.75	- 3.8	0.8/31.5	66172
2000 QK ₁₉	2004 09 01.2	22 42.60	-09 55.1	18.3	-0.85	- 4.1	0.8/31.7	7050	2003 GM ₃₃	2004 09 01.4	22 43.52	-11 15.1	20.6	-0.96	- 5.4	1.1/31.5	62444
2000 SO ₁₆₃	2004 09 01.2	22 42.62	+12 07.6	19.3	-0.71	- 7.1	8.2/08.8	46482	2002 CN ₁₆₃	2004 09 01.4	22 43.53	-14 30.7	18.7	-0.93	- 5.0	2.5/30.5	65320
2004 PN ₃₅	2004 09 01.2	22 42.64	-11 00.1	19.3	-0.84	- 4.2	1.1/31.4	65954	2002 AD ₄₅	2004 09 01.4	22 43.54	-11 28.0	19.5	-0.85	- 6.2	1.3/31.4	66260
2001 VN ₈₀	2004 09 01.2	22 42.67	+02 55.9	19.1	-0.96	- 5.8	4.8/04.7	23918	2002 EX ₇₉	2004 09 01.4	22 43.57	-09 34.5	20.5	-0.75	- 5.0	0.4/32.0	66274
2000 SF ₁₇₄	2004 09 01.2	22 42.67	+08 25.5	18.7	-0.89	- 3.2	5.5/06.0	29374	2004 LA ₂₆	2004 09 01.4	22 43.62	-06 58.5	17.9	-0.64	- 8.2	0.5/01.9	66387
2000 GV ₁₆₀	2004 09 01.2	22 42.73	-19 40.5	19.2	-0.92	- 8.1	5.0/28.4	66120	2001 VF ₃₆	2004 09 01.4	22 43.62	+00 33.4	20.2	-0.89	- 5.0	3.0/04.2	48149
2002 EV ₁₃₃	2004 09 01.2	22 42.74	-03 37.2	19.4	-0.85	- 6.1	1.6/02.7	33538	2001 YA ₇₄	2004 09 01.4	22 43.63	-09 13.0	19.5	-0.96	- 4.5	0.5/01.1	66256
2001 TH ₄₀	2004 09 01.2	22 42.75	-09 37.1	16.6	-1.00	+ 0.1	0.8/31.9	66219	2000 SX ₆₇	2004 09 01.4	22 43.66	-07 42.5	18.5	-0.73	- 7.9	0.2/01.6	64821
2002 CY ₁₁₉	2004 09 01.2	22 42.78	-01 52.2	21.8	-0.86	- 4.6	1.9/03.2	30663	2001 VQ ₁₈	2004 09 01.5	22 43.62	+04 38.9	19.1	-0.91	- 6.6	5.4/05.7	46866
1999 TO ₂₂₀	2004 09 01.2	22 42.80	+12 00.4	19.7	-0.71	- 6.2	6.0/08.4	66096	1999 XS ₁₁₇	2004 09 01.5	22 43.63	-12 20.2	18.4	-0.79	- 3.1	1.4/31.2	66102
2001 SQ ₃₉	2004 09 01.2	22 42.84	-18 54.1	19.3	-1.02	- 4.5	5.0/29.0	66206	2001 WC ₂₃	2004 09 01.5	22 43.76	+11 18.7	18.7	-1.16	+ 0.7	6.6/06.2	65167
1995 SR ₂₄	2004 09 01.2	22 42.87	-08 32.0	19.2	-0.77	- 6.8	0.1/01.2	64642	1998 OM ₂	2004 09 01.5	22 43.77	-05 27.1	19.0	-0.73	- 4.3	0.8/02.4	66069
1994 XB	2004 09 01.2	22 42.87	+02 09.6	19.5	-0.83	- 5.4	5.2/04.6	26866	1999 RQ ₂₃₇	2004 09 01.5	22 43.81	-19 29.3	18.5	-0.74	- 7.0	3.6/28.5	66091
2003 GB ₃	2004 09 01.2	22 42.91	-12 16.3	18.9	-0.99	- 2.8	1.6/31.1	65485	2000 SK ₂₉	2004 09 01.5	22 43.82	-11 06.2	18.7	-0.98	- 2.8	1.2/31.7	66148
2002 AX ₈₆	2004 09 01.2	22 42.92	-03 28.9	20.7	-0.83	- 5.8	1.4/02.8	25557	1996 TE ₄₄	2004 09 01.5	22 43.82	-08 15.9	19.5	-0.88	- 4.2	0.1/01.5	66058
2004 PP ₁	2004 09 01.2	22 42.94	-06 42.9	18.0	-0.85	- 0.8	0.6/01.7	65932	2001 XK ₂₂₁	2004 09 01.5	22 43.83	+13 41.5	19.8	-0.90	- 5.6	7.4/09.0	47058
1999 UV ₄₅	2004 09 01.2	22 42.95	-13 50.4	18.7	-0.82	- 2.1	1.7/30.6	66098	2000 SV ₁₁₂	2004 09 01.5	22 43.86	+00 57.6	19.2	-0.77	- 8.4	3.4/04.7	66152
1999 XB ₁₄₂	2004 09 01.2	22 42.97	+25 34.3	19.3	-1.27	+ 1.5	15.7/10.3	66103	2000 QC ₁₀₉	2004 09 01.5	22 43.87	-15 24.9	18.2	-0.75	-11.4	3.0/29.7	66137
2003 FD ₁₀₁	2004 09 01.2	22 42.97	-12 37.2	20.8	-1.01	- 4.8	1.7/31.0	47473	2002 HF ₁₁	2004 09 01.5	22 43.88	-09 38.3	18.8	-0.68	-10.3	0.5/32.0	65343
2002 CG ₂₂₉	2004 09 01.3	22 42.88	-07 44.6	19.9	-0.83	- 5.1	0.1/01.4	66271	2003 GC ₄₉	2004 09 01.5	22 43.93	-11 15.7	20.2	-0.83	- 6.7	1.0/31.5	50761
2002 EZ ₁₀₈	2004 09 01.3	22 42.89	-09 17.0	20.2	-0.76	- 4.0	0.4/31.9	66274	2000 SK ₄₈	2004 09 01.5	22 43.98	+01 35.1	19.7	-0.90	- 4.3	3.8/04.5	66149
2002 EA ₉₄	2004 09 01.3	22 42.89	-08 19.3	19.1	-0.79	- 6.3	0.1/01.2	48221	2002 AH ₆₄	2004 09 01.5	22 44.02	-01 35.4	20.7	-0.92	- 4.7	2.4/03.5	62386
1999 UU ₃₈	2004 09 01.3	22 42.90	-19 47.9	18.6	-0.85	- 1.7	3.3/28.9	66098	2002 CO ₂₆	2004 09 01.6	22 43.96	+31 59.2	18.8	-1.18	+ 1.4	14.1/13.3	65305
2000 RW ₁₀₃	2004 09 01.3	22 42.96	-17 12.6	18.1	-1.11	+ 2.9	4.0/30.4	66147	2001 TD ₄₉	2004 09 01.6	22 43.97	-17 46.0	18.8	-0.99	- 5.9	4.3/29.5	66220
2000 SC ₁₁	2004 09 01.3	22 43.01	-19 05.1	19.0	-1.20	+ 1.7	4.0/29.8	66148	2002 CL ₈₉	2004 09 01.6	22 44.04	-07 22.6	20.6	-0.88	- 2.7	0.2/01.8	30655
2002 CA ₁₆₂	2004 09 01.3	22 43.04	-20 57.0	20.4	-0.81	- 7.6	3.7/27.8	30672	2001 YZ ₈₁	2004 09 01.6	22 44.14	-11 29.6	19.9	-0.84	- 4.3	1.1/31.6	48179
2000 WC ₁₅₅	2004 09 01.3	22 43.07	+08 26.9	18.3	-0.84	- 3.0	5.1/06.5	30432	2001 XK ₂₀₂	2004 09 01.6	22 44.15	-12 15.1	21.0	-0.91	- 6.9	1.4/31.3	31432
2002 CH ₁₂₃	2004 09 01.3	22 43.07	-03 09.1	19.7	-0.74	- 4.8	1.4/03.0	38332	1993 QJ ₉	2004 09 01.6	22 44.15	-11 59.8	18.9	-0.81	- 4.5	1.3/31.4	16710
2000 TT ₄₁	2004 09 01.3	22 43.08	-14 54.0	19.2	-0.82	- 7.6	2.2/30.0	66162	1996 XL ₁₀	2004 09 01.6	22 44.18	-06 40.0	19.4	-0.96	- 3.3	0.6/02.0	66059
2001 XQ ₁₅	2004 09 01.3	22 43.09	+02 21.0	19.0	-0.96	- 5.1	4.6/04.5	65184	1998 DQ ₂₃	2004 09 01.6	22 44.20	-35 04.7	18.7	-1.77	+ 5.1	12.8/27.4	47723
2000 YB ₁	2004 09 01.3	22 43.09	+12 00.7	20.5	-0.74	- 2.7	5.0/07.8	9893	2001 XD ₉₉	2004 09 01.6	22 44.23	-26 24.5	18.8	-0.89	- 5.9	5.8/26.4	48166
2000 SY ₂₂₄	2004 09 01.3	22 43.14	+03 38.4	20.1	-0.77	- 8.0	3.9/05.5	29386	2001 TG ₁₀₁	2004 09 01.6	22 44.27	-11 59.1	18.3	-1.05	- 3.4	1.6/31.5	65069
2004 QU ₉	2004 09 01.3	22 43.14	-18 23.3	18.9	-0.94	- 7.8	4.2/28.9	65982	2000 RH ₄₅	2004 09 01.6	22 44.29	-05 01.3	17.5	-1.04	+ 0.6	1.2/02.4	66144
2000 SL ₁₃₇	2004 09 01.3	22 43.15	-05 38.1	17.6	-0.83	+ 2.4	1.4/02.0	64832	2000 XU ₂	2004 09 01.6	22 44.31	+01 51.6	18.2	-0.98	+ 0.2	3.9/04.2	66175
2002 CY ₂₁₃	2004 09 01.3	22 43.17	-08 18.8	19.7	-0.80	- 3.8	0.1/01.3	66270	2003 ES ₁₅	2004 09 01.6	22 44.35	+00 34.3	19.9	-0.92	- 6.6	3.3/04.5	47330
1997 VD ₇	2004 09 01.3	22 43.18	-10 09.8	18.2	-0.95	- 4.2	0.9/31.8	66063	2001 SF ₂₈₅	2004 09 01.6	22 44.41	-01 56.0	19.2	-0.93	- 7.5	2.6/03.7	46691
1998 FO ₁₂₀	2004 09 01.3	22 43.24	-14 07.9	19.0	-0.95	- 2.2	1.9/30.7	66067	2000 SL ₃₄	2004 09 01.6	22 44.41	-13 03.8	18.6	-1.09	+ 5.0	2.6/31.7	64815
2003 EG ₆₀	2004 09 01.3	22 43.25	-18 03.6	21.0	-0.95	- 5.7	3.4/29.3	48340	2002 EF ₁₃₀	2004 09 01.7	22 44.37	+04 56.9	20.8	-0.79	- 6.8	3.8/06.0	48223
2001 YE ₃₃	2004 09 01.3	22 43.28	-01 40.5	19.0	-0.94	- 4.1	2.3/03.3	65248	2002 CV ₂₃₃	2004 09 01.7	22 44.38	-04 32.0	19.5	-0.76	- 7.1	1.0/02.9	30687

1999 TC ₂₀₈	2004 09 01.7	22 44.39	-08 00.7	17.5	-1.81	+13.2	0.0/01.7	66095	2000 YH ₇₃	2004 09 01.9	22 45.31	-09 35.8	18.6	-0.69	- 5.3	0.4/01.4	66180
2002 CJ ₂₁₉	2004 09 01.7	22 44.43	-13 02.6	19.8	-0.77	- 3.4	1.4/31.2	48210	1998 CV	2004 09 01.9	22 45.33	-09 27.8	19.9	-0.82	- 6.5	0.5/01.4	30260
2000 SK ₂₇₆	2004 09 01.7	22 44.45	+12 50.0	18.8	-0.89	- 4.1	7.5/08.7	50495	2001 SC ₃₃₈	2004 09 01.9	22 45.33	-07 37.0	19.7	-1.00	- 5.6	0.1/02.0	66217
2000 QD ₁₄₆	2004 09 01.7	22 44.46	-08 37.6	17.8	-0.76	-12.2	0.2/01.5	66138	2002 CT ₂₁₃	2004 09 01.9	22 45.37	-12 22.8	19.7	-0.79	- 5.5	1.5/31.5	48209
2000 QU ₂₃₀	2004 09 01.7	22 44.51	-28 52.0	18.1	-1.02	+ 0.8	9.4/27.1	50485	2001 XA ₁₇₇	2004 09 01.9	22 45.39	-16 17.1	20.3	-0.85	- 6.8	2.8/30.2	30582
2002 EV ₈₃	2004 09 01.7	22 44.52	-05 39.6	18.7	-0.67	- 8.7	0.7/02.6	66274	2002 FS ₂₈	2004 09 01.9	22 45.39	-25 35.7	20.7	-0.84	- 2.8	4.7/27.4	30112
2000 SJ ₂₆₀	2004 09 01.7	22 44.53	-06 30.7	17.7	-0.69	- 8.4	0.7/02.3	66158	2000 SS ₃₂₂	2004 09 01.9	22 45.41	+00 23.0	19.7	-1.02	- 1.0	3.0/04.1	29419
1995 UG ₁₁	2004 09 01.7	22 44.54	-01 12.9	19.3	-0.76	- 6.5	2.5/04.0	64643	2002 AE ₁₆₀	2004 09 01.9	22 45.41	-05 43.0	18.0	-0.88	- 6.1	0.9/02.7	65291
2000 WL ₉₉	2004 09 01.7	22 44.56	-09 14.3	19.8	-0.75	- 4.3	0.3/01.4	66172	2002 CH ₈₃	2004 09 01.9	22 45.43	-12 04.3	18.8	-0.76	- 4.9	1.3/31.6	66267
2001 XA ₆	2004 09 01.7	22 44.59	-03 18.5	19.6	-0.96	- 5.9	1.8/03.2	65180	1999 CP ₁₄₅	2004 09 01.9	22 45.47	-07 41.5	19.7	-0.97	- 4.7	0.1/02.1	66083
1998 FN ₁₅	2004 09 01.7	22 44.61	+10 06.1	20.8	-0.77	- 6.2	5.1/08.1	66066	2002 AX ₁₇₄	2004 09 01.9	22 45.47	-07 36.2	18.4	-0.87	- 4.4	0.1/02.1	65293
2001 XO ₂₀₇	2004 09 01.7	22 44.65	-11 03.1	19.4	-0.89	- 7.1	1.1/31.8	66253	1999 GW ₁₃	2004 09 01.9	22 45.47	-12 11.1	19.5	-0.95	- 3.6	1.6/31.7	66084
2000 QA ₁₄₁	2004 09 01.7	22 44.71	-19 44.3	17.4	-1.11	+ 0.3	4.9/29.8	66138	2003 EZ ₃₄	2004 09 02.0	22 45.41	-00 15.4	18.7	-0.87	- 5.6	2.9/04.5	65463
1999 JQ ₉₄	2004 09 01.7	22 44.72	-23 32.8	19.2	-0.85	- 8.2	5.1/27.3	66086	2002 EO ₆₃	2004 09 02.0	22 45.43	-05 43.7	19.7	-0.71	- 5.5	0.7/02.7	66273
1995 YZ ₂₂	2004 09 01.7	22 44.73	-19 56.7	18.5	-0.99	- 7.7	5.2/28.8	66056	2001 US ₁₄₆	2004 09 02.0	22 45.47	-07 11.3	19.1	-0.91	- 6.6	0.3/02.2	66233
2001 BY ₆₄	2004 09 01.8	22 44.69	+17 44.7	19.4	-0.83	- 1.4	8.1/09.7	17541	2004 PG ₉	2004 09 02.0	22 45.48	-06 25.2	17.7	-0.75	-10.6	0.7/02.6	65939
1999 JL ₆₅	2004 09 01.8	22 44.71	-22 51.9	19.0	-0.94	- 4.2	5.2/28.3	66085	2001 VF ₁₀₂	2004 09 02.0	22 45.49	+05 15.8	18.5	-0.92	- 5.5	5.6/06.3	66241
2001 XU ₅₃	2004 09 01.8	22 44.73	-17 34.3	19.0	-0.97	- 7.1	4.0/29.6	66247	2000 SZ ₉₅	2004 09 02.0	22 45.52	-01 32.0	19.0	-0.83	- 5.5	2.6/04.1	66151
2002 CD ₅₆	2004 09 01.8	22 44.73	-03 05.7	19.1	-0.81	- 2.4	1.4/03.3	66266	2000 QX ₁₅₁	2004 09 02.0	22 45.54	-06 57.1	18.6	-1.09	+ 0.5	0.4/02.3	66138
2001 UU ₁₂₁	2004 09 01.8	22 44.74	-14 23.9	19.4	-0.98	- 6.1	2.7/30.8	30520	2000 UN ₄₀	2004 09 02.0	22 45.55	-23 43.8	19.0	-0.89	- 4.2	5.1/27.9	66164
2000 WR ₁₂₉	2004 09 01.8	22 44.75	-15 27.9	19.4	-0.86	- 3.8	2.7/30.5	66173	1999 VD ₁₁₅	2004 09 02.0	22 45.64	-21 31.7	19.1	-0.93	- 0.7	3.9/29.2	66100
1999 TQ ₁₅₇	2004 09 01.8	22 44.80	+25 56.6	19.1	-0.72	- 3.8	8.0/14.7	66094	2003 FY ₄₁	2004 09 02.0	22 45.64	-05 09.5	19.7	-0.88	- 6.4	1.0/02.9	50754
2002 GJ ₁₆₇	2004 09 01.8	22 44.84	-01 22.2	20.0	-0.72	- 4.1	1.8/04.0	33558	2001 XZ ₂₁₆	2004 09 02.0	22 45.66	-22 04.9	20.1	-0.89	- 5.2	4.9/28.5	66253
1999 NT ₁₅	2004 09 01.8	22 44.85	+01 57.9	18.4	-0.88	- 3.6	3.6/04.9	66087	2002 CX ₁₂₇	2004 09 02.0	22 45.66	-05 13.7	19.8	-0.81	- 5.1	0.9/02.9	48205
1999 RX ₆	2004 09 01.8	22 44.85	-06 34.1	18.7	-0.71	- 7.7	0.4/02.3	66088	2000 VA ₅₈	2004 09 02.0	22 45.66	-09 32.9	18.7	-0.88	- 3.2	0.6/01.6	66169
2003 EP ₂₅	2004 09 01.8	22 44.85	-12 18.9	18.6	-0.85	- 8.9	1.7/31.3	65460	2001 VN ₂₃	2004 09 02.0	22 45.70	-19 43.3	18.5	-1.00	- 4.1	4.5/29.5	66237
2001 SR ₁₆₀	2004 09 01.8	22 44.89	-06 09.8	18.7	-1.04	- 4.2	0.7/02.4	66211	2000 SG ₂₃₃	2004 09 02.0	22 45.71	-11 43.4	17.8	-1.21	+ 2.7	1.8/01.2	7591
2001 UB ₁₂₁	2004 09 01.8	22 44.89	+03 41.4	19.9	-0.89	- 7.2	5.0/05.7	30520	1998 OY ₂	2004 09 02.0	22 45.73	+12 08.2	17.9	-0.84	- 1.0	6.6/08.0	66069
1999 VY ₁₃₄	2004 09 01.8	22 44.90	-10 30.1	19.0	-0.75	- 4.0	0.9/01.0	33140	2002 CP ₁₄₈	2004 09 02.0	22 45.75	-08 41.6	19.3	-0.71	- 7.4	0.3/01.8	66269
1997 AB ₁₅	2004 09 01.8	22 44.91	-50 00.2	21.9	-1.35	- 9.5	13.6/17.0	66059	2000 SU ₁₅₇	2004 09 02.0	22 45.75	-02 52.5	18.9	-0.89	- 3.8	1.9/03.6	66154
2001 QZ ₁₇₈	2004 09 01.8	22 44.98	-25 26.6	17.5	-1.09	+ 0.4	9.0/28.4	66196	2002 CW ₁₄₀	2004 09 02.0	22 45.76	-00 27.4	18.4	-0.89	- 5.1	3.2/04.4	65318
2001 XK ₆₉	2004 09 01.8	22 44.98	-22 02.4	19.3	-0.97	- 5.8	5.8/28.3	66248	1999 UL ₃₄	2004 09 02.0	22 45.77	-10 37.1	20.3	-0.78	- 4.4	0.9/01.2	46383
2000 JV ₇₁	2004 09 01.8	22 44.99	-02 42.4	19.3	-0.89	- 9.0	2.2/03.7	66125	2000 PR ₂₂	2004 09 02.0	22 45.78	+04 47.3	19.7	-1.09	- 1.7	4.9/06.0	66132
2001 XT ₁₀₂	2004 09 01.8	22 45.02	+26 38.5	22.1	-0.98	- 2.7	10.0/13.0	30575	2000 XE	2004 09 02.0	22 45.81	-22 34.7	19.0	-0.82	- 9.5	5.5/27.5	66175
1995 MN ₆	2004 09 01.8	22 45.03	-44 31.1	18.2	-0.72	- 5.2	16.4/17.0	64642	2000 SQ ₁₆₅	2004 09 02.0	22 45.82	+10 46.9	18.9	-0.84	- 4.9	6.3/08.2	27713
5139 T-2	2004 09 01.8	22 45.05	-04 40.2	18.3	-0.86	- 1.7	1.1/02.8	66424	2004 PA ₄₀	2004 09 02.0	22 45.83	-06 34.4	18.3	-0.77	- 6.9	0.5/02.5	65956
2002 CL ₁₄₂	2004 09 01.8	22 45.08	-00 00.2	20.7	-0.82	- 5.4	2.2/04.4	31969	2002 CY ₅	2004 09 02.0	22 45.84	-07 13.9	20.6	-0.82	- 7.3	0.2/02.3	48197
2000 SN ₃₃₆	2004 09 01.8	22 45.08	-11 05.1	18.5	-0.89	- 3.2	1.0/32.0	66161	2001 UG ₉₅	2004 09 02.0	22 45.86	-15 38.4	19.9	-1.05	- 3.2	3.0/30.9	46809
2000 SS ₃₂₀	2004 09 01.8	22 45.10	-24 09.7	17.8	-1.02	- 1.2	6.0/28.2	66160	2000 RZ ₈₆	2004 09 02.1	22 45.83	-02 34.6	19.1	-0.82	- 6.6	2.1/03.9	47937
2122 T-2	2004 09 01.8	22 45.12	-06 11.9	18.3	-0.87	- 6.3	0.8/02.5	66423	2000 RJ ₄₀	2004 09 02.1	22 45.84	+01 46.7	18.4	-0.96	- 0.4	4.2/04.7	66144
2003 ET	2004 09 01.9	22 45.06	-09 25.2	18.1	-1.67	+ 8.5	0.8/01.7	65454	2001 XF ₁₅₁	2004 09 02.1	22 45.85	-04 01.3	20.0	-0.89	- 5.8	1.8/03.3	48168
2001 US ₆₁	2004 09 01.9	22 45.07	-14 12.4	20.2	-1.05	- 3.9	2.5/31.1	46801	2001 TM ₈₇	2004 09 02.1	22 45.86	-02 14.1	19.4	-1.00	- 5.1	2.1/03.8	66222
2002 CM ₂₅₄	2004 09 01.9	22 45.07	-06 42.3	19.4	-0.84	- 5.4	0.5/02.3	66271	2001 QS ₁₇₇	2004 09 02.1	22 45.93	-08 53.9	18.6	-1.01	- 3.3	0.4/01.8	66196
2000 SK ₂₇₂	2004 09 01.9	22 45.10	+01 52.5	19.7	-0.80	- 6.1	3.1/05.1	66158	2001 XM ₈₉	2004 09 02.1	22 45.93	-18 01.2	19.3	-0.99	- 3.8	3.7/30.1	50578
1999 TJ ₁₈₇	2004 09 01.9	22 45.14	-12 29.4	18.5	-0.88	- 1.1	1.6/31.7	66095	2001 XU ₂₆₀	2004 09 02.1	22 45.96	-13 56.4	18.7	-0.90	- 6.0	2.7/31.2	65240
1994 JK ₆	2004 09 01.9	22 45.17	+09 49.2	20.6	-0.80	- 6.5	5.9/08.0	5403	2001 XC ₂₄₄	2004 09 02.1	22 46.07	-17 31.6	19.9	-0.98	- 4.2	3.5/30.3	66254
2000 WH ₁₄₅	2004 09 01.9	22 45.18	-20 10.3	20.0	-0.81	- 7.2	3.8/28.6	66173	2000 EX ₁₄	2004 09 02.1	22 46.09	-10 12.9	19.4	-0.63	- 2.5	0.5/01.4	66112
2002 AQ ₁₆₄	2004 09 01.9	22 45.24	-07 55.3	19.3	-0.87	- 7.0	0.0/01.9	66263	2000 WR ₇₁	2004 09 02.1	22 46.12	-12 55.4	17.9	-0.93	- 1.4	2.0/31.8	66171
2000 SW ₃	2004 09 01.9	22 45.25	-28 46.1	19.2	-1.02	- 1.6	8.8/26.6	47939	2004 PB ₂₉	2004 09 02.1	22 46.13	-07 18.9	18.0	-0.71	- 7.2	0.3/02.4	65951
2002 EH ₉₉	2004 09 01.9	22 45.26	-18 29.0	19.4	-0.91	- 6.0	3.5/29.5	31981	2001 VF ₈₆	2004 09 02.1	22 46.15	-01 02.9	20.8	-0.94	- 4.7	2.4/04.2	48153
2002 CA ₁₁₆	2004 09 01.9	22 45.31	-50 51.4	19.7	-0.96	- 4.0	10.4/17.0	29829	2000 YN ₉₂	2004 09 02.1	22 46.18	-11 13.1	20.3	-0.73	- 4.7	0.9/01.1	30442

2001 TR ₁₈₉	2004 09 02.1	22 46.19 +03 34.3 18.1	-0.95 - 4.9	4.8/06.0	48129	1997 SH ₃₂	2004 09 02.4	22 47.08 -12 26.0 20.1	-0.94 - 6.1	1.6/32.0	23439
2004 QP ₅	2004 09 02.1	22 46.19 -06 53.6 18.9	-0.93 - 0.2	0.3/02.4	65981	2001 SY ₂₄₇	2004 09 02.4	22 47.09 -15 43.7 19.4	-1.01 - 5.2	3.0/31.0	48107
2001 VX ₅₉	2004 09 02.2	22 46.13 -18 51.1 19.6	-0.91 - 3.2	3.0/29.9	23059	2004 PV ₅₃	2004 09 02.4	22 47.13 -12 55.1 18.4	-1.09 - 0.3	2.5/01.2	65961
2001 XP ₅₃	2004 09 02.2	22 46.15 -07 26.0 19.7	-0.90 - 6.2	0.1/02.3	48162	2002 EV ₁₃₁	2004 09 02.4	22 47.13 -09 48.7 19.5	-0.76 - 4.1	0.6/01.8	66275
2001 VL ₇₅	2004 09 02.2	22 46.16 +23 08.0 20.4	-0.96 - 4.2	9.2/12.7	23068	1996 SB ₆	2004 09 02.4	22 47.17 -10 40.5 17.9	-0.90 - 4.0	1.2/01.6	66058
2000 SQ ₈₇	2004 09 02.2	22 46.17 -19 53.0 18.3	-0.87 - 6.3	5.0/29.1	64824	2000 QC ₁₇₀	2004 09 02.4	22 47.18 -02 16.9 18.6	-0.88 - 3.1	2.4/04.1	66139
1993 FR ₇	2004 09 02.2	22 46.17 -14 13.1 20.3	-0.82 - 4.8	2.0/31.2	30243	1996 AO ₆	2004 09 02.4	22 47.19 -08 00.4 20.2	-0.77 - 3.4	0.1/02.4	31807
2001 YN ₅₁	2004 09 02.2	22 46.18 -03 49.9 19.6	-0.89 - 4.6	1.4/03.4	66255	2001 YA ₆₄	2004 09 02.4	22 47.22 -08 48.5 18.6	-0.95 - 5.8	0.5/02.1	65251
2001 XX ₁₁₅	2004 09 02.2	22 46.22 -26 25.1 19.6	-0.94 - 5.2	6.2/27.0	65211	2000 UN ₅₇	2004 09 02.4	22 47.25 -03 11.3 19.0	-0.87 - 3.9	1.7/03.9	66165
2003 FC ₉₀	2004 09 02.2	22 46.23 -06 52.4 18.8	-1.01 - 2.9	0.4/02.5	65480	2001 XO ₁₇	2004 09 02.4	22 47.28 -10 44.4 17.9	-1.02 - 2.0	1.3/01.7	65185
1999 TT ₁₇₉	2004 09 02.2	22 46.24 +07 03.6 19.8	-0.70 - 6.4	4.7/07.6	60548	1999 YT ₃	2004 09 02.5	22 47.22 -11 06.7 16.8	-1.29 + 7.1	1.4/01.9	66104
1993 TU ₃₂	2004 09 02.2	22 46.24 -21 39.1 18.0	-0.96 - 2.8	6.5/29.0	66051	2002 BE ₈	2004 09 02.5	22 47.26 -09 47.2 20.1	-0.84 - 4.4	0.6/01.9	30630
1998 FL ₁₃₇	2004 09 02.2	22 46.30 +03 26.5 20.5	-0.74 - 8.0	3.4/06.3	49647	1998 FE ₄₂	2004 09 02.5	22 47.29 -01 19.3 19.3	-0.80 - 5.3	2.0/04.6	66067
1994 VU ₅	2004 09 02.2	22 46.34 -10 38.4 19.4	-1.00 - 5.0	1.1/01.4	66053	2002 AU ₃₉	2004 09 02.5	22 47.30 -06 39.6 18.6	-0.91 - 7.1	0.5/02.9	30608
1994 WP ₈	2004 09 02.2	22 46.36 +03 11.6 19.2	-0.69 - 6.8	3.4/06.2	50371	2000 QU ₂₁₂	2004 09 02.5	22 47.32 -07 25.7 18.4	-0.86 - 4.8	0.1/02.6	66141
2003 FB ₉₃	2004 09 02.2	22 46.39 -15 17.2 19.7	-0.96 - 6.7	2.8/30.9	47467	1991 TH ₇	2004 09 02.5	22 47.33 -02 23.9 18.3	-0.99 - 1.8	2.7/04.0	66049
2000 SN ₂₉₅	2004 09 02.2	22 46.39 -30 32.6 18.5	-1.13 - 0.3	8.5/26.6	33273	2002 CV ₁₅₇	2004 09 02.5	22 47.37 -17 40.6 20.7	-0.82 - 8.6	3.0/30.0	30672
2002 JR ₅₅	2004 09 02.2	22 46.41 +24 26.8 19.4	-0.70 - 4.0	7.2/14.4	33999	1999 RF ₁₄₂	2004 09 02.5	22 47.38 -08 10.7 18.6	-0.77 - 4.8	0.2/02.4	66090
2000 QQ ₂₁₄	2004 09 02.2	22 46.44 -09 57.2 18.4	-0.85 - 5.0	0.9/01.6	64785	1999 VV ₆₃	2004 09 02.5	22 47.39 -07 04.7 18.8	-0.75 - 4.7	0.2/02.7	66099
1999 TJ ₁₅₈	2004 09 02.2	22 46.50 -33 58.5 18.8	-1.08 + 0.8	8.8/25.6	66094	2002 CA ₁₀₅	2004 09 02.5	22 47.43 -10 00.8 20.0	-0.70 - 7.0	0.7/01.7	66268
2001 XZ ₆₅	2004 09 02.2	22 46.51 +18 50.5 19.5	-0.93 - 2.5	8.4/10.7	27786	2002 CA ₂₉₈	2004 09 02.5	22 47.44 -05 55.1 19.8	-0.83 - 5.2	0.6/03.1	33534
2001 VB ₅₇	2004 09 02.2	22 46.52 +02 05.4 20.3	-0.95 - 4.7	3.4/05.3	66239	2002 AC ₁₀₀	2004 09 02.5	22 47.44 -19 26.8 18.8	-0.88 - 6.3	4.4/29.6	66261
2001 YZ ₈₄	2004 09 02.2	22 46.54 +04 05.9 18.7	-0.93 - 2.7	4.3/05.8	66257	2000 GJ ₂	2004 09 02.5	22 47.45 -08 54.3 18.8	-0.96 - 4.6	0.6/02.2	64721
2003 KB ₉	2004 09 02.3	22 46.53 +00 25.8 18.5	-0.67 - 8.8	3.3/05.4	65496	2000 QR ₇₇	2004 09 02.5	22 47.48 -05 32.3 17.8	-0.88 - 4.4	0.9/03.2	66135
2002 FV ₂₀	2004 09 02.3	22 46.56 -34 33.6 19.4	-0.95 - 4.1	8.8/24.0	48225	2000 WT ₁₇	2004 09 02.5	22 47.48 -05 39.2 19.3	-0.78 - 4.7	0.6/03.2	66170
2002 GX ₅₄	2004 09 02.3	22 46.57 -15 54.0 19.7	-0.79 - 2.5	2.2/30.8	31526	1999 TE ₂₃₄	2004 09 02.5	22 47.48 -06 28.2 18.2	-0.90 - 0.8	0.4/02.9	66096
2001 VC ₆₂	2004 09 02.3	22 46.58 -18 14.5 19.2	-1.06 - 3.8	4.1/30.3	30542	2000 YX ₇₅	2004 09 02.5	22 47.49 -09 37.8 20.3	-0.75 - 4.4	0.5/01.9	29642
2002 CX ₄₅	2004 09 02.3	22 46.59 +09 47.1 19.3	-0.85 - 5.0	5.4/08.0	30644	2001 XH ₁₂	2004 09 02.5	22 47.50 -13 48.2 19.5	-0.88 - 3.9	1.7/31.7	26065
2001 WO ₃₉	2004 09 02.3	22 46.63 +02 49.7 18.2	-0.83 - 7.5	4.8/06.0	66244	2002 CX ₃₂	2004 09 02.5	22 47.58 -15 45.9 20.8	-0.90 - 4.9	2.5/31.0	30642
1999 TD ₈₃	2004 09 02.3	22 46.67 -09 34.3 20.7	-0.72 - 4.7	0.5/01.7	66093	2001 XD ₂₁₁	2004 09 02.5	22 47.58 +10 46.0 19.4	-0.85 - 4.7	5.5/08.6	30585
1999 VV ₉₄	2004 09 02.3	22 46.67 +02 54.5 19.9	-0.71 - 5.7	3.3/06.0	33136	2002 DO ₇	2004 09 02.5	22 47.59 -26 16.4 20.6	-0.97 - 3.1	5.6/27.8	30698
2000 SM ₃₅₁	2004 09 02.3	22 46.69 -21 13.9 18.6	-0.85 - 9.3	5.0/28.4	64858	2002 ED ₁₄₅	2004 09 02.5	22 47.62 -04 56.6 19.8	-0.73 - 3.9	0.8/03.5	35177
2000 SW ₁₂₄	2004 09 02.3	22 46.70 -30 54.8 19.1	-1.05 + 0.7	9.9/26.8	13757	2002 CQ ₁₁₉	2004 09 02.6	22 47.58 -10 08.4 19.5	-0.78 - 7.6	0.8/01.7	66268
2001 YF ₂₆	2004 09 02.3	22 46.78 +03 15.3 18.9	-0.87 - 4.9	3.5/06.0	66255	2000 WG ₆₂	2004 09 02.6	22 47.61 -34 50.3 18.3	-0.79 - 7.5	11.5/22.2	13797
1999 VZ ₁₈₀	2004 09 02.3	22 46.79 +19 45.6 18.1	-0.84 -17.1	12.2/14.5	66100	2002 CE ₄₀	2004 09 02.6	22 47.62 +06 27.2 20.0	-0.81 - 6.2	4.4/07.4	48199
2001 XS ₁₅₉	2004 09 02.3	22 46.79 +07 57.7 20.5	-0.84 - 4.3	4.6/07.4	30581	2003 FW ₁₂₁	2004 09 02.6	22 47.63 +03 56.5 19.7	-0.79 - 8.8	3.8/06.8	66310
2002 GY ₇₇	2004 09 02.3	22 46.81 -02 06.2 18.9	-0.73 - 4.2	1.6/04.2	31548	2002 AP ₃₅	2004 09 02.6	22 47.67 +01 07.8 20.1	-0.93 - 4.6	3.4/05.3	66260
2001 XR ₂₀₄	2004 09 02.3	22 46.81 -00 01.0 19.1	-0.86 - 8.2	3.2/05.0	65231	2000 WK ₁₆	2004 09 02.6	22 47.68 -10 21.2 19.4	-0.82 - 4.3	0.9/01.8	66170
1999 TR ₁₄₁	2004 09 02.3	22 46.82 -11 21.4 20.0	-0.76 - 3.7	1.1/01.2	31282	2001 VT ₆₅	2004 09 02.6	22 47.69 -19 16.1 17.9	-1.02 - 2.6	4.7/30.4	66239
2004 QF ₁₁	2004 09 02.3	22 46.87 -20 53.8 18.6	-0.73 - 6.8	4.4/28.7	65983	2002 CL ₅₉	2004 09 02.6	22 47.74 -09 10.1 19.9	-0.76 - 3.2	0.4/02.2	38332
2001 XE ₁₆	2004 09 02.3	22 46.90 -07 21.8 18.6	-0.91 - 6.1	0.1/02.5	66245	2002 AE ₁₅₄	2004 09 02.6	22 47.74 -06 20.3 20.1	-0.84 - 4.5	0.4/03.0	48192
1999 TW ₂₁	2004 09 02.3	22 46.91 -14 27.9 19.3	-0.81 - 3.6	2.0/31.3	66092	1996 HP ₂₀	2004 09 02.6	22 47.77 -06 39.1 18.1	-0.85 - 5.9	0.5/03.0	66057
1993 FW ₆	2004 09 02.3	22 46.91 -15 42.6 18.4	-0.88 - 4.0	2.8/30.9	66050	2001 XS ₁₈₇	2004 09 02.6	22 47.80 -07 11.4 19.5	-0.83 - 5.7	0.2/02.8	30583
2004 PP ₃₅	2004 09 02.3	22 46.92 -09 28.9 18.4	-0.95 - 2.2	0.8/01.9	65954	2000 WM ₁₇	2004 09 02.6	22 47.84 -07 26.3 19.9	-0.83 - 6.3	0.1/02.7	34972
3189 T-2	2004 09 02.3	22 46.95 -17 00.8 19.1	-0.99 - 3.3	3.8/30.7	66423	1995 SK ₁	2004 09 02.6	22 47.87 -08 58.4 19.9	-0.86 - 3.5	0.5/02.3	47697
1999 XT ₁₀₇	2004 09 02.4	22 46.86 +05 25.2 18.5	-0.72 - 4.5	4.2/06.8	30340	2000 SF ₂₇₉	2004 09 02.6	22 47.89 +05 30.9 19.0	-0.83 - 5.4	6.1/06.0	9834
1981 ED ₄₄	2004 09 02.4	22 46.88 -08 22.7 18.4	-1.02 - 3.1	0.2/02.2	66048	2000 HU ₅₄	2004 09 02.6	22 47.91 -14 02.3 18.5	-0.97 - 5.3	2.8/31.7	64729
2002 EU ₄₉	2004 09 02.4	22 46.90 -07 20.0 19.2	-0.79 - 5.0	0.1/02.5	66273	2001 XR ₁₉₅	2004 09 02.6	22 47.91 -00 57.7 19.1	-0.97 - 4.6	2.9/04.6	66253
2001 TW ₃₉	2004 09 02.4	22 46.94 -19 18.0 17.6	-1.05 - 0.5	5.9/30.3	66219	2003 HO ₇	2004 09 02.6	22 47.96 -14 10.6 21.1	-0.95 - 5.0	2.2/31.7	47544
1999 JF ₄₅	2004 09 02.4	22 46.98 -19 51.1 19.2	-0.93 - 3.8	4.4/29.8	66085	2001 YJ ₇₈	2004 09 02.6	22 47.99 -13 30.2 19.6	-0.95 - 6.0	2.3/31.8	66256
2004 PN ₁₉	2004 09 02.4	22 47.03 -10 59.3 18.0	-1.04 - 2.5	1.4/01.6	65946	2001 VP ₁₁₃	2004 09 02.6	22 48.01 -11 04.8 20.2	-0.93 - 5.3	1.2/01.6	30550

1999 RV ₁₈₇	2004 09 02.7	22 47.95	-07 10.6	19.9	-0.78	- 4.8	0.2/02.9	47796	2001 UA ₁₃₆	2004 09 02.9	22 49.10	-09 12.5	19.1	-0.91	- 6.7	0.6/02.5	66233
2003 FN ₂₈	2004 09 02.7	22 47.98	-33 16.9	20.5	-1.04	- 2.4	8.9/25.8	50754	2000 UV ₂₇	2004 09 03.0	22 49.02	+07 45.5	18.8	-0.95	- 1.8	6.2/07.3	33284
2000 JA ₃₆	2004 09 02.7	22 48.01	-20 45.8	19.1	-1.03	- 3.8	5.5/29.9	66125	1999 RJ ₉₇	2004 09 03.0	22 49.04	-09 46.3	19.4	-0.84	- 2.6	0.7/02.3	47791
2002 CG ₁₂₉	2004 09 02.7	22 48.02	-14 02.5	21.5	-0.68	- 7.5	1.5/31.4	30665	2001 XS ₁₉₁	2004 09 03.0	22 49.08	+01 45.5	19.8	-0.84	- 4.9	3.1/06.0	25486
1999 UP ₃₉	2004 09 02.7	22 48.05	-20 37.3	19.6	-0.82	- 2.5	3.6/29.8	66098	2004 NA ₂₃	2004 09 03.0	22 49.08	+06 31.6	17.3	-1.06	+ 4.5	6.8/06.1	65906
2002 CH ₂₀	2004 09 02.7	22 48.06	-16 12.7	18.4	-0.90	- 5.9	3.3/30.9	66266	2002 BN ₁₇	2004 09 03.0	22 49.11	-16 13.1	17.9	-0.74	- 7.4	4.2/30.9	66264
2002 FK ₂₇	2004 09 02.7	22 48.08	-23 46.8	18.9	-0.85	- 3.2	5.2/28.6	66275	2000 TJ ₃₃	2004 09 03.0	22 49.19	+16 18.1	19.3	-0.93	- 0.9	7.4/10.1	29428
2000 CD ₁₀₄	2004 09 02.7	22 48.08	-05 51.0	19.2	-0.55	- 4.6	0.4/03.4	47853	2001 SO ₇₁	2004 09 03.0	22 49.20	-24 22.8	18.2	-0.95	- 6.6	7.8/28.1	65003
1999 RX ₆₆	2004 09 02.7	22 48.11	-12 04.6	18.0	-0.81	- 4.3	1.6/01.3	66089	2000 YA ₇₇	2004 09 03.0	22 49.21	-24 46.6	18.7	-0.79	- 5.7	5.7/28.0	66180
2001 XF ₃₅	2004 09 02.7	22 48.11	-04 14.4	19.5	-1.03	- 2.8	1.3/03.7	65190	2002 CZ ₁₆₉	2004 09 03.0	22 49.22	-12 56.1	19.8	-0.88	- 1.8	1.6/01.5	30674
2004 QF ₂	2004 09 02.7	22 48.16	-22 01.4	18.9	-0.74	- 5.6	4.6/28.7	65980	2001 UA ₈₄	2004 09 03.0	22 49.24	-24 02.5	17.9	-0.93	- 4.4	8.0/28.6	66231
1999 UG ₄₈	2004 09 02.7	22 48.18	+10 15.5	18.9	-0.72	- 6.1	5.8/09.0	33125	2004 KN ₁₇	2004 09 03.0	22 49.25	+06 29.5	17.7	-0.98	- 0.9	6.3/07.1	65843
2000 EH ₅₄	2004 09 02.7	22 48.19	-16 08.6	18.0	-0.80	- 7.3	4.2/30.8	66113	1997 UD ₂₄	2004 09 03.0	22 49.30	-04 36.1	18.0	-0.95	- 3.1	1.3/03.9	66063
2002 CL ₂₄	2004 09 02.7	22 48.22	+11 39.3	19.7	-0.74	- 3.6	5.0/09.3	65304	2001 YP ₅₂	2004 09 03.0	22 49.32	-05 15.2	18.9	-0.93	- 5.2	0.8/03.8	66256
2002 CD ₂₇₆	2004 09 02.7	22 48.29	+14 48.6	20.1	-0.84	- 3.2	6.3/10.0	33966	2001 XR ₁₅₅	2004 09 03.0	22 49.34	-05 16.7	19.8	-0.85	- 6.1	0.8/03.8	65219
2002 GM ₆₇	2004 09 02.7	22 48.33	-32 35.1	20.3	-0.88	- 1.6	6.4/25.8	33548	2001 XA ₁₀₈	2004 09 03.0	22 49.36	+07 51.8	18.9	-0.93	- 3.9	5.1/07.8	30576
2002 CK ₂₀₉	2004 09 02.7	22 48.34	-08 29.1	18.9	-1.04	- 0.7	0.3/02.6	66270	2003 JK ₁₃	2004 09 03.0	22 49.42	-18 04.2	19.8	-0.90	- 3.8	3.5/30.9	66313
2000 HL ₈₁	2004 09 02.7	22 48.37	+00 56.8	19.0	-0.91	- 7.3	3.7/06.0	66123	2000 TQ ₁₉	2004 09 03.0	22 49.43	-17 47.2	18.5	-0.83	- 6.4	4.1/30.6	66162
2000 QE ₂₂₄	2004 09 02.7	22 48.39	-06 40.3	19.1	-1.09	- 0.7	0.4/03.0	64786	2003 GX ₅₃	2004 09 03.0	22 49.44	-24 43.3	17.9	-0.81	- 8.8	6.8/27.7	65491
1999 TQ ₁₄₃	2004 09 02.8	22 48.32	-13 56.9	18.6	-0.89	- 1.1	2.1/01.0	66094	2000 XJ ₃₂	2004 09 03.1	22 49.39	-11 20.9	17.4	-0.94	- 0.6	1.7/02.1	64894
2000 KP ₅₂	2004 09 02.8	22 48.32	-03 49.1	19.5	-0.90	- 8.3	1.6/04.1	64736	2002 CE ₁₉₆	2004 09 03.1	22 49.39	-11 28.6	20.2	-0.76	- 4.7	1.2/01.8	48209
2001 UV ₈₈	2004 09 02.8	22 48.33	-08 33.4	19.5	-0.94	- 8.1	0.4/02.5	48139	2000 UH ₆₃	2004 09 03.1	22 49.41	-01 32.8	18.9	-0.83	- 4.8	2.0/05.0	66165
2000 SC ₁₁₂	2004 09 02.8	22 48.39	-16 49.9	18.5	-0.96	- 1.7	3.6/31.3	66152	2003 BD ₁₆	2004 09 03.1	22 49.42	-06 17.4	16.5	-1.15	+ 1.3	0.6/03.4	65429
1999 TJ ₂₄₁	2004 09 02.8	22 48.41	-04 12.1	18.6	-0.67	- 8.4	1.1/04.1	66096	2002 CD ₁₀₄	2004 09 03.1	22 49.42	-07 56.0	18.0	-0.69	- 7.6	0.1/02.9	66268
2001 XU ₁₁₁	2004 09 02.8	22 48.43	-03 38.3	21.1	-0.78	- 6.3	1.1/04.2	25472	2003 DX ₄	2004 09 03.1	22 49.42	-14 04.7	19.8	-0.94	- 5.2	2.5/01.1	66305
2000 XK ₁₅	2004 09 02.8	22 48.44	-36 45.4	19.6	-0.85	- 3.9	9.1/23.6	66176	2003 FK ₁₈	2004 09 03.1	22 49.43	-06 07.1	19.7	-0.87	- 6.8	0.5/03.6	50754
2001 UJ ₈₂	2004 09 02.8	22 48.49	-22 17.4	18.5	-1.00	- 3.7	7.0/29.3	65108	1999 XZ ₂₆	2004 09 03.1	22 49.43	-10 45.5	18.5	-0.74	- 5.0	1.0/02.0	66101
2002 CT ₆₁	2004 09 02.8	22 48.50	-12 49.2	20.0	-0.95	- 2.1	1.6/01.4	30648	2001 XF ₇₆	2004 09 03.1	22 49.44	-03 02.3	19.8	-0.87	- 4.8	1.4/04.5	46993
2000 YU ₁₃₅	2004 09 02.8	22 48.50	-16 38.5	19.7	-0.83	- 5.9	3.3/30.8	66181	2003 EO ₃₇	2004 09 03.1	22 49.45	-29 15.3	18.6	-0.84	- 8.4	8.1/26.1	65463
1998 FR ₅₀	2004 09 02.8	22 48.52	-02 55.1	19.1	-0.80	- 8.9	1.5/04.5	66067	2002 CK ₂₈₆	2004 09 03.1	22 49.50	-07 40.6	19.8	-0.76	- 5.6	0.1/03.1	66272
2002 CC ₅₉	2004 09 02.8	22 48.64	-02 45.3	19.6	-0.78	-12.3	1.3/04.7	30648	2001 UU ₄₅	2004 09 03.1	22 49.55	-15 13.1	20.5	-1.04	- 6.1	3.1/31.7	30511
2000 UM ₁₄	2004 09 02.8	22 48.65	+01 33.3	19.7	-0.86	- 3.9	2.8/05.7	66163	2002 AE ₄₂	2004 09 03.1	22 49.58	-09 36.1	20.1	-0.79	- 6.5	0.7/02.4	30608
2003 BC ₇₉	2004 09 02.8	22 48.68	+08 32.4	19.1	-1.43	+ 2.5	7.4/06.2	66304	2000 RA ₃₃	2004 09 03.1	22 49.59	+10 08.3	18.3	-0.73	-11.7	5.9/10.1	66143
2002 CX ₁₆₀	2004 09 02.8	22 48.74	-11 11.9	18.2	-1.02	- 2.4	1.7/01.9	66269	2001 LL ₁₂	2004 09 03.1	22 49.60	+12 39.9	17.3	-0.98	- 4.9	10.4/10.1	64915
2004 PD ₁₉	2004 09 02.9	22 48.67	-07 29.7	18.5	-0.85	- 6.5	0.0/02.9	65946	2003 EO ₄₄	2004 09 03.1	22 49.63	-08 33.8	19.6	-0.95	- 5.3	0.5/02.8	66307
2000 XY ₃₄	2004 09 02.9	22 48.67	-13 29.3	17.5	-1.01	- 0.4	2.2/01.3	64894	2002 AJ ₅₉	2004 09 03.1	22 49.63	+05 30.7	19.7	-0.94	- 2.3	4.3/06.9	48187
2001 XS ₂₀	2004 09 02.9	22 48.68	+03 10.4	19.2	-0.89	- 2.7	3.2/06.1	27783	2001 XR ₂₁₇	2004 09 03.1	22 49.65	-13 55.5	19.7	-0.87	- 5.6	2.2/01.1	65233
1997 EC ₂₀	2004 09 02.9	22 48.68	-06 25.3	20.0	-0.77	- 5.5	0.4/03.3	60484	2000 WH ₉₇	2004 09 03.1	22 49.66	+06 05.4	18.4	-0.78	- 3.5	4.0/07.5	66172
2003 FS ₁₈	2004 09 02.9	22 48.73	-04 45.0	20.0	-0.83	- 7.1	1.0/03.9	66308	1999 TW ₃₀₈	2004 09 03.1	22 49.72	-04 42.8	17.8	-0.99	+ 0.4	1.0/03.9	66097
2000 XC ₄₂	2004 09 02.9	22 48.77	+08 05.3	17.5	-1.09	+ 3.0	6.6/06.0	64896	2001 XT ₆₇	2004 09 03.1	22 49.73	-10 34.2	19.4	-0.93	- 6.5	1.2/02.2	57848
2000 SL ₈	2004 09 02.9	22 48.79	-15 43.6	17.8	-0.86	- 5.3	3.5/31.3	66147	2001 XN ₇₂	2004 09 03.1	22 49.75	-05 27.0	20.1	-0.90	- 6.0	0.7/03.8	48164
2001 AU ₂₂	2004 09 02.9	22 48.79	-23 15.2	18.9	-0.76	- 4.5	4.5/28.6	66181	2001 YY ₇₃	2004 09 03.1	22 49.75	-20 29.5	19.3	-0.90	- 5.9	4.7/29.9	66256
2003 FB ₇₂	2004 09 02.9	22 48.92	-11 46.3	18.7	-0.76	- 9.9	1.5/01.4	65479	2000 SJ ₂₈₆	2004 09 03.1	22 49.80	-07 06.3	19.4	-0.88	- 4.0	0.1/03.3	27722
2000 YR ₁₉	2004 09 02.9	22 48.95	-34 13.0	20.6	-0.89	- 2.6	6.8/24.9	64897	2001 TT ₄₈	2004 09 03.1	22 49.86	-32 02.3	19.7	-1.35	+ 1.4	8.5/28.3	48117
2000 QT ₂₃₂	2004 09 02.9	22 48.95	-10 55.8	21.1	-0.93	- 5.3	1.2/01.9	23583	2000 LQ ₄	2004 09 03.2	22 49.79	-18 44.5	19.1	-0.93	- 7.8	4.4/30.5	66128
2004 PA ₉	2004 09 02.9	22 48.95	-13 06.9	17.9	-0.77	-10.5	2.5/31.9	65939	2002 AW ₄₅	2004 09 03.2	22 49.84	-24 22.3	19.3	-0.81	- 9.9	6.4/27.8	66260
2000 SB ₇₀	2004 09 02.9	22 48.98	-12 36.2	18.7	-0.89	- 3.9	1.9/01.4	66150	2002 AZ ₂₀₂	2004 09 03.2	22 49.87	+04 36.0	22.4	-0.92	- 2.5	3.7/06.7	35570
2004 PL ₉	2004 09 02.9	22 49.04	-03 17.8	18.5	-0.67	- 8.4	1.5/04.5	65940	2001 XA ₁₁₁	2004 09 03.2	22 49.88	-19 17.3	21.1	-0.96	- 7.0	4.4/30.3	23971
1999 TZ ₁₂₉	2004 09 02.9	22 49.06	+01 00.0	18.6	-0.70	- 7.0	2.5/06.0	66094	1999 EQ ₂	2004 09 03.2	22 49.90	-07 42.8	21.1	-0.91	- 6.1	0.1/03.1	62240
2002 CD ₉₆	2004 09 02.9	22 49.08	-09 42.2	19.4	-0.73	- 4.9	0.6/02.3	66268	2002 GA ₉₉	2004 09 03.2	22 50.00	+02 52.9	18.7	-0.72	- 6.3	3.2/06.8	31571
2000 SC ₈₀	2004 09 02.9	22 49.09	-13 22.0	19.4	-0.89	- 4.1	2.0/01.2	47947	2002 AN ₁₅₆	2004 09 03.2	22 50.00	+12 15.3	18.7	-0.90	- 2.9	7.5/09.6	48192

2000 YX ₇₉	2004 09 03.2	22 50.03 +07 24.3 18.1	-0.82 - 3.6	5.5/07.9	66180	2003 EN ₅₉	2004 09 03.5	22 51.08 -04 28.9 20.7	-0.80 - 7.5	0.8/04.5	62443
2001 VZ ₁₄	2004 09 03.2	22 50.04 +01 11.6 18.2	-0.99 - 3.4	3.9/05.7	65133	1999 VK ₂₇	2004 09 03.5	22 51.08 -13 52.6 17.3	-0.84 - 2.2	2.2/01.6	66098
2004 NY ₂₂	2004 09 03.2	22 50.10 -04 54.8 18.0	-0.72 - 8.6	1.2/04.2	65906	2000 TZ ₅₂	2004 09 03.5	22 51.09 -09 12.0 19.6	-0.87 - 4.1	0.7/03.0	66163
2000 SB ₆₁	2004 09 03.2	22 50.11 -06 59.1 19.3	-0.83 - 6.3	0.2/03.4	66150	2000 YS ₉₆	2004 09 03.5	22 51.10 -15 01.2 19.7	-0.73 - 5.7	2.3/31.9	66180
2001 WB ₄₅	2004 09 03.2	22 50.11 +42 47.4 17.6	-0.87 - 0.6	22.0/26.0	65173	2001 UC ₁₆₃	2004 09 03.5	22 51.15 -13 10.0 20.3	-0.95 - 5.3	2.1/01.8	30527
2003 CS ₁₅	2004 09 03.2	22 50.13 -20 01.2 19.0	-1.03 - 4.5	4.5/30.5	66305	1997 TE ₂₂	2004 09 03.5	22 51.20 -05 13.4 18.5	-0.93 - 5.3	1.0/04.2	66062
2000 SR ₁₀₄	2004 09 03.2	22 50.13 -14 44.5 19.8	-0.91 - 3.4	2.3/01.1	66152	2001 TJ ₅₀	2004 09 03.5	22 51.22 -05 34.8 18.8	-0.87 -10.2	0.8/04.2	66220
2001 XC ₁₈₀	2004 09 03.2	22 50.14 -08 22.3 18.9	-0.86 - 7.8	0.4/03.0	66252	2000 RK ₉₈	2004 09 03.5	22 51.22 +07 09.8 18.8	-1.14 + 1.9	5.4/06.9	66147
2003 ES ₅₂	2004 09 03.2	22 50.16 -23 13.1 19.4	-1.03 - 4.1	6.3/29.5	66307	2001 YC ₃₅	2004 09 03.5	22 51.24 -12 36.0 18.8	-0.92 - 5.3	2.1/01.9	66255
2000 RG ₄₄	2004 09 03.3	22 50.13 -09 35.5 17.8	-1.07 + 0.7	0.9/02.8	66144	2002 CX ₃₁	2004 09 03.5	22 51.25 -12 27.8 18.9	-0.81 - 2.8	1.5/02.0	66266
2001 UC ₉₇	2004 09 03.3	22 50.19 -02 49.5 19.0	-0.75 - 8.1	2.4/04.9	65110	1999 XX ₁₀₆	2004 09 03.5	22 51.25 -27 45.8 18.0	-0.92 - 1.1	6.9/28.4	66102
2002 CU ₁₈₃	2004 09 03.3	22 50.20 -10 16.6 18.8	-0.83 - 4.4	0.9/02.4	66270	1994 US ₅	2004 09 03.5	22 51.29 -17 41.7 19.0	-1.07 - 1.7	4.9/31.7	66053
2000 UQ ₈₆	2004 09 03.3	22 50.22 -18 29.7 18.4	-0.83 - 5.1	3.9/30.7	66166	1998 FP ₂₈	2004 09 03.6	22 51.20 -06 24.5 19.7	-0.82 - 6.1	0.3/03.9	30263
2002 CR ₅	2004 09 03.3	22 50.28 -05 31.4 20.1	-0.79 - 5.0	0.6/03.9	50589	2001 XM ₈₅	2004 09 03.6	22 51.22 -04 19.8 19.5	-0.89 - 7.0	1.2/04.6	66249
1999 TJ ₂₉₅	2004 09 03.3	22 50.29 -05 30.4 18.2	-1.05 + 1.7	0.7/03.8	64685	2000 VU ₅₄	2004 09 03.6	22 51.30 -46 15.0 19.7	-1.02 - 0.7	9.3/21.4	47986
2002 AY ₃₆	2004 09 03.3	22 50.29 -27 37.0 19.7	-0.87 - 7.1	6.6/27.1	66260	2000 RE ₉₈	2004 09 03.6	22 51.32 +13 03.8 17.9	-0.95 + 0.6	9.3/09.4	66147
2003 FE ₈₁	2004 09 03.3	22 50.30 -28 01.1 18.6	-0.98 - 1.2	7.8/28.5	48353	2001 UG ₁₂₇	2004 09 03.6	22 51.33 -29 07.4 19.6	-1.06 - 4.6	8.5/27.5	66233
2004 NH ₃	2004 09 03.3	22 50.32 -16 04.9 17.4	-0.88 - 2.2	4.5/31.7	65882	2003 GJ ₅₁	2004 09 03.6	22 51.33 +01 41.5 21.7	-0.79 - 9.1	2.9/06.9	47537
2001 XR ₁₇₉	2004 09 03.3	22 50.45 -04 13.0 19.0	-0.96 - 5.9	1.4/04.4	65225	1999 VW ₅₇	2004 09 03.6	22 51.34 -00 20.8 18.7	-0.72 - 5.3	2.4/06.0	64688
2003 AD	2004 09 03.3	22 50.46 -34 15.3 19.1	-1.03 -18.5	11.3/22.5	43484	2004 PE ₉	2004 09 03.6	22 51.40 -11 21.2 18.5	-0.77 - 5.9	1.8/02.3	65939
2000 QW ₁₂₀	2004 09 03.3	22 50.47 +00 49.3 19.1	-0.92 - 3.1	3.0/05.8	66137	2001 CF ₂₂	2004 09 03.6	22 51.41 -16 42.0 20.0	-0.73 - 4.9	2.6/31.5	33367
1999 CD ₄₆	2004 09 03.3	22 50.50 -07 56.3 19.8	-0.97 - 5.7	0.2/03.2	47767	2000 SQ ₁₀₆	2004 09 03.6	22 51.41 -01 42.9 18.7	-0.80 - 7.9	2.0/05.6	66152
2001 UU ₁₈₈	2004 09 03.4	22 50.48 -03 37.9 18.3	-1.00 - 4.3	1.6/04.5	66235	1999 TD ₇₉	2004 09 03.6	22 51.43 -07 23.7 19.0	-0.74 - 5.5	0.0/03.6	66093
2004 PT ₂₉	2004 09 03.4	22 50.48 -01 14.0 18.6	-0.62 -11.3	2.0/05.8	65951	2000 XM ₁₇	2004 09 03.6	22 51.46 -03 38.7 18.5	-0.77 - 2.2	0.9/04.8	66176
2001 XH ₄₃	2004 09 03.4	22 50.52 -11 09.7 18.6	-1.03 - 1.8	1.5/02.4	66246	2002 AS ₅₀	2004 09 03.6	22 51.50 -17 47.4 18.6	-0.75 - 9.1	3.9/30.8	66260
2002 CO ₂₃₃	2004 09 03.4	22 50.54 +08 53.0 20.4	-1.00 - 0.6	6.0/07.8	30687	2002 CV ₂₀	2004 09 03.6	22 51.53 -10 56.2 19.9	-0.78 - 4.8	1.1/02.5	66266
2001 YA ₈₂	2004 09 03.4	22 50.55 +03 50.9 20.1	-0.98 - 3.2	4.1/06.6	27793	1999 RZ ₂₁₀	2004 09 03.6	22 51.53 +00 18.2 18.3	-0.85 - 2.2	2.8/05.9	64670
2000 YU ₄₁	2004 09 03.4	22 50.55 -06 48.8 19.1	-0.79 - 4.7	0.2/03.6	66179	2001 UM ₂₈	2004 09 03.6	22 51.57 -22 15.1 19.0	-1.02 - 0.9	7.8/30.6	65097
2003 CG ₁₇	2004 09 03.4	22 50.58 -15 41.7 20.7	-0.95 - 6.0	3.0/31.8	48326	1999 YD ₁	2004 09 03.6	22 51.67 +22 49.6 17.9	-1.60 + 8.1	15.2/08.4	47837
2000 BJ ₄₉	2004 09 03.4	22 50.58 +16 14.0 19.5	-1.35 + 2.6	10.9/08.8	66107	1998 TJ ₂₄	2004 09 03.7	22 51.55 -06 16.5 20.8	-1.01 - 6.5	0.4/04.0	43337
2003 GT ₉	2004 09 03.4	22 50.59 -06 39.1 19.7	-0.81 - 7.5	0.2/03.7	47513	1999 VR ₁₇₉	2004 09 03.7	22 51.63 +15 57.0 20.4	-0.70 - 7.6	6.2/12.3	13007
1999 GE ₇	2004 09 03.4	22 50.63 -31 18.1 18.3	-1.07 - 2.6	9.6/26.7	47775	2001 XG ₇₁	2004 09 03.7	22 51.65 -21 43.8 19.1	-0.91 - 7.5	5.1/29.7	46990
1999 TU ₂₈₀	2004 09 03.4	22 50.67 -18 53.7 18.7	-0.87 - 2.6	3.7/30.9	66097	2001 XM ₁₆₁	2004 09 03.7	22 51.66 -14 47.1 20.3	-0.91 - 6.0	2.8/01.3	47035
2001 XD ₂₀₇	2004 09 03.4	22 50.70 -14 06.1 19.4	-0.89 - 7.3	2.4/01.2	66253	2001 WH ₉₁	2004 09 03.7	22 51.70 -08 54.0 20.6	-0.94 - 5.1	0.6/03.2	27302
2003 FT ₇₄	2004 09 03.4	22 50.71 -31 15.0 19.2	-0.95 - 3.5	8.3/26.8	48352	2000 TD ₂₉	2004 09 03.7	22 51.71 +16 50.0 18.3	-0.88 - 2.2	8.8/11.4	66162
1994 GB ₅	2004 09 03.4	22 50.72 -16 32.6 20.1	-0.94 - 2.8	3.2/31.8	47691	2000 SX ₁₇₁	2004 09 03.7	22 51.71 -01 09.7 18.9	-0.87 - 4.5	2.2/05.6	66155
2002 CS ₂₉	2004 09 03.4	22 50.74 -31 09.8 17.2	-0.77 - 8.3	10.0/24.8	48199	2000 WP ₁₇₅	2004 09 03.7	22 51.72 -15 45.6 18.7	-0.77 - 6.5	2.5/31.8	66175
2002 AS ₁₂₈	2004 09 03.4	22 50.75 +17 25.7 20.2	-1.22 + 3.0	8.7/09.1	30619	2001 TZ ₆₂	2004 09 03.7	22 51.73 -06 38.1 19.0	-0.93 - 7.7	0.2/03.9	48118
2003 BX ₂₆	2004 09 03.4	22 50.75 -00 50.6 19.5	-0.99 - 5.3	2.4/05.4	66303	2000 TK ₁₈	2004 09 03.7	22 51.74 -05 42.5 18.8	-0.86 - 5.0	0.6/04.2	66162
2003 FU ₁₁₆	2004 09 03.4	22 50.76 -10 12.6 20.4	-0.88 - 6.4	1.0/02.5	47491	2001 YQ ₅₂	2004 09 03.7	22 51.75 -29 50.4 20.0	-0.92 - 4.9	7.3/27.1	47086
1999 TJ ₄₅	2004 09 03.4	22 50.81 -00 59.0 20.6	-0.69 - 4.6	1.7/05.6	33096	2001 BK ₄₈	2004 09 03.7	22 51.76 +12 35.8 19.5	-0.70 - 3.4	5.0/10.5	35002
2000 QB ₂₃₂	2004 09 03.4	22 50.83 -08 17.8 19.6	-1.13 + 0.6	0.3/03.3	66142	2001 TT ₁₆₈	2004 09 03.7	22 51.78 -18 18.4 18.8	-1.14 - 1.4	4.2/31.8	23836
1999 XC ₂₁₃	2004 09 03.4	22 50.86 -06 35.6 18.3	-0.70 - 6.4	0.2/03.7	66104	1997 GF ₃₀	2004 09 03.7	22 51.82 -07 11.5 20.5	-0.75 - 4.6	0.0/03.8	47712
2001 VW ₂₈	2004 09 03.4	22 50.86 -17 59.8 19.7	-0.99 - 5.0	4.0/31.2	66237	1999 GR ₂₄	2004 09 03.7	22 51.83 -11 44.1 19.2	-0.93 - 5.6	1.5/02.4	66084
2002 CL ₁₁₈	2004 09 03.4	22 50.88 -06 39.5 19.8	-0.69 - 5.6	0.2/03.7	30662	2002 CT ₄₈	2004 09 03.7	22 51.90 -03 57.4 19.7	-0.76 - 7.3	1.0/04.9	30645
2001 QM ₇₄	2004 09 03.5	22 50.89 -10 54.3 17.5	-1.09 - 1.8	1.7/02.6	66193	2001 SH ₂₅₆	2004 09 03.7	22 51.93 -16 37.0 20.1	-1.10 - 3.6	4.0/01.1	23771
1995 FA	2004 09 03.5	22 50.89 -01 48.1 20.3	-0.85 - 7.1	1.9/05.4	50372	2001 VJ ₂₁	2004 09 03.7	22 51.98 -04 46.8 20.3	-0.97 - 5.5	0.9/04.5	48148
2000 ST ₂₂₈	2004 09 03.5	22 50.89 -05 15.4 19.2	-0.82 - 6.3	0.8/04.2	33268	2001 YD ₁₂₃	2004 09 03.7	22 52.00 -08 16.7 19.2	-1.02 - 3.5	0.4/03.5	65265
2002 AX ₁₈₅	2004 09 03.5	22 51.00 -15 13.5 18.9	-0.86 - 6.2	3.5/31.9	66264	2003 AR ₅₉	2004 09 03.8	22 51.98 +04 35.4 18.5	-1.53 + 5.0	6.0/05.8	66301
2001 XM ₂₃₉	2004 09 03.5	22 51.02 -10 44.4 20.3	-0.96 - 5.4	1.3/02.5	50581	2001 XW ₁₃₀	2004 09 03.8	22 51.98 -02 55.9 20.3	-0.91 - 6.3	1.5/05.2	23975
2000 SR ₂₄₄	2004 09 03.5	22 51.06 -21 01.7 18.5	-0.99 - 2.0	5.5/30.6	66157	1999 UT ₁₈	2004 09 03.8	22 51.98 -18 54.3 19.2	-0.80 - 3.4	3.6/31.1	66097

1996 VQ ₅	2004 09 03.8	22 51.98 +08 39.8 18.3	-0.86 - 4.2	6.5/08.8	66058	2003 BK ₆₆	2004 09 04.1	22 53.14 +08 34.7 20.2	-1.45 + 3.5	7.5/07.2	65438
2000 QH ₂₄₄	2004 09 03.8	22 51.99 -09 05.6 18.8	-0.85 - 6.3	0.7/03.2	66142	2000 SH ₃₂₁	2004 09 04.1	22 53.16 +03 33.9 19.0	-0.84 - 6.2	3.4/07.6	33884
2001 YJ ₁₀₂	2004 09 03.8	22 52.00 +02 40.3 19.2	-0.86 - 5.5	3.6/07.0	66257	2000 RC ₄₀	2004 09 04.1	22 53.17 +06 47.0 18.9	-0.89 - 3.4	5.3/08.5	66144
2001 YC ₈	2004 09 03.8	22 52.03 -17 12.7 20.8	-0.90 - 6.3	3.3/31.5	47074	2000 TB ₆	2004 09 04.1	22 53.21 +00 52.1 20.5	-0.79 - 7.2	2.5/06.9	37529
2003 EG ₂₀	2004 09 03.8	22 52.04 -06 12.5 19.9	-0.92 - 5.7	0.4/04.1	62443	2002 EZ ₁₅₂	2004 09 04.1	22 53.22 +07 45.8 18.8	-0.82 - 3.3	4.3/08.8	31479
2003 EN ₃₅	2004 09 03.8	22 52.05 -04 46.7 18.7	-1.00 - 4.5	1.0/04.6	66307	2003 GJ ₅₀	2004 09 04.1	22 53.22 -14 24.9 20.3	-0.88 - 5.0	2.6/01.8	47536
2001 AS ₇	2004 09 03.8	22 52.06 -20 25.9 20.2	-0.72 - 6.8	3.5/30.1	66181	2001 XU ₆₁	2004 09 04.1	22 53.26 -07 22.0 20.1	-0.91 - 6.7	0.1/04.1	48163
1998 YC ₂	2004 09 03.8	22 52.09 -22 29.7 18.4	-0.92 - 8.5	5.5/29.4	66079	2002 CD ₂₂₄	2004 09 04.1	22 53.29 -08 08.2 19.2	-0.79 - 6.3	0.3/03.8	66271
2003 FK ₁₁₉	2004 09 03.8	22 52.11 -10 11.6 20.5	-0.91 - 6.0	1.0/02.9	47494	2003 HJ ₄₆	2004 09 04.1	22 53.29 -10 38.2 20.7	-0.92 - 5.9	1.2/03.0	50764
2000 SS ₁₂₂	2004 09 03.8	22 52.13 -11 29.1 19.0	-0.82 - 5.9	1.7/02.4	66153	2001 UB ₁₇₉	2004 09 04.1	22 53.33 -08 03.5 19.3	-0.90 - 8.7	0.4/03.8	66235
2002 AN ₅₃	2004 09 03.8	22 52.14 -25 03.7 19.1	-0.79 -11.8	5.9/27.8	65279	2001 TR ₁₂₆	2004 09 04.1	22 53.36 -13 32.6 19.7	-1.04 - 3.9	2.6/02.3	66223
2003 EB ₂₅	2004 09 03.8	22 52.14 -15 28.5 19.4	-0.93 - 5.5	3.4/01.3	66306	2001 XS ₁₅₇	2004 09 04.1	22 53.42 +05 25.7 17.4	-0.84 - 5.7	5.7/08.4	66251
1999 UD ₂₅	2004 09 03.8	22 52.14 -25 40.6 18.1	-0.95 + 0.1	5.9/29.8	66098	2001 XU ₁₇₅	2004 09 04.1	22 53.42 -02 02.5 21.3	-0.88 - 7.2	1.7/05.9	48145
1999 RC ₂₀₀	2004 09 03.8	22 52.20 +12 44.5 18.7	-0.77 - 4.0	6.3/10.6	30313	2000 SV ₃₆₀	2004 09 04.2	22 53.43 -01 54.2 19.2	-0.85 - 5.9	1.9/05.9	66161
2002 CO ₇	2004 09 03.8	22 52.23 -04 12.7 20.7	-0.80 - 4.6	0.9/04.8	27824	2001 YJ ₉₀	2004 09 04.2	22 53.44 -29 28.1 17.4	-0.86 - 7.9	9.5/26.5	66257
2000 SH ₅₉	2004 09 03.8	22 52.32 +00 31.8 19.3	-0.75 - 8.4	3.2/06.7	66150	2000 SZ ₃₀₉	2004 09 04.2	22 53.45 +17 33.7 17.6	-1.12 + 2.0	9.2/10.4	66160
2002 CJ ₂₁₇	2004 09 03.9	22 52.31 -10 49.3 19.3	-0.84 - 1.8	1.2/02.9	66270	2000 SV ₄₉	2004 09 04.2	22 53.49 +11 55.6 19.8	-0.82 - 5.7	7.6/10.7	47944
2001 XX ₆₉	2004 09 03.9	22 52.31 -24 06.6 19.4	-0.98 - 5.7	6.9/29.3	23203	2000 WN ₉₅	2004 09 04.2	22 53.49 +10 58.2 20.6	-0.71 - 3.7	4.2/10.3	35536
2002 CR ₇₆	2004 09 03.9	22 52.33 -06 09.6 20.0	-0.84 - 3.9	0.3/04.2	27837	2000 QZ ₂₀₅	2004 09 04.2	22 53.50 -07 01.8 18.7	-0.90 - 5.0	0.0/04.2	66140
2002 DR ₈	2004 09 03.9	22 52.34 -21 19.5 18.5	-1.08 + 1.8	4.4/31.6	66272	2004 PE ₁₅	2004 09 04.2	22 53.52 -13 40.2 19.0	-1.01 - 2.4	2.8/02.4	65943
2000 BO ₁₇	2004 09 03.9	22 52.34 -16 01.4 19.4	-0.60 - 3.7	1.8/31.9	66107	2001 UN ₅₆	2004 09 04.2	22 53.53 -02 03.4 19.8	-0.95 - 7.6	2.1/06.0	66230
2001 VB ₄₆	2004 09 03.9	22 52.38 -27 26.3 18.6	-1.01 - 4.7	7.7/28.2	66238	2003 FY ₁₀₉	2004 09 04.2	22 53.53 +00 18.1 16.8	-0.74 - 6.9	3.5/06.8	66310
2002 CQ ₈₅	2004 09 03.9	22 52.39 -19 12.4 19.1	-0.73 - 6.7	3.7/30.7	66267	2001 VO ₁₂₀	2004 09 04.2	22 53.53 -18 17.7 19.0	-1.00 - 6.0	4.5/31.6	65160
2001 UJ ₂₀₁	2004 09 03.9	22 52.40 -10 45.7 20.2	-1.03 - 4.2	1.4/02.9	50571	2000 PY ₄	2004 09 04.2	22 53.59 -62 10.9 19.0	-1.94 + 4.1	16.9/17.0	30361
2000 XC ₃₅	2004 09 03.9	22 52.41 -22 36.2 18.9	-0.89 - 3.3	5.4/30.0	64894	2000 PZ ₂₆	2004 09 04.2	22 53.59 -01 29.5 18.0	-1.04 - 0.2	2.3/05.7	66132
2000 YT ₇₇	2004 09 03.9	22 52.42 +12 53.8 18.4	-0.81 - 3.9	7.3/10.5	66180	2002 CL ₆₁	2004 09 04.2	22 53.62 -25 00.6 18.8	-0.88 - 8.0	6.1/28.7	66267
2003 JA ₁₄	2004 09 03.9	22 52.44 -34 54.0 19.3	-0.80 - 4.7	8.2/24.9	50765	2001 WJ ₃₉	2004 09 04.2	22 53.63 -02 53.1 18.3	-0.87 - 7.7	1.8/05.7	66243
1992 EN ₂	2004 09 03.9	22 52.49 -08 29.7 20.9	-0.94 - 7.4	0.5/03.5	47684	2002 CS ₁₉₈	2004 09 04.2	22 53.65 -07 46.2 19.4	-0.88 - 3.1	0.3/04.1	29859
2002 AC ₇₂	2004 09 03.9	22 52.51 -10 00.6 17.0	-0.84 - 2.8	1.5/03.1	66261	2002 AW ₆₆	2004 09 04.2	22 53.68 -02 03.2 18.5	-0.82 - 5.5	1.9/06.0	66261
2003 DR ₂₀	2004 09 03.9	22 52.59 -07 29.0 19.1	-0.97 - 5.0	0.1/03.9	66305	2002 DX ₁	2004 09 04.2	22 53.69 -42 57.9 18.6	-1.10 - 2.2	13.3/21.5	66272
2000 SY ₆₇	2004 09 03.9	22 52.63 -13 05.5 18.2	-0.90 - 3.9	2.6/02.2	66150	2000 RN ₂₇	2004 09 04.2	22 53.69 +02 58.8 17.6	-1.03 + 0.4	4.3/06.8	66143
1998 FR ₂₄	2004 09 03.9	22 52.64 -03 53.1 19.9	-0.81 - 4.9	1.0/05.0	66066	2001 YA ₅₁	2004 09 04.2	22 53.74 -01 14.0 20.4	-0.89 - 4.6	2.0/06.1	27355
2003 FS ₆₅	2004 09 03.9	22 52.66 -01 22.1 19.5	-0.86 - 7.2	2.2/06.0	66309	2000 VZ ₇	2004 09 04.2	22 53.74 -21 13.5 18.8	-0.92 - 2.5	5.1/31.1	66167
1998 KH ₆	2004 09 03.9	22 52.67 +27 14.8 19.0	-0.99 - 9.6	14.4/18.5	66069	2001 CO ₄₈	2004 09 04.2	22 53.75 -21 09.2 19.5	-0.70 - 7.2	3.9/30.1	48010
2002 BU ₇	2004 09 03.9	22 52.71 +02 25.4 19.6	-0.88 - 2.4	2.8/06.8	30630	2001 YT ₁₁₇	2004 09 04.2	22 53.77 -16 14.1 20.4	-0.94 - 5.7	3.4/01.3	48182
1999 TH ₂₁₄	2004 09 03.9	22 52.72 -38 03.4 19.9	-1.70 + 2.9	13.9/27.6	66096	2000 JY ₆₀	2004 09 04.2	22 53.79 -02 42.7 18.3	-0.93 - 3.1	2.1/05.6	66125
2000 SK ₁₄₄	2004 09 03.9	22 52.72 -20 11.2 18.4	-1.08 + 1.1	5.4/31.8	64835	1993 RT ₅	2004 09 04.2	22 53.80 -17 17.3 17.6	-0.95 - 0.3	3.5/01.5	66051
2001 UB ₆₀	2004 09 04.0	22 52.67 -16 55.5 20.2	-1.03 - 4.3	3.7/01.1	48137	2002 DR ₉	2004 09 04.3	22 53.80 -33 42.6 20.3	-0.93 - 5.6	9.3/25.4	48214
2003 CH ₂	2004 09 04.0	22 52.77 -14 25.0 19.4	-0.96 - 6.9	2.7/01.7	48324	2002 BU ₂₁	2004 09 04.3	22 53.83 -44 45.1 19.7	-0.99 - 5.4	10.0/20.1	30633
1999 VA ₉₂	2004 09 04.0	22 52.85 -02 36.4 19.0	-0.74 - 5.3	1.3/05.6	66099	1999 TA ₁₄₄	2004 09 04.3	22 53.85 +00 02.6 18.6	-0.77 - 4.3	2.7/06.6	64679
1999 XO ₁₂₃	2004 09 04.0	22 52.90 +16 29.8 18.4	-0.80 - 2.3	7.6/11.6	66102	2002 JV ₁₁₈	2004 09 04.3	22 53.92 -22 46.6 19.6	-0.71 - 5.9	3.9/29.7	34005
2000 QX ₂₁	2004 09 04.0	22 52.93 -06 00.2 18.1	-1.03 - 1.5	0.5/04.4	66133	2000 SU ₂₄₅	2004 09 04.3	22 53.94 -10 49.0 18.6	-0.85 - 5.8	1.5/03.1	66157
2000 TP ₃₀	2004 09 04.0	22 52.95 -25 22.6 19.7	-0.96 - 2.3	6.4/29.6	66162	2002 BB ₃	2004 09 04.3	22 53.97 -13 07.4 19.5	-1.03 - 1.4	2.1/02.7	27429
2003 FJ ₁₁₈	2004 09 04.0	22 53.01 -12 31.4 20.8	-1.02 - 3.8	2.0/02.5	47493	2003 DP ₂₀	2004 09 04.3	22 53.98 -05 46.8 20.1	-1.02 - 5.0	0.5/04.7	50747
2002 CE ₁₆₅	2004 09 04.0	22 53.02 -18 02.9 18.8	-0.75 - 6.1	3.2/31.3	30673	2001 SD ₁₅₁	2004 09 04.3	22 53.99 -09 22.1 18.2	-1.10 - 3.2	1.0/03.7	66211
2002 DM ₈	2004 09 04.0	22 53.05 -28 38.9 20.3	-0.91 - 6.8	6.7/27.3	30698	2000 SN ₃₅₂	2004 09 04.3	22 54.01 -24 55.4 18.9	-0.69 -10.7	7.7/27.9	64859
2000 SS ₇₃	2004 09 04.0	22 53.06 -13 00.3 18.0	-0.83 - 6.3	2.2/02.1	66150	2000 SC ₂₃₅	2004 09 04.3	22 54.02 -04 23.3 19.4	-0.87 - 5.2	0.9/05.2	66157
2000 QY ₉₄	2004 09 04.0	22 53.07 -07 09.6 18.7	-0.88 - 5.3	0.0/04.1	66136	2003 FQ ₄	2004 09 04.3	22 54.04 -19 15.8 18.5	-0.71 -11.2	3.7/30.6	66308
1997 EG ₁₆	2004 09 04.1	22 53.00 -06 02.6 20.7	-0.76 - 5.1	0.3/04.5	27588	2001 UR ₁₀	2004 09 04.3	22 54.04 -00 16.4 19.3	-0.87 - 7.6	2.5/06.6	66228
2002 AF ₁₅₇	2004 09 04.1	22 53.07 -03 20.2 19.6	-0.87 - 5.6	1.4/05.3	30623	2000 OV ₇	2004 09 04.3	22 54.04 -04 41.6 17.7	-0.76 -12.6	11.3/26.0	64744
2000 VE ₄₇	2004 09 04.1	22 53.10 +19 32.6 18.8	-0.76 - 3.4	6.6/13.5	50503	2004 KY ₁₄	2004 09 04.3	22 54.07 +07 43.5 17.5	-0.56 -13.5	6.2/10.9	65840

2000 SQ ₂₆₈	2004 09 04.3	22 54.08	-08 27.2	18.6	-0.80	- 6.8	0.5/03.9	66158	2002 DF ₁₀	2004 09 04.5	22 54.79	-03 26.1	20.7	-0.80	- 5.6	1.2/05.7	48214
2000 QJ ₉₀	2004 09 04.3	22 54.09	-01 27.5	18.2	-0.79	- 7.9	2.4/06.3	66136	2000 VE ₄₀	2004 09 04.5	22 54.84	-05 28.8	19.6	-0.87	- 4.3	0.5/05.0	66168
1992 ES ₂	2004 09 04.3	22 54.12	-09 05.3	19.8	-1.01	- 3.7	0.8/03.8	57656	1137 T-3	2004 09 04.6	22 54.82	-06 08.6	19.4	-0.82	- 2.2	0.2/04.8	3848
2000 AP ₁₄₈	2004 09 04.3	22 54.14	+14 41.4	19.3	-0.69	- 4.4	5.3/12.0	66106	1998 HJ ₃₅	2004 09 04.6	22 54.83	-13 20.5	20.4	-0.82	- 5.6	1.9/02.5	27602
2000 FP ₁₅	2004 09 04.3	22 54.18	-11 04.8	18.5	-1.08	- 3.9	1.8/03.3	66115	2001 XK	2004 09 04.6	22 54.85	+14 18.4	18.9	-0.86	- 8.6	6.6/12.2	66245
1999 TW ₃₁₂	2004 09 04.4	22 54.10	+08 11.6	17.9	-1.02	+ 1.8	5.2/08.2	66097	2000 QV ₁₀₈	2004 09 04.6	22 54.89	-11 34.9	18.7	-0.78	-11.3	1.6/02.9	66137
2000 YV ₁₀₃	2004 09 04.4	22 54.10	-18 36.1	18.1	-0.76	- 8.7	3.7/31.1	66180	2000 QL ₈₀	2004 09 04.6	22 54.89	-05 01.0	18.5	-0.93	- 2.7	0.9/05.2	66135
2000 WT ₆	2004 09 04.4	22 54.13	+13 26.6	16.9	-0.95	+ 0.9	8.9/09.9	66169	2000 SH ₂₀₅	2004 09 04.6	22 54.90	-04 27.4	18.8	-0.78	- 6.7	1.0/05.5	64843
1999 TU ₂₄₅	2004 09 04.4	22 54.14	-24 48.8	18.5	-0.77	- 5.1	5.8/29.1	66096	2000 RS ₄₇	2004 09 04.6	22 54.91	+00 03.9	17.9	-1.02	+ 1.9	3.3/06.3	66144
1996 JD ₁₀	2004 09 04.4	22 54.15	-04 48.4	20.9	-0.90	- 8.3	0.8/05.2	50375	2000 WJ ₁₇₂	2004 09 04.6	22 54.91	-21 54.1	19.0	-0.77	-11.8	6.2/29.5	64890
2000 WH ₃₅	2004 09 04.4	22 54.16	+07 55.7	19.0	-0.76	- 6.1	5.1/09.6	66170	1999 VT ₁₅₉	2004 09 04.6	22 55.00	+07 43.0	19.2	-0.71	- 5.1	3.9/09.6	33840
1995 FB ₆	2004 09 04.4	22 54.17	-09 51.2	21.5	-0.92	- 5.2	1.0/03.5	47696	2001 XL ₂₁	2004 09 04.6	22 55.00	-09 17.5	17.4	-1.02	- 0.4	1.1/04.0	65187
1999 VH ₂₀₁	2004 09 04.4	22 54.17	-18 29.5	18.9	-0.97	+ 0.5	3.9/01.4	66101	2002 ER ₁₄₀	2004 09 04.6	22 55.01	-10 11.6	18.8	-0.79	- 4.2	1.1/03.6	66275
2001 XR ₁₅₈	2004 09 04.4	22 54.17	-12 29.0	19.0	-0.90	- 7.3	2.5/02.6	65221	1997 YJ ₁₂	2004 09 04.6	22 55.02	-06 05.5	19.9	-0.90	- 5.4	0.3/04.9	27593
2002 CO ₉₀	2004 09 04.4	22 54.18	-11 03.0	21.1	-0.72	- 5.3	1.1/03.1	48202	2002 EJ ₉₁	2004 09 04.6	22 55.03	-08 27.9	18.9	-0.75	- 7.2	0.5/04.1	66274
1994 EE ₆	2004 09 04.4	22 54.19	-11 46.3	18.5	-0.85	- 8.1	1.6/02.8	66052	2058 T-3	2004 09 04.6	22 55.03	-00 27.7	19.5	-0.72	- 4.2	1.7/06.8	30773
2000 WH ₁₇₁	2004 09 04.4	22 54.21	-04 22.1	18.8	-0.82	- 4.8	1.0/05.3	66174	2001 UH ₁₅₃	2004 09 04.6	22 55.05	+00 02.2	19.3	-0.92	- 6.6	2.6/06.9	30525
2003 EE ₁₁	2004 09 04.4	22 54.22	-04 15.8	19.2	-1.02	- 3.5	1.0/05.2	65456	2000 SY ₁₀₁	2004 09 04.6	22 55.07	-14 51.4	18.2	-1.03	- 0.7	2.8/02.6	66152
2001 YC ₉₇	2004 09 04.4	22 54.24	-18 00.2	18.3	-0.84	- 5.4	5.4/31.8	65258	2001 XW ₁₇₄	2004 09 04.6	22 55.08	-12 49.0	19.4	-0.85	- 5.6	1.9/02.7	50580
2004 PK ₉	2004 09 04.4	22 54.24	-07 37.3	17.8	-0.64	-13.5	0.3/04.2	65940	2003 FU ₁₁₂	2004 09 04.6	22 55.08	-13 24.6	19.4	-1.11	- 1.2	2.5/03.0	48358
2003 FQ ₁₁₄	2004 09 04.4	22 54.25	-20 40.8	20.6	-0.90	- 5.3	4.5/31.0	47488	2001 XN ₉₄	2004 09 04.6	22 55.09	-01 30.2	18.9	-0.94	- 4.7	1.8/06.3	30574
2001 VP ₁₀₁	2004 09 04.4	22 54.29	-10 49.6	18.2	-0.91	- 1.6	2.1/03.4	65153	2001 YS ₁₅₁	2004 09 04.6	22 55.12	-21 06.5	18.1	-1.02	- 1.9	6.7/31.5	66258
2001 UE ₄₂	2004 09 04.4	22 54.31	-16 26.5	19.3	-1.04	- 4.5	3.6/01.7	61156	2001 FH ₁₀₅	2004 09 04.6	22 55.13	-11 21.0	17.7	-1.05	+ 1.5	1.5/03.6	66184
2003 GM ₁	2004 09 04.4	22 54.36	-01 43.4	20.0	-0.86	- 8.0	1.9/06.3	50759	2002 CC ₁₈₆	2004 09 04.6	22 55.14	-07 44.9	20.7	-0.92	- 3.8	0.3/04.4	30677
1996 GD	2004 09 04.4	22 54.38	-16 30.8	20.9	-1.01	- 4.4	3.3/01.6	60478	2001 ST ₂₃₀	2004 09 04.6	22 55.15	-15 33.3	20.2	-1.06	- 4.0	3.4/02.2	48105
1999 TD ₁₈₃	2004 09 04.4	22 54.38	-23 13.3	18.5	-0.86	- 2.2	5.4/30.5	66095	2000 SR ₁₆₆	2004 09 04.6	22 55.15	-04 44.3	17.7	-1.04	+ 0.2	0.9/05.2	66154
1999 JN ₁₀₅	2004 09 04.4	22 54.40	-09 00.9	19.5	-0.90	- 4.5	0.7/03.8	66086	2003 BB ₃₇	2004 09 04.6	22 55.25	-05 25.7	20.9	-1.01	- 4.9	0.6/05.1	48319
2000 SM ₁₂₅	2004 09 04.4	22 54.41	-33 17.5	19.2	-0.98	- 1.8	10.3/26.8	64829	2003 FP ₇₉	2004 09 04.6	22 55.25	-17 31.0	18.5	-0.92	- 7.6	4.1/01.1	66309
2001 XJ ₂₀₉	2004 09 04.4	22 54.42	-01 09.3	18.2	-0.90	- 6.8	2.3/06.4	66253	1998 EL ₂₀	2004 09 04.7	22 55.19	-07 44.3	20.9	-0.91	- 2.6	0.2/04.5	47724
2003 EW ₅₇	2004 09 04.4	22 54.46	-17 56.3	19.4	-0.79	- 8.0	3.5/31.6	66307	2001 XL ₁₂₉	2004 09 04.7	22 55.20	+00 55.6	19.6	-0.80	- 5.5	4.0/07.3	65214
2003 BH ₂₈	2004 09 04.4	22 54.47	-06 37.8	17.4	-0.86	- 9.7	0.1/04.6	66303	3252 T-3	2004 09 04.7	22 55.22	-06 34.8	19.2	-0.99	- 6.2	0.1/04.8	26186
2000 HL ₄₆	2004 09 04.4	22 54.50	-04 08.7	19.4	-0.96	- 6.2	1.2/05.4	66122	2000 SQ ₃₁₂	2004 09 04.7	22 55.23	+16 18.3	19.3	-0.88	- 2.3	9.7/12.0	66160
2002 CK ₂₈₇	2004 09 04.4	22 54.50	-15 35.6	20.4	-0.79	- 4.9	2.6/01.7	50595	2000 QT ₉₂	2004 09 04.7	22 55.25	-01 10.4	17.8	-0.84	- 4.9	2.5/06.5	66136
2003 HY ₂₂	2004 09 04.5	22 54.45	-03 34.1	19.0	-0.89	- 5.0	1.3/05.6	66312	2002 CB ₉₅	2004 09 04.7	22 55.25	-09 48.4	19.5	-0.74	- 4.8	0.8/03.8	66268
2000 WX ₇₃	2004 09 04.5	22 54.52	-09 57.1	19.9	-0.87	- 3.6	1.1/03.6	66171	2001 XS ₁₃₅	2004 09 04.7	22 55.26	-30 09.1	18.9	-0.94	- 5.1	8.2/27.9	50579
2001 XE ₃₇	2004 09 04.5	22 54.52	-11 36.8	17.7	-1.04	0.0	2.3/03.3	65190	2002 AP ₄₇	2004 09 04.7	22 55.26	-16 31.9	20.0	-0.81	- 7.7	3.3/01.3	66260
2001 VP ₁₁₄	2004 09 04.5	22 54.53	-08 11.6	19.8	-0.93	- 5.1	0.4/04.1	30550	2002 CK ₂₈₃	2004 09 04.7	22 55.26	-07 00.6	19.8	-0.76	- 5.5	0.0/04.7	48212
1999 FD ₂₈	2004 09 04.5	22 54.55	-39 04.7	17.4	-1.72	+10.9	14.4/31.4	50406	1998 SZ ₁₃₈	2004 09 04.7	22 55.28	+05 07.2	16.5	-0.84	- 9.8	6.4/09.3	66075
2002 CW ₂₅₅	2004 09 04.5	22 54.58	-04 03.1	20.0	-0.79	-10.1	1.0/05.6	29905	2002 BB ₁	2004 09 04.7	22 55.34	-17 37.1	18.4	-0.81	-10.1	3.5/31.8	65297
2001 XA ₂₁₁	2004 09 04.5	22 54.59	-05 28.1	19.8	-0.89	- 7.2	0.6/05.0	48172	2001 BK ₂₁₄	2004 09 04.7	22 55.37	-02 58.3	19.1	-0.90	- 7.2	1.5/06.0	65232
2001 ST ₂₂₇	2004 09 04.5	22 54.61	-09 43.3	20.0	-1.01	- 5.2	1.3/03.7	46667	1998 FT ₃	2004 09 04.7	22 55.39	-08 49.7	19.8	-0.92	- 4.9	0.7/04.1	47725
2001 XH ₇₄	2004 09 04.5	22 54.62	-07 27.8	16.8	-0.62	-11.7	0.3/04.3	65198	2003 FP ₁₁₅	2004 09 04.7	22 55.40	-04 02.0	18.0	-1.00	- 2.6	1.2/05.5	65483
2004 NQ ₆	2004 09 04.5	22 54.63	-03 05.6	16.6	-1.13	+ 6.6	2.0/05.2	65888	2000 RV ₉₈	2004 09 04.7	22 55.43	+15 59.4	18.3	-0.72	- 6.2	10.4/13.2	66147
2001 WF ₂₆	2004 09 04.5	22 54.64	-22 19.0	20.3	-1.07	- 6.2	6.2/30.5	30554	2000 SC ₃₀₁	2004 09 04.7	22 55.44	-13 04.5	18.7	-0.98	- 1.4	2.4/03.1	66159
2002 GT ₅₅	2004 09 04.5	22 54.65	+01 04.9	19.9	-0.73	- 4.3	2.3/07.2	66276	2001 TV ₉₆	2004 09 04.7	22 55.44	-02 18.0	18.7	-0.98	- 5.8	1.8/06.0	66222
1997 XQ ₆	2004 09 04.5	22 54.70	+03 11.8	19.8	-0.88	- 6.3	3.8/07.9	66064	2001 TX ₁₆₄	2004 09 04.7	22 55.47	-18 13.7	18.0	-0.89	- 8.0	5.4/31.9	65078
2000 DL ₁	2004 09 04.5	22 54.73	-42 06.1	17.9	-1.98	+ 4.1	13.1/27.8	66109	2000 XT ₃₀	2004 09 04.7	22 55.48	+11 24.7	18.1	-0.86	- 2.1	6.2/10.4	66177
2002 JM ₂₃	2004 09 04.5	22 54.74	-20 17.1	20.3	-0.63	- 3.3	2.9/31.1	38335	2001 TD ₃₆	2004 09 04.7	22 55.48	-15 44.6	18.1	-1.10	+ 1.1	4.9/02.5	65053
2000 FJ ₄₆	2004 09 04.5	22 54.76	-13 01.3	18.8	-0.90	- 9.3	2.6/02.5	66116	1989 GW ₅	2004 09 04.7	22 55.52	-04 16.6	19.2	-0.97	- 5.7	1.0/06.0	66048
2001 UY ₈	2004 09 04.5	22 54.76	-18 41.4	20.3	-1.08	- 3.6	4.3/01.2	46779	2000 UT ₉₉	2004 09 04.7	22 55.60	-15 10.1	17.8	-0.90	- 2.8	3.1/02.3	66167
1999 XZ ₁₁₅	2004 09 04.5	22 54.77	+06 39.7	18.6	-0.80	- 2.5	4.6/08.7	66102	1995 SM ₅₂	2004 09 04.7	22 55.60	-03 04.4	20.2	-0.78	- 5.6	1.2/06.1	66055

2002 DE ₇	2004 09 04.7	22 55.60	-24 37.4	19.8	-0.97	- 3.3	5.1/30.3	30697	2004 PF ₈₀	2004 09 05.1	22 56.68	+02 17.0	18.7	-0.95	- 0.5	3.6/07.6	65973
2000 AP ₄₈	2004 09 04.8	22 55.54	+23 39.0	18.6	-1.36	+ 3.8	15.1/12.5	66105	1999 TJ ₈₄	2004 09 05.1	22 56.68	+18 14.3	19.5	-0.67	- 7.0	6.2/14.8	47804
2002 AM ₃₆	2004 09 04.8	22 55.55	-05 40.2	17.6	-0.78	-10.4	0.6/05.2	66260	2000 UQ ₂₂	2004 09 05.1	22 56.71	-20 09.3	18.0	-0.65	- 3.8	6.9/31.4	64868
2002 CD ₄₁	2004 09 04.8	22 55.55	+00 41.3	20.0	-0.91	- 7.8	2.7/07.3	27831	2000 PW ₂	2004 09 05.1	22 56.71	+01 34.7	18.2	-0.86	- 7.0	3.3/07.9	66132
2002 AB	2004 09 04.8	22 55.60	-51 42.5	21.4	-1.24	- 2.5	11.1/17.9	30602	2000 SJ ₂₇₀	2004 09 05.1	22 56.72	-09 55.1	19.5	-0.82	- 6.6	1.2/04.1	47964
2000 GA ₂₆	2004 09 04.8	22 55.67	+00 15.8	19.7	-0.88	-10.2	3.0/07.4	17254	1999 FN ₂₂	2004 09 05.1	22 56.72	-00 25.7	17.9	-1.02	- 3.1	2.5/06.9	66083
2000 WT ₈₅	2004 09 04.8	22 55.68	-08 26.6	19.7	-0.81	- 4.3	0.5/04.3	66172	2001 TB ₆₃	2004 09 05.1	22 56.74	-05 33.8	18.5	-0.92	- 8.1	0.5/05.5	23804
2001 XT ₁₃₄	2004 09 04.8	22 55.70	+05 40.5	22.2	-0.77	- 4.6	3.1/09.0	35131	2004 PF ₉₄	2004 09 05.1	22 56.75	-07 08.8	17.6	-0.79	- 6.0	0.2/05.0	65975
2000 SQ ₁₆₈	2004 09 04.8	22 55.75	+05 32.6	19.1	-0.96	- 3.5	5.4/08.4	66155	2000 QS ₁₇₀	2004 09 05.1	22 56.77	-01 44.3	18.2	-0.80	- 4.7	2.4/06.7	64779
2003 GA ₈	2004 09 04.8	22 55.80	-02 05.4	19.0	-0.75	- 8.4	1.8/06.6	65486	1999 TF ₁	2004 09 05.1	22 56.81	-02 37.2	18.5	-0.77	- 5.2	1.4/06.5	66092
2000 RR ₈₆	2004 09 04.8	22 55.80	-10 09.2	18.5	-0.95	- 2.1	1.0/03.9	66146	2000 WN ₁₃₈	2004 09 05.1	22 56.83	-03 18.2	18.8	-0.82	- 4.9	1.2/06.2	66173
2000 SN ₁₃₆	2004 09 04.8	22 55.83	+06 57.2	18.0	-0.90	- 0.3	6.5/08.7	64831	2000 KK ₆₃	2004 09 05.1	22 56.85	-12 38.8	17.9	-0.89	- 9.0	2.4/03.1	66127
2000 SU ₁₆₅	2004 09 04.8	22 55.83	+07 19.9	18.8	-0.85	- 4.8	5.1/09.4	66154	2002 AP ₂₀₂	2004 09 05.1	22 56.88	+13 35.3	17.5	-0.97	+ 0.2	8.5/11.1	66264
2001 UE ₁₆₁	2004 09 04.8	22 55.87	-20 04.8	19.8	-0.95	- 5.4	4.8/31.6	66234	2001 XX ₁₈₅	2004 09 05.1	22 56.88	-17 58.0	17.2	-0.79	- 7.2	5.3/01.2	65227
1984 EA	2004 09 04.8	22 55.93	-12 01.9	17.8	-1.21	0.0	1.8/03.6	66048	2002 EB ₅₂	2004 09 05.1	22 56.90	-09 37.8	19.2	-0.76	- 7.2	1.0/04.2	65333
2000 SW ₃₀₁	2004 09 04.8	22 55.94	-14 05.4	18.0	-0.99	- 0.9	3.0/02.9	66160	2001 UH ₃₅	2004 09 05.1	22 56.90	-04 31.4	18.6	-0.85	-10.4	0.8/06.0	66229
2001 WZ ₉₀	2004 09 04.8	22 55.95	-10 15.3	17.8	-0.94	- 0.5	1.9/04.0	65177	2003 GE ₃₄	2004 09 05.1	22 56.92	-31 33.3	18.9	-0.87	- 5.6	8.7/27.3	66311
2000 SV ₃₄₈	2004 09 04.8	22 55.96	-30 45.7	19.0	-1.00	- 2.4	8.3/28.4	47968	2004 NH ₄	2004 09 05.1	22 56.94	-19 53.8	17.2	-0.58	- 4.4	7.4/31.4	65884
2488 T-3	2004 09 04.8	22 55.96	+00 57.4	19.9	-0.82	- 4.8	2.7/07.4	66424	1998 FG ₄₉	2004 09 05.1	22 56.94	-13 43.1	18.0	-1.01	+ 0.3	2.7/03.4	66067
2001 TB ₂₈	2004 09 04.8	22 55.98	+00 14.5	19.5	-0.97	- 5.0	2.5/07.0	46707	2002 AE ₁₆₅	2004 09 05.1	22 56.95	-08 47.1	19.5	-0.82	- 7.3	0.7/04.5	29753
2003 BT ₄₉	2004 09 04.8	22 56.00	+14 14.6	20.1	-1.42	+ 2.4	9.7/09.5	43498	2001 UN ₁₆₁	2004 09 05.1	22 56.98	+02 13.4	17.0	-0.63	- 6.7	4.9/08.5	65123
1999 VW ₁₇₆	2004 09 04.9	22 55.91	-14 13.1	18.1	-0.95	+ 0.5	2.5/03.0	66100	1999 VV ₈₆	2004 09 05.1	22 56.98	-07 00.4	18.7	-0.73	- 9.8	0.1/05.1	64690
2000 SZ ₁₈₃	2004 09 04.9	22 55.93	-12 03.4	19.2	-1.11	+ 1.5	2.3/03.7	64840	1998 HE ₁₁₂	2004 09 05.1	22 56.99	-18 36.0	18.7	-0.82	- 7.9	3.5/31.9	66069
1999 TU ₃₀₈	2004 09 04.9	22 55.98	-07 01.2	18.9	-0.77	- 5.9	0.1/04.9	64685	2002 YA ₁₂	2004 09 05.1	22 57.00	-39 36.0	19.2	-1.10	- 6.0	10.4/24.2	65408
1999 JQ ₃₀	2004 09 04.9	22 56.02	-03 00.9	20.0	-0.89	- 4.6	1.2/06.1	47779	2002 AJ ₁₈₂	2004 09 05.1	22 57.04	-10 20.0	18.3	-1.01	- 2.4	1.7/04.2	65294
1999 TM ₁₆₂	2004 09 04.9	22 56.02	-01 56.2	18.8	-0.68	- 7.2	1.5/06.7	66094	2002 CL ₁₉₆	2004 09 05.1	22 57.05	-04 34.8	18.3	-0.98	- 0.7	0.8/05.8	65322
2002 EE ₉₀	2004 09 04.9	22 56.03	-09 37.6	20.0	-0.76	- 5.1	0.9/04.0	31980	2000 SB ₃₀₅	2004 09 05.1	22 57.05	+02 35.7	18.7	-0.86	- 3.8	3.2/08.1	66160
2003 HS ₃₈	2004 09 04.9	22 56.10	+14 06.8	20.2	-0.89	- 4.7	6.6/12.1	47562	2001 YM ₁₂₄	2004 09 05.2	22 56.99	+03 32.0	17.6	-0.98	- 2.2	4.8/08.1	65265
2001 XD ₉₀	2004 09 04.9	22 56.12	-12 59.3	20.1	-0.95	- 5.5	2.2/03.0	48165	1999 TT ₂₀₃	2004 09 05.2	22 57.04	-06 54.6	18.3	-0.84	- 2.8	0.1/05.2	66095
2004 PT ₄₀	2004 09 04.9	22 56.14	+02 27.6	19.2	-0.99	+ 1.0	4.0/07.2	65957	2003 FL ₅₀	2004 09 05.2	22 57.06	-04 29.8	20.9	-0.94	- 6.1	0.8/06.0	47423
2000 UP ₁₂	2004 09 04.9	22 56.15	-05 06.2	20.4	-0.84	- 5.3	0.6/05.5	47975	2000 AH ₅₁	2004 09 05.2	22 57.06	+27 53.0	18.8	-0.76	- 3.8	11.3/18.5	64702
2003 FL ₁₂	2004 09 04.9	22 56.17	-01 12.6	19.0	-0.88	- 4.7	2.0/06.7	50754	1997 WQ ₁₂	2004 09 05.2	22 57.06	+04 29.0	18.2	-0.83	- 6.5	5.0/09.0	66063
2000 SV ₃₃₀	2004 09 04.9	22 56.20	-13 11.6	18.7	-0.85	- 5.6	2.6/02.9	66161	1999 TO ₂₅₀	2004 09 05.2	22 57.07	-05 20.8	18.6	-0.85	- 1.8	0.4/05.6	66096
2003 EM ₂₉	2004 09 04.9	22 56.22	-11 56.6	20.5	-0.98	- 5.0	1.8/03.4	50750	2001 YJ ₄₄	2004 09 05.2	22 57.09	+00 08.2	20.9	-0.87	- 4.4	2.0/07.4	48176
2002 CZ ₁₉₂	2004 09 04.9	22 56.32	-12 04.4	18.5	-0.83	- 4.9	2.0/03.3	66270	2001 ST ₁₁₂	2004 09 05.2	22 57.12	+01 39.9	18.3	-0.90	- 7.5	3.2/08.0	66209
2001 TD ₆₉	2004 09 05.0	22 56.27	-08 34.0	19.1	-1.00	- 5.1	0.8/04.5	65062	2001 XH ₈₁	2004 09 05.2	22 57.12	+04 11.6	17.9	-0.85	- 7.2	4.8/09.0	66249
2002 AR ₁₀₀	2004 09 05.0	22 56.35	-07 03.5	18.3	-0.97	- 1.9	0.1/04.9	65285	2002 CV ₇₇	2004 09 05.2	22 57.13	-08 48.7	19.5	-0.85	- 3.7	0.7/04.6	66267
2000 SM ₁₇₄	2004 09 05.0	22 56.39	+11 15.3	19.3	-0.90	- 3.3	6.4/10.8	66155	2001 XY ₁₁₈	2004 09 05.2	22 57.14	-06 18.2	19.2	-0.91	- 2.7	0.1/05.4	66250
2002 JH ₁₂	2004 09 05.0	22 56.42	-00 51.3	20.0	-0.59	- 4.1	1.3/07.1	32015	2002 CY ₂₄₅	2004 09 05.2	22 57.15	+02 02.1	19.8	-0.82	- 6.3	2.8/08.2	30689
2000 LN ₈	2004 09 05.0	22 56.43	-19 45.6	18.8	-0.84	- 6.8	6.0/31.6	64738	2002 AV ₂₆	2004 09 05.2	22 57.15	-03 10.7	17.8	-0.92	- 5.5	1.4/06.0	66259
2001 UD ₁₄₉	2004 09 05.0	22 56.52	-02 47.2	20.5	-0.90	- 6.3	1.3/06.3	48143	2000 OC ₆₂	2004 09 05.2	22 57.22	-02 56.0	18.9	-0.95	- 4.8	1.6/06.0	66131
3324 T-3	2004 09 05.0	22 56.55	+01 43.7	19.0	-0.66	- 8.3	2.9/08.2	66425	2000 SN ₂₈₃	2004 09 05.2	22 57.25	+03 04.8	18.8	-0.93	- 2.8	3.0/08.2	30403
2001 WK ₄₉	2004 09 05.0	22 56.56	-24 10.1	19.4	-1.01	- 2.0	5.7/31.0	66244	2001 WG ₁₁	2004 09 05.2	22 57.27	-10 04.6	19.0	-0.94	- 7.5	1.4/04.2	66242
2001 WY ₃₄	2004 09 05.0	22 56.59	-09 03.0	20.6	-0.89	- 6.5	0.8/04.3	46939	2000 XT ₁₆	2004 09 05.2	22 57.27	+00 20.6	18.3	-0.82	- 2.7	2.1/07.4	66176
2000 SG ₂₇₃	2004 09 05.0	22 56.65	+12 41.8	18.9	-0.87	- 3.4	7.5/11.4	66158	2004 PW ₂₉	2004 09 05.2	22 57.32	-06 17.7	18.0	-1.00	- 0.8	0.2/05.4	65951
1999 TH ₁₀	2004 09 05.0	22 56.66	-02 01.1	18.7	-0.72	- 7.0	1.5/06.7	66092	2000 WB ₅₂	2004 09 05.2	22 57.35	+07 15.9	20.4	-0.81	- 5.1	5.0/09.9	9872
2000 QE ₁₅₅	2004 09 05.1	22 56.62	-00 10.1	19.0	-0.87	- 4.7	2.8/07.2	64777	2001 TC ₃₁	2004 09 05.2	22 57.39	-04 05.0	18.6	-1.01	- 3.4	1.0/06.0	66219
2000 SA ₂₄	2004 09 05.1	22 56.63	-40 15.2	18.0	-2.06	+20.8	17.6/06.7	66148	2003 GF ₄₀	2004 09 05.2	22 57.39	-17 01.5	20.7	-0.96	- 4.7	3.8/02.1	47531
1999 UZ ₄₅	2004 09 05.1	22 56.64	-00 02.8	19.6	-0.80	- 2.6	2.1/07.1	66098	2002 FW ₂₆	2004 09 05.3	22 57.36	-22 36.1	17.9	-0.79	- 4.9	5.2/30.9	66275
1999 XT ₁₀₀	2004 09 05.1	22 56.65	+32 38.4	17.5	-0.92	+ 1.7	13.6/17.5	66102	2000 WE ₃₅	2004 09 05.3	22 57.38	+05 26.5	19.2	-0.72	- 6.4	3.7/09.6	29542
2000 QB ₁₅₂	2004 09 05.1	22 56.66	-03 21.8	18.2	-0.88	- 4.1	1.4/06.2	66138	2000 SD ₂₆₆	2004 09 05.3	22 57.43	-27 58.2	19.4	-0.97	- 3.0	7.0/29.5	66158

1998 EA ₃	2004 09 05.3	22 57.52	-14 50.8	19.9	-0.91	- 5.0	2.6/02.7	27596	2002 AL ₅₂	2004 09 05.6	22 58.51	+03 50.8	19.4	-0.90	- 3.6	3.5/08.8	27381
2000 TV ₂₃	2004 09 05.3	22 57.55	+15 10.9	19.0	-0.92	- 1.2	9.5/12.2	47971	2000 RN ₁₀₁	2004 09 05.6	22 58.52	+15 05.6	18.7	-0.85	- 4.7	7.4/13.0	66147
2001 AE ₄₃	2004 09 05.3	22 57.55	+05 36.3	18.2	-0.82	- 1.5	3.5/09.0	66181	2001 XA ₉₃	2004 09 05.6	22 58.57	-13 44.0	20.3	-0.97	- 5.1	3.0/03.4	47004
2002 CN ₁₆	2004 09 05.3	22 57.55	-01 39.6	19.3	-0.92	- 3.2	1.7/06.8	30638	2004 PH ₁₅	2004 09 05.6	22 58.58	-18 41.2	18.9	-0.71	- 7.1	3.7/01.3	65943
1999 TQ ₂₀₆	2004 09 05.3	22 57.56	+01 02.0	18.7	-0.94	- 0.6	2.7/07.4	66095	2002 AY ₃₀	2004 09 05.6	22 58.58	+02 22.4	16.8	-0.85	+ 1.7	5.0/08.0	65274
2000 GK ₁₅₀	2004 09 05.3	22 57.59	-04 41.6	20.2	-0.98	- 6.7	0.9/06.0	47884	2003 HR	2004 09 05.6	22 58.58	-02 50.7	19.8	-0.90	- 5.6	1.3/06.8	66312
2003 AP ₈₀	2004 09 05.3	22 57.60	+13 46.0	18.9	-1.47	+ 3.5	10.1/09.7	65425	2001 YK ₉	2004 09 05.6	22 58.58	-13 59.2	19.6	-0.87	- 4.2	2.3/03.3	48175
2002 BP ₄	2004 09 05.3	22 57.60	-29 54.9	17.6	-1.22	+ 0.9	10.7/29.8	66264	2001 YR ₁₁₅	2004 09 05.6	22 58.69	-12 30.0	18.2	-0.98	- 4.5	2.3/03.8	65262
2001 XV ₁₅	2004 09 05.3	22 57.63	-18 41.2	19.3	-0.92	- 5.8	4.0/01.4	66245	2000 JH ₃₀	2004 09 05.6	22 58.72	-19 55.9	19.1	-1.06	- 1.9	6.0/02.0	66124
2000 QF ₂₁₄	2004 09 05.3	22 57.65	-09 40.0	18.2	-0.73	-13.1	1.2/04.2	64784	2111 T-2	2004 09 05.6	22 58.72	-01 44.8	18.3	-0.78	- 9.6	2.2/07.4	65984
2000 QK ₁₁₈	2004 09 05.3	22 57.65	+00 41.8	18.5	-1.09	+ 1.7	3.3/07.1	64770	2001 SF ₃₉	2004 09 05.6	22 58.76	-16 51.5	18.3	-1.01	- 1.4	5.5/02.9	64995
2002 CF ₁₄₇	2004 09 05.3	22 57.72	-15 19.7	17.6	-1.15	+ 3.4	3.0/03.5	66269	2001 XL ₄₆	2004 09 05.6	22 58.81	-19 18.0	19.7	-0.94	- 3.4	4.2/01.8	48162
2003 HX ₂₀	2004 09 05.3	22 57.74	-19 49.3	20.6	-0.80	- 4.3	3.8/01.1	47553	2000 QE ₁₁₈	2004 09 05.7	22 58.79	+02 48.4	18.7	-1.06	- 0.5	3.7/08.2	64770
2003 FS ₆₃	2004 09 05.3	22 57.76	-32 52.8	19.4	-0.98	- 3.4	9.1/27.9	50756	2003 EB ₄₇	2004 09 05.7	22 58.79	+07 29.6	19.9	-0.83	- 4.7	4.1/10.4	47374
2001 XU ₉₃	2004 09 05.4	22 57.72	-12 29.5	19.6	-0.95	- 4.8	2.1/03.6	48165	2001 TT ₁₆₉	2004 09 05.7	22 58.80	-44 10.5	18.5	-1.59	+ 8.7	17.6/30.1	65079
2001 VW ₇₈	2004 09 05.4	22 57.76	-18 41.5	17.2	-0.93	+ 1.1	6.7/02.3	66240	2000 JP ₄₅	2004 09 05.7	22 58.83	+03 25.6	17.9	-0.81	- 6.7	4.8/09.1	66125
2001 XN ₂₀₂	2004 09 05.4	22 57.79	-15 19.1	19.4	-0.92	- 7.1	3.1/02.5	66253	2001 XY ₂₂₂	2004 09 05.7	22 58.83	-27 40.5	20.7	-0.95	- 3.6	6.3/30.1	50581
2000 SF ₁₅₂	2004 09 05.4	22 57.85	-04 43.6	17.8	-0.77	- 6.4	0.8/06.0	64836	1999 TZ ₃₁₈	2004 09 05.7	22 58.88	-07 03.2	18.8	-0.75	- 4.9	0.2/05.5	66097
2003 HN ₅₅	2004 09 05.4	22 57.87	+01 10.3	18.2	-0.67	-13.6	2.8/08.6	65495	2001 XQ ₆₅	2004 09 05.7	22 58.89	-12 26.8	18.4	-0.91	- 6.7	2.5/03.8	66248
2002 AG ₉₄	2004 09 05.4	22 57.88	-10 23.9	20.4	-0.90	- 4.8	1.4/04.3	48189	2003 HS ₅₁	2004 09 05.7	22 58.94	-11 30.8	20.1	-0.88	- 7.9	1.8/04.0	47570
2003 EY ₂₄	2004 09 05.4	22 57.90	-13 33.7	18.8	-1.07	0.0	2.8/03.7	65460	2000 YV ₅₂	2004 09 05.7	22 58.94	-13 43.8	18.0	-0.77	- 5.7	2.8/03.3	66179
2004 PB ₆₇	2004 09 05.4	22 57.92	+04 57.4	18.2	-1.00	+ 0.3	4.9/08.5	65966	2000 QF ₃₁	2004 09 05.7	22 58.95	-14 01.5	18.6	-0.92	- 5.1	2.9/03.4	66134
1999 RL ₂₂₆	2004 09 05.4	22 57.93	-01 27.4	18.9	-0.81	- 3.5	1.7/07.1	66091	1981 EQ ₆	2004 09 05.7	22 58.99	-01 18.2	19.0	-0.97	- 1.7	1.8/07.2	64637
2001 XF ₇₅	2004 09 05.4	22 57.96	-07 45.9	19.0	-0.91	- 6.6	0.4/05.1	66248	2001 YZ ₁₀₆	2004 09 05.7	22 59.05	-08 05.5	19.6	-0.83	- 6.5	0.5/05.2	30599
1999 RZ ₇₇	2004 09 05.4	22 57.97	-13 25.1	18.4	-0.87	- 2.6	2.3/03.4	66089	1999 VB ₃	2004 09 05.7	22 59.06	-09 30.4	19.7	-0.74	- 4.9	0.9/04.8	47818
1999 TP ₁₈₆	2004 09 05.4	22 58.08	+09 19.8	19.2	-0.76	- 3.9	5.2/10.8	64681	2003 CY ₁₀	2004 09 05.7	22 59.06	-10 32.2	18.7	-1.09	- 2.1	1.6/04.7	66305
1999 CF ₃₄	2004 09 05.4	22 58.10	-05 00.4	18.5	-0.98	- 3.7	0.6/06.0	66081	2003 FJ ₆₀	2004 09 05.7	22 59.11	-13 17.4	19.2	-0.87	- 8.0	2.6/03.5	47432
2004 PB ₄₀	2004 09 05.4	22 58.17	+03 45.7	17.9	-1.20	+ 6.6	4.9/07.3	65956	2003 FS ₃₀	2004 09 05.7	22 59.12	-06 56.9	18.3	-0.70	- 8.9	7.2/26.0	66308
1999 XE ₁₈	2004 09 05.5	22 58.13	-17 13.5	17.7	-0.85	- 2.5	3.3/02.3	66101	2003 EC ₃₈	2004 09 05.7	22 59.12	+04 08.0	19.8	-0.94	- 5.6	3.9/09.2	47362
2001 YD ₈₃	2004 09 05.5	22 58.14	-08 26.6	18.9	-0.98	- 5.0	0.7/05.0	66256	2001 XW ₇₃	2004 09 05.7	22 59.16	-06 15.8	20.4	-0.91	- 6.5	8.8/17.0	48164
2002 CS ₂₃₅	2004 09 05.5	22 58.14	-11 10.8	20.1	-0.92	- 2.6	1.3/04.2	29882	1994 SY ₁₂	2004 09 05.7	22 59.22	-11 18.8	18.7	-1.00	- 5.1	2.0/04.3	25681
2001 SS ₂₅₅	2004 09 05.5	22 58.15	-24 46.4	19.1	-1.16	- 1.4	6.7/31.7	66215	2000 QM ₁₁₉	2004 09 05.8	22 59.14	+00 19.8	17.6	-0.97	- 0.9	2.9/07.7	66137
2004 PB ₆₁	2004 09 05.5	22 58.18	+03 10.9	19.4	-1.11	+ 3.1	4.3/07.7	65965	2002 EO	2004 09 05.8	22 59.16	-07 52.1	20.1	-0.84	- 1.3	0.4/05.4	30700
1993 RJ ₁	2004 09 05.5	22 58.19	-03 29.9	20.2	-0.92	- 7.1	1.2/06.5	66051	2001 VB ₃₃	2004 09 05.8	22 59.17	+00 49.1	19.5	-0.97	- 5.5	3.1/08.0	65138
2002 CL ₁₇₀	2004 09 05.5	22 58.25	-15 27.5	18.2	-0.98	- 3.6	3.6/02.9	66270	2003 EC ₂₂	2004 09 05.8	22 59.18	-11 41.5	19.5	-0.94	- 7.6	2.0/04.1	50750
2001 WW ₁₀₀	2004 09 05.5	22 58.26	-02 59.4	18.6	-0.93	- 5.9	1.5/06.7	66245	2000 XP ₃₆	2004 09 05.8	22 59.19	-04 53.5	19.7	-0.96	- 1.4	0.6/06.0	47997
1999 TV ₂₀₄	2004 09 05.5	22 58.26	-23 00.4	19.0	-0.94	+ 0.1	6.4/31.9	64682	2003 GD ₂₃	2004 09 05.8	22 59.20	-07 19.9	20.8	-0.98	- 4.5	0.3/05.6	47522
2000 SC ₇₂	2004 09 05.5	22 58.30	-13 36.5	18.9	-0.86	- 6.3	2.6/03.2	66150	1999 TD ₁₃₆	2004 09 05.8	22 59.22	-36 42.8	18.6	-1.22	+ 4.0	10.4/29.8	66094
2002 CZ ₈₃	2004 09 05.5	22 58.33	-10 51.2	19.2	-0.71	- 7.6	1.3/04.0	65312	1993 BO ₈	2004 09 05.8	22 59.23	-12 06.4	19.1	-0.80	- 6.3	2.0/03.9	66050
2004 PP ₁₅	2004 09 05.5	22 58.34	-08 23.3	17.6	-0.88	- 4.3	0.9/05.0	65944	2003 HK ₁₂	2004 09 05.8	22 59.26	+02 20.7	19.8	-0.68	- 8.8	2.6/09.2	48371
2002 ES ₅₆	2004 09 05.5	22 58.36	-02 53.3	19.5	-0.73	- 6.6	1.2/06.9	48219	2000 WC ₉₀	2004 09 05.8	22 59.26	-07 32.4	19.2	-0.81	- 4.4	0.3/05.5	66172
2000 WQ ₁₁₈	2004 09 05.5	22 58.37	-24 21.9	18.0	-0.85	- 3.6	5.7/30.7	66172	2002 AG ₆₃	2004 09 05.8	22 59.29	-03 11.4	18.5	-0.91	- 4.3	1.3/06.8	66261
2001 XN ₇₀	2004 09 05.5	22 58.38	-18 10.1	18.9	-0.93	- 6.2	4.6/01.8	66248	2001 ER ₂₄	2004 09 05.8	22 59.31	-07 08.5	19.3	-0.67	- 6.1	0.2/05.6	30453
1998 FQ ₃₄	2004 09 05.5	22 58.39	-07 25.2	19.1	-0.86	- 3.4	0.3/05.3	30263	2003 HC ₂₇	2004 09 05.8	22 59.34	-30 49.8	18.3	-0.88	- 2.0	8.9/28.9	66312
2001 YN ₁₀₆	2004 09 05.5	22 58.40	-17 50.5	20.1	-0.79	- 6.9	3.5/01.7	48181	2002 CO ₁₅₂	2004 09 05.8	22 59.35	+11 15.8	20.0	-0.73	- 3.2	4.4/11.8	30671
2004 PV ₁₅	2004 09 05.6	22 58.42	-13 20.6	17.7	-0.77	- 9.8	3.0/03.1	65944	2354 T-3	2004 09 05.8	22 59.43	-08 08.2	18.0	-0.81	- 2.3	0.7/05.4	66424
2001 XR ₅₄	2004 09 05.6	22 58.43	-04 51.0	19.7	-0.93	- 5.8	0.6/06.0	66247	2002 CJ ₁₃	2004 09 05.8	22 59.43	-29 24.2	19.7	-0.96	- 3.9	7.2/29.2	66265
2001 XD ₁₅₁	2004 09 05.6	22 58.44	-14 10.6	19.9	-0.94	- 6.5	2.7/03.1	30580	2000 SO ₁₄₁	2004 09 05.8	22 59.46	-04 57.2	17.7	-1.07	+ 1.8	0.7/06.2	66153
2000 SF ₇₇	2004 09 05.6	22 58.44	-03 41.4	19.1	-0.87	- 5.0	1.0/06.5	27705	2001 BS ₂₁	2004 09 05.8	22 59.46	+16 50.6	19.3	-0.84	- 2.8	7.6/13.4	9925
2001 UT ₁₅	2004 09 05.6	22 58.50	-14 55.9	20.1	-1.07	- 3.4	3.3/03.2	22935	2001 ST ₂₄₅	2004 09 05.8	22 59.49	-04 45.2	19.1	-0.90	- 8.0	0.8/06.4	46671
2002 CN ₂₁₅	2004 09 05.6	22 58.51	-05 32.7	19.1	-0.78	- 3.9	0.3/06.0	66270	1999 VC ₁₃₃	2004 09 05.8	22 59.52	+00 45.1	19.5	-0.71	- 7.1	2.2/08.4	66100

2000 SC ₄₁	2004 09 05.8	22 59.56	-14 04.0	18.8	-0.86	- 6.6	2.6/03.3	30388	2002 EY ₃₆	2004 09 06.2	23 00.61	-08 40.0	20.1	-0.72	- 7.9	0.7/05.4	48217
2002 AO ₁₁₈	2004 09 05.8	22 59.56	-09 06.2	19.6	-0.84	- 5.7	0.9/05.0	30617	1999 RB ₉	2004 09 06.2	23 00.65	-07 22.6	18.8	-0.85	- 2.7	0.4/05.9	66088
1999 CS ₄₉	2004 09 05.8	22 59.63	-16 50.6	15.1	-1.82	+17.7	5.8/05.5	66082	2000 QN ₆₉	2004 09 06.2	23 00.65	+02 58.7	19.9	-0.84	- 9.1	3.3/09.5	66135
1999 JV ₄	2004 09 05.9	22 59.51	+25 13.8	19.7	-0.94	- 6.3	10.3/17.3	50407	2000 VN ₂₅	2004 09 06.2	23 00.67	+04 58.4	19.7	-0.77	- 6.6	4.0/10.2	46513
4275 P-L	2004 09 05.9	22 59.52	+05 45.2	18.4	-0.62	-12.7	5.4/10.9	66422	2000 QX ₁₄₄	2004 09 06.2	23 00.72	-11 41.0	18.2	-0.85	- 5.5	2.3/04.5	66138
2002 CM ₁₄₀	2004 09 05.9	22 59.56	-12 39.7	18.6	-0.75	-16.1	2.1/03.4	65318	2003 EZ ₂₉	2004 09 06.2	23 00.78	-07 41.5	18.8	-0.98	- 4.8	0.6/05.8	65462
2000 RE ₉₄	2004 09 05.9	22 59.62	-02 28.7	18.8	-0.87	- 4.7	1.3/07.2	66146	2001 TG ₁₅₀	2004 09 06.2	23 00.78	-21 14.9	19.5	-1.03	- 4.7	6.8/01.5	65075
2000 GY ₁₁₆	2004 09 05.9	22 59.66	-01 32.0	20.2	-0.93	- 8.9	2.1/07.6	19625	2001 XX ₈₆	2004 09 06.2	23 00.89	+11 55.8	16.4	-0.94	- 0.6	9.0/11.0	65201
2000 WP ₁₅₃	2004 09 05.9	22 59.66	-14 09.1	18.8	-0.93	- 3.6	2.6/03.6	64888	2001 YH ₁₁₄	2004 09 06.2	23 00.90	-06 04.3	20.0	-0.92	- 7.3	0.1/06.3	48181
2002 ED ₁₁₅	2004 09 05.9	22 59.70	-11 20.7	20.5	-0.69	- 6.6	1.3/04.2	66274	2003 GM ₁₂	2004 09 06.2	23 00.91	-12 30.9	20.5	-0.96	- 2.6	2.2/04.5	50759
2001 VN ₇₄	2004 09 05.9	22 59.70	+04 24.5	19.8	-0.91	- 6.7	4.1/09.6	46899	2001 TB ₂₀₉	2004 09 06.2	23 00.92	-01 45.6	18.6	-0.93	- 6.1	2.3/07.7	65086
2000 TY ₅₃	2004 09 05.9	22 59.71	-18 49.9	17.7	-0.53	- 8.4	6.2/31.9	64864	2004 PO ₆₉	2004 09 06.2	23 00.95	-07 55.9	18.4	-0.86	+ 0.2	0.8/05.8	65968
2001 VB ₁₁₁	2004 09 05.9	22 59.73	-09 18.5	19.9	-0.99	- 4.8	1.1/05.1	30549	2000 SQ ₂₃₁	2004 09 06.2	23 01.01	-33 37.4	20.5	-1.26	+ 1.5	9.0/30.0	47961
2000 RX ₉₈	2004 09 05.9	22 59.73	+11 40.7	17.6	-1.07	+ 2.0	7.9/10.3	66147	2001 UM ₁₂₁	2004 09 06.2	23 01.01	+02 13.1	18.2	-0.89	- 8.2	3.4/09.2	66232
1999 RQ ₄₁	2004 09 05.9	22 59.75	-09 41.4	18.9	-0.80	- 4.2	1.2/04.9	66088	2000 SJ ₅₆	2004 09 06.3	23 00.95	-13 00.4	18.8	-1.09	+ 0.4	2.7/04.7	66150
2001 XF ₁₉₉	2004 09 05.9	22 59.76	-03 57.2	20.0	-0.81	- 6.0	0.8/06.8	27337	2000 SA ₁₄₆	2004 09 06.3	23 00.97	-06 30.2	18.2	-0.84	- 3.5	0.1/06.2	66154
2002 CO ₉₈	2004 09 05.9	22 59.77	-08 21.8	20.4	-0.81	- 3.8	0.6/05.4	48203	1999 AM ₅	2004 09 06.3	23 00.97	-11 58.7	17.5	-1.11	- 2.4	2.2/04.8	66080
2004 PJ ₁₅	2004 09 05.9	22 59.79	-14 45.3	18.7	-0.71	- 7.2	2.6/03.0	65943	2003 FA ₈₇	2004 09 06.3	23 00.98	+02 18.0	18.8	-0.87	- 5.5	3.2/09.1	66309
2002 AN ₅₁	2004 09 05.9	22 59.81	-02 35.0	19.7	-0.85	- 5.1	1.3/07.2	66260	1999 VA ₁₄	2004 09 06.3	23 01.09	-48 55.8	19.7	-1.95	+ 6.6	19.7/26.8	18217
2001 VQ ₄₆	2004 09 05.9	22 59.85	-11 28.8	18.2	-0.94	- 6.6	1.9/04.3	66238	2001 UZ ₁₀₅	2004 09 06.3	23 01.11	-05 02.1	19.4	-0.92	- 6.6	0.4/06.7	66232
2001 XU ₉	2004 09 05.9	22 59.88	-01 59.3	17.7	-0.97	- 3.5	1.9/07.3	66245	1995 TL ₇	2004 09 06.3	23 01.13	-23 22.5	19.4	-1.02	+ 0.5	7.8/01.4	64643
1999 TZ ₁₀₀	2004 09 05.9	22 59.92	-31 45.8	18.2	-0.85	- 2.3	6.7/28.5	66093	2001 CU ₁₄	2004 09 06.3	23 01.13	-12 23.7	19.4	-0.80	- 3.6	1.9/04.4	10760
2002 ED ₁	2004 09 05.9	22 59.94	-46 20.5	19.9	-1.16	- 1.1	11.4/22.4	66272	2002 CU ₁₀₂	2004 09 06.3	23 01.13	-08 53.5	20.7	-0.85	- 4.9	0.8/05.5	30659
2002 AY ₄₇	2004 09 05.9	22 59.95	+07 26.7	19.9	-1.02	- 2.4	5.6/09.9	30609	1999 TQ ₂₀₇	2004 09 06.3	23 01.13	+21 31.7	18.5	-0.78	- 3.0	7.5/16.0	66095
2002 CZ ₈₄	2004 09 06.0	22 59.92	-08 21.8	19.9	-0.86	- 5.2	0.7/05.4	48202	1999 TS ₂₁	2004 09 06.3	23 01.16	-36 50.3	19.5	-0.97	- 0.9	10.4/26.8	64673
2003 HY ₄₁	2004 09 06.0	22 59.93	-27 19.2	19.5	-1.00	- 2.4	6.9/30.7	66312	2000 QG ₂₃₂	2004 09 06.3	23 01.17	-14 24.7	18.6	-1.18	+ 4.1	3.8/04.7	7545
2003 FW ₆	2004 09 06.0	22 59.95	-35 47.7	18.9	-1.07	- 0.1	10.3/28.7	66308	2001 VW ₂₉	2004 09 06.3	23 01.20	-03 22.9	19.0	-0.96	- 5.7	1.2/07.3	65137
2001 XA ₁₉₈	2004 09 06.0	23 00.03	-22 29.8	20.3	-0.84	- 8.4	5.3/31.1	26087	1999 TU ₁₁₁	2004 09 06.3	23 01.23	+03 04.9	18.2	-0.70	- 7.6	3.0/09.8	66093
2001 TR ₁₉₁	2004 09 06.0	23 00.08	+04 19.4	20.2	-0.92	- 6.5	4.4/09.6	46766	2000 YX ₁₃₆	2004 09 06.3	23 01.25	+08 47.8	19.5	-0.67	- 6.1	3.8/11.8	31933
2002 CU ₁₄₁	2004 09 06.0	23 00.09	+00 05.6	18.7	-0.65	- 6.9	1.6/08.4	66269	2002 CR ₁₂₄	2004 09 06.3	23 01.27	-05 15.4	19.5	-0.78	- 7.3	0.3/06.7	29832
2001 AL ₄₃	2004 09 06.0	23 00.10	-16 55.8	19.8	-0.85	- 2.4	3.2/02.8	66181	2002 CY ₁₀₆	2004 09 06.3	23 01.31	-09 40.5	18.7	-0.69	- 7.8	1.1/05.2	65314
2002 CQ ₁₄₉	2004 09 06.0	23 00.14	-11 25.0	22.1	-0.80	- 5.7	1.5/04.4	30670	2000 SY ₁₁₃	2004 09 06.3	23 01.32	-25 28.2	18.8	-1.07	+ 1.7	8.5/01.5	66152
2002 CG ₂₀₉	2004 09 06.0	23 00.15	-10 24.3	19.4	-0.76	- 5.4	1.3/04.7	31457	1998 FC ₇₇	2004 09 06.3	23 01.33	-09 41.6	19.8	-0.81	- 6.1	1.0/05.2	47727
1999 RG ₂₅₃	2004 09 06.0	23 00.17	-14 51.1	19.7	-0.80	- 2.4	2.1/03.5	30316	2003 FX ₂₈	2004 09 06.3	23 01.34	-09 38.0	19.2	-0.75	- 9.5	1.1/05.2	66308
2001 YF ₁₁₇	2004 09 06.0	23 00.18	-09 32.3	18.3	-0.96	- 4.3	1.4/05.1	66258	2002 EN ₁₀₈	2004 09 06.4	23 01.37	-08 51.0	19.7	-0.73	- 5.0	0.8/05.6	66274
2003 DR ₁₇	2004 09 06.0	23 00.19	-10 14.7	18.2	-1.02	- 2.4	1.6/05.0	66305	2001 XG ₂₅	2004 09 06.4	23 01.37	-14 57.1	18.0	-0.97	- 5.6	3.6/03.6	66246
2002 CX ₈₃	2004 09 06.0	23 00.21	-09 06.0	19.6	-0.73	- 4.8	0.8/05.2	29803	2002 GO ₃₄	2004 09 06.4	23 01.39	-13 41.7	18.8	-0.70	- 6.6	2.2/03.8	66276
2002 ES ₅₂	2004 09 06.0	23 00.22	-07 59.2	20.1	-0.73	- 4.3	0.4/05.6	30710	2001 XX ₂₃₉	2004 09 06.4	23 01.40	-10 32.3	19.8	-0.96	- 5.3	1.6/05.1	27791
1995 MQ ₄	2004 09 06.1	23 00.22	+09 16.7	19.6	-0.85	- 4.4	5.3/11.2	47696	2001 XE ₂₅₈	2004 09 06.4	23 01.40	+04 21.2	20.0	-0.87	- 7.7	3.9/10.1	47071
2000 QX ₁₀₈	2004 09 06.1	23 00.23	-15 58.0	18.1	-0.88	- 3.9	4.3/03.1	64768	2000 QV ₁₀₀	2004 09 06.4	23 01.40	-13 23.0	18.0	-0.80	- 8.1	3.1/03.9	66136
2001 VS ₈₉	2004 09 06.1	23 00.26	+02 43.7	20.1	-0.95	- 3.1	4.6/08.8	23920	2003 CJ ₂	2004 09 06.4	23 01.45	-11 34.7	19.6	-1.04	- 3.8	2.0/04.9	66304
2000 SG ₃₁₅	2004 09 06.1	23 00.27	+07 45.9	17.9	-0.99	- 0.7	5.4/10.0	66160	4854 P-L	2004 09 06.4	23 01.48	-08 31.2	18.5	-0.81	- 7.3	0.9/05.7	66422
2002 EK ₈₂	2004 09 06.1	23 00.30	+02 09.3	19.1	-0.69	- 6.3	2.5/09.1	31980	1999 TQ ₅₉	2004 09 06.4	23 01.48	+00 41.2	19.9	-0.70	- 7.5	2.1/08.9	66092
2003 EO ₄₀	2004 09 06.1	23 00.38	-33 08.9	19.4	-0.81	- 6.3	7.7/27.4	50751	2000 YU ₇₃	2004 09 06.4	23 01.50	-20 37.3	18.9	-0.77	- 5.5	4.2/01.4	66180
2003 ES ₄₁	2004 09 06.1	23 00.43	-10 30.5	20.0	-0.91	- 4.4	1.5/04.9	66307	2002 CA ₁₁₄	2004 09 06.4	23 01.52	-15 40.6	19.2	-0.94	- 3.7	3.2/03.6	66268
2002 CR ₇₉	2004 09 06.1	23 00.45	-05 02.9	20.0	-0.84	- 4.4	0.4/06.6	48202	2002 CC ₁₁₁	2004 09 06.4	23 01.57	-11 23.6	19.6	-0.91	- 2.4	1.7/05.0	29823
2000 SO ₁₂₅	2004 09 06.1	23 00.47	-17 07.1	17.6	-0.64	- 5.2	5.7/02.2	64829	2001 XE ₂₃₉	2004 09 06.4	23 01.59	-09 45.3	18.5	-0.98	- 5.2	1.3/05.4	30589
2001 VG ₁₀	2004 09 06.1	23 00.50	-02 33.4	18.7	-0.91	- 7.6	1.5/07.4	66236	2003 GS ₄₇	2004 09 06.4	23 01.63	-35 11.7	19.7	-1.14	+ 2.6	9.9/30.3	65490
1999 TK ₂₂₈	2004 09 06.1	23 00.54	-37 51.8	18.1	-0.86	- 0.9	12.4/26.2	66096	1999 GG ₃₅	2004 09 06.4	23 01.64	-04 42.5	19.3	-0.92	- 5.0	0.5/06.9	47776
2001 XR ₁₁₂	2004 09 06.1	23 00.60	-16 29.0	19.2	-0.90	- 7.1	3.8/02.8	66250	2000 YO ₉₁	2004 09 06.4	23 01.64	-22 07.0	18.2	-0.77	- 5.3	4.8/31.9	29647
2003 HO ₄₇	2004 09 06.1	23 00.65	-09 20.9	20.5	-0.91	- 6.0	1.0/05.2	50764	2000 TA ₃₉	2004 09 06.4	23 01.66	-13 32.3	18.0	-0.74	-13.4	2.9/03.5	66162

2001 YW ₈₆	2004 09 06.5	23 01.68	-16 37.5	18.8	-0.95	- 6.4	3.9/03.1	66257	2000 JX ₇₆	2004 09 06.7	23 02.65	+00 53.0	19.3	-0.99	- 5.3	2.8/08.9	66126
1999 UK ₆	2004 09 06.5	23 01.72	-16 00.0	17.2	-0.79	- 3.2	3.1/03.4	66097	2000 AD ₄₉	2004 09 06.7	23 02.65	+41 55.5	18.6	-1.31	+ 4.8	23.4/25.3	64702
1999 UT ₂₀	2004 09 06.5	23 01.72	-10 05.4	20.2	-0.76	- 4.9	1.3/05.2	50432	2001 BG ₇₄	2004 09 06.7	23 02.68	-08 18.8	20.4	-0.74	- 4.5	0.6/06.0	33364
2002 EH ₆₁	2004 09 06.5	23 01.79	-03 48.8	19.9	-0.80	- 3.4	0.7/07.3	61222	2000 SQ ₇₃	2004 09 06.7	23 02.72	-13 07.2	19.4	-0.83	- 6.1	2.6/04.4	47947
2002 AK ₁₄₇	2004 09 06.5	23 01.81	-06 00.2	18.6	-0.78	- 7.3	0.1/06.6	25586	2002 GF ₃₁	2004 09 06.7	23 02.75	-07 06.7	20.1	-0.69	- 5.5	0.2/06.4	35575
2002 CM ₂₈₃	2004 09 06.5	23 01.87	-06 30.7	18.2	-0.74	- 5.1	0.1/06.4	65329	2000 SD ₆₅	2004 09 06.7	23 02.79	-04 27.0	19.5	-0.79	- 8.0	0.7/07.4	66150
2001 UY ₁₀₈	2004 09 06.5	23 01.88	+00 06.1	18.7	-0.88	- 7.5	2.9/08.7	66232	1993 FJ ₇	2004 09 06.8	23 02.74	-11 26.4	19.9	-0.97	- 6.6	2.0/05.1	66050
2001 TH ₆₅	2004 09 06.5	23 01.89	-18 54.7	17.7	-0.96	- 3.6	6.3/02.7	66221	2001 WB ₂₆	2004 09 06.8	23 02.75	-19 59.6	21.8	-0.97	- 4.3	4.5/02.5	46931
1999 XV ₅₇	2004 09 06.5	23 01.89	+01 42.1	18.5	-0.70	- 5.3	2.6/09.3	66102	2000 SP ₂₀₈	2004 09 06.8	23 02.84	-11 57.4	20.0	-0.98	- 2.6	2.6/05.1	6035
2001 UH ₁₁₃	2004 09 06.5	23 01.91	-04 56.3	20.1	-0.92	- 7.2	0.5/07.0	46821	2000 SA ₄₄	2004 09 06.8	23 02.90	-22 59.1	18.9	-1.20	+ 2.0	6.1/02.8	66149
2002 GX ₄₂	2004 09 06.5	23 01.95	-13 05.2	19.4	-0.85	- 2.4	2.1/04.5	31516	2002 CW ₁₇₈	2004 09 06.8	23 02.90	-07 09.1	18.0	-0.87	- 3.3	0.4/06.5	66270
1999 JQ ₉₈	2004 09 06.5	23 02.02	-05 26.4	18.7	-0.74	-10.7	0.3/06.9	66086	2001 DB ₁₀₈	2004 09 06.8	23 02.95	-19 17.1	19.5	-0.67	- 2.3	3.0/02.6	66184
2001 UW ₁₀₇	2004 09 06.5	23 02.02	-11 12.0	20.4	-0.97	- 5.9	1.9/05.0	50570	1998 FB ₁₂₀	2004 09 06.8	23 02.96	-15 32.7	19.2	-1.03	- 1.0	3.3/04.3	30266
2001 BC ₆₇	2004 09 06.5	23 02.05	+05 48.8	19.0	-0.74	- 4.1	3.4/10.5	12281	2000 WA ₇₄	2004 09 06.8	23 02.98	-01 09.1	18.5	-0.81	- 4.3	1.6/08.4	66171
2000 QY ₁₈₂	2004 09 06.5	23 02.05	+01 07.0	18.8	-0.70	- 6.4	3.5/09.2	64781	2002 GL ₅₉	2004 09 06.8	23 03.04	+02 09.7	20.3	-0.86	- 3.0	2.5/09.4	38335
2000 SX ₂₀	2004 09 06.5	23 02.06	-10 08.9	19.0	-1.03	- 0.4	1.6/05.6	66148	1999 TL ₁₃₆	2004 09 06.8	23 03.12	-00 45.5	19.3	-0.73	- 5.0	1.5/08.7	66094
2001 XR ₁₉₂	2004 09 06.5	23 02.06	-03 24.3	19.8	-0.97	- 5.4	1.2/07.4	26085	1999 VW ₂₁₀	2004 09 06.8	23 03.15	-03 00.7	18.5	-0.79	- 3.2	1.1/07.8	64694
2000 WV ₁₀₅	2004 09 06.5	23 02.07	-20 47.3	19.9	-0.88	- 4.6	4.7/01.8	66172	1998 EY	2004 09 06.8	23 03.15	-02 58.9	19.9	-0.85	- 6.9	1.1/07.9	28975
2000 TA ₃	2004 09 06.6	23 02.05	-04 31.0	18.9	-0.84	- 6.2	0.7/07.2	66162	2001 UZ ₁₉₄	2004 09 06.8	23 03.18	-14 32.6	20.7	-1.06	- 3.7	3.3/04.5	50571
2001 TQ ₄₄	2004 09 06.6	23 02.05	-07 23.2	18.4	-1.00	- 3.8	0.4/06.3	66219	2001 UG ₂₂₀	2004 09 06.9	23 03.11	-10 05.5	20.2	-1.01	- 4.2	1.6/05.7	46856
2001 YB ₃₁	2004 09 06.6	23 02.06	-19 22.1	19.9	-0.97	- 4.1	5.0/02.6	47081	1999 SK ₂₀	2004 09 06.9	23 03.14	-16 48.5	18.3	-0.67	- 9.5	3.9/02.7	64672
2001 BU ₅₃	2004 09 06.6	23 02.07	-20 50.2	18.3	-0.81	- 5.6	5.6/01.5	66182	2001 XR ₉₄	2004 09 06.9	23 03.14	-17 39.8	19.6	-0.97	- 4.4	4.2/03.3	66249
2000 XT ₇	2004 09 06.6	23 02.09	-22 56.7	17.9	-0.86	- 3.1	5.4/01.2	66176	1995 US ₁₃	2004 09 06.9	23 03.15	-23 17.5	19.8	-0.95	- 1.7	5.3/01.8	66055
2002 CW ₂₄₁	2004 09 06.6	23 02.10	-00 30.7	18.7	-0.75	- 7.5	1.8/08.6	66271	2000 KH ₂₆	2004 09 06.9	23 03.17	-14 01.7	18.0	-0.83	- 4.2	4.0/04.4	64735
2003 BX ₈₃	2004 09 06.6	23 02.14	-09 59.0	20.5	-0.95	- 6.4	1.4/05.4	57912	2001 BV ₇₈	2004 09 06.9	23 03.17	-23 58.3	19.4	-0.80	- 4.9	5.3/31.7	66182
2002 AM ₇₃	2004 09 06.6	23 02.16	-11 18.6	20.4	-0.88	- 5.1	1.7/05.0	30612	2000 QC ₈₂	2004 09 06.9	23 03.22	-04 11.0	18.7	-0.82	- 6.4	0.8/07.6	66135
2001 XS ₅₄	2004 09 06.6	23 02.20	-20 05.0	19.2	-1.01	- 6.6	5.8/02.0	65192	2000 XG ₄₈	2004 09 06.9	23 03.25	-19 39.1	18.8	-0.92	- 1.7	4.5/02.9	66178
2000 WF ₁₉₁	2004 09 06.6	23 02.20	-19 10.0	18.8	-0.80	- 7.2	4.3/02.0	66175	2001 XL ₁₄₀	2004 09 06.9	23 03.36	-05 45.4	18.5	-0.86	- 6.9	0.1/07.1	66251
2001 XN ₁₅₅	2004 09 06.6	23 02.23	-10 38.9	18.7	-0.92	- 6.9	1.7/05.2	23981	1999 CY ₁₀₈	2004 09 06.9	23 03.40	+04 12.2	18.9	-0.94	- 7.0	3.9/10.3	66082
2003 ES ₃₃	2004 09 06.6	23 02.24	-03 31.1	19.6	-0.90	- 8.1	1.0/07.5	47358	2000 QD ₁₃₈	2004 09 06.9	23 03.40	-11 00.6	18.1	-0.83	- 3.8	2.3/05.4	64775
2003 FL ₁₁₇	2004 09 06.6	23 02.26	-12 12.6	20.6	-0.94	- 6.3	2.1/04.7	50758	1999 RS ₁₇	2004 09 06.9	23 03.42	-03 50.8	18.3	-0.72	- 3.8	1.0/07.7	66088
2001 TE ₁₉₂	2004 09 06.6	23 02.29	-01 59.0	18.0	-1.01	- 1.7	2.1/07.8	65082	1999 VQ ₂₁₀	2004 09 06.9	23 03.42	+01 01.3	18.3	-0.76	- 3.2	2.8/09.2	64694
1999 TG ₁₃₆	2004 09 06.6	23 02.29	+00 06.8	18.5	-0.72	- 5.8	2.3/08.8	64678	2001 VZ ₃₈	2004 09 06.9	23 03.42	-18 57.4	19.8	-1.01	- 3.7	4.9/03.1	65140
1999 TT ₁₂₆	2004 09 06.6	23 02.30	-08 20.9	18.5	-0.83	- 2.6	0.8/06.0	66094	2000 SE ₆₆	2004 09 06.9	23 03.50	-08 19.4	18.4	-0.88	- 4.8	0.9/06.3	66150
2000 SV ₁₀₉	2004 09 06.6	23 02.31	-17 27.9	18.7	-0.99	- 1.4	3.8/03.5	66152	2001 XG ₇₀	2004 09 07.0	23 03.51	-12 32.3	20.1	-0.94	- 6.9	2.5/04.9	48164
2000 HB ₁₆	2004 09 06.6	23 02.33	-19 56.7	19.1	-1.04	- 2.1	6.4/02.8	66121	2000 RV	2004 09 07.0	23 03.51	-18 05.5	17.9	-1.06	+ 0.4	5.0/03.9	66142
2000 XQ ₁₄	2004 09 06.6	23 02.35	-21 06.6	20.1	-0.77	- 5.0	4.3/01.5	33328	2001 YJ ₁₃₁	2004 09 07.0	23 03.53	-09 41.4	18.5	-1.06	- 3.8	1.5/06.0	30602
2001 SH ₂₅₄	2004 09 06.6	23 02.36	-00 50.5	19.0	-0.92	- 8.0	1.9/08.5	66214	1999 SD ₂₄	2004 09 07.0	23 03.55	-03 46.3	18.6	-0.87	- 2.0	0.7/07.7	66092
2000 PK ₂₆	2004 09 06.6	23 02.36	+16 41.1	17.5	-0.77	- 6.9	9.4/15.6	66132	2003 EJ ₆₀	2004 09 07.0	23 03.55	-06 55.0	19.8	-0.78	- 9.6	0.3/06.7	66307
2002 CF ₁₀₈	2004 09 06.6	23 02.42	-05 43.9	18.7	-0.69	- 7.1	0.1/06.8	65315	2000 YR ₁₃₉	2004 09 07.0	23 03.59	+18 03.6	18.6	-0.75	- 3.4	6.3/15.3	66181
2000 YZ ₅₄	2004 09 06.6	23 02.43	+04 57.4	18.7	-0.90	- 1.7	4.9/09.8	64898	2001 XF ₁₈₃	2004 09 07.0	23 03.61	-05 09.3	18.3	-0.80	- 6.0	0.4/07.3	66252
2000 UG ₁₁₁	2004 09 06.6	23 02.44	-06 49.3	19.5	-0.81	- 6.3	0.2/06.5	66167	2001 XX ₂₃₅	2004 09 07.0	23 03.62	-08 43.2	20.3	-0.95	- 5.4	1.0/06.2	25494
2001 XQ ₆₆	2004 09 06.7	23 02.38	-00 34.8	19.3	-0.92	- 5.5	2.1/08.5	27786	2002 CY ₁₁₅	2004 09 07.0	23 03.63	-40 38.8	20.6	-0.83	- 4.0	7.9/24.9	30662
2000 HS ₆₈	2004 09 06.7	23 02.54	-01 52.7	19.1	-0.96	- 7.6	1.8/08.1	66122	2000 SP ₇₆	2004 09 07.0	23 03.64	-00 25.6	18.6	-0.68	-12.9	2.2/09.3	64822
2001 VE ₇₂	2004 09 06.7	23 02.55	-06 04.6	18.0	-0.99	- 4.1	0.0/06.8	65148	2003 HN ₁₀	2004 09 07.0	23 03.64	+11 04.4	18.6	-0.61	-13.0	5.8/14.4	47546
2000 HL ₁₀₉	2004 09 06.7	23 02.57	-12 12.8	19.2	-0.89	- 9.5	2.4/04.6	66121	2002 CL ₈₁	2004 09 07.0	23 03.67	-11 11.1	19.6	-0.80	- 4.7	1.7/05.4	66267
2004 NX ₂₄	2004 09 06.7	23 02.60	+06 35.5	17.5	-1.45	+ 7.3	6.1/08.7	65910	2000 XN ₃₂	2004 09 07.0	23 03.70	-22 45.5	18.8	-0.85	- 3.2	5.3/01.6	66177
2001 XQ ₁₃₁	2004 09 06.7	23 02.61	-19 05.9	19.6	-0.95	- 5.1	4.8/02.6	66251	2000 SL ₈₁	2004 09 07.0	23 03.76	-07 44.3	18.0	-0.81	- 7.1	0.7/06.5	64823
1999 VF ₃₁	2004 09 06.7	23 02.61	-21 30.9	19.0	-0.80	- 3.7	5.0/01.6	66099	2000 RE ₇₁	2004 09 07.0	23 03.76	-12 15.4	18.5	-0.86	- 5.0	2.2/05.1	66145
2001 TV ₁₂₂	2004 09 06.7	23 02.64	-01 42.7	17.7	-0.96	- 3.4	2.1/08.0	65073	2000 SO ₉₄	2004 09 07.0	23 03.85	+01 14.9	19.4	-0.87	- 4.2	2.2/09.3	66151
2003 EE ₄₉	2004 09 06.7	23 02.64	+00 36.2	19.8	-0.89	- 5.2	2.5/08.9	65466	2000 SY ₂₃₀	2004 09 07.0	23 03.86	-11 04.3	18.7	-0.89	- 3.3	2.1/05.6	64845

2002 AC ₂₀₁	2004 09 07.0	23 03.87	+01 07.7	20.0	-0.83	- 5.3	2.5/09.4	66264	2000 HF ₂₈	2004 09 07.3	23 04.82	-46 54.4	19.7	-1.45	+ 1.1	13.8/26.6	66121
2002 CJ ₅₂	2004 09 07.0	23 03.88	-09 18.3	20.0	-0.82	- 9.6	1.1/05.9	30646	2001 VC ₁₁₇	2004 09 07.3	23 04.83	-05 59.8	18.7	-0.97	- 5.0	0.0/07.3	65158
1999 CY ₂₈	2004 09 07.1	23 03.82	-07 14.0	20.1	-0.91	- 6.5	0.4/06.7	66081	2003 FS ₇₂	2004 09 07.3	23 04.85	-11 23.0	19.8	-0.92	- 9.4	2.1/05.5	50756
1999 VV ₁₇₇	2004 09 07.1	23 03.89	-15 42.0	18.5	-0.75	- 5.1	3.0/03.8	66100	2000 UJ ₆₈	2004 09 07.3	23 04.86	+18 57.0	18.6	-0.87	- 3.3	9.3/16.1	66166
2001 XJ ₂₂₄	2004 09 07.1	23 03.90	-18 13.9	19.4	-0.95	- 4.8	4.4/03.3	66254	2002 CW ₈₉	2004 09 07.3	23 04.87	+03 05.6	18.2	-1.08	+ 2.2	3.7/09.5	66267
2002 CF ₁₁₆	2004 09 07.1	23 03.93	-03 44.6	19.6	-0.86	- 4.4	0.8/07.8	66268	2001 UQ ₁₆₀	2004 09 07.3	23 04.89	-09 55.5	20.0	-0.96	- 5.4	1.6/06.1	46843
2000 SL ₃₆₅	2004 09 07.1	23 04.00	-08 12.2	19.0	-0.70	-10.7	0.9/06.3	64860	2002 ER ₁₅	2004 09 07.3	23 04.94	+02 56.6	19.2	-0.93	- 3.9	3.2/10.0	66273
1998 FF ₅₈	2004 09 07.1	23 04.09	-04 12.5	19.9	-0.88	- 5.7	0.6/07.7	66067	2003 EC ₁₅	2004 09 07.3	23 04.95	+00 05.6	19.6	-0.93	- 5.1	2.2/09.3	65458
2003 BV ₆₁	2004 09 07.1	23 04.09	-00 16.2	19.4	-1.00	- 4.6	2.2/08.9	65438	2000 SE ₃₁₇	2004 09 07.3	23 04.98	+16 29.5	18.4	-0.92	- 3.8	8.4/15.1	66160
2003 FZ ₉	2004 09 07.1	23 04.15	-09 10.1	20.4	-0.94	- 5.4	1.2/06.2	50754	2000 SG ₂₈₈	2004 09 07.4	23 04.90	+21 10.5	17.5	-0.86	- 1.1	11.5/16.3	64850
2000 OB ₃	2004 09 07.1	23 04.16	+14 33.5	18.5	-1.06	- 1.9	8.2/13.5	47903	2000 UY ₉₆	2004 09 07.4	23 04.91	+02 49.2	19.0	-0.82	- 4.5	2.9/10.2	66166
1999 VV ₉₆	2004 09 07.1	23 04.18	-07 07.1	19.6	-0.76	- 4.4	0.3/06.8	30334	2001 TF ₉	2004 09 07.4	23 04.95	+29 42.8	18.8	-0.98	- 4.2	11.1/20.1	66218
2002 CX ₉₈	2004 09 07.1	23 04.20	-09 19.6	18.8	-0.85	- 1.9	1.1/06.2	66268	2000 QT ₁₁₁	2004 09 07.4	23 05.03	-08 29.1	18.5	-0.90	- 4.6	0.9/06.6	66137
2000 WS ₃₀	2004 09 07.1	23 04.20	-33 28.8	18.5	-0.82	- 4.1	11.5/27.7	9870	2003 EF ₂₂	2004 09 07.4	23 05.03	-11 54.7	19.2	-1.02	- 3.6	2.3/05.7	66306
1999 VP ₁₃₆	2004 09 07.1	23 04.22	-33 36.5	18.6	-0.82	- 2.8	7.9/28.4	34810	2002 EA ₃₆	2004 09 07.4	23 05.07	-07 41.0	20.7	-0.70	- 7.5	0.5/06.8	33969
2001 VP ₅₁	2004 09 07.1	23 04.27	-11 49.2	18.2	-1.06	- 3.5	2.5/05.5	66239	1998 BZ ₁₈	2004 09 07.4	23 05.09	-02 34.6	18.9	-0.86	- 4.9	1.0/08.5	66065
2000 SG ₁₈₀	2004 09 07.2	23 04.18	-13 53.8	18.1	-1.10	+ 1.3	3.4/05.3	64840	1999 XS ₄	2004 09 07.4	23 05.14	-00 02.2	19.1	-0.71	- 5.5	1.8/09.5	66101
2000 YH ₁₄₀	2004 09 07.2	23 04.20	-03 06.7	18.9	-0.86	- 3.6	1.1/08.1	66181	2002 CN ₃₁₁	2004 09 07.4	23 05.15	-04 23.8	20.0	-0.85	- 6.9	0.6/07.9	48214
2001 US ₁₆₄	2004 09 07.2	23 04.26	-07 08.9	18.8	-0.90	- 8.1	0.4/06.8	66234	2002 CW ₉₂	2004 09 07.4	23 05.16	-12 16.3	19.9	-0.75	- 5.4	2.0/05.3	47176
2001 UV ₃₆	2004 09 07.2	23 04.27	-15 24.1	18.3	-0.93	- 7.6	3.7/04.0	66229	2003 GZ ₁₀	2004 09 07.4	23 05.17	-07 51.4	19.4	-1.05	- 4.0	0.8/06.9	50185
2000 OH ₇	2004 09 07.2	23 04.28	+08 32.2	19.3	-0.94	- 4.9	5.0/11.8	25799	1999 TD ₂₂₃	2004 09 07.4	23 05.19	+07 49.6	18.4	-0.75	- 5.3	4.5/12.2	66096
1999 VU ₄₆	2004 09 07.2	23 04.30	-52 23.3	19.1	-1.80	+ 3.4	21.3/22.0	50435	2001 XP ₂₃₈	2004 09 07.4	23 05.23	+06 41.0	17.8	-0.96	- 3.4	5.4/11.2	30589
2001 XN ₅₈	2004 09 07.2	23 04.30	-12 01.4	20.0	-0.94	- 6.8	2.4/05.2	48163	1999 VX ₁₇₄	2004 09 07.4	23 05.29	-23 31.3	21.1	-0.84	- 1.9	4.7/02.0	47825
2000 WV ₂₃	2004 09 07.2	23 04.31	-21 38.2	19.8	-0.85	- 6.5	5.0/01.7	66170	1999 TO ₁₉₆	2004 09 07.4	23 05.33	-19 39.7	20.0	-0.88	- 2.3	4.6/03.2	10913
2002 CW ₁₃₈	2004 09 07.2	23 04.31	+00 15.6	19.7	-0.81	- 5.1	1.9/09.3	66269	2001 TP ₅₂	2004 09 07.5	23 05.26	-07 54.5	18.7	-0.81	- 8.2	1.0/06.8	65058
2002 AB ₅₂	2004 09 07.2	23 04.35	-11 13.4	19.7	-0.83	- 6.8	1.8/05.5	48187	2002 AK ₂₃	2004 09 07.5	23 05.26	-12 05.4	19.2	-0.91	- 9.0	2.6/05.3	30606
1999 TJ ₆₀	2004 09 07.2	23 04.37	-04 51.7	19.0	-0.78	- 4.6	0.4/07.6	66092	2000 SP ₈	2004 09 07.5	23 05.26	-11 02.6	18.6	-0.95	- 3.2	2.0/06.0	66147
2001 XD ₁₉₁	2004 09 07.2	23 04.37	+00 14.6	18.9	-0.93	- 5.4	2.8/09.2	25486	2000 WJ ₉₅	2004 09 07.5	23 05.27	-23 25.0	18.5	-0.82	- 3.9	5.3/01.6	66172
1999 JO ₉₆	2004 09 07.2	23 04.37	+01 36.1	19.9	-0.80	- 8.4	2.5/09.9	66086	2002 CR ₇₂	2004 09 07.5	23 05.28	-08 06.1	20.2	-0.74	- 5.2	0.7/06.8	48201
2000 SP ₃₀₃	2004 09 07.2	23 04.39	+00 00.3	18.6	-1.00	- 1.2	2.4/08.8	64852	2001 WQ ₈₈	2004 09 07.5	23 05.30	-08 07.4	20.0	-0.98	- 4.4	0.9/06.8	46953
2001 XH ₁₉₄	2004 09 07.2	23 04.39	-02 37.8	18.9	-0.92	- 5.4	1.5/08.3	66252	2001 XS ₆₆	2004 09 07.5	23 05.31	-15 47.0	19.0	-0.90	- 6.8	3.5/04.2	26072
2000 WJ ₁₆₅	2004 09 07.2	23 04.39	-36 10.1	18.8	-0.90	- 4.4	11.2/26.6	64889	2000 QK ₇₈	2004 09 07.5	23 05.33	-01 55.5	18.1	-0.97	- 0.8	1.8/08.6	66135
2004 NS ₂₄	2004 09 07.2	23 04.47	+02 17.5	18.1	-1.02	+ 1.1	3.6/09.4	65909	1999 RE ₂₂₅	2004 09 07.5	23 05.34	+00 01.2	18.4	-0.82	- 3.6	2.1/09.3	66091
2003 FR ₃₀	2004 09 07.2	23 04.51	-23 20.4	19.6	-0.85	- 5.1	6.3/01.4	65473	1999 TR ₅₈	2004 09 07.5	23 05.40	-06 53.2	19.3	-0.71	- 5.6	0.4/07.2	66092
1999 VP ₁₇₉	2004 09 07.2	23 04.51	+04 47.6	18.8	-0.64	- 9.0	3.3/11.4	66100	1999 CN ₂₁	2004 09 07.5	23 05.40	-07 59.7	19.7	-0.97	- 5.2	0.8/06.9	47766
1999 RR ₆	2004 09 07.2	23 04.54	-07 27.5	19.4	-0.83	- 3.1	0.5/06.8	66088	1998 HZ ₆	2004 09 07.5	23 05.40	-44 22.8	20.7	-1.70	+ 2.3	16.7/27.6	47728
2001 AH ₃₈	2004 09 07.2	23 04.57	-28 03.3	19.1	-0.78	- 4.1	5.9/30.5	66181	2001 UE ₆₅	2004 09 07.5	23 05.42	+05 02.7	19.3	-0.96	- 6.2	4.2/11.0	66230
2001 WY ₇₇	2004 09 07.2	23 04.58	-08 23.9	20.6	-0.96	- 6.0	0.9/06.5	26062	2001 VD ₁₂₅	2004 09 07.5	23 05.44	-17 31.7	18.7	-1.04	- 3.0	5.5/04.0	66242
2001 XV ₂₉	2004 09 07.2	23 04.59	+09 45.6	18.4	-0.96	- 4.6	7.0/12.1	38330	2003 GV ₉	2004 09 07.5	23 05.44	+04 12.8	19.4	-0.75	- 8.5	3.2/11.2	50759
2002 EF ₃₂	2004 09 07.3	23 04.54	-06 51.7	19.8	-0.78	- 6.5	0.3/07.0	29976	1999 CE ₈₄	2004 09 07.5	23 05.46	-20 30.0	18.6	-1.02	- 4.8	5.7/02.9	66082
2001 SR ₆₃	2004 09 07.3	23 04.54	-12 16.8	19.4	-1.01	- 4.5	2.3/05.4	48090	2000 SY ₃₆₉	2004 09 07.5	23 05.49	-16 23.7	18.7	-0.73	- 8.6	4.6/03.6	66161
1999 VX ₁₄₆	2004 09 07.3	23 04.54	-06 36.4	19.6	-0.74	- 4.6	0.2/07.1	2686	1999 JR ₉₉	2004 09 07.5	23 05.54	-03 28.6	18.6	-0.76	-11.6	0.8/08.5	66086
1999 UM ₄₂	2004 09 07.3	23 04.55	-20 15.3	18.1	-1.03	+ 1.0	4.6/03.6	66098	2001 VB ₉₅	2004 09 07.5	23 05.54	-12 27.2	19.1	-0.83	- 9.5	2.3/05.2	46907
2000 JQ ₃₅	2004 09 07.3	23 04.58	-16 50.8	17.8	-0.92	- 1.3	5.6/04.2	22163	2001 XR ₅₈	2004 09 07.5	23 05.58	+05 27.2	17.7	-0.85	- 6.3	5.3/11.4	66247
3425 T-3	2004 09 07.3	23 04.58	+10 19.4	18.9	-0.60	-11.2	5.8/14.0	66425	2001 AT ₃	2004 09 07.5	23 05.59	-14 39.3	17.4	-0.76	- 9.0	3.4/04.3	66181
2000 UG ₃₉	2004 09 07.3	23 04.58	-14 50.6	18.8	-0.85	- 4.2	3.0/04.5	66164	2001 VN ₁₄	2004 09 07.5	23 05.63	+03 07.0	17.8	-1.00	- 3.8	3.7/10.2	66236
2000 SD ₃₄	2004 09 07.3	23 04.59	-17 17.9	18.6	-0.93	- 3.2	3.7/03.9	66149	2001 XX	2004 09 07.5	23 05.64	-03 59.8	19.8	-0.87	-14.0	0.6/08.3	26064
1999 CO ₃₃	2004 09 07.3	23 04.62	-08 41.5	20.3	-0.91	- 6.4	0.9/06.4	62238	2747 P-L	2004 09 07.5	23 05.67	-13 12.8	18.5	-0.95	- 4.3	2.5/05.3	66422
2002 CO ₈	2004 09 07.3	23 04.66	+00 07.1	19.5	-0.94	- 4.7	2.6/09.2	27824	2003 EC ₂₄	2004 09 07.5	23 05.68	-12 20.7	18.7	-0.92	- 5.5	2.6/05.5	66306
1999 TL ₄₁	2004 09 07.3	23 04.69	-06 35.1	20.6	-0.73	- 4.3	0.2/07.1	47801	2000 RE ₃₂	2004 09 07.5	23 05.68	-01 13.1	18.1	-1.10	+ 2.4	2.1/08.6	64794
2001 XT ₁₅	2004 09 07.3	23 04.79	-03 54.9	19.4	-0.94	- 6.5	0.7/08.0	65184	1998 HN ₉	2004 09 07.6	23 05.65	-13 10.6	19.8	-0.77	- 7.5	2.3/05.0	30268

2004 PL ₄₅	2004 09 07.6	23 05.69	-13 20.8	19.2	-0.75	- 6.4	2.7/05.0	65959	2000 QU ₁₀₄	2004 09 07.8	23 06.65	-37 30.1	19.3	-1.71	+ 6.9	12.6/01.3	47920
2001 VZ ₆₃	2004 09 07.6	23 05.69	-11 08.0	17.9	-0.94	- 3.0	2.7/06.0	65146	1997 LX ₁₀	2004 09 07.8	23 06.66	+07 20.9	17.9	-0.87	- 8.3	6.1/12.6	66061
2001 UC ₉₉	2004 09 07.6	23 05.71	-15 10.6	19.4	-0.96	- 5.5	3.4/04.6	46811	2001 BM ₁₅	2004 09 07.8	23 06.66	+12 59.1	17.9	-1.13	+ 4.5	7.0/11.9	66182
2003 FK ₈₅	2004 09 07.6	23 05.71	-02 13.8	19.7	-0.96	- 4.6	1.3/08.7	50757	2000 WD ₃₁	2004 09 07.8	23 06.67	-28 44.4	19.1	-0.86	- 5.6	8.3/30.4	66170
2001 XW ₆₃	2004 09 07.6	23 05.75	+09 15.1	18.4	-0.90	- 3.9	7.2/12.3	23958	2001 VO ₄₆	2004 09 07.8	23 06.73	-10 40.7	18.3	-0.98	- 5.4	1.9/06.3	30539
2002 AA ₁₄₉	2004 09 07.6	23 05.78	-08 51.8	20.5	-0.74	- 5.8	0.9/06.6	48192	2001 VO ₃₀	2004 09 07.8	23 06.74	-21 12.5	17.3	-0.98	- 3.3	6.8/03.2	66237
2002 AW ₅₁	2004 09 07.6	23 05.88	-07 39.4	21.2	-0.82	- 5.8	0.6/07.0	48187	2000 QZ ₁₆₃	2004 09 07.8	23 06.74	+09 52.7	19.0	-0.92	- 4.9	5.7/13.0	66139
2002 CV ₁₃₈	2004 09 07.6	23 05.90	-01 39.4	19.7	-0.91	- 6.4	1.5/09.0	65317	1997 WC ₁₀	2004 09 07.8	23 06.75	-04 45.8	19.6	-0.90	- 6.8	0.4/08.2	66063
1999 FH ₂₁	2004 09 07.6	23 05.92	-06 00.8	18.0	-1.11	- 2.1	0.1/07.6	64660	1999 TS ₃₀₀	2004 09 07.9	23 06.74	+07 28.8	19.2	-0.77	- 3.8	4.0/12.2	66097
1999 TS ₁₁₆	2004 09 07.6	23 05.93	-12 25.8	18.5	-0.85	- 2.5	2.3/05.7	66093	2003 FS ₃	2004 09 07.9	23 06.74	-09 22.9	19.2	-0.78	-10.8	1.3/06.5	66308
2000 QZ ₂₁₆	2004 09 07.6	23 05.94	-12 40.2	19.7	-0.97	- 4.5	2.5/05.5	30376	2000 RX ₃₃	2004 09 07.9	23 06.75	-13 05.4	17.5	-1.07	+ 0.3	2.9/06.1	66143
2000 LQ ₃₆	2004 09 07.6	23 05.96	-05 16.3	19.3	-0.94	- 7.2	0.2/07.8	64742	1999 TF ₆₅	2004 09 07.9	23 06.76	-05 38.9	18.9	-0.79	- 4.5	0.0/07.9	66093
2000 QU ₁₂₀	2004 09 07.6	23 05.97	+04 58.3	18.1	-0.86	- 1.7	5.1/10.8	66137	1999 CJ ₇₉	2004 09 07.9	23 06.76	-03 47.7	19.5	-0.90	- 6.4	0.7/08.5	66082
1998 HE ₁₄	2004 09 07.6	23 05.98	-02 33.6	20.3	-0.75	- 7.6	1.0/08.8	47729	2003 FE ₆₇	2004 09 07.9	23 06.77	-21 04.8	20.5	-1.00	- 1.6	5.4/03.6	48351
2002 AD ₁₀₂	2004 09 07.6	23 06.00	-32 34.9	19.4	-0.84	- 7.4	9.8/28.2	66261	2003 AF ₈₂	2004 09 07.9	23 06.78	-00 24.6	18.8	-1.54	+ 4.9	2.6/08.8	65425
2002 AM ₉₉	2004 09 07.7	23 05.98	-22 47.1	19.5	-0.81	- 6.7	5.8/01.7	66261	1998 HQ ₁₀	2004 09 07.9	23 06.83	-18 57.0	20.2	-0.94	- 3.1	4.2/03.9	28990
2000 GH ₁₆₈	2004 09 07.7	23 05.98	-11 49.0	18.4	-0.93	- 6.7	2.7/05.7	66120	2000 YV ₇₁	2004 09 07.9	23 06.83	-08 00.7	18.4	-0.76	- 5.4	0.7/07.2	66179
2000 YZ ₁₁₈	2004 09 07.7	23 06.03	-16 59.2	19.8	-0.73	- 6.0	3.1/03.8	33347	1999 VC ₅₇	2004 09 07.9	23 06.85	+08 57.1	19.2	-0.69	- 6.4	4.5/13.2	47820
2001 XC ₄	2004 09 07.7	23 06.04	-19 19.9	17.8	-1.49	+ 3.0	5.7/04.8	66245	2001 UE ₄₅	2004 09 07.9	23 06.87	-05 45.1	18.5	-0.98	- 7.3	0.0/07.9	30511
1999 VQ ₆₄	2004 09 07.7	23 06.06	+05 26.5	18.5	-0.70	- 5.9	3.5/11.7	29169	2001 AN ₂₆	2004 09 07.9	23 06.93	-21 28.6	18.1	-0.90	- 3.1	6.4/02.8	64901
2001 VS ₅₉	2004 09 07.7	23 06.08	-00 12.1	18.6	-1.01	- 4.0	2.2/09.4	66239	2002 AJ ₁	2004 09 07.9	23 06.96	-17 14.2	18.6	-0.86	-10.0	4.5/03.7	66258
1997 GF ₁₃	2004 09 07.7	23 06.08	-06 14.9	20.4	-0.75	- 4.7	0.1/07.6	66060	2001 XB ₁₅₈	2004 09 07.9	23 06.96	+07 46.2	18.0	-0.88	- 5.6	5.4/12.4	66251
2000 KY ₅₈	2004 09 07.7	23 06.14	-04 09.3	18.9	-0.92	- 9.1	0.6/08.3	66127	2000 WM ₉₉	2004 09 07.9	23 06.98	-09 43.7	19.5	-0.79	- 4.6	1.2/06.6	66172
2000 UH ₅₅	2004 09 07.7	23 06.14	+08 29.2	18.7	-0.76	- 8.4	5.4/12.9	9851	1999 TG ₁₄₈	2004 09 07.9	23 06.99	-07 11.6	18.5	-0.77	- 4.4	0.5/07.5	66094
2003 FX ₁₂₁	2004 09 07.7	23 06.15	-12 50.6	20.2	-0.95	- 3.3	2.3/05.6	47497	2000 WV ₉₆	2004 09 07.9	23 06.99	+06 17.7	18.8	-0.83	- 4.7	4.1/11.8	66172
1999 CB ₇₉	2004 09 07.7	23 06.16	-01 39.6	18.7	-1.02	- 3.4	1.6/08.9	66082	2000 UP ₆₈	2004 09 07.9	23 07.01	-08 09.0	18.2	-0.87	- 4.2	1.0/07.2	66166
2000 QW ₁₅₀	2004 09 07.7	23 06.17	+12 50.5	17.9	-0.65	-10.5	7.8/15.4	46441	1999 JH ₅₅	2004 09 07.9	23 07.02	+12 04.6	18.0	-0.73	- 9.2	6.8/15.0	66085
2002 AY ₉₈	2004 09 07.7	23 06.18	-07 28.9	19.6	-0.91	- 4.6	0.6/07.2	35569	2003 HL	2004 09 07.9	23 07.03	-45 28.7	22.0	-1.04	- 5.3	9.4/24.1	50761
2000 SR ₁₄₃	2004 09 07.7	23 06.20	+17 30.9	18.9	-0.75	- 5.8	10.0/16.7	64835	2001 UJ ₅	2004 09 07.9	23 07.03	-50 47.0	20.7	-1.30	+ 0.1	11.9/23.7	46778
1995 SN	2004 09 07.7	23 06.20	-13 37.8	19.1	-0.92	- 2.3	2.9/05.5	66054	2002 EY ₂₈	2004 09 07.9	23 07.03	-07 13.2	20.2	-0.74	- 3.4	0.4/07.5	29967
2003 FT ₅₈	2004 09 07.7	23 06.22	-14 40.0	19.5	-0.96	- 4.7	3.2/05.0	66309	2002 AO ₄₀	2004 09 07.9	23 07.07	+10 15.0	20.1	-0.89	- 3.1	4.8/12.9	27802
2001 WW ₇	2004 09 07.7	23 06.24	-11 16.1	19.3	-0.93	- 7.8	2.2/05.9	30552	2000 QJ ₁₄₃	2004 09 07.9	23 07.07	-14 30.2	17.9	-1.16	+ 2.3	4.0/05.9	27004
2002 CD ₁₄₃	2004 09 07.7	23 06.24	-00 23.4	17.8	-0.89	- 5.3	2.4/09.5	30669	2001 WL ₉₀	2004 09 07.9	23 07.08	-13 18.5	18.7	-1.02	- 3.4	2.9/05.8	66244
1998 DO ₂₈	2004 09 07.7	23 06.25	-08 45.9	19.6	-0.78	- 7.0	1.0/06.7	66066	2004 PE ₁₆	2004 09 07.9	23 07.12	-14 50.4	18.7	-0.91	- 6.5	3.9/05.0	65944
2002 CX ₂₀₆	2004 09 07.7	23 06.26	-14 17.9	19.4	-0.75	- 6.9	2.6/04.8	30681	2001 WL ₁	2004 09 08.0	23 07.09	-03 37.2	18.8	-0.92	- 5.1	0.7/08.6	66242
2001 SC ₇₅	2004 09 07.7	23 06.27	-00 14.2	18.4	-1.02	- 4.5	2.4/09.4	66208	1999 XC ₁₂₀	2004 09 08.0	23 07.10	-01 26.7	19.2	-0.77	- 3.7	1.4/09.4	64698
2001 WL ₂₈	2004 09 07.7	23 06.30	-14 20.6	19.2	-0.96	- 6.6	3.7/04.9	30555	2001 VN ₂₁	2004 09 08.0	23 07.11	-02 17.1	18.6	-0.91	- 5.7	1.6/09.1	65134
2000 XO ₂₃	2004 09 07.7	23 06.31	-15 10.4	20.0	-0.96	- 2.2	3.3/05.0	33329	2000 RC ₇₉	2004 09 08.0	23 07.18	+32 54.4	18.0	-0.34	-24.0	14.8/30.5	64800
2001 UV ₁₀₃	2004 09 07.7	23 06.35	-01 51.3	20.2	-0.86	- 9.7	1.8/09.2	46813	2002 CS ₁₆₃	2004 09 08.0	23 07.18	-10 54.1	20.1	-0.85	- 4.2	1.6/06.4	29850
2000 PB ₁₅	2004 09 07.7	23 06.40	-12 05.4	18.4	-0.84	- 6.2	2.8/05.7	64753	2000 WB ₁₁₅	2004 09 08.0	23 07.18	+05 31.9	19.3	-0.85	- 3.2	4.0/11.5	66172
2001 XZ ₁₈₀	2004 09 07.7	23 06.43	-06 59.6	19.2	-0.94	- 7.1	0.5/07.4	66252	2000 SN ₁₁₈	2004 09 08.0	23 07.21	-04 07.4	18.3	-0.79	- 8.0	0.6/08.6	66152
2000 XL ₂₀	2004 09 07.8	23 06.38	-19 04.6	18.1	-0.89	- 2.0	4.2/03.8	66176	1999 TF ₁₈₄	2004 09 08.0	23 07.26	+14 08.2	18.6	-0.83	- 2.3	6.0/14.5	66095
2000 YE ₄₇	2004 09 07.8	23 06.42	-08 39.2	19.7	-0.71	- 5.2	0.8/06.8	66179	2002 AA ₁₄₇	2004 09 08.0	23 07.26	-11 10.9	21.0	-0.84	- 6.4	1.8/06.2	48192
2001 XZ ₁₈₄	2004 09 07.8	23 06.44	-08 50.1	19.0	-0.95	- 6.4	1.3/06.8	65227	2000 QU ₁₃₃	2004 09 08.0	23 07.29	-12 43.4	18.0	-0.81	- 8.6	3.0/05.5	66137
1998 OX	2004 09 07.8	23 06.48	+08 39.0	18.9	-0.78	- 3.2	4.6/12.5	66069	2001 UN ₄	2004 09 08.0	23 07.31	-16 40.7	18.8	-1.00	- 4.1	4.3/04.7	50567
2001 VK ₁₁₀	2004 09 07.8	23 06.48	-03 33.7	21.2	-0.93	- 5.0	0.7/08.5	26051	1999 JH ₉₅	2004 09 08.0	23 07.32	-30 27.1	19.0	-0.95	- 3.7	8.6/30.9	66086
2000 UP ₇₃	2004 09 07.8	23 06.53	-09 10.1	17.9	-0.86	- 4.0	1.3/06.8	66166	2001 XA ₂₀₁	2004 09 08.0	23 07.33	-00 26.3	19.9	-0.86	- 8.5	2.3/09.9	23277
2000 YW ₄	2004 09 07.8	23 06.54	+06 11.2	19.7	-0.78	- 3.9	3.6/11.8	27759	2000 QF ₁₈₅	2004 09 08.0	23 07.37	-12 50.9	18.1	-0.89	- 5.3	2.9/05.7	66140
1997 QO ₂	2004 09 07.8	23 06.60	-23 57.9	17.5	-0.61	-22.8	7.7/30.1	64647	2002 CQ ₁₆₇	2004 09 08.0	23 07.38	-12 02.0	18.9	-0.93	- 5.3	2.4/06.0	65320
2001 XU ₇₂	2004 09 07.8	23 06.62	-03 11.1	17.7	-0.80	-10.1	1.2/08.8	66248	2003 FS ₆₈	2004 09 08.0	23 07.39	-07 20.1	20.1	-0.88	- 7.4	0.6/07.5	47439
2000 RP ₂₃	2004 09 07.8	23 06.63	+05 11.2	18.1	-0.76	-10.4	3.8/11.9	66143	2003 HO ₄₃	2004 09 08.0	23 07.39	-03 09.5	20.6	-0.88	- 7.0	0.8/08.9	50763

2001 XQ ₂₄₀	2004 09 08.0	23 07.42	-01 04.4	19.0	-0.94	- 4.6	1.6/09.5	30590	1997 RV ₃	2004 09 08.2	23 08.20	-03 52.0	18.7	-0.91	- 6.8	0.7/08.8	66061
2000 QJ ₁₂₅	2004 09 08.0	23 07.43	+05 41.0	18.9	-0.82	- 5.8	4.8/11.9	66137	2000 LR	2004 09 08.2	23 08.21	-15 52.5	19.5	-1.03	- 3.9	4.2/05.3	47899
2001 XQ ₁₈₂	2004 09 08.0	23 07.45	+07 57.3	18.5	-0.84	- 4.6	4.7/12.6	66252	2000 CB ₅₄	2004 09 08.3	23 08.16	+03 13.9	18.9	-0.60	- 3.1	1.9/11.3	66108
1997 TO ₉	2004 09 08.0	23 07.48	+02 03.0	20.6	-0.88	- 7.2	2.7/10.7	46333	1999 XU ₁₃₇	2004 09 08.3	23 08.18	+15 53.0	19.3	-0.71	- 4.5	6.1/16.1	66103
2000 SG ₂₈₆	2004 09 08.0	23 07.49	-00 44.5	18.1	-0.82	- 5.5	2.0/09.7	66159	1999 SS ₁₅	2004 09 08.3	23 08.20	+07 40.5	18.5	-0.73	- 5.7	4.4/12.9	66091
2001 XU ₁₄₄	2004 09 08.0	23 07.49	-18 38.6	17.2	-0.77	- 7.0	6.4/03.4	65216	2002 EO ₆₀	2004 09 08.3	23 08.21	-01 36.0	19.9	-0.80	- 5.1	1.3/09.6	66273
2000 SM ₃₁₉	2004 09 08.1	23 07.42	+15 25.7	18.3	-0.88	- 3.2	7.2/14.8	66160	2001 VP ₅₀	2004 09 08.3	23 08.21	+01 14.6	19.7	-1.07	- 3.6	2.8/10.2	66239
2000 SU ₃₃₆	2004 09 08.1	23 07.42	-19 50.1	18.3	-0.98	- 0.8	5.5/04.1	66161	2000 SK ₃₀₇	2004 09 08.3	23 08.22	-07 08.2	18.7	-0.98	- 1.7	0.5/07.9	66160
2002 CF ₁₇₅	2004 09 08.1	23 07.45	-00 49.0	20.0	-0.85	- 3.7	1.5/09.6	48208	1999 CW ₁₃₆	2004 09 08.3	23 08.23	-00 35.2	18.5	-0.96	- 4.5	2.1/09.8	66082
2001 YD ₁₅₇	2004 09 08.1	23 07.51	+18 20.5	18.4	-1.07	+ 1.2	8.4/14.6	35141	2001 YP ₇₈	2004 09 08.3	23 08.23	+00 13.8	20.6	-0.89	- 4.2	1.8/10.1	66256
2002 CS ₉₆	2004 09 08.1	23 07.53	-06 20.1	18.5	-0.85	- 2.2	0.2/07.9	66268	2000 YZ ₅₁	2004 09 08.3	23 08.26	-09 16.2	18.6	-0.70	- 4.4	1.0/07.1	66179
2002 AW ₄₉	2004 09 08.1	23 07.57	+00 16.0	20.5	-0.97	- 4.5	2.2/09.9	66260	2000 TV ₄₈	2004 09 08.3	23 08.31	-16 28.8	18.9	-0.93	- 4.6	4.0/04.8	35535
2000 QT ₃₇	2004 09 08.1	23 07.58	-03 37.5	18.2	-0.78	- 6.9	0.9/08.8	66134	2000 SX ₃₅₈	2004 09 08.3	23 08.40	-26 19.9	18.9	-0.87	- 6.0	6.8/32.0	66161
1998 HB ₇₃	2004 09 08.1	23 07.61	-07 52.1	18.3	-0.86	- 3.7	0.7/07.4	66068	2000 JN ₄₅	2004 09 08.3	23 08.40	-10 56.7	19.9	-1.03	- 5.2	2.1/06.7	50475
2001 XJ ₁₂₂	2004 09 08.1	23 07.62	-06 45.5	21.0	-0.90	- 6.0	0.4/07.8	48167	2000 SA ₅₀	2004 09 08.3	23 08.49	+00 34.9	18.9	-0.89	- 4.7	2.1/10.3	66149
2002 CL ₁₃₈	2004 09 08.1	23 07.65	-17 01.3	18.9	-0.77	-13.0	3.8/03.6	65317	2002 DR ₃	2004 09 08.3	23 08.51	-10 20.9	18.9	-0.68	- 8.1	1.5/06.6	66272
2000 QP ₉₇	2004 09 08.1	23 07.66	-08 41.6	17.6	-0.65	-11.3	1.4/06.9	64767	2003 DQ ₆	2004 09 08.3	23 08.52	-16 42.7	18.0	-0.67	-33.8	5.0/03.0	66305
2000 CS ₈₉	2004 09 08.1	23 07.66	-13 42.0	18.2	-1.00	- 6.8	3.4/05.6	66109	2000 QM ₁₇₀	2004 09 08.3	23 08.55	-01 43.9	18.5	-0.71	- 7.2	1.8/09.7	64779
1998 HL ₈₉	2004 09 08.1	23 07.67	+08 09.3	19.3	-0.75	- 7.7	4.2/13.2	31815	2001 YM ₁₀₃	2004 09 08.3	23 08.58	-28 04.0	19.3	-0.87	- 6.1	7.1/31.3	66257
2002 GN ₁₄₄	2004 09 08.1	23 07.69	-23 22.0	21.0	-0.73	- 4.5	4.1/02.0	31598	2001 VN ₂₉	2004 09 08.3	23 08.60	-20 18.8	19.4	-1.03	- 5.6	5.8/03.6	30535
2001 UL ₁₅₄	2004 09 08.1	23 07.69	-18 09.7	19.0	-1.01	- 4.3	5.0/04.3	66234	2003 FA ₄	2004 09 08.4	23 08.52	-27 18.3	21.1	-0.93	- 1.4	6.4/02.0	48341
2001 UM ₁₀₃	2004 09 08.1	23 07.71	-16 38.9	20.2	-1.04	- 4.7	4.5/04.8	46812	2000 UX ₁₀₅	2004 09 08.4	23 08.59	+03 15.2	19.0	-0.72	-10.7	3.1/11.8	66167
2002 CA ₂₂	2004 09 08.1	23 07.72	-12 55.7	20.3	-0.78	- 8.3	2.2/05.5	30639	2000 SE ₁₄₀	2004 09 08.4	23 08.61	-15 45.5	18.6	-0.98	- 1.3	3.1/05.6	43389
2001 VB ₅₄	2004 09 08.1	23 07.72	+01 24.7	19.1	-0.98	- 5.0	3.0/10.3	66239	2002 CV ₄₉	2004 09 08.4	23 08.61	+03 26.9	20.6	-0.80	- 2.4	2.3/11.2	30645
2004 PQ ₆₅	2004 09 08.1	23 07.72	-01 42.6	18.3	-0.80	- 8.5	1.7/09.5	65965	2002 BX ₂₀	2004 09 08.4	23 08.62	-41 07.1	18.7	-1.15	- 0.1	11.6/27.8	47163
2001 YB ₉₁	2004 09 08.1	23 07.73	-05 09.6	18.5	-0.93	- 4.8	0.2/08.3	66257	2004 NF ₇	2004 09 08.4	23 08.63	+00 36.9	18.3	-0.77	- 9.8	2.7/10.7	65889
2002 AR ₁	2004 09 08.1	23 07.74	-08 37.5	18.1	-0.90	- 6.7	1.2/07.2	66258	2001 YP ₄₄	2004 09 08.4	23 08.65	-17 32.3	20.1	-1.00	- 5.0	5.0/04.6	47083
2001 TU ₁₂	2004 09 08.1	23 07.75	-09 35.9	18.7	-0.93	- 5.9	1.4/06.9	66218	2001 XT ₂₁₆	2004 09 08.4	23 08.68	-08 31.6	18.3	-0.90	- 5.3	1.4/07.5	65233
1993 FW ₇	2004 09 08.1	23 07.76	-10 32.3	20.0	-0.97	- 6.7	1.9/06.6	50368	2001 SW ₂₇₇	2004 09 08.4	23 08.69	+08 32.2	18.5	-0.95	- 5.9	5.0/13.0	66215
2002 BH ₂₆	2004 09 08.1	23 07.77	-52 44.9	19.3	-1.47	+ 1.5	15.0/22.0	30634	2003 DL ₆	2004 09 08.4	23 08.71	-05 29.7	19.6	-0.91	- 6.7	0.0/08.4	48327
2003 EC ₁	2004 09 08.1	23 07.78	-06 20.1	17.0	-1.66	+ 9.1	0.4/08.1	65455	2000 SE ₂₇₃	2004 09 08.4	23 08.71	-14 00.5	18.5	-0.89	- 3.0	2.6/05.9	30403
2000 TC ₁₁	2004 09 08.1	23 07.86	-11 58.9	19.4	-0.91	- 2.9	2.6/06.3	62310	1994 CL ₁₅	2004 09 08.4	23 08.73	-09 53.3	18.8	-0.88	- 5.4	1.5/07.0	66052
2001 XP ₁₉₈	2004 09 08.2	23 07.78	-13 58.8	19.4	-0.87	- 8.0	3.3/05.3	65230	1999 BW ₁₁	2004 09 08.4	23 08.79	-02 41.0	20.8	-0.95	- 4.4	1.0/09.3	46351
2004 PN ₃₉	2004 09 08.2	23 07.79	-04 37.6	18.4	-0.75	- 6.3	0.4/08.5	65956	2002 CD ₁₁	2004 09 08.4	23 08.83	-09 18.3	18.9	-0.74	- 4.8	1.1/07.2	66265
2003 HW ₃₅	2004 09 08.2	23 07.81	+01 09.0	19.4	-0.74	- 9.2	2.2/10.7	65494	2000 TZ ₂₉	2004 09 08.4	23 08.84	+28 56.8	18.3	-0.87	- 4.2	11.2/21.7	66162
1999 TA ₃₁₁	2004 09 08.2	23 07.82	-06 20.9	18.4	-0.70	- 6.9	0.2/07.9	66097	2000 RW ₄	2004 09 08.4	23 08.88	-23 16.7	18.0	-1.22	+ 2.5	6.6/04.5	66142
2003 EZ ₂₀	2004 09 08.2	23 07.84	-03 59.2	18.4	-0.89	- 6.4	0.7/08.7	66306	2002 CK ₁₉₈	2004 09 08.4	23 08.89	-02 59.8	18.8	-0.88	- 2.7	0.9/09.2	27545
2000 QN ₁₄₇	2004 09 08.2	23 07.93	-16 28.2	17.7	-0.70	-14.6	4.3/03.7	64776	2000 QJ ₁₉₅	2004 09 08.4	23 08.91	-15 08.8	18.2	-0.92	- 6.6	3.5/05.2	66140
2001 YV ₇₃	2004 09 08.2	23 07.98	+08 59.3	20.2	-0.87	- 3.3	4.5/12.9	50583	2001 XG ₄₁	2004 09 08.4	23 08.92	-29 09.2	19.3	-0.97	- 2.4	7.3/01.1	66246
2002 CE ₂₅₉	2004 09 08.2	23 08.00	-15 52.9	19.1	-0.94	- 5.2	3.5/04.9	33965	1998 CH ₂	2004 09 08.5	23 08.89	-06 02.1	18.9	-0.94	- 3.5	0.2/08.3	66065
2000 SA ₈₀	2004 09 08.2	23 08.02	-05 39.4	19.1	-0.82	- 6.5	0.0/08.2	47947	1999 TY ₇₉	2004 09 08.5	23 08.89	-00 46.8	18.9	-0.70	- 7.5	1.5/10.2	66093
2000 VT	2004 09 08.2	23 08.03	-11 10.6	20.6	-0.82	- 4.7	1.8/06.4	27740	2001 TH ₁₈₃	2004 09 08.5	23 08.89	-09 01.5	18.2	-1.06	- 1.2	1.8/07.6	66225
2002 AQ ₃₇	2004 09 08.2	23 08.06	-07 48.2	20.9	-0.83	- 6.3	0.7/07.5	50585	2001 BR ₂₂	2004 09 08.5	23 08.90	+05 05.8	18.9	-0.82	- 2.8	3.5/11.8	66182
2002 AE ₇₆	2004 09 08.2	23 08.07	-15 47.3	18.7	-0.84	- 5.4	3.5/04.9	66261	2003 EV ₅₈	2004 09 08.5	23 08.93	-14 37.0	20.4	-0.97	- 5.5	3.3/05.7	48340
2002 BO ₂₁	2004 09 08.2	23 08.08	-52 19.7	19.0	-1.19	- 2.3	13.9/22.0	66265	1999 XP ₁₀₇	2004 09 08.5	23 08.94	+00 20.2	19.0	-0.72	- 4.7	1.7/10.5	66102
1999 NY ₅	2004 09 08.2	23 08.08	-07 42.9	18.4	-0.66	-12.2	0.8/07.4	64662	2002 ET ₃₀	2004 09 08.5	23 08.94	-06 58.4	20.3	-0.73	- 4.4	0.4/08.0	48217
2002 CV ₁₄₀	2004 09 08.2	23 08.08	-24 12.2	18.8	-0.76	- 8.8	6.7/01.1	66269	2000 VB ₁₇	2004 09 08.5	23 08.95	-14 50.4	19.2	-0.82	- 5.9	3.3/05.3	66168
2003 GV ₇	2004 09 08.2	23 08.12	-14 05.5	19.5	-0.86	- 5.8	3.2/05.5	62444	2001 VK ₁₀₂	2004 09 08.5	23 09.01	-10 36.8	19.2	-0.98	- 4.4	1.9/07.0	66241
2003 HQ ₃₁	2004 09 08.2	23 08.13	+03 50.9	19.7	-0.84	- 6.6	3.3/11.5	50763	2002 ES ₂₂	2004 09 08.5	23 09.03	-16 22.1	19.5	-0.74	- 8.6	3.5/04.5	66273
2003 DS ₂	2004 09 08.2	23 08.19	-04 04.4	20.3	-1.03	- 3.7	0.6/08.7	48327	1999 JE ₁₀₄	2004 09 08.5	23 09.06	-28 20.2	18.6	-0.82	- 7.9	8.5/30.8	66086
2002 AW ₄₇	2004 09 08.2	23 08.20	-03 17.1	19.1	-0.94	- 5.4	1.0/09.0	65278	2001 YQ ₁₂₀	2004 09 08.5	23 09.06	-12 54.7	17.9	-0.92	- 6.0	3.2/06.1	66258

1993 TX ₁₄	2004 09 08.5	23 09.07	-06 28.3	18.4	-0.72	- 5.1	0.4/08.2	66051	1991 TC ₁₅	2004 09 08.8	23 10.23	-16 59.6	17.1	-1.00	- 4.4	5.4/05.2	37034
2000 QJ ₁₀₈	2004 09 08.5	23 09.08	-07 39.0	18.7	-1.03	- 2.2	0.9/07.9	66137	2000 XW ₂₆	2004 09 08.8	23 10.24	-25 09.1	19.8	-0.82	- 2.5	5.2/02.4	66177
2000 RY ₉₄	2004 09 08.5	23 09.15	-12 44.9	17.8	-0.90	- 4.2	2.6/06.3	66146	2001 UF ₁₁₂	2004 09 08.8	23 10.25	+03 47.4	19.2	-0.91	- 7.4	3.5/11.9	66232
2001 TV ₂₂₄	2004 09 08.5	23 09.17	-00 38.3	19.8	-0.93	- 6.1	1.6/10.1	50566	2002 CH ₅₂	2004 09 08.8	23 10.28	-06 04.1	18.7	-0.86	- 1.0	0.2/08.7	66266
2001 WA ₂₇	2004 09 08.5	23 09.20	-18 19.6	19.3	-0.97	- 6.8	5.8/04.2	30554	2001 XR ₉₈	2004 09 08.8	23 10.35	+01 08.4	18.4	-0.96	- 4.6	2.6/10.9	66249
1999 TX ₁₁₉	2004 09 08.5	23 09.20	+02 09.0	18.7	-0.76	- 4.9	2.5/11.0	66094	2002 EV ₇₃	2004 09 08.9	23 10.31	+00 40.7	19.8	-0.73	- 5.4	1.8/10.9	66274
2000 YN ₉₆	2004 09 08.5	23 09.22	+09 14.9	18.4	-0.79	- 3.1	4.5/13.3	11018	2002 FL ₁₅	2004 09 08.9	23 10.34	-19 40.0	19.3	-0.75	- 5.7	4.1/03.9	66275
1998 FG ₁₂₇	2004 09 08.5	23 09.24	-14 53.5	17.5	-1.75	+ 9.1	5.1/07.4	66067	2003 FU ₈₃	2004 09 08.9	23 10.37	-29 59.2	19.8	-1.04	- 1.7	8.2/01.5	66309
2002 ES ₁₀₇	2004 09 08.5	23 09.25	-01 21.3	19.3	-0.89	- 4.3	1.5/09.9	30064	2002 CJ ₁₉₂	2004 09 08.9	23 10.38	-10 25.9	21.3	-0.82	- 5.5	1.6/07.2	27544
2001 YA ₁₃₉	2004 09 08.5	23 09.30	-21 41.1	19.9	-0.84	- 5.3	4.8/03.1	27797	2000 YG ₇₈	2004 09 08.9	23 10.44	+10 09.7	18.2	-0.78	- 3.8	4.6/14.1	29643
2001 WD ₃	2004 09 08.6	23 09.27	-03 35.3	20.8	-0.95	- 6.3	0.7/09.2	46922	2000 VA ₁₄	2004 09 08.9	23 10.44	+02 30.2	18.9	-0.78	- 6.1	2.6/11.6	66168
1997 WS ₄₉	2004 09 08.6	23 09.33	+03 13.6	18.9	-0.87	- 6.7	3.4/11.5	66064	2000 SC ₁₉₈	2004 09 08.9	23 10.50	-06 19.4	18.7	-0.82	- 5.3	0.5/08.6	25861
2000 RS ₄₂	2004 09 08.6	23 09.38	+06 59.2	16.7	-0.83	- 4.5	5.9/12.9	64796	2002 AR ₅₇	2004 09 08.9	23 10.50	-07 53.8	19.5	-0.73	- 6.0	0.7/08.1	30610
2004 NG ₂₃	2004 09 08.6	23 09.42	+07 57.2	18.3	-1.03	+ 1.4	5.9/12.1	65907	2000 SY ₃₀₁	2004 09 08.9	23 10.52	-10 18.1	20.5	-0.94	- 2.2	1.7/07.5	10989
2001 WS ₁₆	2004 09 08.6	23 09.44	-03 01.8	19.6	-0.98	- 5.4	0.9/09.4	50575	1995 UN ₃₅	2004 09 08.9	23 10.58	-26 41.5	19.9	-1.00	- 2.1	7.6/02.1	66055
1995 BN ₁₅	2004 09 08.6	23 09.52	-06 31.5	20.3	-0.95	- 4.8	0.4/08.3	25682	2000 WQ ₆₁	2004 09 08.9	23 10.58	-22 31.5	18.6	-0.75	- 5.4	4.8/02.8	66171
1999 UA ₈	2004 09 08.6	23 09.54	+16 17.0	19.4	-0.71	- 6.0	6.6/16.7	30328	2004 LN ₁₆	2004 09 08.9	23 10.60	-20 30.3	17.5	-0.63	- 8.5	6.8/03.0	65861
1999 XG ₁₀	2004 09 08.6	23 09.57	+11 27.2	18.3	-0.78	- 2.5	6.5/14.1	64695	2003 FH ₆	2004 09 08.9	23 10.60	+00 32.5	19.2	-0.86	- 7.9	2.2/11.0	65468
1997 WL ₁₂	2004 09 08.7	23 09.59	-04 15.2	20.3	-0.95	- 5.5	0.4/09.1	24955	2001 XK ₂₃₃	2004 09 08.9	23 10.62	-03 41.5	19.5	-0.92	- 5.4	0.6/09.5	30588
2000 TS ₂₄	2004 09 08.7	23 09.61	-08 20.9	19.6	-0.82	- 6.5	1.0/07.7	47971	2000 TZ ₄₅	2004 09 08.9	23 10.62	-02 46.3	19.8	-0.91	- 3.8	1.0/09.7	29431
2001 YM ₈	2004 09 08.7	23 09.61	-07 18.7	20.4	-0.82	- 6.2	0.6/08.1	50582	1999 AH ₁₆	2004 09 08.9	23 10.74	-03 29.1	20.1	-0.95	- 5.4	0.6/09.6	66080
1999 XY ₄	2004 09 08.7	23 09.65	-05 20.1	19.7	-0.75	- 5.2	0.0/08.7	13023	2002 AV ₁₂₀	2004 09 09.0	23 10.66	-16 21.2	18.0	-0.84	- 7.0	5.0/05.1	65287
2000 SJ ₅₅	2004 09 08.7	23 09.68	-07 30.0	18.7	-0.93	- 3.5	0.8/08.1	66150	1998 FE ₇₄	2004 09 09.0	23 10.68	-07 41.8	20.4	-0.80	- 5.6	0.7/08.2	25706
2002 EG ₁₆	2004 09 08.7	23 09.69	+06 06.7	19.1	-0.84	- 3.9	3.6/12.4	66273	2002 JF ₁₂₆	2004 09 09.0	23 10.74	+01 36.9	19.5	-0.69	- 8.3	1.9/11.6	66277
2002 GJ ₁₁₉	2004 09 08.7	23 09.70	-20 58.3	18.6	-0.78	- 3.9	4.7/03.5	66276	2003 AS ₂₂	2004 09 09.0	23 10.76	+19 36.6	19.8	-1.21	- 0.9	8.7/16.4	43486
1997 AO ₁₆	2004 09 08.7	23 09.70	+18 51.2	19.9	-0.81	- 4.2	9.4/17.2	47708	2000 RX ₇	2004 09 09.0	23 10.77	-11 06.6	18.0	-0.82	- 3.8	2.7/07.2	66142
2002 EL ₁₀₇	2004 09 08.7	23 09.77	-16 08.3	20.2	-0.74	- 6.7	2.9/04.9	33971	2002 AX ₁₆₀	2004 09 09.0	23 10.78	+10 32.7	19.1	-0.92	- 3.1	5.0/13.9	30624
2000 ST ₃₃₆	2004 09 08.7	23 09.78	-27 06.5	18.7	-1.12	+ 4.2	10.8/03.2	7601	2003 BK ₂₅	2004 09 09.0	23 10.78	-01 52.2	19.5	-0.83	-10.0	1.2/10.3	48318
1999 TS ₁₉₂	2004 09 08.7	23 09.82	-00 43.8	18.8	-0.84	- 2.5	1.7/10.1	64681	2003 FJ ₆₇	2004 09 09.0	23 10.78	-24 00.5	19.4	-1.02	- 0.4	7.2/03.9	65477
1997 BC	2004 09 08.7	23 09.86	-05 17.9	19.4	-0.84	- 3.9	0.0/08.8	47708	2000 SL ₃₉	2004 09 09.0	23 10.82	-08 12.1	19.2	-0.80	- 8.2	1.0/08.0	66149
2002 FN ₉	2004 09 08.7	23 09.86	-02 10.0	18.7	-0.79	- 2.6	0.9/09.8	66275	2001 AA	2004 09 09.0	23 10.88	-10 14.3	19.1	-0.84	-13.3	1.9/07.1	9913
2000 OQ ₅₃	2004 09 08.7	23 09.89	+19 47.9	18.1	-0.97	- 1.9	9.9/17.0	66131	2002 CH ₁₆₂	2004 09 09.0	23 10.89	-12 13.2	18.4	-0.87	- 5.0	2.5/06.8	66269
2001 YT ₁₁₃	2004 09 08.7	23 09.91	+13 37.5	18.7	-0.91	- 3.5	7.2/15.1	47103	2000 YR ₆₁	2004 09 09.0	23 10.91	+07 14.3	19.6	-0.77	- 3.5	3.6/13.1	9508
2001 XH ₂₁	2004 09 08.7	23 09.92	-19 28.2	18.8	-0.91	- 4.3	4.4/04.3	30563	1995 SF ₅₃	2004 09 09.0	23 10.97	-04 22.7	19.2	-0.79	- 6.1	0.3/09.4	66055
1999 TO ₁₈₉	2004 09 08.7	23 09.93	-06 06.5	17.7	-0.88	- 1.2	0.2/08.6	66095	2001 XS ₅₇	2004 09 09.0	23 10.98	-28 53.2	19.0	-0.93	- 5.1	8.3/01.0	66247
2000 US ₅₁	2004 09 08.7	23 09.93	-13 59.6	20.8	-0.84	- 5.1	2.7/05.9	47978	1997 WH ₁₆	2004 09 09.0	23 11.01	-51 26.8	19.4	-1.36	- 2.9	16.7/22.0	66063
2002 EQ ₁₄	2004 09 08.7	23 09.95	-03 58.5	20.5	-0.81	- 4.9	0.4/09.2	29947	1996 TE ₂₁	2004 09 09.0	23 11.03	-01 00.9	19.4	-0.82	- 6.1	1.4/10.5	60480
1999 JC ₅₃	2004 09 08.7	23 09.95	+09 32.3	18.5	-0.76	- 8.8	5.6/14.5	66085	2000 UC ₃₉	2004 09 09.1	23 11.04	-14 30.9	18.8	-0.86	- 4.4	3.1/06.1	66164
1999 XN ₁₈₁	2004 09 08.7	23 09.96	+26 25.2	18.3	-0.81	- 1.7	8.8/20.0	66103	2002 CM ₂₆₅	2004 09 09.1	23 11.04	-20 56.9	18.4	-0.78	- 3.9	4.6/03.9	65327
2001 CD ₂₄	2004 09 08.7	23 09.99	-13 30.1	18.9	-0.70	- 8.2	2.6/05.8	66183	2002 DY ₁₄	2004 09 09.1	23 11.07	-03 06.5	20.0	-0.82	- 6.6	0.8/09.8	33968
1999 XG ₂₃₀	2004 09 08.7	23 10.00	+08 19.0	18.2	-0.79	- 3.3	4.3/13.2	66104	2000 UA ₄₆	2004 09 09.1	23 11.07	-12 16.3	18.6	-0.86	- 4.1	2.5/06.9	66165
2000 WR ₁₉	2004 09 08.7	23 10.00	+10 23.6	20.1	-1.00	- 4.5	5.8/13.4	9868	2000 SS ₉	2004 09 09.1	23 11.11	+15 19.4	19.1	-0.77	-12.3	6.5/17.4	27047
2000 XU ₃	2004 09 08.7	23 10.03	-01 33.3	18.1	-0.93	- 2.1	1.4/09.9	66175	2004 QU ₅	2004 09 09.1	23 11.14	+02 42.3	19.3	-0.80	- 5.6	2.8/11.8	65982
2002 JD ₅₃	2004 09 08.8	23 09.97	-16 09.9	19.2	-0.65	- 2.7	2.4/05.2	50609	1993 FP ₂₁	2004 09 09.1	23 11.15	-06 49.9	19.4	-0.82	- 4.2	0.5/08.6	47686
1999 RG ₂₀₀	2004 09 08.8	23 09.99	+14 07.0	18.2	-0.73	- 6.1	6.7/16.0	66090	1993 FA ₂₄	2004 09 09.1	23 11.16	-04 18.3	21.0	-0.79	- 4.9	0.3/09.4	27578
1995 WE ₄	2004 09 08.8	23 10.06	-23 46.5	18.7	-0.58	- 2.0	11.2/02.5	64644	2001 AK ₁	2004 09 09.1	23 11.16	-21 36.2	19.0	-0.72	- 7.3	5.4/03.0	66181
2002 BE ₂₁	2004 09 08.8	23 10.13	-29 59.1	21.1	-1.26	+ 1.1	7.4/02.4	48196	2004 PQ ₁₅	2004 09 09.1	23 11.18	-13 10.6	17.2	-0.69	- 9.7	3.6/06.1	65944
1999 TR ₂₁₄	2004 09 08.8	23 10.16	-23 14.1	19.0	-0.91	- 1.0	6.4/03.5	64682	2002 EP ₃₉	2004 09 09.1	23 11.19	-03 55.7	20.6	-0.70	- 5.3	0.4/09.6	31469
2002 AV ₁₇₄	2004 09 08.8	23 10.18	-11 27.2	17.7	-0.75	- 7.0	3.0/06.7	65293	2269 T-3	2004 09 09.1	23 11.21	+07 38.0	19.0	-0.71	- 6.0	4.1/13.7	66424
2000 WZ ₂₆	2004 09 08.8	23 10.19	-03 44.2	20.0	-0.78	- 5.3	0.5/09.4	34973	2000 SA ₁₂₇	2004 09 09.1	23 11.22	-04 49.5	18.7	-0.77	- 7.9	0.1/09.3	66153
1999 RW ₂₅₂	2004 09 08.8	23 10.22	+01 22.0	19.4	-0.86	- 2.1	2.3/11.0	66091	2000 WX ₁₂₄	2004 09 09.1	23 11.27	-23 41.4	19.3	-0.84	- 9.0	6.6/02.0	66173

2001 YQ ₁₁₆	2004 09 09.1	23 11.31 -18 15.0 18.0	-0.79 - 9.4	6.3/04.2	65263	2000 LL ₂₀	2004 09 09.4	23 12.48 +37 56.9 18.3	-1.13 - 1.8	14.6/27.2	66128
2003 HQ ₁₆	2004 09 09.1	23 11.32 +26 41.2 19.1	-0.86 - 8.6	10.6/22.4	66312	2001 TH ₉₇	2004 09 09.4	23 12.50 +03 25.1 19.4	-0.95 - 5.9	2.9/12.2	66222
2002 CP ₂₃₇	2004 09 09.1	23 11.33 -07 14.8 18.6	-0.67 - 7.0	0.6/08.4	66271	2000 YH ₇₉	2004 09 09.4	23 12.51 -26 53.9 20.1	-0.76 - 4.2	5.4/01.8	66180
1999 TO ₂₀₉	2004 09 09.1	23 11.36 -00 36.1 17.8	-0.93 + 0.4	1.7/10.4	64682	2002 EO ₁₀	2004 09 09.4	23 12.53 -24 09.1 20.2	-0.89 - 1.4	5.1/03.7	66273
2001 YP ₁₃₃	2004 09 09.1	23 11.41 +00 02.1 19.6	-0.90 - 6.1	2.1/11.0	66258	2001 YC ₃₃	2004 09 09.5	23 12.46 -05 53.8 20.3	-0.93 - 5.2	0.3/09.3	30595
2000 RG ₁₀₁	2004 09 09.1	23 11.42 +15 54.2 18.1	-0.95 - 2.1	6.9/15.7	66147	1999 TX ₁₈₈	2004 09 09.5	23 12.48 -08 06.6 18.8	-0.94 - 0.5	1.0/08.7	66095
2000 SF ₈₁	2004 09 09.1	23 11.42 +00 26.9 19.1	-0.67 -13.1	2.3/11.5	64823	2000 UH ₈₀	2004 09 09.5	23 12.50 -15 52.0 17.7	-0.92 - 4.1	4.6/06.0	8523
2001 XE ₂₁₀	2004 09 09.1	23 11.45 -12 33.7 18.9	-0.88 - 8.5	2.9/06.6	66253	2001 YC ₆	2004 09 09.5	23 12.50 -10 10.1 17.7	-0.79 - 5.3	2.5/07.8	66255
2001 YS ₁₅₂	2004 09 09.2	23 11.42 -29 50.2 18.2	-0.97 - 1.8	8.7/01.7	66258	3851 T-3	2004 09 09.5	23 12.55 +02 10.5 19.1	-0.69 - 6.6	2.2/12.1	66425
2001 XE ₁₁₇	2004 09 09.2	23 11.44 -14 46.2 19.5	-0.96 - 5.4	3.5/06.1	27788	2002 CL ₂₄₉	2004 09 09.5	23 12.56 -02 31.2 20.5	-0.80 - 5.5	0.8/10.4	29904
2002 CC ₅₅	2004 09 09.2	23 11.45 +00 22.7 19.5	-0.75 - 4.5	1.6/11.1	66266	2002 BV ₄	2004 09 09.5	23 12.57 -24 28.1 18.7	-1.04 - 2.2	6.7/03.6	65298
2003 FZ ₈₇	2004 09 09.2	23 11.45 -11 19.0 19.8	-0.85 - 7.7	2.2/07.1	50757	2000 SE ₂₀₆	2004 09 09.5	23 12.60 -08 59.6 19.5	-0.86 - 4.5	1.4/08.3	66156
2001 XK ₂₀₈	2004 09 09.2	23 11.46 -14 02.8 17.3	-0.81 - 7.9	4.0/06.1	66253	2000 VM ₂₄	2004 09 09.5	23 12.61 +04 23.0 18.1	-0.75 - 6.8	3.8/12.9	66168
2003 EK ₄₁	2004 09 09.2	23 11.50 -02 32.5 19.2	-0.90 - 6.3	1.0/10.1	66307	2001 YS ₁₃₈	2004 09 09.5	23 12.61 -03 10.9 19.9	-0.85 - 4.8	0.7/10.1	65267
2003 GC ₄₆	2004 09 09.2	23 11.51 -13 28.4 18.8	-0.75 - 6.5	3.2/06.4	65489	2001 TY ₆₂	2004 09 09.5	23 12.63 -02 53.7 18.5	-0.92 - 8.1	0.9/10.3	66220
2002 EA ₉₇	2004 09 09.2	23 11.58 +06 04.1 19.8	-0.71 - 6.2	3.3/13.3	66274	2004 PC ₆₁	2004 09 09.5	23 12.64 -04 20.7 18.5	-0.62 -10.7	0.3/09.8	65965
2001 TE ₁₂₇	2004 09 09.2	23 11.62 +01 40.6 19.5	-0.87 - 9.1	2.9/11.7	66223	2000 SH ₁₀₄	2004 09 09.5	23 12.67 -06 59.7 18.7	-0.90 - 3.8	0.7/09.0	66152
2000 UG ₁₀₁	2004 09 09.2	23 11.65 +07 42.2 18.3	-0.86 - 3.3	5.0/13.3	25881	3202 T-3	2004 09 09.5	23 12.68 -32 24.7 18.4	-1.01 + 0.4	7.7/01.7	30774
1999 WR ₁₈	2004 09 09.2	23 11.66 -06 59.7 19.8	-0.76 - 4.6	0.6/08.7	4950	2002 AL ₁₃₃	2004 09 09.5	23 12.71 -13 51.1 19.8	-0.89 - 7.5	3.3/06.6	61216
2001 BP ₂₉	2004 09 09.2	23 11.66 -14 32.6 19.8	-0.71 - 5.1	2.5/06.0	31936	2000 QZ ₂₂	2004 09 09.5	23 12.72 +02 33.9 18.2	-0.93 - 3.1	3.2/11.9	66133
2002 AD ₁₆₉	2004 09 09.2	23 11.67 +01 25.7 20.2	-0.89 - 4.6	2.2/11.4	66263	2000 YM ₇₇	2004 09 09.5	23 12.72 -09 42.7 19.4	-0.79 - 4.6	1.5/08.0	66180
2001 UD ₅₈	2004 09 09.2	23 11.75 +02 55.2 19.8	-0.94 - 7.5	3.2/12.0	50568	2000 VS ₅₄	2004 09 09.5	23 12.76 -14 38.4 19.9	-0.94 - 2.9	3.2/06.7	31922
2000 SM ₃₂	2004 09 09.2	23 11.77 -05 02.0 19.1	-0.78 - 9.5	0.1/09.3	66149	1997 GX	2004 09 09.5	23 12.78 -04 48.7 19.6	-0.74 - 5.1	0.1/09.7	66060
2003 JM ₈	2004 09 09.2	23 11.77 -26 05.5 20.3	-0.80 - 4.0	6.1/02.3	66313	2001 XE ₃₁	2004 09 09.5	23 12.78 -49 18.9 21.3	-1.20 - 1.5	11.9/24.4	46968
2004 PU ₁₅	2004 09 09.2	23 11.80 -11 55.5 18.1	-0.77 - 7.0	3.2/06.9	65944	2001 XU ₁₅₄	2004 09 09.5	23 12.84 -14 52.1 17.5	-0.90 - 6.1	4.4/06.3	66251
2002 GB ₃₅	2004 09 09.2	23 11.82 -21 28.1 17.5	-1.15 - 0.9	6.5/04.7	65341	2000 SG ₃₅₂	2004 09 09.6	23 12.83 -23 32.3 18.1	-0.89 - 0.6	9.3/03.7	64859
2002 DO ₉	2004 09 09.3	23 11.74 -33 06.7 18.8	-0.82 - 3.5	7.5/30.5	30698	2000 SL ₆₉	2004 09 09.6	23 12.88 -21 22.7 19.0	-1.05 + 0.7	7.5/05.1	13748
2000 YZ ₆₆	2004 09 09.3	23 11.75 +04 12.5 20.3	-0.80 - 2.6	2.9/12.2	66179	2002 EB ₁₄₈	2004 09 09.6	23 12.88 -06 57.2 19.9	-0.75 - 4.3	0.5/09.0	30083
1999 GK ₃₁	2004 09 09.3	23 11.76 +07 32.6 17.4	-0.72 -11.0	5.0/14.4	66084	2001 YZ ₇₁	2004 09 09.6	23 12.94 +09 45.8 20.1	-0.82 - 3.6	3.9/14.4	30597
2000 GN ₃₁	2004 09 09.3	23 11.78 -08 53.7 19.0	-0.99 - 5.2	1.7/08.2	66117	2002 CP ₂₂₅	2004 09 09.6	23 12.94 -11 48.9 20.0	-0.90 - 5.1	2.2/07.5	30686
2000 SG ₁₆	2004 09 09.3	23 11.82 +03 04.8 18.6	-0.99 - 1.4	3.3/11.6	64811	2002 CZ ₆₂	2004 09 09.6	23 12.94 -26 11.6 19.5	-0.87 - 7.5	7.6/01.7	66267
1999 RL	2004 09 09.3	23 11.82 -10 36.0 18.3	-0.80 - 4.7	1.8/07.5	66087	2000 WX ₁₀₆	2004 09 09.6	23 12.95 +29 52.1 17.2	-0.64 + 1.9	18.0/24.7	64885
2003 HQ ₃₇	2004 09 09.3	23 11.83 +00 11.1 20.8	-0.90 - 5.4	1.7/11.0	62445	1999 VC ₁₀₂	2004 09 09.6	23 12.98 -05 25.2 19.1	-0.73 - 5.1	0.1/09.5	66099
2002 CV ₂₁₉	2004 09 09.3	23 11.83 -06 00.5 18.9	-0.69 - 6.2	0.3/09.0	66270	2003 FV ₁₀₃	2004 09 09.6	23 13.06 +02 03.3 19.6	-0.87 - 8.7	2.7/12.1	65482
2001 VB ₆₀	2004 09 09.3	23 11.83 -06 47.4 18.0	-1.00 - 2.8	0.8/08.9	65146	2001 UP ₁₅₂	2004 09 09.6	23 13.13 +01 17.4 21.0	-0.88 - 6.8	2.1/11.8	26035
2000 YA ₁₂₀	2004 09 09.3	23 11.90 -39 59.2 17.9	-0.94 - 2.1	14.7/26.2	64900	1999 VV ₁₈₆	2004 09 09.6	23 13.15 +04 26.3 18.9	-0.67 - 7.7	3.4/13.2	64693
2002 BE ₁₀	2004 09 09.3	23 11.98 -04 01.3 20.7	-0.78 - 4.2	0.3/09.7	48195	2000 RC ₃₅	2004 09 09.6	23 13.17 -11 48.0 18.4	-0.99 - 1.4	2.2/07.8	66143
2001 VQ ₁₁₀	2004 09 09.3	23 12.00 -12 24.6 19.5	-0.99 - 4.0	3.0/07.2	46914	2000 WO ₃₆	2004 09 09.6	23 13.24 -17 56.6 17.9	-0.75 - 6.3	4.0/05.1	33886
2000 UC ₆₉	2004 09 09.3	23 12.02 +00 38.3 19.0	-0.85 - 4.1	2.0/11.2	66166	2002 EN ₈₄	2004 09 09.6	23 13.24 -09 27.2 19.8	-0.77 - 5.2	1.4/08.2	48221
2000 AH ₁₈₉	2004 09 09.3	23 12.04 +02 08.9 18.9	-0.71 - 8.7	2.5/12.0	66106	2001 WB ₄₆	2004 09 09.6	23 13.24 -02 29.7 20.8	-0.97 - 5.6	1.1/10.5	30557
2002 CV ₂₃₈	2004 09 09.3	23 12.04 -00 00.9 18.1	-0.86 - 3.4	1.8/10.9	66271	2001 CW ₁₁	2004 09 09.7	23 13.20 -05 25.7 18.6	-0.82 - 2.5	0.1/09.6	30449
2000 VQ ₅₄	2004 09 09.3	23 12.07 -00 54.1 19.0	-0.86 - 3.5	1.7/10.7	66169	2000 WJ ₁₀₉	2004 09 09.7	23 13.26 -11 46.1 18.1	-0.88 - 2.8	2.6/07.7	66172
2000 WG ₇₁	2004 09 09.3	23 12.13 +03 31.5 18.1	-0.88 - 3.3	3.1/12.0	66171	2000 TV ₃₃	2004 09 09.7	23 13.28 +11 29.3 17.7	-0.76 - 7.4	6.5/15.8	66162
2001 WW ₄₀	2004 09 09.3	23 12.17 +11 55.4 18.7	-0.86 - 6.6	5.6/15.3	23135	2002 EC ₄₂	2004 09 09.7	23 13.31 +00 17.1 19.2	-0.82 - 4.9	1.7/11.5	66273
2001 XB ₁₉₅	2004 09 09.4	23 12.10 -03 41.9 17.0	-0.73 - 7.2	0.7/09.9	66253	2002 CK ₅	2004 09 09.7	23 13.32 -02 53.4 15.8	-0.89 + 1.9	1.2/10.3	65302
2003 FJ ₇₂	2004 09 09.4	23 12.28 -19 38.2 20.0	-0.97 - 4.6	5.5/04.9	50182	2001 UP ₇₄	2004 09 09.7	23 13.33 -11 01.3 19.0	-0.94 - 6.7	2.4/07.8	66231
2004 PH ₂₁	2004 09 09.4	23 12.30 -11 25.7 18.6	-0.70 - 8.5	2.1/07.1	65947	2004 NU ₂₄	2004 09 09.7	23 13.35 +02 34.3 18.9	-1.05 + 0.9	3.2/11.7	65909
2002 EK ₈₉	2004 09 09.4	23 12.37 +01 14.8 19.0	-0.72 - 5.7	1.9/11.7	66274	2001 XE ₂₂₀	2004 09 09.7	23 13.37 -11 14.3 20.1	-0.96 - 5.5	2.3/07.8	29739
2001 RN ₇₈	2004 09 09.4	23 12.42 -03 57.3 18.8	-0.92 - 8.6	0.5/09.9	66203	2001 UD ₁₄₃	2004 09 09.7	23 13.38 -12 02.3 20.4	-0.97 - 6.1	2.7/07.5	46833
2000 WW ₇₂	2004 09 09.4	23 12.43 -03 26.7 18.6	-0.87 - 2.8	0.7/10.0	66171	1999 TP ₄₈	2004 09 09.7	23 13.38 -06 09.7 19.0	-0.74 - 5.7	0.4/09.4	64674
1997 UX ₁₆	2004 09 09.4	23 12.46 -08 44.7 18.9	-0.92 - 3.6	1.8/08.4	66063	1999 TA ₁₈₆	2004 09 09.7	23 13.39 +13 23.2 18.3	-0.76 - 3.3	5.0/15.9	66095

2002 CQ ₉₃	2004 09 09.7	23 13.43	-09 24.7	18.7	-0.76	- 4.7	1.4/08.3	65313	2000 RB ₇₂	2004 09 10.1	23 14.66	+03 34.0	18.7	-0.73	-14.1	3.0/13.5	66145
2193 T-2	2004 09 09.7	23 13.44	-03 37.1	18.8	-0.76	- 5.8	0.5/10.2	66423	2000 UO ₄₅	2004 09 10.1	23 14.67	-33 45.3	18.4	-1.00	+ 0.4	12.4/31.7	64870
2002 AO ₁₀	2004 09 09.7	23 13.48	-10 07.5	20.3	-0.85	- 6.0	1.8/08.1	47122	1998 MC ₆	2004 09 10.1	23 14.68	-09 49.3	19.3	-0.80	- 4.7	1.6/08.5	66069
2003 EX ₃₁	2004 09 09.7	23 13.49	+04 31.4	19.3	-0.95	- 6.6	3.8/12.9	50751	2000 QJ ₁₈₀	2004 09 10.1	23 14.69	-10 57.9	18.9	-1.18	+ 1.2	2.2/08.7	66139
1999 TA ₂₆₇	2004 09 09.7	23 13.51	+05 57.8	18.6	-0.80	- 3.1	3.2/13.2	30327	2000 YR ₈₀	2004 09 10.1	23 14.73	+09 14.5	19.9	-0.72	- 3.9	3.6/14.9	34988
2000 SB ₈₀	2004 09 09.7	23 13.51	-05 05.0	19.0	-0.77	- 7.8	0.0/09.7	64823	2002 EA ₁₅₃	2004 09 10.1	23 14.74	+09 36.7	19.4	-0.76	- 5.1	4.4/15.2	66275
1998 AQ ₇	2004 09 09.7	23 13.61	-08 46.8	18.0	-0.92	- 4.1	1.8/08.6	66065	2002 JV ₇₅	2004 09 10.1	23 14.75	+06 12.3	20.6	-0.69	- 5.8	3.0/14.1	66277
1998 HS ₁₅₄	2004 09 09.8	23 13.60	-06 57.8	19.8	-0.93	- 2.1	0.6/09.2	22049	2000 SE ₈₉	2004 09 10.1	23 14.78	+02 25.8	18.8	-0.98	- 1.6	2.6/12.2	31914
2003 FW ₇₁	2004 09 09.8	23 13.61	-09 25.8	20.5	-0.93	- 5.1	1.5/08.4	47440	1996 VX	2004 09 10.1	23 14.82	-14 01.7	19.6	-1.14	- 5.5	3.3/07.4	66058
2000 KR ₇₀	2004 09 09.8	23 13.63	+05 51.6	19.4	-1.00	- 5.8	4.2/13.3	66128	2000 WY ₆₉	2004 09 10.1	23 14.82	+23 29.9	18.2	-0.83	- 2.8	11.8/20.2	64883
2001 TT ₄₅	2004 09 09.8	23 13.63	-03 23.4	18.5	-0.94	- 6.6	0.8/10.3	66219	1996 EO ₁₃	2004 09 10.1	23 14.84	-07 37.4	19.7	-1.10	- 2.2	1.2/09.4	21982
2002 CM ₅₁	2004 09 09.8	23 13.66	-03 46.3	19.3	-0.75	- 4.7	0.4/10.2	66266	2001 TF ₁₀₃	2004 09 10.1	23 14.85	+05 43.5	18.3	-0.90	- 7.6	4.0/13.8	66222
2001 UP ₁₃₀	2004 09 09.8	23 13.71	-13 09.1	18.7	-0.95	- 3.8	4.1/07.4	65115	1994 GY ₃	2004 09 10.1	23 14.89	-03 39.2	19.7	-0.81	- 6.0	0.4/10.6	9676
2000 XP ₅₁	2004 09 09.8	23 13.74	-17 05.2	18.3	-0.93	- 1.0	4.9/06.4	66178	2000 VT ₂₆	2004 09 10.1	23 14.94	+00 45.5	19.3	-0.80	- 5.5	1.8/12.0	31921
1996 DC ₂	2004 09 09.8	23 13.75	+13 48.3	18.6	-0.93	-28.1	7.8/18.1	66056	2000 AS ₂₃₃	2004 09 10.1	23 14.97	-39 34.7	17.5	-0.90	- 2.2	13.1/27.0	66107
2002 AO ₁₂	2004 09 09.8	23 13.78	+08 02.7	19.0	-0.89	- 2.6	3.9/13.8	30604	2003 HR ₃	2004 09 10.1	23 14.98	-06 13.7	20.9	-0.95	- 6.4	0.5/09.7	47542
2001 VM ₁₃	2004 09 09.8	23 13.80	+19 43.3	17.8	-0.97	- 5.6	10.1/19.0	66236	2001 XT ₃₆	2004 09 10.1	23 14.98	-10 20.1	18.1	-1.07	- 2.5	2.4/08.6	65190
2001 XH ₁₅	2004 09 09.8	23 13.80	-04 20.9	18.9	-1.02	- 3.7	0.2/10.0	65184	2002 GM ₁₁₁	2004 09 10.1	23 15.01	-15 19.4	19.7	-0.93	- 5.3	3.7/06.7	31583
2002 CH ₁₆₇	2004 09 09.8	23 13.85	-06 46.4	18.7	-0.96	- 1.6	0.6/09.4	66270	2001 UM ₄₉	2004 09 10.1	23 15.02	-10 07.5	18.3	-0.88	- 8.3	2.0/08.4	66230
2000 US ₆₁	2004 09 09.8	23 13.90	-03 35.6	17.1	-0.87	- 2.4	0.7/10.3	64872	2001 XG ₆₀	2004 09 10.1	23 15.03	-15 38.7	18.4	-0.94	- 7.4	5.0/06.4	26071
2000 HA ₉₃	2004 09 09.8	23 13.93	-10 25.6	19.1	-0.98	- 4.2	2.5/08.2	66123	2002 EF ₁₄₇	2004 09 10.1	23 15.04	+03 25.3	19.2	-0.75	- 3.5	2.4/12.9	66275
2000 SL ₂₅₆	2004 09 09.8	23 13.96	-11 30.7	20.1	-0.86	- 5.4	2.4/07.7	66158	2000 JK ₁₆	2004 09 10.2	23 14.99	-01 53.4	18.5	-0.83	-10.1	1.3/11.3	64732
1999 UJ ₆	2004 09 09.8	23 13.96	-03 02.7	18.3	-0.75	- 5.0	0.7/10.5	66097	1998 DQ ₂₂	2004 09 10.2	23 15.01	-01 54.4	19.6	-0.87	- 4.7	1.0/11.1	47723
2000 AU ₂₄₂	2004 09 09.9	23 13.99	+02 31.6	22.1	-0.43	- 3.1	1.0/12.7	57745	2002 EV ₂₅	2004 09 10.2	23 15.06	-04 27.3	18.9	-0.76	- 5.4	0.1/10.3	66273
2002 BX ₁₈	2004 09 09.9	23 13.99	-17 55.7	20.9	-0.85	- 4.6	3.6/05.6	48196	2000 XC ₃₆	2004 09 10.2	23 15.06	+01 08.2	17.4	-1.07	+ 2.5	2.7/11.6	66177
2002 EH ₄₈	2004 09 09.9	23 14.02	-03 46.1	20.1	-0.78	- 4.3	0.4/10.3	48218	2001 XH ₂₅₉	2004 09 10.2	23 15.11	-14 05.7	19.1	-0.88	- 9.1	3.8/06.9	66254
2000 WX ₂₃	2004 09 09.9	23 14.04	-01 19.6	18.6	-0.83	- 4.2	1.4/11.1	66170	2001 XR ₁₈₃	2004 09 10.2	23 15.11	+04 48.3	18.9	-0.90	- 5.8	3.8/13.4	27789
2001 XH ₇₇	2004 09 09.9	23 14.06	-05 14.5	20.8	-0.92	- 6.7	0.1/09.8	48164	2000 YQ ₁₃₇	2004 09 10.2	23 15.18	+27 39.9	18.2	-0.99	+ 1.6	9.4/20.0	66181
2000 TP ₅₉	2004 09 09.9	23 14.10	-32 26.7	18.4	-0.79	- 4.6	12.1/30.0	10992	1999 VE ₅₅	2004 09 10.2	23 15.19	-06 35.4	18.2	-0.75	- 4.4	0.7/09.7	66099
2002 CD ₂₅₆	2004 09 09.9	23 14.11	-15 03.8	19.8	-0.84	- 4.9	3.3/06.6	31972	2001 XE ₄₆	2004 09 10.2	23 15.26	-12 37.6	19.6	-1.07	- 3.4	3.3/08.0	66246
2000 GX ₁₈₀	2004 09 09.9	23 14.13	-13 44.9	19.5	-1.05	- 2.6	4.0/07.5	22144	2001 YU ₁₁₉	2004 09 10.2	23 15.28	+00 15.7	20.0	-0.88	- 7.2	2.0/12.0	66258
2002 EB ₅	2004 09 09.9	23 14.18	-06 51.7	18.7	-0.86	- 1.7	0.6/09.4	66273	2001 SR ₁₆₈	2004 09 10.2	23 15.29	-10 37.5	18.8	-0.98	- 5.0	2.7/08.5	66212
1999 TU ₁₂₆	2004 09 09.9	23 14.24	+08 57.1	18.6	-0.69	- 7.8	4.7/15.2	66094	1999 NK ₆₀	2004 09 10.2	23 15.30	-08 50.8	18.6	-0.76	-10.1	1.4/08.8	66087
2000 SW ₃₁₀	2004 09 09.9	23 14.26	+13 00.6	17.5	-1.08	+ 2.3	8.1/14.6	64853	1997 TH ₉	2004 09 10.2	23 15.36	-06 19.6	19.9	-0.96	- 4.6	0.6/09.8	46333
2225 T-1	2004 09 09.9	23 14.28	-15 24.0	18.0	-1.09	- 2.5	4.4/07.0	66423	2001 UO ₈₂	2004 09 10.2	23 15.39	-25 06.2	18.4	-1.08	- 2.2	8.1/04.4	66231
2000 XX ₁₇	2004 09 09.9	23 14.30	-08 20.1	18.4	-1.00	- 1.2	1.3/09.1	66176	2001 XY ₁₉₃	2004 09 10.2	23 15.39	-06 18.3	18.9	-0.93	- 6.3	0.6/09.8	66252
2003 EO ₁₁	2004 09 09.9	23 14.33	-09 54.7	20.3	-0.93	- 6.4	1.8/08.4	50748	1999 XZ ₁₄₁	2004 09 10.2	23 15.43	+38 39.1	18.4	-1.24	+ 2.1	21.3/26.8	66103
2002 CT ₁₃₈	2004 09 10.0	23 14.27	-08 21.7	19.4	-0.74	- 8.8	1.0/08.7	66269	1989 GN ₂	2004 09 10.3	23 15.37	+01 51.6	20.4	-0.93	- 6.7	2.3/12.5	66048
1999 RE ₉₈	2004 09 10.0	23 14.32	-15 22.3	19.2	-0.88	- 2.1	3.4/06.9	30308	2001 UK ₈₁	2004 09 10.3	23 15.44	-10 54.4	19.7	-0.97	- 5.9	2.4/08.4	46807
2000 SM ₂₂	2004 09 10.0	23 14.32	-00 24.4	19.5	-0.85	- 6.6	1.7/11.5	47941	2001 UF ₂₂₀	2004 09 10.3	23 15.46	-04 00.3	19.9	-0.98	- 5.6	0.3/10.6	48146
2001 FW ₅₉	2004 09 10.0	23 14.34	-05 18.9	19.1	-0.69	-12.1	0.1/09.9	19927	2002 CL ₂₆₄	2004 09 10.3	23 15.47	-07 49.4	21.2	-0.85	- 7.0	1.0/09.3	29908
2003 DH ₁₁	2004 09 10.0	23 14.40	-07 14.7	20.6	-0.94	- 7.0	0.9/09.3	66305	2002 CC ₂₁₂	2004 09 10.3	23 15.59	-10 57.8	19.8	-0.78	- 6.5	2.2/08.2	66270
2001 VT ₁₁₇	2004 09 10.0	23 14.44	-10 20.0	17.6	-1.01	- 4.5	2.4/08.4	65159	2002 AS ₁₇₀	2004 09 10.3	23 15.60	-07 05.5	19.9	-0.90	- 5.0	0.8/09.6	27424
2003 GA ₁₆	2004 09 10.0	23 14.48	-04 18.4	18.6	-1.04	- 2.7	0.2/10.2	66311	1999 XR ₁₈₆	2004 09 10.3	23 15.64	+22 07.7	18.4	-0.81	- 1.7	8.0/19.4	66103
2003 GX ₄₇	2004 09 10.0	23 14.53	-12 09.6	20.7	-0.89	- 5.4	2.4/07.7	50761	2001 BE ₁₈	2004 09 10.3	23 15.65	-05 28.6	18.7	-0.68	- 8.2	0.2/10.1	66182
2001 XE ₃	2004 09 10.0	23 14.62	-39 38.1	19.0	-1.13	- 2.3	9.5/28.8	31960	2002 CQ ₁₁₁	2004 09 10.3	23 15.67	-10 34.8	19.1	-0.73	- 8.1	1.8/08.3	66268
2001 BV ₅₅	2004 09 10.0	23 14.66	+04 51.9	19.6	-0.75	- 5.5	3.0/13.4	30448	2001 YJ ₁₀₁	2004 09 10.3	23 15.67	+03 26.1	19.2	-0.87	- 5.3	2.8/13.0	66257
2001 UU ₂₀	2004 09 10.0	23 14.66	-22 17.2	18.2	-0.88	- 0.8	9.6/04.8	65094	2004 PS	2004 09 10.3	23 15.67	+04 15.4	17.0	-0.71	+ 1.1	5.2/13.0	65931
2001 VN ₁₀₀	2004 09 10.0	23 14.68	-14 37.9	19.0	-0.83	- 9.0	4.4/06.6	66241	2002 AB ₁₅₃	2004 09 10.3	23 15.67	+01 05.7	19.8	-0.90	- 3.4	1.9/12.1	30622
2002 CH ₇	2004 09 10.1	23 14.64	-28 24.4	19.2	-1.61	+ 3.5	10.4/04.6	33960	1999 NP ₁₅	2004 09 10.3	23 15.68	+05 23.8	19.0	-0.86	- 4.2	3.6/13.7	66087
1999 VL ₉₃	2004 09 10.1	23 14.65	+03 51.3	18.4	-0.69	- 7.0	2.5/13.3	66099	2000 RW ₆₇	2004 09 10.3	23 15.70	+06 56.2	17.4	-0.65	-11.9	4.7/15.1	66145

2000 TQ ₇	2004 09 10.3	23 15.72 -04 45.7 19.6	-0.88 - 4.8	0.0/10.4	47970	2002 EQ ₉₀	2004 09 10.7	23 17.03 -07 47.1 19.1	-0.72 - 4.4	0.9/09.7	30718
2000 YG ₅₅	2004 09 10.3	23 15.72 -08 07.9 20.3	-0.73 - 4.6	0.9/09.3	50513	2002 CA ₁₅₅	2004 09 10.7	23 17.06 -39 06.7 19.7	-0.90 - 2.3	8.8/29.3	30671
2003 FR ₉₄	2004 09 10.4	23 15.69 -17 33.9 20.0	-0.87 - 5.3	4.3/06.2	47470	2000 TM ₂₀	2004 09 10.7	23 17.07 -21 17.0 17.9	-0.87 - 5.7	6.8/04.9	66162
2001 XW ₁₂₆	2004 09 10.4	23 15.76 -06 05.9 20.7	-0.93 - 7.2	0.6/10.0	50579	2000 SG ₂₄	2004 09 10.7	23 17.08 -63 08.9 18.7	-2.19 + 7.5	20.3/22.0	13740
1999 VN ₇₁	2004 09 10.4	23 15.80 +06 43.0 19.1	-0.70 - 6.2	4.1/14.6	64689	2003 FN ₂₁	2004 09 10.7	23 17.14 -28 49.8 19.0	-0.94 - 4.7	8.4/02.6	66308
2000 QQ ₁₈₂	2004 09 10.4	23 15.80 -11 49.3 19.6	-0.75 - 3.8	1.8/08.1	66139	1999 FK ₄₆	2004 09 10.7	23 17.15 -08 11.0 18.7	-0.92 - 6.4	1.4/09.6	66084
1999 XV ₅₆	2004 09 10.4	23 15.83 +20 44.8 18.1	-0.68 - 5.3	9.4/20.4	1551	2000 SK ₂₁₃	2004 09 10.7	23 17.18 -18 32.8 19.1	-0.88 - 8.5	6.0/05.6	9830
2003 BM ₁₇	2004 09 10.4	23 15.89 -13 30.3 19.6	-1.01 - 4.6	3.2/07.8	48317	1997 CA ₉	2004 09 10.7	23 17.19 -01 13.2 19.2	-0.93 - 2.4	1.3/11.8	9688
2001 UF ₁₂₀	2004 09 10.4	23 15.94 -04 54.4 19.6	-0.93 - 7.4	0.1/10.4	50570	2004 PP ₉₈	2004 09 10.7	23 17.19 -20 59.3 18.3	-0.78 - 3.7	7.3/05.3	65977
2002 CB ₄	2004 09 10.4	23 15.96 -11 56.1 20.3	-0.91 - 5.0	2.4/08.2	48197	2003 FZ ₈₈	2004 09 10.7	23 17.20 -04 35.7 19.1	-1.05 - 3.5	10.2/22.0	66309
2002 CT ₂₉₄	2004 09 10.4	23 15.98 -27 11.1 19.8	-0.85 - 6.4	7.4/02.2	66272	2000 OQ ₅₁	2004 09 10.7	23 17.21 +19 17.4 17.5	-0.87 - 4.8	9.1/19.0	66131
2002 BP ₁₆	2004 09 10.4	23 15.99 -09 52.0 19.1	-0.71 - 8.0	1.6/08.6	66264	2003 HE ₉	2004 09 10.8	23 17.23 -03 04.3 20.2	-0.92 - 5.8	0.5/11.3	50762
2002 EP ₉₇	2004 09 10.4	23 15.99 +07 05.7 19.5	-0.77 - 5.7	3.5/14.6	30720	2002 CN ₂₂₁	2004 09 10.8	23 17.25 -08 38.1 20.0	-0.76 - 5.4	1.2/09.5	66270
2000 SZ ₇₁	2004 09 10.4	23 16.03 +02 24.3 18.9	-0.77 - 9.3	2.4/13.1	66150	2002 GX ₁₂₅	2004 09 10.8	23 17.26 -00 12.9 19.6	-0.79 - 6.1	1.4/12.3	31590
2001 YC ₈₃	2004 09 10.4	23 16.13 +08 14.5 20.2	-0.88 - 3.4	4.0/14.6	30597	2000 UR ₇₆	2004 09 10.8	23 17.31 -09 30.3 18.8	-0.89 - 5.1	1.7/09.3	29477
2003 KV ₇	2004 09 10.4	23 16.13 -16 31.8 19.9	-0.86 - 7.2	4.2/06.4	66313	2002 CL ₂	2004 09 10.8	23 17.32 -25 46.3 19.8	-0.84 - 5.1	6.3/03.4	48197
2004 PM ₂₁	2004 09 10.5	23 16.06 -06 58.7 18.4	-0.72 - 8.3	1.1/09.7	65947	2002 CQ ₉₈	2004 09 10.8	23 17.36 -07 36.2 18.5	-0.81 - 5.1	1.1/09.9	66268
2001 XL ₂₁₀	2004 09 10.5	23 16.13 -14 12.4 18.0	-0.82 - 8.3	4.4/07.1	65232	2002 AT ₅₉	2004 09 10.8	23 17.37 +10 31.4 18.9	-0.90 - 2.5	4.6/15.5	30610
2003 HM ₄₈	2004 09 10.5	23 16.17 +15 41.2 19.3	-0.80 - 7.2	6.8/18.1	47567	2001 DR ₁₀	2004 09 10.8	23 17.39 -02 42.2 19.4	-0.67 - 7.1	0.5/11.5	66183
2000 JN ₁₃	2004 09 10.5	23 16.18 -06 12.3 20.3	-0.98 - 6.5	0.6/10.1	47892	2000 SZ ₃₃₃	2004 09 10.8	23 17.42 -32 24.6 18.7	-1.53 + 4.8	10.8/04.5	30406
2002 AM ₁₇	2004 09 10.5	23 16.25 -18 35.9 18.5	-0.79 - 7.0	6.5/05.5	65271	1997 WP ₁₈	2004 09 10.8	23 17.42 -08 46.3 19.8	-0.92 - 6.4	1.8/09.5	47719
2002 EA ₈₂	2004 09 10.5	23 16.25 -05 27.6 18.9	-0.92 - 0.4	0.2/10.3	66274	1996 HN ₈	2004 09 10.8	23 17.48 -02 24.2 18.2	-0.90 - 7.0	0.9/11.6	64645
2002 GO ₈	2004 09 10.5	23 16.26 -28 41.4 20.2	-0.95 - 0.2	5.7/03.5	30735	2001 XO ₁₆₆	2004 09 10.8	23 17.49 -02 22.5 20.9	-0.90 - 6.7	0.8/11.6	26083
2002 AK ₂₀₃	2004 09 10.5	23 16.26 -08 25.9 19.9	-0.75 - 5.1	1.2/09.3	48195	2003 BY ₂	2004 09 10.8	23 17.60 +08 01.9 18.0	-1.61 + 6.2	6.6/13.0	65426
2003 HW	2004 09 10.5	23 16.26 -04 07.8 19.1	-0.90 - 8.0	0.2/10.7	66312	1997 WE ₁₉	2004 09 10.9	23 17.53 -08 23.7 18.5	-1.01 - 2.6	1.6/09.8	66064
2001 XR ₄₆	2004 09 10.5	23 16.29 -25 24.5 19.7	-0.95 - 4.4	6.3/03.6	30566	2003 DD ₂₂	2004 09 10.9	23 17.55 -16 41.1 20.4	-0.96 - 5.6	4.2/07.1	48330
2002 FQ ₂₉	2004 09 10.5	23 16.38 +05 14.0 20.1	-0.73 - 4.9	2.8/14.0	66275	1999 TV ₉₄	2004 09 10.9	23 17.64 -23 02.6 18.6	-0.87 - 2.1	6.5/05.1	66093
2001 QL ₁₀₆	2004 09 10.5	23 16.44 -52 20.6 16.3	-2.11 +31.2	29.8/22.7	23652	2002 CM ₆₅	2004 09 10.9	23 17.70 -22 20.2 19.4	-0.87 - 4.4	5.8/05.0	30649
2002 CX ₇₄	2004 09 10.5	23 16.46 -09 53.0 19.4	-0.77 - 7.4	1.8/08.8	62387	2004 NR ₂₄	2004 09 10.9	23 17.71 -13 54.9 17.7	-0.68 -14.8	4.2/07.0	65909
2002 CU ₂₄₆	2004 09 10.6	23 16.43 -07 36.4 21.2	-0.68 - 7.6	0.8/09.5	30690	2003 EC ₂₃	2004 09 10.9	23 17.74 -10 13.3 19.5	-0.95 - 5.4	2.0/09.2	48334
2000 WC ₁₄₈	2004 09 10.6	23 16.45 -29 17.3 19.6	-0.76 - 4.6	6.5/01.7	30431	2001 DF ₃₅	2004 09 10.9	23 17.77 +09 07.2 18.3	-0.89 - 0.3	4.7/14.9	66183
2000 JA ₄₄	2004 09 10.6	23 16.47 -30 09.6 18.5	-1.10 + 0.1	11.5/03.7	66125	2000 TJ ₄₂	2004 09 10.9	23 17.80 -14 53.2 17.9	-0.66 - 9.7	4.8/07.0	64863
1998 BY ₈	2004 09 10.6	23 16.54 +02 05.7 18.7	-1.02 - 1.5	2.4/12.5	66065	2001 XS ₅₈	2004 09 10.9	23 17.81 -12 02.2 19.0	-0.92 - 7.2	3.2/08.4	66247
2001 XK ₁₀₇	2004 09 10.6	23 16.61 -02 29.6 20.5	-0.89 - 6.2	0.7/11.4	48166	2000 TN ₁₇	2004 09 10.9	23 17.87 -13 35.0 19.1	-0.91 - 3.4	3.6/08.2	64862
2001 VU ₁₁₂	2004 09 10.6	23 16.61 +05 36.0 18.2	-0.92 - 5.6	4.6/14.0	66241	2000 GH ₂₂	2004 09 10.9	23 17.89 -10 15.7 19.5	-0.99 - 4.4	2.7/09.3	23524
2000 SQ ₁₈₃	2004 09 10.6	23 16.63 -11 43.3 18.9	-0.61 -11.1	3.3/07.8	64840	2003 FJ ₆₈	2004 09 11.0	23 17.86 -13 04.5 19.8	-0.98 - 5.3	3.2/08.3	48351
2002 ED ₁₁	2004 09 10.6	23 16.68 +02 48.7 19.4	-0.66 - 7.4	2.0/13.4	66273	2000 SD	2004 09 11.0	23 17.95 +24 57.5 16.8	-1.57 +10.5	13.1/14.4	66147
2002 CW ₁₅₁	2004 09 10.6	23 16.71 -09 26.1 19.2	-0.76 - 5.1	1.6/09.1	66269	2002 CQ ₁₂₅	2004 09 11.0	23 17.96 -08 44.8 20.2	-0.67 - 7.9	1.1/09.5	48205
1999 TQ ₂₄₉	2004 09 10.6	23 16.75 +05 46.9 19.3	-0.78 - 3.7	3.1/14.1	66096	2004 PT ₆₉	2004 09 11.0	23 17.99 -12 38.4 18.9	-0.74 - 6.1	2.5/08.2	65968
1999 XN ₁₀	2004 09 10.6	23 16.76 +06 20.3 18.4	-0.77 - 3.2	3.2/14.2	66101	1999 CC ₄₄	2004 09 11.0	23 18.00 -13 07.9 19.1	-0.99 - 4.8	2.8/08.4	66082
1999 VE ₂₄	2004 09 10.6	23 16.78 -24 21.0 18.0	-0.87 - 2.2	7.0/04.2	66098	2004 PB ₃₉	2004 09 11.0	23 18.03 -08 27.2 18.7	-0.73 - 4.8	1.4/09.7	65956
2001 RV ₁₃₆	2004 09 10.6	23 16.80 -14 27.3 18.9	-1.04 - 5.4	4.5/07.7	66204	2003 GU ₅₄	2004 09 11.0	23 18.09 -08 30.6 21.7	-1.02 - 5.4	1.5/09.8	50188
2001 VV ₃₆	2004 09 10.6	23 16.83 -17 08.4 19.3	-1.00 - 5.2	4.8/06.7	30536	1999 TN ₁₈₉	2004 09 11.0	23 18.09 +02 29.0 18.6	-0.82 - 2.5	2.2/13.2	66095
2000 AB ₉₃	2004 09 10.6	23 16.86 +26 18.3 20.2	-1.25 - 1.2	13.3/20.5	43356	2002 CR ₂₂₀	2004 09 11.0	23 18.10 -08 32.3 18.5	-0.75 - 4.9	1.4/09.7	66270
2001 TO ₁₅₇	2004 09 10.7	23 16.77 -06 01.0 19.9	-0.92 - 6.9	0.5/10.3	66225	2000 QE ₁₄₂	2004 09 11.0	23 18.11 -12 47.9 18.0	-1.07 0.0	3.2/08.9	30371
2002 CZ ₃₁	2004 09 10.7	23 16.79 -06 00.9 19.1	-0.89 - 3.0	0.4/10.3	27459	2000 UT ₇₂	2004 09 11.0	23 18.13 +14 58.0 18.6	-0.80 - 6.3	6.7/18.2	46510
2002 AC ₂₇	2004 09 10.7	23 16.83 +04 07.6 18.5	-1.01 - 4.3	3.6/13.3	65274	2000 SW ₃₁₆	2004 09 11.0	23 18.16 +15 38.3 19.0	-1.04 - 0.4	8.0/16.9	47967
1998 QZ ₈₂	2004 09 10.7	23 16.89 +26 38.6 17.8	-0.81 - 1.9	9.0/22.0	66071	2003 HV ₂₀	2004 09 11.0	23 18.17 +07 59.1 19.7	-0.79 - 9.4	4.1/15.7	50193
2002 EA ₆₇	2004 09 10.7	23 16.98 -00 00.7 19.7	-0.71 - 7.3	1.4/12.4	30714	2002 CA ₁₅₄	2004 09 11.0	23 18.23 -05 43.8 19.7	-0.79 - 6.0	0.4/10.7	31969
2000 TG ₄₅	2004 09 10.7	23 16.98 -15 48.9 18.9	-0.82 - 8.1	3.9/06.7	30409	2003 HB ₂₈	2004 09 11.0	23 18.23 +04 38.2 20.7	-0.89 - 6.6	3.1/14.1	66312
2001 UP ₁₀₄	2004 09 10.7	23 17.02 -16 21.0 20.8	-1.04 - 4.7	4.5/07.1	46813	2001 TU ₁₇₃	2004 09 11.0	23 18.23 -09 28.9 18.9	-1.02 - 3.6	2.4/09.6	23837

1998 WW ₈	2004 09 11.0	23 18.23	-14 01.7	19.6	-0.99	- 5.4	3.3/08.1	47757	1994 VZ ₅	2004 09 11.3	23 19.13	-07 33.7	18.9	-0.80	- 4.2	1.1/10.3	28940
2000 SU ₂₀₂	2004 09 11.0	23 18.24	-07 13.3	19.6	-0.89	- 4.5	1.0/10.2	66156	2002 CO ₈₁	2004 09 11.3	23 19.14	-05 31.4	18.6	-0.81	- 4.4	0.4/11.0	66267
2000 SS ₁₇₃	2004 09 11.0	23 18.29	+14 25.7	19.2	-0.93	- 3.3	6.5/17.3	50492	2000 VT ₄₇	2004 09 11.3	23 19.17	-07 11.4	18.6	-0.76	- 6.2	1.2/10.4	47986
1995 SX ₄₅	2004 09 11.1	23 18.22	-04 24.7	19.2	-0.88	- 3.8	0.0/11.1	66054	1999 TZ ₂₃₅	2004 09 11.3	23 19.18	-16 23.0	18.9	-0.77	- 4.6	4.0/07.3	66096
2002 CT ₃₆	2004 09 11.1	23 18.22	-08 46.9	19.4	-0.80	- 7.6	1.6/09.6	48202	2000 UQ ₄₄	2004 09 11.3	23 19.19	-25 39.7	19.5	-0.96	- 2.2	7.3/04.6	66165
2001 VG ₆₀	2004 09 11.1	23 18.22	-08 11.6	19.8	-1.04	- 5.0	1.4/10.0	33498	2002 JX ₆₉	2004 09 11.3	23 19.24	-40 59.5	19.9	-0.93	- 1.3	8.5/29.3	30211
2002 CF ₁₄₉	2004 09 11.1	23 18.24	-00 10.0	20.5	-0.82	- 4.6	1.4/12.5	27527	1996 XU ₂₉	2004 09 11.3	23 19.25	-14 07.1	20.6	-0.88	- 4.8	3.3/08.2	47707
1999 TF ₃₂	2004 09 11.1	23 18.30	-13 14.3	18.4	-0.85	- 2.1	2.7/08.5	66092	2000 VV ₂₅	2004 09 11.3	23 19.25	-04 52.8	18.6	-0.84	- 4.5	0.2/11.2	66168
2002 FJ ₂₆	2004 09 11.1	23 18.34	+06 12.3	18.9	-0.79	- 3.2	3.1/14.6	66275	2002 CG ₂₃₂	2004 09 11.3	23 19.31	-20 56.8	18.4	-0.77	-10.4	6.4/04.8	66271
2000 WU ₁₆₁	2004 09 11.1	23 18.39	-36 33.6	19.3	-0.82	- 3.3	7.3/30.5	66174	2002 CY ₁₇₄	2004 09 11.3	23 19.32	-12 11.4	19.6	-0.79	- 9.1	2.4/08.5	66270
2002 CP ₆₁	2004 09 11.1	23 18.39	-08 04.3	19.5	-1.00	- 2.4	1.2/10.1	48201	2001 XP ₁₉₁	2004 09 11.4	23 19.29	+05 24.2	18.5	-0.91	- 5.1	3.2/14.5	66252
2002 CN ₂₁₀	2004 09 11.1	23 18.41	-08 10.2	19.8	-0.76	- 4.6	1.1/09.9	50593	2002 CL ₉₃	2004 09 11.4	23 19.31	-05 20.8	19.0	-0.74	- 5.1	0.3/11.1	66268
1993 FD ₅₃	2004 09 11.1	23 18.41	-12 23.5	20.2	-0.87	- 3.3	2.6/08.7	47687	2000 WF ₁₆₅	2004 09 11.4	23 19.35	-12 58.6	20.2	-0.84	- 4.3	2.8/08.6	30432
2000 SK ₁₀₂	2004 09 11.1	23 18.44	-09 21.3	18.6	-1.06	+ 0.1	2.0/09.9	66152	1999 AA ₈	2004 09 11.4	23 19.36	-14 45.4	18.7	-0.98	- 4.8	3.4/08.2	66080
2002 CA ₁₇₄	2004 09 11.1	23 18.44	-13 04.3	20.1	-0.76	- 4.5	2.5/08.3	47183	1998 YZ ₇	2004 09 11.4	23 19.37	-09 57.0	17.9	-0.78	- 9.1	2.8/09.4	66080
2002 AN ₁₀	2004 09 11.1	23 18.44	-01 55.6	18.3	-0.92	- 5.9	0.9/12.0	65270	2002 EC ₈₁	2004 09 11.4	23 19.37	-02 35.3	19.8	-0.84	- 4.3	0.6/12.0	30030
2002 AM ₁₅₈	2004 09 11.1	23 18.46	-03 54.8	19.9	-0.83	- 6.7	0.2/11.3	48192	2000 UE ₄₄	2004 09 11.4	23 19.37	-15 29.8	18.8	-0.91	- 3.9	3.5/07.9	66164
2000 QG ₁₄₃	2004 09 11.1	23 18.46	-02 35.7	18.3	-0.68	- 9.8	0.8/11.9	66138	2003 EZ ₃₁	2004 09 11.4	23 19.37	+05 42.4	19.0	-0.91	- 5.8	3.6/14.8	50751
1999 RM ₂₁₃	2004 09 11.1	23 18.52	+00 27.0	19.0	-0.79	- 3.1	2.0/12.7	40373	1997 HP ₁₃	2004 09 11.4	23 19.40	-01 55.9	19.7	-0.95	- 8.5	1.0/12.3	62219
2001 VY ₈₁	2004 09 11.1	23 18.54	+09 48.6	17.8	-0.91	- 5.4	6.6/16.0	66240	2001 AO ₈	2004 09 11.4	23 19.41	-13 26.5	18.7	-0.72	- 6.7	2.6/08.2	66181
2000 QU ₂₀₅	2004 09 11.1	23 18.56	-05 27.3	18.3	-0.58	-16.7	0.4/10.7	64783	2001 CA ₁₈	2004 09 11.4	23 19.47	-04 51.1	19.6	-0.72	- 5.3	0.1/11.3	66183
2002 CE ₁₄₈	2004 09 11.1	23 18.59	-05 22.9	19.4	-0.84	- 4.1	0.3/10.9	66269	2000 QM ₁₁₈	2004 09 11.4	23 19.49	+03 40.5	17.7	-0.80	- 8.2	3.3/14.3	66137
2000 JG ₁₉	2004 09 11.1	23 18.60	+05 13.5	17.7	-1.01	- 2.7	4.6/14.1	66124	2152 T-3	2004 09 11.4	23 19.51	+13 11.4	18.9	-0.66	- 8.6	5.8/18.4	66424
1999 KP ₃	2004 09 11.1	23 18.62	+18 05.5	20.4	-0.79	- 8.5	8.1/20.2	47783	1999 VU ₁₃₆	2004 09 11.4	23 19.53	+01 42.0	20.0	-0.70	- 4.7	1.6/13.5	66100
6236 P-L	2004 09 11.1	23 18.62	-04 54.9	18.7	-0.88	- 1.0	0.1/11.1	65983	2002 BJ ₄	2004 09 11.4	23 19.56	-19 06.2	19.2	-1.09	- 2.9	6.0/07.0	66264
2002 JE ₁₀₀	2004 09 11.2	23 18.63	+28 45.9	20.1	-0.74	- 3.9	7.5/24.0	34003	2001 XZ ₈	2004 09 11.4	23 19.62	-02 12.8	18.2	-0.98	- 4.4	0.8/12.1	30561
2831 P-L	2004 09 11.2	23 18.63	-08 24.5	18.9	-0.76	- 4.2	1.3/09.9	66422	2000 TL ₅₉	2004 09 11.4	23 19.65	-27 19.8	18.5	-0.88	- 5.7	7.8/03.1	66163
2000 UA ₂₈	2004 09 11.2	23 18.63	+04 16.9	18.0	-0.91	- 5.3	3.5/14.1	64869	2002 CF ₃₉	2004 09 11.4	23 19.70	-12 38.2	19.8	-0.86	- 9.6	3.2/08.5	30643
2003 FE ₁₁₈	2004 09 11.2	23 18.64	-15 57.4	19.2	-0.94	- 6.5	4.5/07.4	50758	2002 GV ₈₂	2004 09 11.5	23 19.67	-07 22.2	19.2	-0.68	- 6.9	0.9/10.4	31553
2001 VK ₃₅	2004 09 11.2	23 18.64	-12 13.6	18.1	-0.94	- 2.9	4.0/08.9	66237	2003 JR ₈	2004 09 11.5	23 19.71	-35 15.5	19.6	-0.86	- 2.9	8.5/31.8	66313
7642 P-L	2004 09 11.2	23 18.68	-26 03.6	18.4	-1.34	+ 5.8	10.2/06.6	9934	2001 VZ ₄₄	2004 09 11.5	23 19.74	+06 33.0	17.7	-0.79	- 8.5	5.1/15.5	66238
2000 XS ₄₁	2004 09 11.2	23 18.69	-04 19.1	18.1	-0.89	- 1.1	0.0/11.3	66178	1999 US ₁₆	2004 09 11.5	23 19.74	+11 26.9	18.8	-0.71	- 6.0	4.8/17.2	66097
2000 UX ₂₇	2004 09 11.2	23 18.72	-04 33.6	19.7	-0.92	- 3.7	0.0/11.2	29450	2002 AC ₁₈₆	2004 09 11.5	23 19.74	-09 27.2	18.6	-1.04	- 3.6	2.4/10.0	66264
2000 GE ₅₅	2004 09 11.2	23 18.77	-01 35.5	18.2	-0.92	- 8.8	1.2/12.2	66117	2002 CU ₈₈	2004 09 11.5	23 19.75	-05 35.5	17.9	-0.91	- 4.3	0.6/11.1	30655
2001 VB ₁₀₂	2004 09 11.2	23 18.78	-09 41.3	19.5	-0.98	- 4.5	1.8/09.6	33500	1995 ES ₇	2004 09 11.5	23 19.83	-06 25.0	18.3	-0.83	- 8.8	0.8/10.8	66053
2002 CH ₁₁	2004 09 11.2	23 18.79	+33 25.4	19.3	-1.28	+ 2.2	10.7/22.7	30637	2002 GO ₁₁₉	2004 09 11.5	23 19.87	-20 12.5	19.5	-0.73	- 4.9	4.4/06.0	65342
2003 FP ₁₂₁	2004 09 11.2	23 18.80	+05 09.3	18.0	-0.96	- 4.1	4.2/14.2	66310	2004 LZ ₁₇	2004 09 11.5	23 19.92	+00 43.7	17.1	-0.84	+ 0.1	2.2/13.0	65864
2002 EJ ₄₁	2004 09 11.2	23 18.81	+00 55.9	20.3	-0.78	- 5.9	1.5/13.1	66273	2000 SY ₂₈₂	2004 09 11.5	23 19.95	+06 18.1	19.2	-1.01	- 1.3	3.8/14.5	47965
2003 FC ₁₂₂	2004 09 11.2	23 18.82	-07 25.6	19.2	-0.78	-10.2	1.0/10.2	66310	1999 TU ₂₇₇	2004 09 11.5	23 20.03	+00 55.5	19.4	-0.70	- 5.1	1.4/13.4	31871
2001 FZ ₉₁	2004 09 11.2	23 18.83	-15 22.0	19.8	-0.59	- 2.4	2.1/07.6	33905	2002 AY ₁₁₆	2004 09 11.5	23 20.06	-14 52.3	19.5	-0.84	- 7.3	3.5/07.9	66262
2000 SJ ₉₉	2004 09 11.2	23 18.85	+07 52.1	18.8	-0.74	-10.7	4.5/16.1	66151	2002 AC ₄₁	2004 09 11.5	23 20.07	-03 41.4	19.8	-0.84	- 6.9	0.2/11.8	27378
1993 HW ₂	2004 09 11.2	23 18.88	-04 18.4	18.6	-0.76	- 8.2	0.0/11.3	66050	2002 AR	2004 09 11.5	23 20.09	-10 42.2	18.0	-0.93	- 6.5	2.8/09.5	66258
2000 UC ₂₈	2004 09 11.3	23 18.99	+07 01.5	19.3	-0.79	- 7.2	4.1/15.4	66164	2002 CO ₁₂₉	2004 09 11.6	23 20.03	-00 08.8	19.6	-0.83	- 4.5	1.4/12.9	66269
2004 PS ₈₂	2004 09 11.3	23 19.00	-12 47.3	18.3	-0.61	-12.9	3.1/07.8	65973	2001 XG ₂₃₉	2004 09 11.6	23 20.06	-08 59.8	18.3	-0.99	- 4.9	2.0/10.2	30590
2002 AZ ₃₂	2004 09 11.3	23 19.02	-15 54.9	19.7	-0.77	- 5.1	3.4/07.5	48186	1998 FG ₁₄	2004 09 11.6	23 20.07	+05 29.9	17.5	-0.78	-26.1	4.2/16.0	66066
2000 SK ₁₃₉	2004 09 11.3	23 19.03	-00 09.5	18.9	-0.94	- 3.3	1.7/12.6	66153	2000 JE ₂	2004 09 11.6	23 20.10	-12 27.9	17.4	-0.81	- 3.7	4.2/09.0	64731
2000 YL ₃₄	2004 09 11.3	23 19.05	+10 32.8	19.3	-0.80	- 3.0	4.3/16.0	47998	2000 JE ₁₂	2004 09 11.6	23 20.10	-16 34.7	18.5	-1.03	- 3.9	5.3/08.0	66124
2000 FX ₂₈	2004 09 11.3	23 19.05	-01 10.4	18.2	-1.09	- 3.1	1.4/12.2	66115	2000 WL ₄₇	2004 09 11.6	23 20.18	-20 46.5	18.2	-0.82	- 5.9	6.1/05.8	64882
2003 FZ ₁₂₀	2004 09 11.3	23 19.06	-03 52.6	19.1	-0.78	-10.2	0.2/11.5	66310	1998 HF ₂₉	2004 09 11.6	23 20.20	+01 24.3	18.5	-0.85	- 5.5	1.9/13.5	66068
1994 CF	2004 09 11.3	23 19.07	+06 45.0	20.1	-0.88	- 4.8	3.6/14.9	66052	2000 QB ₅₃	2004 09 11.6	23 20.22	-07 14.0	18.6	-0.85	- 4.9	1.3/10.7	66134
2001 WX ₁₇	2004 09 11.3	23 19.12	-04 24.5	19.6	-0.97	- 5.3	0.0/11.3	66243	2002 AA ₉	2004 09 11.6	23 20.25	-07 00.7	19.6	-0.80	- 6.2	1.0/10.7	66259

2002 CJ ₂₉	2004 09 11.6	23 20.27 +02 33.4 20.4	-0.93 - 2.3	2.2/13.7	30641	2002 DR ₂	2004 09 11.9	23 21.14 -37 39.4 20.5	-0.79 - 3.7	7.1/30.4	31975
2003 GC ₂₃	2004 09 11.6	23 20.28 -17 08.0 20.1	-0.96 - 1.9	4.2/08.0	47522	2001 TG ₁₉₁	2004 09 11.9	23 21.15 -13 23.4 18.2	-1.06 - 2.7	3.6/09.3	66226
2000 SA ₈₆	2004 09 11.6	23 20.33 -00 27.7 18.4	-0.78 -11.4	1.4/13.1	66151	2001 TW ₇₉	2004 09 11.9	23 21.18 +03 21.6 19.6	-0.90 - 8.0	2.8/14.5	46735
2002 BD ₃₀	2004 09 11.6	23 20.35 -20 29.2 19.0	-0.78 - 4.7	4.7/06.1	31965	1999 GK ₆₃	2004 09 11.9	23 21.18 -07 02.9 20.1	-0.96 - 4.3	1.0/11.1	66084
2002 CK ₁₅₆	2004 09 11.6	23 20.36 -09 04.4 18.6	-0.93 - 4.0	2.2/10.2	66269	2003 FH ₁₅	2004 09 11.9	23 21.27 +00 42.3 20.5	-0.91 - 7.6	1.8/13.6	47401
2003 FB ₇₅	2004 09 11.6	23 20.39 -21 47.2 19.0	-0.90 - 3.0	6.1/06.2	66309	2000 HY ₂₉	2004 09 11.9	23 21.29 -12 21.3 18.8	-1.11 - 3.0	3.3/09.7	66121
2002 CJ ₁₆₂	2004 09 11.6	23 20.42 -12 29.8 19.0	-0.81 - 5.2	2.7/09.0	66269	1999 FE ₆₃	2004 09 11.9	23 21.34 -13 10.2 20.0	-0.89 - 6.7	3.0/08.9	47775
2001 WK	2004 09 11.6	23 20.44 -03 17.8 20.4	-1.02 - 4.7	0.4/12.0	50575	2001 TE ₃₄	2004 09 11.9	23 21.37 +06 47.4 18.2	-0.96 - 5.1	4.2/15.4	30474
2002 AT ₁₁₆	2004 09 11.6	23 20.45 -04 51.7 20.3	-0.91 - 6.0	0.2/11.5	27809	2000 UQ ₁₁₂	2004 09 11.9	23 21.41 -01 43.1 18.2	-0.78 - 4.6	1.1/12.8	66167
2002 BE ₅	2004 09 11.7	23 20.36 -28 57.9 19.7	-0.96 - 4.3	7.9/03.1	30630	1999 TJ ₇₅	2004 09 11.9	23 21.44 -09 02.4 18.5	-0.77 - 5.0	1.7/10.3	66093
2001 YH ₇₅	2004 09 11.7	23 20.43 -13 26.3 21.1	-0.96 - 5.9	3.4/08.7	30597	2002 CR ₉₇	2004 09 11.9	23 21.46 -08 19.3 20.3	-0.86 - 6.2	1.4/10.6	53699
2003 JR ₁₀	2004 09 11.7	23 20.47 -10 30.0 19.6	-0.94 - 7.5	2.3/09.6	62445	2001 UH ₁₄₉	2004 09 11.9	23 21.46 -13 22.1 19.5	-0.94 - 5.2	3.0/09.1	48143
2000 WW ₄₈	2004 09 11.7	23 20.50 -28 26.6 18.6	-0.79 - 6.5	6.8/02.4	66171	2002 GU ₃₃	2004 09 11.9	23 21.51 -17 17.2 18.8	-0.83 - 2.8	4.0/07.9	66276
2002 AB ₁₃₁	2004 09 11.7	23 20.51 -34 16.2 18.9	-0.85 - 8.1	9.8/30.5	49961	1999 UF ₄₄	2004 09 12.0	23 21.44 -30 10.8 18.2	-0.97 + 0.3	7.6/04.2	66098
2000 WC ₁₄₉	2004 09 11.7	23 20.51 -05 53.4 18.2	-0.73 -10.9	0.6/11.1	64888	1999 VB ₆₀	2004 09 12.0	23 21.44 +06 36.1 18.9	-0.71 - 6.2	3.5/15.8	47820
2003 EX ₄₃	2004 09 11.7	23 20.54 -06 07.5 19.7	-0.86 - 9.0	0.7/11.1	66307	2000 SD ₂₀₆	2004 09 12.0	23 21.45 -18 26.9 19.5	-1.01 - 1.9	4.8/07.8	66156
2000 VJ ₆	2004 09 11.7	23 20.55 -11 14.0 18.7	-0.87 - 3.9	2.7/09.6	66167	2000 SL ₆₁	2004 09 12.0	23 21.48 -07 05.7 19.6	-0.76 - 8.2	1.2/11.0	47945
2000 RJ ₈₃	2004 09 11.7	23 20.56 +10 38.6 19.3	-0.99 - 1.7	5.5/16.0	47937	2000 WX ₁₁₁	2004 09 12.0	23 21.50 +03 25.5 18.5	-0.85 - 3.4	2.9/14.4	64885
2001 XA ₂₄	2004 09 11.7	23 20.57 -06 24.9 17.1	-0.91 - 1.8	1.1/11.1	65188	1991 GZ ₁₀	2004 09 12.0	23 21.53 -16 46.3 20.2	-0.78 - 2.7	3.2/08.0	28928
2000 QO ₉₈	2004 09 11.7	23 20.57 -09 16.1 17.3	-0.64 -15.2	2.1/09.6	66136	2002 CE ₂₁₂	2004 09 12.0	23 21.54 +00 14.0 20.4	-0.88 - 3.6	1.6/13.4	62387
2000 RR ₁₀₃	2004 09 11.7	23 20.61 +07 26.5 17.6	-0.96 - 2.3	4.0/15.2	66147	2002 CB ₁₁₃	2004 09 12.0	23 21.54 +02 29.3 19.0	-0.99 0.0	2.7/13.8	66268
2001 UB ₁₅₆	2004 09 11.7	23 20.62 +00 42.8 19.6	-0.91 - 7.3	1.9/13.4	65121	1999 UH ₄₉	2004 09 12.0	23 21.55 -03 55.9 19.0	-0.80 - 3.5	0.1/12.1	66098
2002 CK ₁₇₄	2004 09 11.7	23 20.64 -13 16.4 20.2	-0.76 - 3.8	2.4/08.8	48208	2001 SO ₂₄₈	2004 09 12.0	23 21.56 -12 45.6 20.0	-1.07 - 3.7	3.2/09.5	46673
2001 XR ₈₄	2004 09 11.7	23 20.68 -11 20.9 18.8	-0.85 - 9.1	3.3/09.2	66249	2000 QQ ₉₁	2004 09 12.0	23 21.60 +02 16.8 18.9	-0.97 - 0.4	3.0/13.8	64765
2002 BR ₂₄	2004 09 11.7	23 20.68 -31 45.6 19.5	-0.96 - 7.2	11.0/31.6	66265	2004 LE ₃₀	2004 09 12.0	23 21.65 +00 18.9 16.9	-0.59 -13.9	1.8/13.9	65870
1999 CK ₈₉	2004 09 11.7	23 20.72 +00 31.8 19.0	-1.07 - 3.0	2.0/13.1	25729	2002 CT ₂₀₅	2004 09 12.0	23 21.66 -07 30.8 22.0	-0.83 - 6.9	1.1/10.9	30681
1997 NV ₅	2004 09 11.7	23 20.72 +03 47.3 18.2	-0.89 - 3.3	4.1/14.2	66061	1994 AP ₁₀	2004 09 12.0	23 21.71 -17 51.1 19.3	-0.68 - 5.2	3.6/07.1	62212
2003 FT ₁₂₇	2004 09 11.8	23 20.72 -03 01.3 19.5	-0.91 - 6.0	0.4/12.2	66310	2001 BK ₄₅	2004 09 12.0	23 21.72 +25 41.7 19.0	-0.93 + 0.2	7.8/21.3	49890
2000 UJ ₃₆	2004 09 11.8	23 20.74 -04 20.3 18.7	-0.86 - 4.4	0.0/11.8	47977	2001 YL ₁₂₈	2004 09 12.0	23 21.75 -20 11.9 17.8	-0.98 - 1.9	7.4/07.3	66258
2000 SU ₃₅	2004 09 11.8	23 20.75 -03 39.1 18.8	-0.85 - 6.5	0.2/12.0	66149	2002 BN ₂₇	2004 09 12.0	23 21.81 -09 16.9 20.9	-0.89 - 4.4	1.5/10.5	29765
2001 XC ₂₆₀	2004 09 11.8	23 20.76 -08 52.9 18.5	-1.01 - 2.4	2.0/10.5	65240	1988 VW ₂	2004 09 12.0	23 21.81 +00 43.7 17.9	-0.87 - 5.5	2.2/13.6	66048
2000 SB ₂₇₂	2004 09 11.8	23 20.77 +20 29.9 18.2	-0.93 - 2.7	10.4/20.5	66158	1999 TE ₂₀	2004 09 12.0	23 21.83 +00 14.6 18.7	-0.67 - 8.7	1.4/13.7	66092
2002 EN ₇₃	2004 09 11.8	23 20.77 -03 12.6 18.9	-0.76 - 4.6	0.3/12.1	31979	2001 ST ₆₉	2004 09 12.1	23 21.81 -08 27.8 17.9	-0.87 -10.1	1.8/10.5	66208
2000 QG ₂₀₅	2004 09 11.8	23 20.77 -01 39.2 18.0	-0.84 - 6.7	0.9/12.7	66140	1999 TZ ₃₂	2004 09 12.1	23 21.82 -01 14.0 18.6	-0.75 - 4.8	0.9/13.1	66092
2001 UP ₂₂₀	2004 09 11.8	23 20.80 -01 53.8 20.1	-0.99 - 5.4	0.9/12.5	35120	2000 SA ₁₉₃	2004 09 12.1	23 21.83 +01 14.1 19.0	-0.76 - 9.0	1.7/14.1	66156
2256 T-1	2004 09 11.8	23 20.81 -13 45.2 18.5	-1.13 - 2.5	3.9/09.1	34058	1999 TO ₃₁	2004 09 12.1	23 21.87 -04 35.3 18.0	-0.76 - 3.8	0.1/12.0	66092
2004 LY ₈	2004 09 11.8	23 20.87 +03 31.3 17.1	-0.81 - 2.0	4.2/14.2	65855	2001 AC ₃₁	2004 09 12.1	23 21.87 +20 25.3 17.4	-0.92 + 1.4	11.1/19.2	64901
1999 TK ₂₈₂	2004 09 11.8	23 20.88 -05 02.4 18.4	-0.75 - 5.3	0.3/11.6	66097	2001 XF ₁₃₃	2004 09 12.1	23 21.96 -05 40.1 20.7	-0.91 - 6.7	0.5/11.6	27788
2003 GU ₁₄	2004 09 11.8	23 20.89 -25 47.9 19.6	-0.82 - 7.3	7.2/03.9	66311	1994 RO ₂₉	2004 09 12.1	23 22.00 -04 38.0 19.0	-0.76 - 5.8	0.2/12.0	66053
2000 TJ ₅₁	2004 09 11.8	23 20.89 -18 13.8 18.5	-0.79 - 7.3	5.1/06.8	66163	2003 FK ₆₈	2004 09 12.1	23 22.05 -20 30.6 20.1	-1.06 - 0.5	6.0/07.7	47439
2000 SC ₉₈	2004 09 11.8	23 20.93 +01 43.5 18.2	-0.79 - 6.1	2.6/13.9	64826	1997 TV ₂₂	2004 09 12.1	23 22.05 -09 16.1 18.6	-1.03 - 3.4	2.0/10.6	66062
2001 BQ ₆₅	2004 09 11.8	23 20.97 +11 23.1 18.9	-0.75 - 3.2	4.2/17.0	66182	2002 CV ₅₁	2004 09 12.1	23 22.14 -00 09.1 19.0	-0.84 - 2.2	1.2/13.4	66266
1998 FJ ₂	2004 09 11.8	23 20.98 -14 31.5 19.3	-1.25 + 1.2	3.4/09.4	30262	2003 FR ₁	2004 09 12.1	23 22.16 -36 06.3 19.0	-0.91 - 9.4	10.4/30.4	66307
2000 OM ₄₆	2004 09 11.8	23 20.99 -11 41.0 17.4	-0.70 -13.9	3.0/08.8	66131	2001 TU ₁₀	2004 09 12.1	23 22.17 -05 44.9 19.3	-1.03 - 4.8	0.7/11.7	46698
1999 JW ₉₀	2004 09 11.8	23 20.99 +07 31.5 19.6	-0.79 - 9.5	3.9/16.3	50410	1996 GS ₄	2004 09 12.1	23 22.19 -18 54.8 18.0	-0.94 - 3.1	7.3/07.5	66057
2000 HG ₈₇	2004 09 11.8	23 21.01 -09 33.8 18.9	-0.89 - 7.9	2.4/10.1	66123	2002 CC ₂₃₉	2004 09 12.1	23 22.22 -01 01.9 22.4	-0.69 - 5.2	0.7/13.2	48211
2000 TH ₄₅	2004 09 11.8	23 21.04 -25 10.0 18.4	-0.99 - 2.9	7.0/05.1	66163	2000 SK ₂₃₅	2004 09 12.2	23 22.19 -06 36.7 19.7	-0.86 - 6.0	1.0/11.4	66157
2001 WX ₂₅	2004 09 11.8	23 21.12 -16 54.6 20.1	-1.00 - 4.9	4.8/07.9	46931	2000 SY ₂₄₅	2004 09 12.2	23 22.20 -19 18.3 18.3	-1.14 + 0.4	6.2/08.1	66157
2000 XK ₂₀	2004 09 11.9	23 21.12 +01 02.0 20.0	-1.01 - 2.2	2.1/13.4	18306	1999 VS ₃₂	2004 09 12.2	23 22.22 -03 45.6 19.8	-0.73 - 4.7	0.1/12.3	66099
1996 VC ₁₃	2004 09 11.9	23 21.12 -10 30.0 20.5	-0.88 - 4.7	2.1/09.9	66058	1999 TJ ₅₅	2004 09 12.2	23 22.25 +09 18.0 19.0	-0.67 - 8.8	4.3/17.4	66092
2002 CQ ₁₂₁	2004 09 11.9	23 21.13 +08 34.9 18.5	-0.88 - 3.1	4.7/16.0	66268	2000 RK ₁₀₃	2004 09 12.2	23 22.30 +15 06.0 17.4	-0.66 -10.3	8.2/20.3	64807

2001 YW ₈₂	2004 09 12.2	23 22.37 +02 02.4 18.0	-0.95 - 1.7	3.0/14.0	65255	2003 CS ₂₀	2004 09 12.5	23 23.37 +03 16.8 23.8	-0.78 - 7.0	1.9/15.1	48327
1994 UD ₈	2004 09 12.2	23 22.41 -09 37.1 18.3	-1.03 - 2.3	2.7/10.7	66053	2003 FL ₁₀₂	2004 09 12.5	23 23.42 -04 59.6 20.1	-0.95 - 5.3	0.4/12.2	48357
2000 SA ₄₆	2004 09 12.2	23 22.46 +20 47.8 18.0	-0.95 - 1.7	9.8/20.4	64817	2001 FE ₄₁	2004 09 12.5	23 23.43 -13 25.9 17.8	-1.06 + 0.9	3.0/10.1	66184
2001 VE ₄₉	2004 09 12.2	23 22.48 -27 27.8 19.8	-1.00 - 4.9	7.7/04.2	30540	1999 VM ₃₈	2004 09 12.5	23 23.44 -06 21.1 18.4	-0.77 - 4.3	0.9/11.8	66099
1999 CA ₅₄	2004 09 12.2	23 22.51 -06 50.8 20.0	-0.96 - 5.3	1.0/11.4	33798	2000 YV ₇	2004 09 12.5	23 23.50 +07 47.4 19.4	-0.79 - 2.2	3.0/16.3	30438
1999 RJ ₂₀₇	2004 09 12.2	23 22.52 +11 03.1 18.4	-0.76 - 4.7	4.8/17.5	66091	2000 OK ₆₉	2004 09 12.5	23 23.51 -06 04.9 18.4	-0.71 - 7.4	1.0/11.8	66131
2001 XF ₁₀₅	2004 09 12.2	23 22.55 -07 55.7 19.2	-0.91 - 3.6	1.3/11.1	48166	2002 ED ₄₅	2004 09 12.5	23 23.51 -01 35.4 19.4	-0.76 - 3.7	0.7/13.3	30708
2001 SF ₁₆₈	2004 09 12.3	23 22.53 -12 29.0 19.0	-1.03 - 2.2	4.2/09.9	25979	2003 FF ₁₀₇	2004 09 12.5	23 23.55 +00 49.2 19.9	-0.79 - 9.7	1.6/14.3	47480
2001 UV ₅₃	2004 09 12.3	23 22.53 -20 11.1 18.8	-1.05 - 3.2	6.6/07.5	66230	2000 JB ₂₀	2004 09 12.5	23 23.56 +00 04.9 20.6	-1.02 - 6.0	1.5/13.8	40106
2002 CB ₁₅	2004 09 12.3	23 22.56 -04 45.9 18.5	-0.88 - 7.5	0.3/12.1	30638	2000 SQ ₃₁₅	2004 09 12.5	23 23.60 +15 14.4 19.5	-0.94 - 3.7	6.2/18.9	47967
1999 TX ₁₇₇	2004 09 12.3	23 22.62 -01 23.9 18.5	-0.71 - 6.2	0.9/13.2	66095	2000 SB ₇₅	2004 09 12.6	23 23.61 -13 10.5 18.1	-0.89 - 4.6	3.4/09.6	66150
2003 DO ₁₈	2004 09 12.3	23 22.68 -01 22.6 20.1	-0.94 - 6.5	1.0/13.2	50747	2000 SN ₂₂	2004 09 12.6	23 23.62 +03 53.8 17.6	-0.88 - 3.8	3.4/15.1	66148
1997 WY ₅₄	2004 09 12.3	23 22.72 -07 23.0 19.1	-0.88 - 6.7	1.5/11.2	47720	2000 SG ₂₂₅	2004 09 12.6	23 23.62 -03 23.9 19.9	-0.85 - 6.5	0.2/12.8	33884
2000 WZ ₁₃₆	2004 09 12.3	23 22.74 -16 27.4 19.8	-0.83 - 4.8	4.1/08.2	66173	2000 JP ₂	2004 09 12.6	23 23.64 -14 38.9 17.4	-0.73 - 9.2	5.2/08.6	64731
2002 AJ ₈₇	2004 09 12.3	23 22.75 -14 40.5 18.7	-0.77 -10.2	4.0/08.3	65282	2002 CM ₂₃₇	2004 09 12.6	23 23.66 -06 18.9 19.9	-0.78 - 5.2	0.7/11.8	31971
2002 CX ₁₇₀	2004 09 12.3	23 22.76 -09 42.2 18.7	-0.89 - 0.6	1.7/10.8	65320	2002 CB ₁₆₇	2004 09 12.6	23 23.67 -01 03.4 20.8	-1.00 - 2.4	0.9/13.4	48208
2001 VA ₁₄	2004 09 12.3	23 22.76 +09 18.4 18.9	-0.97 - 5.0	5.1/16.6	33496	2002 AW ₁₀₆	2004 09 12.6	23 23.76 -10 30.7 18.9	-0.92 - 6.4	2.8/10.4	66261
2003 HV ₄₀	2004 09 12.3	23 22.78 +01 24.4 18.4	-0.79 - 5.5	2.0/14.2	61718	2002 CG ₁₀₄	2004 09 12.6	23 23.80 -06 39.9 20.4	-0.72 - 4.9	0.8/11.7	29816
2001 XQ ₁₁₀	2004 09 12.3	23 22.79 -16 56.0 19.1	-0.98 - 5.7	5.0/08.2	47012	2001 XF ₁₆₉	2004 09 12.6	23 23.86 -12 47.2 21.4	-0.98 - 6.8	3.2/09.7	26083
2003 JP ₁₆	2004 09 12.3	23 22.80 -42 34.6 20.0	-0.86 - 4.1	10.3/28.3	50207	2000 RM ₂₈	2004 09 12.6	23 23.88 -00 09.6 17.9	-0.84 - 2.0	1.8/13.8	64793
2002 CD ₂₁₈	2004 09 12.3	23 22.83 -06 09.8 19.6	-0.73 - 4.3	0.6/11.7	48210	1999 LL ₈	2004 09 12.6	23 23.88 -06 59.0 19.5	-0.82 - 7.2	1.1/11.6	66086
2002 CO ₂₇	2004 09 12.4	23 22.89 -05 46.2 19.5	-0.97 - 5.0	0.6/11.9	30641	2001 AB ₃₂	2004 09 12.6	23 23.90 +06 03.1 19.0	-0.80 - 3.2	3.0/15.8	30446
1999 EO ₁₁	2004 09 12.4	23 22.89 -05 58.6 18.4	-0.91 - 4.7	0.9/11.8	66083	2000 TR ₅₀	2004 09 12.6	23 23.91 -19 59.9 18.9	-0.89 - 5.8	7.2/06.9	64864
2002 FJ ₂₈	2004 09 12.4	23 22.90 -21 21.3 19.1	-0.79 - 4.5	5.2/06.5	66275	2002 ET ₁₃	2004 09 12.6	23 23.97 +05 53.0 20.5	-0.76 - 6.4	2.9/16.1	48216
2003 HJ ₅₂	2004 09 12.4	23 22.92 -18 16.1 18.2	-0.71 - 5.8	5.1/07.3	66313	1998 FA ₁₀	2004 09 12.6	23 23.98 -06 36.9 17.8	-1.03 - 0.5	0.9/12.0	66066
2002 CN ₂₀₄	2004 09 12.4	23 22.93 -05 54.0 19.8	-0.75 - 4.3	0.6/11.8	29861	2000 ST ₁₁₂	2004 09 12.6	23 24.00 -17 57.6 18.5	-1.07 0.0	5.4/08.9	66152
2000 UE ₁₇	2004 09 12.4	23 22.95 -21 44.9 18.3	-0.79 - 2.6	8.9/06.2	64867	2000 VO ₅₁	2004 09 12.6	23 24.01 -11 55.1 19.5	-0.79 - 6.5	2.5/09.9	30422
2002 CA ₂₀₄	2004 09 12.4	23 22.96 +00 27.1 20.0	-0.94 - 1.8	1.5/13.7	33963	2000 HO ₃₁	2004 09 12.7	23 23.96 -07 38.2 17.3	-0.91 - 2.9	1.9/11.6	66121
2004 PP ₄₅	2004 09 12.4	23 22.96 -13 35.8 18.0	-0.84 - 5.4	4.1/09.2	65959	2000 RG ₅₁	2004 09 12.7	23 23.96 +00 21.6 17.0	-0.52 - 6.8	2.2/14.3	64797
1999 XS ₁₂₇	2004 09 12.4	23 23.02 -36 04.3 18.4	-0.90 -19.0	13.7/27.8	66102	1999 CX ₇₃	2004 09 12.7	23 23.97 -04 11.7 19.8	-0.90 - 8.3	0.1/12.6	50403
2001 XY ₇₉	2004 09 12.4	23 23.04 -06 42.3 19.6	-0.98 - 5.1	1.0/11.6	48164	2002 CG ₈₈	2004 09 12.7	23 24.01 +00 13.3 19.1	-0.86 - 3.2	1.4/14.0	30655
2000 SO ₄₄	2004 09 12.4	23 23.06 -24 49.4 19.3	-1.98 + 8.1	10.3/08.7	30388	2003 HN ₄₀	2004 09 12.7	23 24.03 +12 05.3 18.5	-0.73 - 7.1	5.4/18.7	50196
2001 TM ₁₂₇	2004 09 12.4	23 23.09 -03 11.2 19.4	-0.96 - 6.9	0.4/12.7	48123	2003 EU ₄₈	2004 09 12.7	23 24.07 -08 55.6 20.4	-0.95 - 5.3	1.8/11.1	47376
2001 XS ₈₅	2004 09 12.4	23 23.11 -07 10.0 19.7	-0.93 - 7.3	1.3/11.4	26073	2002 AE ₄₀	2004 09 12.7	23 24.14 -05 08.8 19.9	-0.85 - 6.8	0.5/12.3	47130
2000 QF ₈₀	2004 09 12.4	23 23.11 -00 13.6 17.6	-0.88 - 2.9	1.7/13.6	66135	2000 YQ ₆₅	2004 09 12.7	23 24.15 -19 43.2 18.7	-0.75 - 5.1	4.4/07.2	66179
2002 EZ ₁₃₈	2004 09 12.4	23 23.13 -08 06.3 19.2	-0.79 - 4.5	1.3/11.1	31985	1999 TF ₇	2004 09 12.7	23 24.21 -10 10.0 18.5	-0.78 - 4.1	2.2/10.7	66092
2000 XA ₄	2004 09 12.4	23 23.14 -16 44.4 18.0	-1.01 + 0.2	4.8/09.1	66175	2000 UF ₂₀	2004 09 12.7	23 24.22 +01 32.4 20.5	-0.80 - 6.7	1.7/14.6	30412
2002 HE ₁₁	2004 09 12.4	23 23.15 -23 54.6 18.9	-0.86 - 6.2	5.9/05.2	30170	2001 EU ₁₂	2004 09 12.7	23 24.23 -33 59.3 19.2	-0.94 - 0.9	7.3/02.8	66184
2000 UR ₉₈	2004 09 12.4	23 23.16 +08 04.3 20.4	-0.85 - 4.9	4.6/16.0	14915	2002 AD ₆₂	2004 09 12.7	23 24.28 -02 56.2 19.3	-0.92 - 5.9	0.4/13.1	50586
1999 TB ₂₆₉	2004 09 12.4	23 23.18 +14 03.9 19.1	-0.78 - 4.1	5.8/18.6	23509	2001 XP ₁₄	2004 09 12.7	23 24.28 +02 48.2 18.4	-1.01 - 1.6	3.2/14.6	65183
2000 VF ₇	2004 09 12.4	23 23.27 -13 21.8 19.1	-0.88 - 4.0	2.8/09.5	31920	1999 XY ₄₆	2004 09 12.7	23 24.30 +01 24.8 18.7	-0.72 - 4.5	1.5/14.5	66101
2000 QC ₂₁₉	2004 09 12.4	23 23.27 -02 14.9 18.1	-0.79 - 4.2	0.8/13.0	66141	2000 RZ ₄	2004 09 12.7	23 24.33 -10 42.3 17.8	-0.96 - 2.4	2.4/10.8	66142
2001 VT ₁₅	2004 09 12.4	23 23.32 -60 24.8 18.1	-1.65 + 2.4	22.9/27.0	48147	2001 AM ₈	2004 09 12.7	23 24.34 +12 41.6 18.3	-0.76 - 4.2	4.7/18.4	30444
1999 TJ ₇₀	2004 09 12.5	23 23.25 -04 26.5 19.8	-0.74 - 4.5	0.1/12.3	62245	2003 AM ₈₀	2004 09 12.7	23 24.43 +13 47.6 19.1	-1.53 + 3.8	8.7/16.4	65425
1999 YJ ₆	2004 09 12.5	23 23.25 +30 01.0 18.0	-1.54 + 7.3	17.7/19.4	66104	2000 SH ₂₈₈	2004 09 12.8	23 24.33 +07 45.9 17.8	-0.98 0.0	5.0/15.9	64850
1999 TR ₁₂₅	2004 09 12.5	23 23.26 -01 23.4 18.7	-0.82 - 3.0	0.8/13.3	19458	2002 AW ₁₉₀	2004 09 12.8	23 24.34 -17 34.7 18.8	-0.66 - 7.0	3.5/07.7	66264
2000 SB ₂₆₅	2004 09 12.5	23 23.29 -11 09.4 18.8	-0.94 - 4.9	2.7/10.2	66158	2002 BY ₆	2004 09 12.8	23 24.35 -03 10.3 19.5	-0.94 - 3.0	0.2/13.0	62386
1999 FE ₂	2004 09 12.5	23 23.32 -03 38.4 18.8	-0.89 - 7.6	0.1/12.6	66083	1999 TN ₂₇	2004 09 12.8	23 24.39 +01 54.0 18.8	-0.72 - 5.3	1.7/14.8	50423
2001 VQ ₁₃	2004 09 12.5	23 23.33 -11 41.9 18.8	-1.08 - 0.8	3.8/10.5	66236	2000 QB ₄₇	2004 09 12.8	23 24.46 -01 00.7 17.6	-0.91 + 2.8	1.6/13.5	64759
2000 UQ	2004 09 12.5	23 23.36 -11 10.3 18.6	-0.86 - 3.8	2.7/10.3	66163	1999 VS ₁₅₅	2004 09 12.8	23 24.49 -04 51.3 20.4	-0.72 - 4.4	0.3/12.5	47824
2000 TY ₃	2004 09 12.5	23 23.36 -05 05.5 19.5	-0.92 - 3.8	0.4/12.2	47970	2001 VS ₄₆	2004 09 12.8	23 24.53 +05 32.1 18.0	-0.90 - 6.0	4.3/15.9	65143

2001 DO ₄₆	2004 09 12.8	23 24.54 -15 29.3 17.4	-0.60 -11.7	4.3/08.0	64906	2001 VS ₂₉	2004 09 13.1	23 25.57 -24 19.2 20.4	-1.00 - 3.6	6.8/06.6	48148
2002 EZ ₇₃	2004 09 12.8	23 24.56 -01 50.7 20.0	-0.73 - 5.1	0.6/13.5	48220	1997 BO ₆	2004 09 13.1	23 25.59 -09 44.1 19.7	-0.80 - 5.3	1.8/11.1	30253
2000 SF ₂₈	2004 09 12.8	23 24.60 +11 25.0 18.3	-0.88 - 3.4	6.3/17.8	66148	2001 XG ₉₉	2004 09 13.1	23 25.62 -09 50.8 18.4	-0.95 - 6.7	2.4/11.1	65207
2001 VM ₅₂	2004 09 12.8	23 24.62 -11 02.6 18.9	-1.09 - 2.8	3.0/10.8	65144	2002 CT ₁₂₀	2004 09 13.1	23 25.63 -01 01.8 19.6	-0.78 - 5.8	0.8/14.1	30663
2000 WY ₈₀	2004 09 12.8	23 24.65 -07 50.8 18.0	-0.88 - 3.8	1.6/11.6	66172	2000 WV ₁₆₀	2004 09 13.1	23 25.69 -14 47.0 19.5	-0.70 - 5.4	2.7/09.3	31927
2002 GW ₄	2004 09 12.8	23 24.72 -32 53.1 19.7	-0.93 - 5.1	9.0/01.8	48226	2003 FM ₇₇	2004 09 13.1	23 25.72 -01 34.0 19.6	-1.04 - 3.4	0.9/13.8	50756
2002 AY ₁₂₄	2004 09 12.8	23 24.74 +05 27.4 19.1	-0.95 0.0	2.6/15.4	31963	2000 WF ₁₄₁	2004 09 13.1	23 25.72 -27 01.8 19.8	-0.84 - 2.5	5.8/05.3	66173
2001 WD ₅₆	2004 09 12.8	23 24.75 -02 50.3 20.4	-0.90 - 5.6	0.3/13.2	46949	1998 FV ₃₉	2004 09 13.1	23 25.74 +00 39.4 20.9	-0.81 - 5.8	1.3/14.6	47726
2000 WY ₁₄₁	2004 09 12.9	23 24.70 -21 15.0 18.7	-0.82 - 7.9	6.2/06.3	66173	2000 SV ₂₆₄	2004 09 13.1	23 25.82 -05 46.6 19.1	-0.84 - 6.7	0.7/12.5	30402
1999 FL ₁	2004 09 12.9	23 24.71 -00 42.7 19.2	-1.05 - 2.6	1.2/13.8	66083	1999 UG ₂₇	2004 09 13.2	23 25.75 -07 58.7 20.1	-0.92 - 1.0	1.5/12.0	33123
2001 XZ ₁₆₆	2004 09 12.9	23 24.72 -08 58.3 19.1	-0.96 - 6.7	2.0/11.2	30581	2002 CC ₃₀	2004 09 13.2	23 25.84 -17 46.4 19.7	-0.78 - 4.6	4.1/08.5	66266
2002 GF ₁₀₂	2004 09 12.9	23 24.74 +04 31.7 18.7	-0.65 - 9.7	2.2/16.1	31574	2000 JW ₇₅	2004 09 13.2	23 25.89 -05 56.8 19.0	-0.93 - 8.7	0.9/12.5	43368
2004 NJ ₇	2004 09 12.9	23 24.75 +04 53.8 18.2	-0.97 - 8.6	4.0/16.0	66390	2000 SM ₂₅₉	2004 09 13.2	23 25.92 -28 31.2 20.3	-1.17 - 0.1	7.8/05.9	33270
2001 VD ₁₂	2004 09 12.9	23 24.76 -08 23.8 17.8	-1.13 + 0.5	2.3/11.8	65132	2002 CO ₁₇₄	2004 09 13.2	23 25.93 -11 59.5 19.0	-0.69 - 6.9	2.3/10.2	66270
2001 TM ₂₁₈	2004 09 12.9	23 24.78 -13 16.5 18.5	-0.95 - 6.6	3.5/09.8	66227	1998 BX ₃₆	2004 09 13.2	23 25.93 +11 12.8 18.4	-0.98 + 0.1	7.3/17.3	66065
2000 AH ₄₁	2004 09 12.9	23 24.81 -24 34.6 17.6	-0.72 - 5.5	6.7/05.0	66105	4785 P-L	2004 09 13.2	23 25.99 -03 50.5 19.7	-0.74 - 5.2	0.1/13.2	53871
2000 YM ₇₈	2004 09 12.9	23 24.82 -21 51.9 18.3	-0.81 - 4.2	5.7/06.8	66180	2001 XB ₂₂₅	2004 09 13.2	23 26.00 +06 36.0 18.7	-0.96 - 4.9	4.0/16.5	30586
2003 GV ₂₃	2004 09 12.9	23 24.85 +21 21.1 18.0	-1.42 + 4.4	10.6/18.7	65487	2003 EQ ₅₃	2004 09 13.2	23 26.03 -27 32.7 19.3	-0.97 - 2.2	8.6/05.8	66307
2001 VD ₈₄	2004 09 12.9	23 24.88 +01 40.4 19.6	-0.80 - 9.4	2.5/14.9	46904	1999 GO ₁₈	2004 09 13.2	23 26.03 -12 24.7 18.9	-0.88 - 6.9	2.8/10.3	66084
2002 CP ₈₈	2004 09 12.9	23 24.89 -13 29.0 19.1	-0.76 - 8.3	3.4/09.4	65313	2001 XN ₁₉₅	2004 09 13.2	23 26.10 -21 39.7 21.0	-0.83 - 6.5	5.3/06.9	27790
2002 CG ₈₅	2004 09 12.9	23 24.89 -08 21.8 19.3	-0.84 - 4.2	1.6/11.5	66267	2001 SN ₉₅	2004 09 13.2	23 26.11 -02 07.2 19.0	-1.09 - 2.8	0.8/13.7	66209
2000 SC ₁₄₁	2004 09 12.9	23 24.91 +07 14.5 18.8	-0.81 - 6.9	4.0/16.8	50491	2001 SU ₂₆₆	2004 09 13.2	23 26.18 -15 27.1 19.1	-1.05 - 4.5	4.9/09.7	66215
2003 GC ₂₉	2004 09 12.9	23 24.93 -03 52.2 18.7	-0.85 - 8.1	0.0/12.9	50760	2003 AY ₇	2004 09 13.2	23 26.24 +35 09.5 18.1	-1.60 + 7.2	20.0/23.2	66300
2001 VH ₃₂	2004 09 12.9	23 24.96 -07 29.8 19.1	-0.96 - 5.1	1.3/11.8	33944	2001 VP ₃₃	2004 09 13.3	23 26.12 -00 12.1 18.8	-0.83 - 7.7	1.7/14.5	65138
2000 YU ₂₃	2004 09 12.9	23 25.00 +01 57.9 20.2	-0.74 - 4.3	1.6/14.9	31370	2002 AA ₉₅	2004 09 13.3	23 26.13 -13 59.1 20.2	-0.83 - 5.1	3.4/09.9	47142
1999 RP ₂₀₄	2004 09 12.9	23 25.05 +12 54.7 17.8	-0.76 - 4.9	5.9/18.9	66091	1999 UK ₄₉	2004 09 13.3	23 26.15 +10 12.8 19.3	-0.71 - 5.2	3.9/18.2	66098
1997 EJ ₃₂	2004 09 12.9	23 25.05 -04 55.9 20.2	-0.81 - 3.9	0.4/12.6	31222	2002 AH ₁₈₀	2004 09 13.3	23 26.15 +02 13.4 19.5	-0.87 - 4.9	2.1/15.2	50588
2000 TV ₁₂	2004 09 12.9	23 25.07 +04 01.0 18.5	-0.81 - 6.0	3.3/16.0	66162	1992 EB ₃₁	2004 09 13.3	23 26.16 -01 14.0 20.5	-0.92 - 6.0	0.8/14.1	66050
2000 YC ₁₃₀	2004 09 12.9	23 25.10 -09 00.0 18.8	-0.77 - 5.3	1.7/11.2	66180	2000 UH ₉₈	2004 09 13.3	23 26.17 -03 07.4 18.1	-0.88 - 3.9	0.2/13.5	29488
2002 CN ₂₇₂	2004 09 13.0	23 25.06 -18 43.0 19.7	-0.74 - 5.8	4.0/07.7	66271	1999 TM ₁₈₆	2004 09 13.3	23 26.18 +03 40.3 18.1	-0.83 - 2.5	2.3/15.6	66095
2000 SD ₂₉₅	2004 09 13.0	23 25.07 +22 49.3 18.0	-0.66 - 5.1	12.3/23.6	64851	1998 YQ ₇	2004 09 13.3	23 26.19 -33 56.2 18.9	-1.40 + 2.3	10.6/05.8	66080
2002 CW ₂₄₇	2004 09 13.0	23 25.10 -04 53.8 19.2	-0.76 - 3.3	0.3/12.7	31971	1999 RG ₂₄₉	2004 09 13.3	23 26.19 -05 15.8 18.6	-0.70 - 8.3	0.5/12.7	66091
2001 BG ₆₇	2004 09 13.0	23 25.19 -00 35.0 18.6	-0.65 - 7.3	0.8/14.2	31937	2000 SW ₂₃₃	2004 09 13.3	23 26.20 -17 13.4 18.9	-0.94 - 6.4	5.0/08.6	66157
2002 AZ ₁₈	2004 09 13.0	23 25.20 -40 31.8 16.7	-0.79 -16.7	15.1/27.0	30605	2000 WE ₉₆	2004 09 13.3	23 26.27 -21 13.4 18.5	-0.82 - 3.7	5.2/07.5	66172
2003 FJ ₈₆	2004 09 13.0	23 25.22 -00 59.7 19.0	-0.93 - 4.1	1.0/13.9	66309	2002 AU ₈	2004 09 13.3	23 26.27 -01 58.2 19.8	-0.91 - 3.4	0.6/13.8	30604
2000 SQ ₃₆₁	2004 09 13.0	23 25.23 -16 48.5 18.6	-0.93 - 2.3	5.9/09.0	29423	1997 BT ₅	2004 09 13.3	23 26.32 -02 58.0 19.5	-0.80 - 4.7	0.2/13.6	66059
2002 JE ₁₇	2004 09 13.0	23 25.33 +04 22.7 19.8	-0.72 - 5.4	2.3/15.9	31631	2000 SN ₂₁₉	2004 09 13.3	23 26.32 -16 58.6 17.3	-0.70 - 7.4	6.0/08.4	66157
2001 AC ₂₁	2004 09 13.0	23 25.33 -21 20.8 19.0	-0.73 - 5.9	5.0/06.7	66181	2000 QF ₉₆	2004 09 13.3	23 26.33 -06 42.2 17.8	-0.93 - 2.0	1.4/12.5	66136
2001 XG ₂₁₃	2004 09 13.0	23 25.34 -03 55.9 19.4	-0.87 - 8.2	0.1/13.0	27340	2002 BC ₂₈	2004 09 13.3	23 26.34 +01 08.8 19.5	-0.77 - 7.8	1.5/15.1	48197
2002 AH ₁₁₃	2004 09 13.0	23 25.38 -11 16.5 17.9	-0.83 - 6.8	3.6/10.4	66262	2000 KZ ₄₂	2004 09 13.3	23 26.36 -11 10.8 19.0	-0.89 - 6.6	3.4/10.9	64736
2001 VT ₅₉	2004 09 13.0	23 25.39 +03 58.7 19.5	-1.00 - 4.7	3.3/15.4	30542	1999 RT ₂₀₇	2004 09 13.3	23 26.37 +09 22.9 18.9	-0.74 - 5.8	4.1/18.0	29096
2000 YA ₃₉	2004 09 13.0	23 25.40 -25 46.6 18.6	-0.74 - 5.9	6.4/04.9	66179	2001 XV ₄₆	2004 09 13.3	23 26.39 -06 32.2 18.7	-0.97 - 2.8	1.0/12.5	66246
2000 DS ₈	2004 09 13.0	23 25.42 -04 34.4 19.9	-0.58 - 4.2	0.2/12.8	47854	2001 XA ₂₂₆	2004 09 13.3	23 26.42 -12 55.6 18.7	-0.96 - 4.3	3.9/10.5	66254
2003 EA ₄₆	2004 09 13.1	23 25.40 -08 28.3 17.7	-1.14 + 2.5	1.7/12.0	65464	2001 XC ₆₃	2004 09 13.3	23 26.50 -07 23.9 19.5	-0.91 - 7.1	1.4/12.1	48163
2002 CM ₂₄₁	2004 09 13.1	23 25.43 -02 12.9 19.0	-0.70 - 8.9	0.4/13.7	30689	2000 SF ₂₇₁	2004 09 13.3	23 26.52 +01 10.7 19.8	-0.74 - 8.2	1.4/15.1	66158
2001 UD ₂₁	2004 09 13.1	23 25.45 +10 01.6 18.6	-0.93 - 6.1	7.0/17.9	66228	2000 WZ ₁₂₅	2004 09 13.3	23 26.53 -11 23.0 18.5	-0.96 - 1.7	2.8/11.2	66173
2003 FD ₇	2004 09 13.1	23 25.45 +00 42.1 20.2	-0.95 - 4.7	1.6/14.5	50180	2001 XQ ₂₇	2004 09 13.4	23 26.58 -06 17.8 17.9	-1.07 - 2.2	1.2/12.7	66246
2001 XN ₁₀₇	2004 09 13.1	23 25.46 -16 21.4 20.7	-0.95 - 5.2	4.6/09.0	47010	2000 QS ₂₄₄	2004 09 13.4	23 26.64 -04 11.1 20.0	-0.90 - 6.5	0.2/13.2	30377
2000 WC ₂₀	2004 09 13.1	23 25.46 +12 17.0 19.7	-0.77 - 3.9	4.8/18.6	47987	4627 P-L	2004 09 13.4	23 26.72 -07 04.5 18.6	-0.86 - 4.1	1.7/12.4	66422
2002 CV ₈₈	2004 09 13.1	23 25.50 -09 09.4 18.6	-0.85 - 4.7	2.0/11.4	25654	2000 UW ₃₆	2004 09 13.4	23 26.72 -13 52.1 19.1	-0.85 - 3.7	3.1/10.2	29455
2002 BE ₁₆	2004 09 13.1	23 25.55 -12 49.6 20.4	-0.76 - 6.8	2.6/09.9	48196	2001 WC ₁₄	2004 09 13.4	23 26.75 -08 46.7 18.8	-0.91 - 7.5	1.9/11.7	66242

2000 SA ₁₉₆	2004 09 13.4	23 26.81	-06 05.9	18.4	-0.75	-13.7	0.8/12.5	66156	1999 VG ₅₀	2004 09 13.7	23 27.77	+18 33.7	18.7	-0.74	- 5.2	7.5/21.8	40395
2002 CY ₁₀₅	2004 09 13.4	23 26.83	-05 33.0	20.3	-0.84	- 2.4	0.5/12.9	30660	2000 AB ₂₄₇	2004 09 13.7	23 27.86	-49 57.4	20.4	-1.33	- 1.6	19.8/27.0	47846
2003 ER ₁₇	2004 09 13.5	23 26.82	-12 10.9	19.5	-0.98	- 4.4	3.0/10.9	48333	2000 YC ₉₂	2004 09 13.7	23 27.86	+08 42.4	20.5	-0.84	- 2.7	4.0/17.6	9529
1999 UT ₂₇	2004 09 13.5	23 26.85	-07 50.3	19.1	-0.89	- 1.7	1.5/12.3	66098	2000 OU ₅₅	2004 09 13.7	23 27.87	-02 10.0	17.6	-0.85	- 5.5	0.6/14.2	66131
1999 VO ₇₈	2004 09 13.5	23 26.86	-01 44.1	18.8	-0.74	- 3.7	0.5/14.1	30333	2000 LM ₂₃	2004 09 13.7	23 27.88	-02 57.4	18.3	-0.78	- 9.7	0.2/14.0	66128
2001 UG ₁₆₂	2004 09 13.5	23 26.87	+05 04.3	19.3	-0.91	- 8.0	3.4/16.5	30527	2000 SQ ₃₂₈	2004 09 13.7	23 27.89	+02 49.1	19.3	-0.72	-11.5	2.2/16.2	33275
2000 PG ₄	2004 09 13.5	23 26.89	-08 43.3	18.2	-0.87	- 5.8	2.3/11.8	64752	2000 SL ₁₀₂	2004 09 13.7	23 27.89	-03 00.3	19.0	-0.89	- 4.4	0.2/13.9	47949
2002 AU ₁₃₄	2004 09 13.5	23 26.89	+04 35.3	20.4	-0.91	- 5.4	2.9/16.1	48191	1999 XZ ₄₈	2004 09 13.7	23 27.90	-29 33.5	18.0	-0.88	- 2.4	9.1/04.5	40411
2000 SO ₁₁₄	2004 09 13.5	23 26.91	+03 41.3	18.3	-0.73	-11.2	2.6/16.3	66152	1999 RM ₂₀₇	2004 09 13.7	23 27.91	+10 17.5	19.1	-0.75	- 5.2	4.3/18.6	31862
2001 YO ₇	2004 09 13.5	23 26.92	-14 32.9	19.3	-0.92	- 5.2	4.1/10.0	50582	2000 WZ ₁₄₆	2004 09 13.7	23 27.91	-18 50.8	18.4	-0.78	- 8.1	4.9/08.0	30431
2000 WO ₁₅₄	2004 09 13.5	23 26.94	-15 53.4	19.0	-0.99	- 1.6	4.4/09.9	66174	2003 FX ₈₁	2004 09 13.7	23 27.93	-08 13.0	21.0	-0.92	- 6.4	1.7/12.2	47452
1993 FY ₆₄	2004 09 13.5	23 27.01	+01 34.3	19.2	-0.82	- 4.6	1.8/15.2	28934	1999 TP ₂₆	2004 09 13.7	23 27.95	+07 26.9	18.3	-0.70	- 6.8	3.5/17.8	66092
2002 CN ₂₉	2004 09 13.5	23 27.02	-10 55.6	19.5	-0.87	- 4.1	2.5/11.2	31447	2002 GX ₅₉	2004 09 13.8	23 27.91	+20 28.2	20.0	-0.82	-11.0	7.5/23.2	33547
1999 GD ₅₉	2004 09 13.5	23 27.03	-18 39.7	20.4	-1.05	- 1.6	5.2/09.4	46358	2000 OX ₂₀	2004 09 13.8	23 27.94	-13 56.4	17.2	-1.20	+ 2.1	3.9/11.4	66130
2000 VU ₁₂	2004 09 13.5	23 27.03	+03 50.6	19.9	-0.79	- 6.3	2.6/16.0	29501	2001 XY ₂₅₂	2004 09 13.8	23 27.96	-20 40.9	18.9	-0.82	- 7.5	5.4/07.5	66254
6839 P-L	2004 09 13.5	23 27.04	-09 06.6	18.8	-0.85	- 6.0	2.3/11.7	66422	2000 WN ₉	2004 09 13.8	23 27.97	-33 48.6	20.1	-0.87	- 2.2	7.1/03.3	31922
2002 BT ₂₉	2004 09 13.5	23 27.08	-10 11.7	20.1	-0.95	- 2.5	2.1/11.6	48197	2000 WQ ₁₃₉	2004 09 13.8	23 28.02	-09 14.6	20.1	-0.83	- 5.0	1.8/11.9	31360
2000 ST ₁₀₄	2004 09 13.5	23 27.10	-12 29.5	19.0	-1.07	- 0.9	3.4/11.1	30392	1998 XQ ₆₂	2004 09 13.8	23 28.06	+11 00.9	18.5	-1.26	+ 0.6	5.1/17.3	66079
2001 SZ ₁₀₆	2004 09 13.5	23 27.15	+03 24.4	18.9	-1.03	- 4.6	3.2/15.7	66209	2003 KG ₁₇	2004 09 13.8	23 28.06	+05 19.4	18.6	-0.71	- 8.1	2.9/17.1	66313
2001 CQ ₄₀	2004 09 13.5	23 27.16	-23 39.9	19.7	-0.83	- 4.0	5.6/06.6	12291	2000 XP ₁₄	2004 09 13.8	23 28.08	-40 32.7	21.2	-0.84	- 3.5	7.9/30.2	12259
2001 TW ₃₄	2004 09 13.5	23 27.21	-05 21.8	19.0	-1.07	- 4.1	0.7/13.1	30474	2002 CE ₂₈₇	2004 09 13.8	23 28.24	-16 43.4	19.5	-0.76	- 8.3	4.7/08.9	50595
1999 VU ₉₅	2004 09 13.5	23 27.21	+05 17.0	19.0	-0.70	- 6.7	2.8/16.8	47822	1999 RL ₉₄	2004 09 13.9	23 28.35	-11 39.0	18.5	-0.87	- 2.1	2.7/11.5	66089
2002 XB ₂₂	2004 09 13.6	23 27.26	-46 42.9	20.0	-1.26	- 4.9	17.4/27.0	50719	2001 XB ₂₃₉	2004 09 13.9	23 28.36	+10 36.6	17.4	-0.90	- 2.5	7.2/18.3	65237
2001 DT ₉₅	2004 09 13.6	23 27.27	-12 05.4	18.4	-0.70	- 5.5	2.4/10.6	66184	1999 RU ₂₃₃	2004 09 13.9	23 28.36	-20 22.2	18.8	-0.88	- 1.9	5.9/08.7	64671
1999 XD ₇₈	2004 09 13.6	23 27.30	-05 08.8	17.9	-0.74	- 4.7	0.5/13.1	66102	2000 TT ₅₉	2004 09 13.9	23 28.36	-25 35.8	19.2	-0.89	- 7.7	8.5/05.2	13786
2001 UV ₁₂₂	2004 09 13.6	23 27.34	-16 53.0	18.9	-0.99	- 4.6	5.0/09.4	66232	1999 KO ₁₇	2004 09 13.9	23 28.38	-30 49.5	17.7	-0.93	- 0.4	11.8/05.2	47783
2002 AT ₁₅₅	2004 09 13.6	23 27.35	-14 04.6	20.5	-0.69	- 7.7	2.8/09.7	27813	2002 CG ₂₂₅	2004 09 13.9	23 28.39	-15 19.2	18.5	-0.65	-14.0	3.8/09.0	66271
2000 JH ₃₂	2004 09 13.6	23 27.37	+07 26.3	18.5	-0.92	- 6.8	4.7/17.4	66124	2000 SW ₄₉	2004 09 13.9	23 28.46	+02 44.8	19.0	-0.99	- 1.7	2.6/15.7	29324
2001 YF ₂₁	2004 09 13.6	23 27.37	-03 22.0	20.6	-0.94	- 5.6	0.1/13.7	27793	2000 WY ₁₆₅	2004 09 13.9	23 28.48	+17 11.5	19.6	-0.73	- 8.3	7.8/22.1	46519
2001 YN ₆₂	2004 09 13.6	23 27.37	+05 28.2	17.3	-0.92	- 2.9	4.3/16.4	65251	2002 CJ ₂₆₁	2004 09 13.9	23 28.48	-14 42.6	18.8	-0.74	- 9.2	4.1/09.7	66271
2003 EP ₂₂	2004 09 13.6	23 27.42	-06 28.9	20.0	-0.90	- 4.6	0.9/12.7	66306	2001 UY ₂₀₂	2004 09 13.9	23 28.50	-04 45.8	19.5	-1.03	- 4.4	0.6/13.5	48146
1998 HN ₄₂	2004 09 13.6	23 27.44	-20 49.5	19.6	-0.96	- 2.5	5.5/08.3	66068	2002 AC ₁₂₁	2004 09 13.9	23 28.51	-08 32.6	20.2	-0.81	- 4.9	1.5/12.3	30618
2001 WM ₁₁₄	2004 09 13.6	23 27.45	+03 18.8	16.2	-0.92	- 1.3	3.7/16.0	66242	1998 HA ₁₁₈	2004 09 13.9	23 28.61	-13 41.7	19.7	-0.78	- 6.1	2.9/10.4	50386
2000 QM ₁₇₇	2004 09 13.6	23 27.47	+01 31.2	19.3	-0.78	- 9.5	1.9/15.5	47926	2001 XY ₁₃₄	2004 09 13.9	23 28.63	-17 25.7	19.8	-0.93	- 5.3	4.9/09.4	48168
2003 FM ₆₄	2004 09 13.6	23 27.48	-18 22.5	17.9	-1.08	+ 0.7	7.0/09.8	65477	2002 CC ₁₂₆	2004 09 13.9	23 28.64	+00 09.3	19.0	-0.97	- 4.7	1.6/15.1	29833
2000 SC ₁₀₇	2004 09 13.6	23 27.53	+00 40.1	18.2	-0.85	- 6.9	1.6/15.1	66152	1999 VY ₁₃₉	2004 09 13.9	23 28.65	-00 56.5	20.2	-0.75	- 4.6	0.8/14.8	30335
2001 WL ₂₀	2004 09 13.6	23 27.54	-02 52.8	19.5	-0.98	- 4.6	0.2/13.9	50575	2002 EG ₈₅	2004 09 13.9	23 28.67	-06 46.5	20.4	-0.74	- 4.8	1.0/12.9	48221
2000 VQ ₄₁	2004 09 13.6	23 27.55	+02 41.6	20.0	-0.80	- 5.5	1.9/15.8	47985	2000 XS ₅₀	2004 09 13.9	23 28.70	+05 39.5	18.2	-0.96	- 0.9	3.6/16.5	64896
2000 QL ₂₀₄	2004 09 13.6	23 27.56	-11 34.4	18.8	-0.97	- 2.6	2.8/11.3	66140	2002 GL ₁₅₀	2004 09 14.0	23 28.61	-06 06.2	20.5	-0.78	- 3.3	0.8/13.1	48231
2001 DM ₉₈	2004 09 13.6	23 27.56	-02 35.4	18.7	-0.65	- 8.4	0.2/14.0	31403	2002 CY ₂₆₇	2004 09 14.0	23 28.63	-15 51.1	19.5	-0.97	- 3.2	4.4/10.2	31973
2002 CS ₁₈₇	2004 09 13.7	23 27.55	-13 00.4	18.6	-0.75	- 8.3	3.7/10.2	65322	1999 UF ₁	2004 09 14.0	23 28.64	-24 19.7	18.7	-0.94	- 1.4	6.4/07.4	66097
2000 XA ₄₆	2004 09 13.7	23 27.57	+41 25.9	18.6	-1.54	+ 9.5	18.2/21.5	11011	2002 EK ₁₀	2004 09 14.0	23 28.64	-03 41.8	19.3	-0.77	-13.8	0.1/13.9	29940
1998 DM ₁₅	2004 09 13.7	23 27.60	-09 37.8	20.3	-0.85	- 5.0	1.8/11.7	47723	2001 TP ₉₄	2004 09 14.0	23 28.65	+05 37.6	19.4	-0.99	- 6.9	3.7/17.0	66222
1999 YN ₁	2004 09 13.7	23 27.64	-45 45.5	19.6	-1.65	+ 3.0	18.5/31.1	46390	1999 RA ₁₄₇	2004 09 14.0	23 28.67	+03 32.1	18.6	-0.70	- 9.2	2.3/16.6	50418
2000 RE ₁₀₃	2004 09 13.7	23 27.64	+17 12.7	17.5	-0.74	- 6.9	9.1/21.8	64806	2003 FY ₉₂	2004 09 14.0	23 28.69	-09 55.9	19.4	-0.89	- 7.4	2.4/11.8	66310
1999 TV ₁₈₆	2004 09 13.7	23 27.65	+08 15.8	19.7	-0.80	- 3.3	3.7/17.5	30324	2002 GS ₁₀₅	2004 09 14.0	23 28.77	-13 48.4	20.5	-0.71	- 6.2	2.9/10.3	48230
1999 CL ₁	2004 09 13.7	23 27.66	-06 36.9	19.0	-1.01	- 4.1	1.1/12.8	47765	2001 WY ₂₃	2004 09 14.0	23 28.79	-00 04.5	19.4	-0.92	- 6.3	1.2/15.1	66243
1999 FU ₃₆	2004 09 13.7	23 27.70	+11 57.7	19.7	-0.80	-11.9	5.2/19.9	66084	2002 GP ₃₅	2004 09 14.0	23 28.80	+01 17.7	19.9	-0.72	- 7.2	1.4/15.7	31509
2000 UL ₅₁	2004 09 13.7	23 27.72	-11 32.3	18.8	-0.80	- 5.4	3.4/11.0	66165	2002 CK ₃₀₉	2004 09 14.0	23 28.80	+01 00.4	19.3	-0.79	- 6.7	1.5/15.6	50010
2003 EH ₆₀	2004 09 13.7	23 27.72	-13 00.5	19.3	-0.80	- 7.7	3.2/10.4	66307	2001 YY ₁₅₅	2004 09 14.0	23 28.81	-15 54.9	19.6	-1.03	- 2.8	4.5/10.3	48183
2002 CB ₆₃	2004 09 13.7	23 27.76	-13 17.1	19.2	-0.90	- 2.9	3.1/10.8	30649	2000 SU ₂₀₆	2004 09 14.0	23 28.82	-05 39.8	17.9	-0.88	- 4.0	0.9/13.3	66156

2000 RY ₈₉	2004 09 14.0	23 28.88 +03 15.2 19.6	-0.89 - 4.9	2.4/16.2	27698	2001 XA ₁₉₀	2004 09 14.4	23 30.18 -08 14.1 19.3	-0.87 - 7.8	2.0/12.7	25486
1999 TN ₁₇₂	2004 09 14.0	23 28.90 +09 17.2 18.1	-0.74 - 5.3	4.1/18.5	66095	2000 UB ₁₆	2004 09 14.4	23 30.18 +20 30.4 20.1	-0.82 -11.6	8.0/23.8	7610
2002 CC ₂₀₇	2004 09 14.0	23 28.99 -10 09.0 19.2	-0.74 - 5.9	2.2/11.7	66270	2000 YV ₅₈	2004 09 14.4	23 30.22 -16 59.9 19.2	-0.72 - 5.4	4.0/09.6	66179
1998 GK ₁₂	2004 09 14.0	23 29.05 -06 02.4 19.5	-0.91 - 3.5	0.9/13.3	27601	2003 FQ ₁₂	2004 09 14.4	23 30.28 -11 38.6 20.6	-0.98 - 5.0	2.8/11.8	47399
2000 SA ₂₆₂	2004 09 14.0	23 29.06 -22 21.0 18.9	-0.93 - 2.2	5.8/08.3	66158	2001 UH ₈₇	2004 09 14.4	23 30.30 -05 26.2 19.7	-0.98 - 5.5	0.9/13.8	50569
2000 SJ ₁₃₉	2004 09 14.1	23 29.05 +12 46.6 19.0	-0.71 -10.8	6.3/20.6	66153	2003 FM ₄₂	2004 09 14.4	23 30.34 -04 13.1 17.2	-0.83 - 5.9	0.5/14.1	65473
2000 SK ₂₈₀	2004 09 14.1	23 29.08 -01 56.1 18.7	-0.88 - 3.9	0.5/14.6	66159	2000 PX ₁₄	2004 09 14.4	23 30.38 -03 07.8 19.4	-0.93 - 5.0	0.0/14.5	50480
2001 YD ₆₉	2004 09 14.1	23 29.11 -05 05.6 20.3	-0.93 - 5.5	0.6/13.6	30596	2002 ET ₁₂₅	2004 09 14.4	23 30.38 -09 31.2 19.6	-0.81 - 5.3	2.1/12.4	30072
2000 QD ₃₆	2004 09 14.1	23 29.14 -04 54.1 18.0	-0.74 - 9.1	0.7/13.6	34957	2001 CB ₁₀	2004 09 14.4	23 30.39 -20 30.2 18.7	-0.75 - 5.2	4.8/08.3	66182
2000 JM ₂₁	2004 09 14.1	23 29.14 +04 02.4 17.5	-0.91 - 5.1	3.5/16.5	66124	2001 XW ₁₁₈	2004 09 14.4	23 30.40 -04 52.0 17.0	-1.06 - 1.6	0.8/14.0	65213
2000 AE ₁₀₃	2004 09 14.1	23 29.23 -17 12.3 18.0	-0.74 - 5.9	4.5/09.1	2717	1999 KK ₃	2004 09 14.4	23 30.41 -00 26.8 21.1	-0.86 - 6.5	0.9/15.4	47783
2001 XB ₄₇	2004 09 14.1	23 29.23 -28 34.6 18.2	-1.02 - 3.5	9.5/05.5	30566	2002 EA ₄₅	2004 09 14.4	23 30.41 +02 49.1 19.7	-0.81 - 3.0	1.8/16.4	48218
2001 XG ₂₀₇	2004 09 14.1	23 29.26 -14 15.7 18.4	-0.95 - 6.5	4.2/10.6	66253	2000 HM ₁₄	2004 09 14.4	23 30.43 -46 17.6 18.0	-1.56 + 9.6	20.0/07.7	43363
2002 CF ₁₁₁	2004 09 14.1	23 29.30 -06 46.2 19.2	-0.69 - 7.0	1.0/12.9	30661	2002 GU ₇₁	2004 09 14.4	23 30.43 -14 34.0 20.3	-1.00 - 2.8	3.7/11.1	31540
2001 XP ₁₀₀	2004 09 14.1	23 29.33 +04 44.0 19.0	-0.93 - 4.8	3.1/16.7	66249	2000 SG ₂₈₇	2004 09 14.4	23 30.43 +22 18.4 18.9	-0.88 - 3.7	9.7/23.7	66159
1999 UW ₅	2004 09 14.1	23 29.33 -08 55.4 18.4	-0.84 - 2.0	1.7/12.5	66097	2000 UW ₉₇	2004 09 14.4	23 30.45 -03 22.3 19.4	-0.87 - 3.3	0.1/14.4	47982
2003 BS ₃₇	2004 09 14.1	23 29.33 -19 28.8 19.1	-0.85 -25.6	6.8/06.9	65433	2002 CV ₄₂	2004 09 14.4	23 30.46 -02 43.4 19.7	-0.74 - 8.3	0.1/14.7	48200
2000 JU ₃₀	2004 09 14.1	23 29.36 -16 49.6 19.4	-1.14 - 1.0	5.7/10.7	66124	2000 SO ₁₁₆	2004 09 14.5	23 30.43 -05 55.0 18.8	-0.86 - 4.7	1.1/13.6	29347
1999 WC ₁₃	2004 09 14.1	23 29.40 -16 22.6 19.0	-0.88 - 1.6	4.0/10.3	66101	2003 GB ₂₃	2004 09 14.5	23 30.43 +02 43.6 20.1	-0.84 - 6.0	2.0/16.5	47522
2003 FS ₁₂₇	2004 09 14.1	23 29.41 -08 07.0 19.7	-0.92 - 4.5	1.8/12.7	62444	2003 HQ ₅₄	2004 09 14.5	23 30.47 -03 44.0 20.2	-0.90 - 6.4	0.2/14.3	47572
2000 SB ₁₃₇	2004 09 14.2	23 29.40 +17 59.1 18.9	-0.84 - 5.8	7.9/21.8	29355	2000 QP ₂₃₀	2004 09 14.5	23 30.47 -09 24.1 18.9	-0.84 - 7.0	2.4/12.4	66142
2000 SV ₂₁₅	2004 09 14.2	23 29.40 -04 42.3 19.4	-0.87 - 4.9	0.5/13.8	30399	2002 EA ₁₉	2004 09 14.5	23 30.48 +08 12.5 19.3	-0.83 - 3.8	3.5/18.2	29951
2000 VC ₄₉	2004 09 14.2	23 29.47 +00 15.1 19.2	-0.77 - 7.2	1.2/15.5	47986	2000 HM ₅₈	2004 09 14.5	23 30.49 -17 59.1 17.1	-0.96 + 1.0	8.2/10.4	66122
1995 UX ₇	2004 09 14.2	23 29.48 +05 18.5 19.2	-0.84 - 4.0	3.1/17.0	66055	2002 AR ₁₂₁	2004 09 14.5	23 30.54 +09 50.7 19.4	-0.97 - 1.9	4.4/18.4	30618
2000 SX ₃₅₄	2004 09 14.2	23 29.49 -24 06.7 19.1	-1.07 + 2.7	10.0/08.8	64859	1999 XP ₂₃₀	2004 09 14.5	23 30.58 -06 55.1 19.0	-0.78 - 3.6	1.1/13.3	66104
2000 GE ₄₉	2004 09 14.2	23 29.49 +02 53.1 19.2	-0.92 - 9.0	2.5/16.4	66117	1999 TW ₁₂	2004 09 14.5	23 30.61 -24 27.8 18.4	-0.92 - 1.8	6.2/07.7	66092
2001 XZ ₂₄₃	2004 09 14.2	23 29.50 -15 23.1 19.3	-1.03 - 3.5	5.0/10.6	50581	2003 CZ	2004 09 14.5	23 30.72 +13 51.2 21.0	-1.25 - 0.4	5.8/19.1	48324
1993 FE ₃₆	2004 09 14.2	23 29.51 -07 40.4 20.0	-0.81 - 4.7	1.4/12.8	47686	2000 QL ₂₁	2004 09 14.5	23 30.75 +07 08.1 18.4	-1.08 + 0.4	4.5/17.2	66133
1999 TX ₂₃₂	2004 09 14.2	23 29.51 -00 43.4 19.3	-0.74 - 5.7	0.9/15.1	30326	2000 EU ₁₁	2004 09 14.5	23 30.76 -13 55.1 20.2	-0.61 - 2.9	2.2/10.9	31777
2000 WE ₃₀	2004 09 14.2	23 29.71 -15 28.2 19.4	-0.81 - 5.8	4.3/10.1	66170	2000 QT ₂₁₅	2004 09 14.5	23 30.77 -06 08.2 18.4	-0.82 - 8.1	1.1/13.5	66141
1999 XR ₁₁₄	2004 09 14.2	23 29.72 -02 46.5 17.7	-0.86 - 1.8	0.2/14.4	66102	2001 VA ₅₄	2004 09 14.5	23 30.77 -05 04.2 19.8	-1.03 - 4.2	0.7/14.0	46890
2003 BH ₄₉	2004 09 14.2	23 29.73 -07 36.0 19.9	-0.96 - 6.4	1.6/12.9	50740	2001 UL ₁₃₀	2004 09 14.5	23 30.85 -05 42.6 19.0	-0.96 - 7.5	1.0/13.8	50570
1421 T-2	2004 09 14.2	23 29.74 -05 25.0 17.7	-0.92 - 2.9	1.1/13.7	62171	1998 FE ₅₁	2004 09 14.6	23 30.77 -11 09.3 19.3	-0.95 - 1.7	2.6/12.3	66067
1994 PJ ₁₄	2004 09 14.3	23 29.71 -03 50.5 18.3	-0.92 - 8.4	0.2/14.1	19244	1998 HL ₇₄	2004 09 14.6	23 30.82 +01 00.6 19.9	-0.76 - 6.4	1.1/16.1	50385
2000 QR ₂₀₆	2004 09 14.3	23 29.77 -05 54.7 18.3	-0.84 - 6.7	1.0/13.4	66140	2002 CZ ₂₄₀	2004 09 14.6	23 30.88 -01 07.5 19.0	-0.79 - 5.3	0.7/15.3	31971
2003 DT ₁₂	2004 09 14.3	23 29.81 -03 09.8 18.9	-0.94 - 5.6	0.0/14.4	62442	2000 UV ₅₂	2004 09 14.6	23 30.91 +03 54.7 18.7	-0.79 - 6.0	2.5/17.0	66165
2002 AQ ₈₁	2004 09 14.3	23 29.82 -16 02.5 19.2	-0.89 - 8.6	4.6/09.7	65281	2000 ST ₃₀₀	2004 09 14.6	23 30.93 +01 20.7 19.0	-0.90 - 4.3	1.8/16.0	66159
1998 BE ₆	2004 09 14.3	23 29.83 -10 16.3 19.5	-0.89 - 6.3	2.7/12.0	66065	2000 SP ₁₉₂	2004 09 14.6	23 30.94 -06 21.5 19.4	-0.83 - 6.0	1.3/13.6	29379
2000 TW ₁₁	2004 09 14.3	23 29.83 -11 03.2 19.5	-0.94 - 2.7	2.6/12.0	47970	2002 FK ₁	2004 09 14.6	23 30.99 -24 09.8 22.5	-0.93 - 3.2	5.8/07.8	30088
2002 CK ₂₁	2004 09 14.3	23 29.83 -00 06.5 20.3	-0.86 - 4.5	1.0/15.3	29772	2001 YF ₅₀	2004 09 14.6	23 31.00 +03 05.7 20.0	-0.93 - 5.4	2.5/16.6	26099
1999 TJ ₃	2004 09 14.3	23 29.85 -07 19.2 19.6	-0.79 - 3.9	1.2/13.0	50422	2002 CF ₆₃	2004 09 14.6	23 31.00 -19 08.6 18.4	-0.85 - 5.1	5.4/09.2	66267
2002 CK ₁₀₄	2004 09 14.3	23 29.92 -08 34.8 19.8	-0.83 - 6.4	1.7/12.5	30659	2001 YY ₁₅₄	2004 09 14.6	23 31.04 -28 33.0 19.3	-1.07 - 1.1	9.5/07.2	48183
2001 XT ₂₃₉	2004 09 14.3	23 29.93 -11 18.4 19.4	-0.94 - 5.3	3.0/11.8	48173	2000 QQ ₈₀	2004 09 14.6	23 31.09 -00 55.3 18.3	-1.00 - 2.1	0.8/15.3	27679
1998 MR ₁₆	2004 09 14.3	23 29.97 +08 04.4 20.1	-0.81 - 2.8	3.6/18.0	32973	2001 UN ₇₉	2004 09 14.6	23 31.10 -35 28.2 20.5	-1.37 - 1.1	11.0/04.3	23868
2001 SL ₁₁₆	2004 09 14.3	23 30.00 -06 03.4 19.1	-1.10 - 4.2	1.3/13.6	66210	2000 SO ₃₂₆	2004 09 14.6	23 31.11 -05 42.7 20.4	-0.88 - 4.3	0.9/13.9	66161
3225 T-2	2004 09 14.3	23 30.14 -11 29.1 18.0	-0.95 - 4.0	3.8/11.9	66423	1998 FT ₂₉	2004 09 14.6	23 31.12 +01 07.1 19.9	-0.79 - 7.6	1.3/16.2	47725
2003 FY ₁₁₅	2004 09 14.4	23 30.05 +12 20.3 20.1	-0.81 - 7.8	5.2/20.2	50758	2001 UD ₉₅	2004 09 14.6	23 31.14 -03 59.9 17.9	-0.98 - 1.7	0.5/14.4	26028
1997 WW ₁	2004 09 14.4	23 30.05 -02 02.9 19.1	-0.95 - 5.1	0.5/14.8	47718	2001 XX ₅₂	2004 09 14.6	23 31.14 -02 18.8 20.2	-0.92 - 6.0	0.3/14.9	30568
2000 HK ₅	2004 09 14.4	23 30.06 -15 10.3 17.4	-1.01 - 2.1	5.8/10.9	66120	2001 VR ₂₄	2004 09 14.6	23 31.14 +03 48.1 19.2	-0.95 - 6.7	2.8/16.9	33944
1999 RL ₄₃	2004 09 14.4	23 30.15 +08 41.8 18.8	-0.74 - 5.8	3.7/18.6	66088	2001 VP ₅₈	2004 09 14.6	23 31.19 -06 19.3 18.7	-1.07 - 2.9	1.3/13.8	66239
2002 CA ₁₀₄	2004 09 14.4	23 30.15 -04 51.3 19.4	-0.73 - 4.4	0.5/13.9	30659	2000 TL ₂₅	2004 09 14.7	23 31.14 -13 23.3 20.1	-1.01 - 2.1	3.5/11.7	30408

2000 PF ₂₁	2004 09 14.7	23 31.22	-01 53.1	19.7	-0.91	- 6.3	0.5/15.1	47909	2002 AY ₂₂	2004 09 15.0	23 32.56	-18 10.4	19.8	-0.80	- 7.3	4.8/09.6	50585
1999 UE ₇	2004 09 14.7	23 31.22	+02 15.5	17.4	-1.86	+10.6	2.9/15.3	66097	1999 UH ₁₀	2004 09 15.0	23 32.58	-20 12.6	17.9	-1.84	+ 8.3	9.1/12.5	66097
1999 XR ₁₁₂	2004 09 14.7	23 31.24	+24 16.9	17.5	-0.91	- 1.0	9.4/24.1	66102	1993 TJ ₁₇	2004 09 15.1	23 32.57	-11 58.0	18.3	-0.99	- 2.2	4.0/12.5	66051
1999 VA ₁₉	2004 09 14.7	23 31.24	+32 39.0	18.9	-0.72	- 6.4	10.7/30.4	66098	2000 UX ₉₈	2004 09 15.1	23 32.57	+15 25.0	18.3	-0.81	- 5.1	5.6/21.4	66167
2003 GD ₅	2004 09 14.7	23 31.28	-02 03.9	20.0	-0.89	- 6.7	0.4/15.1	47505	1999 EW ₅	2004 09 15.1	23 32.58	-06 35.2	20.2	-0.90	- 6.4	1.2/13.9	50405
2002 AT ₅₇	2004 09 14.7	23 31.30	+19 41.7	18.6	-0.92	- 2.2	7.1/22.2	30610	2000 RO ₈₂	2004 09 15.1	23 32.58	+13 30.5	18.8	-0.63	-13.1	6.9/22.2	46460
1999 TA ₃₂₁	2004 09 14.7	23 31.31	+06 37.3	18.5	-0.67	- 7.4	3.4/18.3	66097	2001 XL ₆₅	2004 09 15.1	23 32.59	+17 06.8	19.5	-0.89	- 4.3	6.3/21.9	66248
2000 XN ₂₀	2004 09 14.7	23 31.38	-13 42.2	19.0	-1.04	- 0.8	4.2/11.8	29611	2001 XM ₅₄	2004 09 15.1	23 32.70	-06 55.8	19.3	-0.90	- 6.2	1.4/13.8	48162
1995 TU ₃	2004 09 14.7	23 31.48	+00 45.7	19.5	-0.77	- 6.4	1.4/16.1	47698	2003 KP ₁	2004 09 15.1	23 32.73	-12 39.5	20.0	-0.72	- 7.7	3.1/11.6	50208
2002 FM ₈	2004 09 14.7	23 31.49	+04 33.5	21.0	-0.75	- 6.1	2.2/17.4	48224	1998 DN ₁₂	2004 09 15.1	23 32.75	-09 26.2	18.6	-0.85	- 5.9	2.4/13.0	66066
2001 YF ₁₂₂	2004 09 14.7	23 31.52	-20 15.0	19.5	-0.93	- 3.2	5.1/09.5	50584	2003 JF ₁₁	2004 09 15.1	23 32.79	+21 04.9	20.8	-0.69	- 9.4	7.6/25.4	50205
1998 HB ₃	2004 09 14.7	23 31.53	+29 49.5	19.5	-1.00	-13.0	13.2/29.0	66068	2000 UL ₉₈	2004 09 15.1	23 32.79	-08 53.5	18.0	-0.89	- 3.3	2.1/13.3	66167
2000 SJ ₅₉	2004 09 14.8	23 31.51	+01 21.5	19.7	-0.87	- 5.6	1.6/16.3	25849	1999 JX ₉₆	2004 09 15.1	23 32.80	+01 01.9	19.6	-0.80	- 8.6	1.3/16.6	50410
2002 CO ₁₂₅	2004 09 14.8	23 31.52	-08 00.9	19.3	-0.69	- 8.2	1.5/13.0	66268	2001 XU ₉₈	2004 09 15.1	23 32.84	-18 21.3	18.7	-0.96	- 6.4	5.9/09.9	66249
1999 VA ₁₈₈	2004 09 14.8	23 31.52	-31 05.8	20.7	-0.89	- 2.8	8.5/04.6	2689	2001 VK ₇₈	2004 09 15.1	23 32.89	-39 38.3	20.4	-1.18	- 0.8	11.5/03.2	50574
1999 SG ₂₁	2004 09 14.8	23 31.54	+04 23.7	19.9	-0.70	- 5.9	2.1/17.4	60542	2004 QZ ₄	2004 09 15.1	23 32.91	-00 37.1	19.3	-0.75	- 8.1	1.1/16.0	65981
2001 YS ₂₄	2004 09 14.8	23 31.54	-01 52.5	19.5	-0.93	- 5.8	0.5/15.2	48176	2003 FY ₁₈	2004 09 15.1	23 32.91	-06 57.4	20.1	-0.92	- 5.9	1.4/13.9	50754
1999 UG ₁₁	2004 09 14.8	23 31.59	+23 28.2	17.8	-1.08	+ 2.1	8.8/21.4	66097	1998 HT ₇₉	2004 09 15.1	23 32.91	+00 27.0	19.1	-0.81	- 4.8	1.1/16.3	66068
2002 CM ₉₈	2004 09 14.8	23 31.61	-05 46.0	19.7	-0.81	- 6.1	0.9/13.9	48203	2000 YV ₅₅	2004 09 15.1	23 32.95	-37 04.9	18.5	-0.83	- 4.5	9.0/01.7	33889
1242 T-1	2004 09 14.8	23 31.62	-03 58.6	19.9	-0.95	- 5.5	0.3/14.5	48389	2003 KT ₃	2004 09 15.1	23 33.00	-30 10.5	19.3	-0.93	- 0.1	8.3/06.9	50209
2001 BA ₁₀	2004 09 14.8	23 31.64	-42 01.6	20.7	-0.88	- 2.6	9.3/31.1	30447	2001 XB ₄	2004 09 15.2	23 33.03	-38 44.8	20.0	-1.03	- 1.6	9.1/02.7	30560
2001 XV ₁₄₉	2004 09 14.8	23 31.67	-19 36.2	18.0	-0.90	- 4.9	7.3/09.3	66251	1994 SP ₅	2004 09 15.2	23 33.07	-02 51.9	19.8	-0.74	- 5.9	0.0/15.3	31805
2003 BD ₃₇	2004 09 14.8	23 31.68	-00 08.2	19.3	-1.00	- 4.3	1.1/16.0	66303	2001 TZ ₄₁	2004 09 15.2	23 33.09	+02 30.2	18.0	-1.00	- 3.5	2.1/16.8	66219
1999 GQ ₅₉	2004 09 14.8	23 31.71	-13 45.3	19.8	-1.05	- 3.0	3.7/11.7	47776	2002 GB ₁₁₀	2004 09 15.2	23 33.09	-00 00.9	19.8	-0.83	- 5.2	0.9/16.0	31582
2000 AM ₁₀	2004 09 14.8	23 31.75	+25 18.1	17.3	-0.81	- 2.6	10.4/25.6	66104	2001 XL ₅₅	2004 09 15.2	23 33.10	-15 39.1	19.3	-0.91	- 5.8	4.4/11.0	66247
2000 HX ₅₈	2004 09 14.8	23 31.75	+00 50.1	19.4	-1.04	- 5.1	1.6/16.0	66122	2000 AT ₁₁₉	2004 09 15.2	23 33.17	-22 37.9	17.9	-0.65	-12.6	7.0/06.5	64703
2001 XX ₇₀	2004 09 14.8	23 31.78	-13 41.8	18.6	-0.96	- 6.4	4.1/11.3	66248	2000 SC ₂₀₁	2004 09 15.2	23 33.21	-03 55.4	19.4	-0.87	- 5.2	0.4/14.9	50493
2002 CL ₉	2004 09 14.8	23 31.79	-08 40.9	20.2	-0.78	- 6.0	1.8/12.9	48198	2001 YT ₄₉	2004 09 15.2	23 33.22	-02 09.2	20.5	-0.92	- 5.2	0.3/15.5	48177
2002 CH ₂₁₅	2004 09 14.8	23 31.91	-02 58.0	20.5	-0.88	- 4.6	0.0/14.9	48209	2002 FG ₃₀	2004 09 15.2	23 33.23	-08 27.3	19.6	-0.80	- 4.2	1.7/13.5	66276
2001 BF ₄₆	2004 09 14.9	23 31.85	+22 02.3	18.7	-0.77	- 4.1	7.6/24.1	66182	2002 EQ ₁₅	2004 09 15.2	23 33.30	+04 08.2	20.2	-0.75	- 8.2	2.0/17.8	29948
2002 JY ₄₁	2004 09 14.9	23 31.85	-04 01.2	20.5	-0.73	- 4.1	0.3/14.6	48234	2002 CW ₁₆₄	2004 09 15.2	23 33.34	-04 58.7	20.6	-0.90	- 4.5	0.7/14.6	48208
1996 TX ₆₄	2004 09 14.9	23 31.89	-02 40.5	17.3	-1.02	- 1.6	0.1/15.0	66058	2000 RD ₈₇	2004 09 15.2	23 33.35	+00 29.2	18.7	-0.81	- 7.6	1.2/16.5	27698
1999 VM ₈₉	2004 09 14.9	23 32.04	-04 47.7	19.0	-0.70	- 4.3	0.5/14.3	30333	1999 UT ₃₉	2004 09 15.2	23 33.36	-15 15.6	18.7	-0.86	- 2.3	4.0/11.5	66098
2000 QP ₁₁₂	2004 09 14.9	23 32.10	-03 27.8	18.8	-0.75	-11.7	0.2/14.8	47921	2000 SR ₃₆₆	2004 09 15.3	23 33.29	-05 33.4	19.1	-0.77	-10.4	1.0/14.3	46500
2003 DS ₂₁	2004 09 14.9	23 32.14	-06 01.3	18.9	-1.09	- 2.6	1.2/14.1	66306	1999 TC ₂₄₁	2004 09 15.3	23 33.30	-27 45.1	19.2	-0.96	- 0.4	8.0/07.5	30326
2001 XR ₂₁₀	2004 09 14.9	23 32.21	+04 37.1	19.0	-0.86	- 7.0	2.8/17.6	48172	2000 RD ₇₀	2004 09 15.3	23 33.33	-08 26.1	17.6	-1.14	+ 3.4	2.6/14.1	13731
1999 FP ₁₃	2004 09 14.9	23 32.24	-03 34.1	20.4	-0.96	- 5.2	0.2/14.8	47773	2000 EV ₁₁₂	2004 09 15.3	23 33.35	-05 37.4	18.9	-1.04	- 5.1	1.1/14.5	47868
1999 VD ₃₁	2004 09 14.9	23 32.27	-04 35.6	18.3	-0.75	- 4.8	0.6/14.5	66099	1999 VW ₂₂₃	2004 09 15.3	23 33.40	-06 57.6	18.6	-0.67	- 7.9	1.2/13.8	66101
2000 QE ₈	2004 09 14.9	23 32.27	-01 25.2	18.1	-0.84	- 6.3	10.9/06.0	66133	2002 CD ₅₉	2004 09 15.3	23 33.40	-03 09.2	18.9	-0.74	- 5.4	0.1/15.2	27474
2002 DS ₁₈	2004 09 15.0	23 32.26	-14 44.6	19.4	-0.82	- 4.5	3.8/11.1	66272	2002 CX ₂	2004 09 15.3	23 33.46	-17 52.2	19.2	-0.86	- 6.0	5.0/10.1	66265
2000 RE ₆₇	2004 09 15.0	23 32.33	+08 37.6	18.2	-0.57	-17.3	4.7/20.3	64799	1997 XF ₆	2004 09 15.3	23 33.51	-16 49.7	19.6	-0.99	- 4.2	5.8/10.9	66064
2000 RE ₄₇	2004 09 15.0	23 32.34	-10 10.4	17.4	-1.16	+ 6.0	3.6/13.7	66144	2000 SS ₁₀₅	2004 09 15.3	23 33.57	-04 05.3	19.7	-1.00	- 2.5	0.4/15.0	29341
2000 YY ₁₁₀	2004 09 15.0	23 32.35	+13 28.6	19.5	-0.86	- 2.2	5.7/20.2	48002	1998 FF ₅	2004 09 15.3	23 33.58	-20 51.3	17.5	-1.75	+ 8.9	9.5/12.9	43332
1999 VK ₆₉	2004 09 15.0	23 32.36	-00 13.6	19.2	-0.70	- 5.1	0.7/16.0	30333	2003 GC ₄₄	2004 09 15.3	23 33.60	-56 51.6	19.6	-1.49	+ 3.7	17.6/27.0	50761
1999 AG ₂₁	2004 09 15.0	23 32.42	-07 10.0	19.9	-0.93	- 7.2	1.5/13.7	50401	2001 YK ₈₂	2004 09 15.3	23 33.62	-04 47.9	19.1	-0.92	- 4.6	0.7/14.8	48179
2001 XW ₉₇	2004 09 15.0	23 32.46	-04 35.4	18.0	-0.97	- 3.8	0.8/14.6	48166	2000 UX ₅₇	2004 09 15.3	23 33.62	-00 53.9	17.7	-0.93	- 3.4	0.8/16.0	66165
2001 YK ₅₄	2004 09 15.0	23 32.47	-04 30.9	19.0	-0.97	- 5.3	0.6/14.6	30596	2003 ET ₃₉	2004 09 15.3	23 33.67	-26 10.8	18.9	-0.97	- 2.9	8.1/08.2	50751
2002 CA ₃₀₃	2004 09 15.0	23 32.48	-18 01.5	20.6	-0.80	- 7.6	4.4/09.6	33967	2003 FP ₂₀	2004 09 15.4	23 33.65	+21 03.7	18.9	-0.97	-14.0	9.9/25.0	47405
2000 QQ ₄₄	2004 09 15.0	23 32.49	-10 16.9	18.8	-0.81	- 9.1	2.8/12.4	66134	2002 CZ ₆₃	2004 09 15.4	23 33.65	-24 10.0	19.8	-0.73	- 5.4	5.7/07.7	50591
2003 EE ₃₇	2004 09 15.0	23 32.50	-44 18.6	16.7	-1.72	+15.8	21.5/11.9	50751	2001 XW ₁₉₁	2004 09 15.4	23 33.71	-06 30.7	18.2	-0.85	- 8.1	1.6/14.1	26085
2000 RN ₈₆	2004 09 15.0	23 32.55	+05 28.7	18.4	-0.89	- 4.5	2.7/17.8	66146	2000 TA ₆₂	2004 09 15.4	23 33.77	-13 32.8	19.5	-0.80	- 9.9	3.6/11.4	66163

2000 UG ₃₈	2004 09 15.4	23 33.80	-24 13.9	17.6	-1.06	+ 1.9	9.3/09.7	66164	2002 DG ₁₆	2004 09 15.7	23 34.91	-31 57.8	19.7	-0.87	- 3.6	9.2/05.3	50595
2003 GS ₄	2004 09 15.4	23 33.82	-03 17.0	19.9	-0.93	- 6.5	0.2/15.3	62444	2002 JN ₁₁₈	2004 09 15.7	23 34.93	-27 43.4	19.4	-0.76	- 4.3	7.1/06.6	33577
2000 OP	2004 09 15.4	23 33.83	-07 09.5	19.2	-0.92	- 6.1	1.8/14.0	66130	1981 DK ₂	2004 09 15.7	23 34.94	+04 00.3	20.4	-0.85	- 4.3	1.9/17.9	27574
2002 FM ₆	2004 09 15.4	23 33.87	-45 42.7	20.3	-1.03	- 0.3	11.3/30.9	30730	1999 UC ₃₀	2004 09 15.7	23 34.96	-06 31.9	20.4	-0.77	- 4.4	1.2/14.5	47816
2003 FX ₉	2004 09 15.4	23 33.88	-01 50.8	18.8	-0.73	-10.8	9.6/06.0	66308	2002 CB ₇₇	2004 09 15.7	23 34.97	-07 45.8	19.8	-0.84	- 5.3	1.7/14.1	48202
2002 GO ₉₅	2004 09 15.4	23 33.89	-20 55.4	17.5	-1.05	+ 1.6	5.9/10.7	66276	2001 WR ₈₄	2004 09 15.7	23 34.99	-07 45.8	19.8	-0.94	- 5.7	1.9/14.2	31432
2000 GW ₄	2004 09 15.4	23 33.89	-08 09.1	19.1	-1.10	- 2.6	2.3/14.0	50469	2001 WZ ₈₉	2004 09 15.7	23 35.04	+14 27.5	18.9	-0.98	- 6.0	6.5/21.6	50576
2002 AK ₁₂₂	2004 09 15.4	23 33.89	+08 16.0	19.2	-0.91	- 2.9	3.5/18.9	66262	2002 CF ₁₇	2004 09 15.7	23 35.06	+00 40.3	19.3	-0.96	- 3.7	1.2/16.8	30638
2002 AU ₁₉₇	2004 09 15.4	23 33.90	-18 20.6	18.8	-0.80	- 7.6	4.8/09.8	35147	2002 CO ₂₈	2004 09 15.7	23 35.07	+06 09.4	20.0	-0.94	- 2.7	2.9/18.4	30641
2002 AG ₉₀	2004 09 15.4	23 33.90	+13 04.6	19.3	-0.89	- 4.3	5.3/20.6	30613	2000 UT ₇₃	2004 09 15.7	23 35.10	-07 48.2	17.6	-0.88	- 3.9	2.1/14.2	66166
2004 PM ₃₈	2004 09 15.4	23 33.91	-19 44.6	17.9	-0.56	-16.8	6.9/07.7	66407	2002 BF ₃	2004 09 15.7	23 35.10	-22 17.4	20.2	-0.89	- 3.8	5.9/09.3	50588
2000 UX ₉₇	2004 09 15.4	23 34.02	-08 55.1	18.8	-0.96	- 2.5	2.4/13.7	7625	1998 FX ₆₂	2004 09 15.7	23 35.14	-09 00.5	18.0	-1.00	- 1.6	2.1/14.0	66067
1998 HA ₁₇	2004 09 15.4	23 34.03	-21 57.1	20.6	-1.21	+ 0.8	5.7/10.6	30268	2001 WD ₅₇	2004 09 15.7	23 35.15	+04 10.4	19.9	-0.91	- 6.6	2.3/18.1	48158
2001 WL ₁₄	2004 09 15.4	23 34.09	+31 53.8	19.7	-1.00	- 4.5	10.7/28.3	30553	2000 OY ₅₉	2004 09 15.8	23 35.07	-01 01.3	17.7	-0.77	- 6.7	0.8/16.4	66131
2002 AA ₁₆₃	2004 09 15.5	23 34.05	-11 51.0	20.4	-0.68	- 6.9	2.3/12.2	30624	2002 FR ₂₄	2004 09 15.8	23 35.11	-08 57.3	20.0	-0.83	- 2.3	1.9/13.9	50600
2000 YB ₁₁₁	2004 09 15.5	23 34.07	+03 22.6	20.4	-0.77	- 3.8	1.8/17.5	48002	2002 CS ₂₄₇	2004 09 15.8	23 35.12	-05 00.2	19.8	-0.74	- 4.4	0.6/15.0	48211
2001 UF ₁₇₀	2004 09 15.5	23 34.07	-02 46.3	19.3	-1.02	- 4.9	0.0/15.5	66234	2002 AM ₉₅	2004 09 15.8	23 35.15	-01 19.9	20.3	-0.96	- 5.2	10.5/27.0	48189
2000 WM ₁₃₃	2004 09 15.5	23 34.14	-18 05.4	18.4	-1.09	+ 0.8	6.4/11.4	8554	1999 SS ₆	2004 09 15.8	23 35.16	-21 21.5	18.2	-0.78	- 5.7	6.0/09.0	66091
2003 EF ₁₁	2004 09 15.5	23 34.16	-00 03.2	20.4	-0.94	- 6.8	0.9/16.4	50748	2000 QH ₁₆₃	2004 09 15.8	23 35.16	+11 12.9	19.7	-0.93	- 6.0	4.8/20.6	50483
2002 CB ₅₂	2004 09 15.5	23 34.19	-02 02.3	18.9	-0.71	- 4.4	6.4/06.0	30646	2003 FQ ₁₁₆	2004 09 15.8	23 35.17	-06 22.4	19.5	-0.95	- 5.0	1.4/14.7	50184
4558 P-L	2004 09 15.5	23 34.22	-05 27.5	19.2	-0.79	- 3.7	0.8/14.7	66422	2003 FQ ₁₀₇	2004 09 15.8	23 35.21	-06 46.7	20.2	-0.86	- 7.2	1.4/14.4	48358
2000 SY ₃₁₈	2004 09 15.5	23 34.25	+12 45.7	17.3	-1.06	+ 1.4	7.1/19.4	64856	1999 XV ₁₁₀	2004 09 15.8	23 35.24	+21 44.7	18.4	-0.71	- 4.2	10.5/24.7	40417
1992 DJ ₆	2004 09 15.5	23 34.25	-05 44.0	20.4	-0.58	- 4.1	0.6/14.5	1876	1998 HZ ₂₄	2004 09 15.8	23 35.25	-23 47.9	20.1	-0.84	- 4.4	6.0/08.6	47729
2000 JN ₆₆	2004 09 15.5	23 34.27	-28 53.5	17.0	-0.78	- 4.7	12.6/05.8	66125	2001 YU ₈₅	2004 09 15.8	23 35.25	-01 09.7	18.0	-0.94	- 2.6	12.4/27.0	66257
2000 SY ₃₉	2004 09 15.5	23 34.30	-14 48.9	18.8	-0.89	- 3.4	5.1/11.8	66149	1995 UW ₁₄	2004 09 15.8	23 35.29	+02 32.0	19.5	-0.79	- 5.5	1.9/17.6	30249
2002 AC ₁₀₈	2004 09 15.5	23 34.32	-02 28.6	19.7	-0.94	- 5.6	9.7/27.0	27396	1995 EH ₃	2004 09 15.8	23 35.29	+00 22.0	19.6	-0.94	- 5.9	1.2/16.8	66053
2000 WP ₁₇	2004 09 15.5	23 34.36	-06 58.4	18.6	-0.78	- 5.7	1.4/14.2	50504	1999 TP ₁₀₅	2004 09 15.8	23 35.39	-20 48.2	19.2	-0.96	- 0.5	5.7/10.5	66093
2000 UU ₁₈	2004 09 15.5	23 34.38	-18 28.1	18.1	-1.04	+ 0.6	6.7/11.3	66164	2003 FK ₆₂	2004 09 15.8	23 35.39	-10 10.7	19.5	-0.91	- 6.8	2.6/13.4	50755
1994 PA ₂₅	2004 09 15.5	23 34.41	-04 16.8	18.7	-0.81	- 4.3	0.5/15.1	27581	2001 XG ₉₄	2004 09 15.8	23 35.42	-04 42.7	19.9	-0.95	- 5.2	0.8/15.2	48165
2001 WY ₁₇	2004 09 15.5	23 34.43	+02 53.6	19.4	-0.98	- 6.4	2.3/17.4	46930	1999 XX ₂₃₃	2004 09 15.8	23 35.45	-08 21.9	19.6	-0.71	- 6.3	1.7/13.9	30344
2002 CN ₁₁₀	2004 09 15.6	23 34.41	-05 40.3	20.0	-0.73	- 4.4	0.8/14.6	29823	1999 XJ ₄₅	2004 09 15.8	23 35.45	-35 20.4	18.3	-0.92	- 1.5	11.6/03.5	40411
1999 VW ₁₇₁	2004 09 15.6	23 34.43	+34 50.3	19.4	-1.10	- 6.0	16.4/01.6	17084	2002 AQ ₁₀	2004 09 15.8	23 35.46	-01 10.3	16.8	-0.73	- 7.3	0.7/16.4	66259
2001 YE ₁₀₄	2004 09 15.6	23 34.44	-06 43.2	18.8	-0.93	- 7.4	1.6/14.3	30599	2000 YS ₁₄₂	2004 09 15.8	23 35.49	-33 14.8	20.0	-0.93	- 1.3	7.9/05.5	31933
2002 AQ ₅₂	2004 09 15.6	23 34.49	-05 17.5	20.2	-0.91	- 6.8	1.0/14.8	48187	2003 GT ₃₇	2004 09 15.8	23 35.51	+01 54.6	20.2	-0.89	- 8.4	1.8/17.5	47530
2001 YE ₁₁₈	2004 09 15.6	23 34.49	-10 01.8	17.6	-0.92	- 6.1	3.0/13.2	66258	2000 QH ₉₃	2004 09 15.9	23 35.44	-24 34.3	17.5	-1.48	+ 5.8	8.7/11.6	47919
1999 XP ₂₄₇	2004 09 15.6	23 34.51	+10 32.4	19.3	-0.67	- 7.2	3.9/20.6	6264	2002 FV ₃₂	2004 09 15.9	23 35.45	-12 04.7	19.8	-1.01	- 2.4	3.5/13.1	62389
1997 QV ₄	2004 09 15.6	23 34.52	+00 14.0	20.6	-0.95	- 6.2	1.1/16.6	47714	2003 JQ ₁₃	2004 09 15.9	23 35.49	-00 14.9	20.3	-0.71	- 8.1	0.7/16.8	47577
2002 CF ₁₃	2004 09 15.6	23 34.55	-10 38.5	17.8	-1.01	- 3.5	3.4/13.3	65303	2002 EH ₄₃	2004 09 15.9	23 35.50	+01 17.7	18.6	-0.68	- 8.0	1.2/17.4	31978
1997 YY ₁₃	2004 09 15.6	23 34.63	+04 04.7	19.8	-0.88	- 4.7	2.1/17.8	30258	2000 SZ ₁₁₅	2004 09 15.9	23 35.71	-19 19.8	18.2	-1.13	+ 4.4	8.0/12.3	66152
2000 SW ₁₄₄	2004 09 15.6	23 34.64	+01 04.8	18.8	-0.85	- 5.4	1.4/16.9	47953	2001 VR ₃₅	2004 09 15.9	23 35.71	-10 39.3	20.1	-0.97	- 5.4	2.8/13.4	30536
2001 XQ ₁₁₅	2004 09 15.6	23 34.67	-18 26.3	18.7	-0.94	- 4.8	6.3/10.5	66250	2002 CZ ₃₀	2004 09 15.9	23 35.71	-11 28.6	20.3	-0.87	- 5.2	2.7/13.1	27829
1999 TD ₁₈₀	2004 09 15.6	23 34.71	+06 57.2	19.3	-0.72	- 5.9	2.8/19.1	30324	2001 XG ₄₉	2004 09 15.9	23 35.72	-11 45.6	19.9	-0.97	- 4.9	3.7/13.1	46977
1999 TC ₂₃₅	2004 09 15.6	23 34.74	+01 17.3	19.4	-0.69	- 7.0	1.2/17.1	50430	1999 VV ₁₁	2004 09 15.9	23 35.73	-09 38.5	18.6	-0.80	- 3.5	2.4/13.7	30331
2000 SF ₂₉₇	2004 09 15.7	23 34.76	+09 17.8	18.7	-0.79	- 9.5	4.6/20.3	66159	1999 TV ₁₂₃	2004 09 15.9	23 35.74	-14 34.1	19.2	-0.89	- 1.3	3.9/12.4	66094
2001 TT ₄₂	2004 09 15.7	23 34.78	+03 51.3	17.6	-1.03	- 0.1	3.3/17.4	66219	2000 NH ₁₉	2004 09 15.9	23 35.75	-04 20.0	18.8	-0.94	- 5.3	0.7/15.4	66129
2000 YO ₁₁₅	2004 09 15.7	23 34.81	+18 53.8	18.3	-0.84	- 1.5	5.9/22.7	66180	1999 CP ₃₃	2004 09 15.9	23 35.75	-02 32.3	19.3	-0.95	- 6.1	9.3/27.0	66081
2001 WV ₇₂	2004 09 15.7	23 34.87	-15 35.5	20.9	-1.00	- 5.2	5.3/11.6	46951	1998 HM ₄	2004 09 15.9	23 35.75	-40 35.6	21.4	-1.64	+ 3.0	16.3/05.8	41536
2000 AG ₂₄₅	2004 09 15.7	23 34.88	+03 34.2	18.1	-0.64	- 9.8	1.8/18.2	66107	1999 GJ ₆	2004 09 15.9	23 35.78	-14 24.7	19.6	-1.06	- 1.0	4.3/12.8	50406
2000 WT ₁₂₅	2004 09 15.7	23 34.89	+06 10.1	18.0	-0.89	- 3.3	3.1/18.5	66173	2000 TF ₆₃	2004 09 15.9	23 35.79	+19 55.1	18.5	-0.88	- 5.5	7.8/24.1	66163
2003 AQ ₇₂	2004 09 15.7	23 34.90	-06 49.9	19.0	-1.64	+ 5.0	2.0/15.0	48314	2000 QC ₂₀₆	2004 09 15.9	23 35.82	-00 44.0	18.1	-1.13	+ 1.3	0.8/16.4	64783
2002 AU ₃	2004 09 15.7	23 34.90	+01 13.6	17.8	-0.92	- 5.1	1.9/17.0	27798	2002 CH ₅₄	2004 09 15.9	23 35.86	-08 15.2	20.2	-0.74	- 7.4	1.7/14.0	48200

2002 CW ₂₈₄	2004 09 15.9	23 35.87 +06 16.3 18.8	-0.91 - 2.4	3.3/18.7	35162	2002 AN ₈₂	2004 09 16.3	23 37.15 -01 33.4 18.3	-0.89 - 7.4	0.3/16.7	30612
2000 WL ₁₆₃	2004 09 15.9	23 35.87 -06 52.6 19.3	-0.83 - 4.7	1.5/14.6	47993	1999 TG ₉₆	2004 09 16.3	23 37.16 -15 41.2 17.4	-0.84 - 2.7	4.3/12.2	66093
2001 TY ₂₈	2004 09 16.0	23 35.83 -00 39.9 18.5	-1.04 - 3.9	0.8/16.6	48116	2002 JB ₃₇	2004 09 16.3	23 37.18 -24 52.1 19.9	-0.72 - 5.3	5.4/08.1	32019
2002 CN ₁₀₁	2004 09 16.0	23 35.83 -05 17.6 19.4	-0.87 - 3.8	0.9/15.2	29814	2002 AG ₂₀₂	2004 09 16.3	23 37.19 +03 41.9 20.9	-0.81 - 5.1	1.8/18.4	35570
2000 SQ ₁₄₉	2004 09 16.0	23 35.86 -16 10.1 19.5	-1.03 - 0.9	4.7/12.2	66154	2000 XB ₅₃	2004 09 16.3	23 37.20 -11 50.5 17.4	-0.92 - 2.0	3.2/13.6	66178
2001 VP ₂₀	2004 09 16.0	23 35.92 -00 25.1 19.1	-0.95 - 6.1	0.9/16.7	66237	2002 AL ₁₁₈	2004 09 16.3	23 37.20 -19 25.3 18.4	-0.83 - 8.8	6.0/10.0	66262
2002 CK ₁₃₂	2004 09 16.0	23 35.94 -01 12.8 19.1	-0.68 - 6.9	0.4/16.5	30666	1999 VV ₂₁₅	2004 09 16.3	23 37.22 -07 36.2 18.6	-0.88 - 1.2	1.8/14.9	66101
1999 CA ₁₀	2004 09 16.0	23 35.95 -06 33.8 19.7	-0.91 - 6.5	1.3/14.7	47766	2000 SC ₁₉₆	2004 09 16.3	23 37.26 -08 06.5 18.5	-0.78 -10.7	1.9/14.3	50493
2001 VU ₁₀₂	2004 09 16.0	23 35.98 -12 34.7 20.0	-1.03 - 3.7	3.9/13.1	46910	2000 WA ₉₂	2004 09 16.3	23 37.28 -00 29.5 19.4	-0.82 - 4.9	0.7/17.0	30428
2002 CS ₃₁₁	2004 09 16.0	23 36.01 +09 44.2 18.3	-0.97 - 0.2	5.0/19.5	66272	1999 LJ ₄	2004 09 16.3	23 37.29 -33 12.4 19.1	-0.91 - 8.0	9.1/04.8	47783
2001 WD ₄	2004 09 16.0	23 36.03 -08 37.3 19.4	-0.90 - 8.8	2.2/13.9	33500	2001 YL ₉₆	2004 09 16.3	23 37.30 -27 27.7 20.4	-0.84 - 4.5	7.0/07.6	48180
2001 US ₉₀	2004 09 16.0	23 36.05 -10 55.3 19.1	-0.97 - 5.2	2.9/13.4	66231	2002 EL ₁₀₅	2004 09 16.4	23 37.23 -08 59.4 20.3	-0.66 - 8.5	1.8/13.9	48222
2001 XY ₆₃	2004 09 16.0	23 36.05 +01 12.0 18.3	-0.90 - 6.8	1.5/17.3	50578	2001 BV ₁	2004 09 16.4	23 37.24 -40 24.9 18.8	-0.86 -31.8	32.1/11.0	64902
1999 UG ₃₂	2004 09 16.0	23 36.09 -18 07.4 20.6	-0.81 - 2.3	4.3/11.1	31873	2000 SH ₁₀₈	2004 09 16.4	23 37.31 -02 08.0 18.7	-0.84 - 6.1	0.1/16.5	66152
2001 WT ₅	2004 09 16.0	23 36.16 +36 36.5 19.4	-1.19 - 0.2	13.2/28.2	50575	2002 AH ₁₈₂	2004 09 16.4	23 37.32 -12 55.9 17.9	-0.89 - 2.4	5.1/13.2	66264
2002 AG ₁₀₄	2004 09 16.0	23 36.20 -09 34.0 19.5	-0.86 - 6.1	2.5/13.8	48190	2004 PM ₉₃	2004 09 16.4	23 37.32 +10 33.2 20.0	-0.85 - 3.4	4.5/20.6	65975
2003 FZ ₁₉	2004 09 16.1	23 36.18 -16 08.0 16.4	-1.27 + 6.8	7.0/13.8	66308	2003 DV ₅	2004 09 16.4	23 37.39 -08 34.8 18.8	-0.98 - 6.3	2.5/14.5	50746
2001 XR ₂₅₂	2004 09 16.1	23 36.19 -16 04.7 19.6	-0.83 - 6.4	4.5/11.4	50581	2001 WH ₄₁	2004 09 16.4	23 37.43 +08 18.8 17.8	-0.78 - 8.2	5.0/20.4	66244
1999 RT ₂₀₉	2004 09 16.1	23 36.22 +12 24.1 18.0	-0.78 - 4.6	4.8/21.3	66091	2002 CV ₂₇₇	2004 09 16.4	23 37.49 -01 27.2 19.5	-0.76 - 5.2	0.3/16.8	47188
2000 GB ₆₁	2004 09 16.1	23 36.26 -06 28.4 20.7	-1.03 - 5.4	1.6/14.9	50470	2003 FK ₈₀	2004 09 16.4	23 37.51 -14 12.6 19.0	-0.88 - 7.1	4.6/12.4	65479
2000 WZ ₃₅	2004 09 16.1	23 36.28 -07 01.7 18.2	-0.78 - 7.1	1.5/14.6	31923	2000 UT ₅₂	2004 09 16.4	23 37.58 -09 12.7 18.7	-0.83 - 4.4	2.2/14.3	66165
2000 SY ₁₂₂	2004 09 16.1	23 36.29 -03 52.5 18.6	-0.79 - 7.0	0.5/15.7	29351	2000 SB ₁₀₈	2004 09 16.4	23 37.65 -01 37.8 18.7	-0.84 - 5.7	0.3/16.8	66152
2001 TK ₇₆	2004 09 16.1	23 36.29 -10 50.4 18.7	-1.01 - 5.0	3.2/13.6	66221	2000 QV ₂₀₅	2004 09 16.5	23 37.59 -03 14.8 18.6	-1.12 + 0.3	0.3/16.3	66140
2002 CT ₁₀₃	2004 09 16.1	23 36.30 +00 08.9 18.8	-0.87 - 1.1	0.8/16.9	30659	1999 YA ₁₀	2004 09 16.5	23 37.59 -13 12.1 18.0	-0.74 - 5.0	3.6/12.8	64700
2002 AF ₂₂	2004 09 16.1	23 36.32 -27 34.1 19.0	-0.89 - 5.8	7.7/06.8	30606	2000 UZ ₇₀	2004 09 16.5	23 37.59 -06 11.9 18.2	-0.88 - 1.5	1.8/15.4	50500
2000 SB ₁₅₄	2004 09 16.1	23 36.32 -16 10.5 18.2	-1.06 - 0.4	5.7/12.3	13762	2000 UX ₆₃	2004 09 16.5	23 37.62 +19 02.4 18.3	-0.78 - 7.4	8.0/24.8	9852
2003 KM ₂	2004 09 16.1	23 36.36 -04 41.3 19.4	-0.69 - 8.1	0.7/15.4	50209	2001 TC ₉₂	2004 09 16.5	23 37.63 -01 26.1 18.2	-0.98 - 4.5	0.5/16.8	66222
2003 LT ₃	2004 09 16.1	23 36.40 -23 01.1 20.9	-0.73 - 7.0	5.0/08.6	53734	2002 CF ₁₃₉	2004 09 16.5	23 37.64 -00 24.1 20.7	-0.84 - 6.5	0.6/17.2	48206
1998 DJ ₁₃	2004 09 16.1	23 36.42 +13 14.0 18.6	-0.95 - 2.9	5.8/21.0	66066	2001 UL ₁₅₃	2004 09 16.5	23 37.65 -16 55.6 18.1	-0.99 - 3.6	6.3/12.1	66234
2003 FD ₁₂₉	2004 09 16.1	23 36.47 -21 56.2 18.9	-0.69 - 8.6	6.4/08.6	66311	2001 AP ₃₁	2004 09 16.5	23 37.66 -21 28.2 17.7	-0.80 - 4.4	6.1/09.9	66181
2003 HB ₁₃	2004 09 16.1	23 36.49 -10 12.8 20.1	-0.92 - 7.0	2.9/13.6	47549	2000 SY ₃₃₅	2004 09 16.5	23 37.67 -12 24.4 19.5	-0.90 - 4.7	3.8/13.3	66161
2000 YX ₆₀	2004 09 16.1	23 36.50 +03 46.6 19.2	-0.71 - 4.7	1.7/18.3	33889	2000 SD ₂₁₄	2004 09 16.5	23 37.69 +02 17.6 19.5	-0.73 -11.0	1.9/18.3	6039
1999 WC ₁₈	2004 09 16.1	23 36.54 +14 11.9 19.6	-0.69 - 6.3	4.7/22.5	33150	1997 ED ₃₈	2004 09 16.5	23 37.73 -06 33.3 19.0	-0.78 - 5.9	1.5/15.1	16751
1996 BO ₆	2004 09 16.1	23 36.56 -06 03.4 19.6	-0.77 - 4.3	1.1/15.0	62216	2002 CG ₉₆	2004 09 16.5	23 37.74 -07 12.2 20.4	-0.79 - 6.7	1.6/14.9	48203
2002 CR ₂₅₈	2004 09 16.2	23 36.52 +05 24.5 18.4	-0.88 - 6.7	3.2/18.9	31972	2001 YH ₉₇	2004 09 16.5	23 37.79 -06 10.9 20.3	-0.90 - 5.9	1.3/15.3	48180
2003 HU ₁₀	2004 09 16.2	23 36.58 -02 32.2 20.4	-0.91 - 6.6	0.0/16.2	47546	2002 EE ₂₄	2004 09 16.5	23 37.83 -02 23.3 19.5	-0.76 - 4.5	0.0/16.6	29960
2000 RD ₁₀₄	2004 09 16.2	23 36.60 +18 12.9 18.8	-0.90 - 4.0	6.7/23.1	66147	1999 TM ₁₁₅	2004 09 16.5	23 37.85 +08 39.1 18.6	-0.69 - 8.4	3.8/20.8	50425
2000 SK ₃₀₉	2004 09 16.2	23 36.61 -06 42.3 16.5	-0.87 + 0.5	2.2/15.1	8509	2000 UL ₄	2004 09 16.5	23 37.85 +11 59.8 18.6	-0.69 -11.0	5.7/22.3	66163
2001 UG ₁₁₃	2004 09 16.2	23 36.68 -00 47.1 19.4	-0.93 - 6.4	0.7/16.8	46821	1993 FZ ₃₁	2004 09 16.5	23 37.86 -06 27.9 18.4	-0.86 - 7.8	1.4/15.1	66050
1997 YH ₁₈	2004 09 16.2	23 36.89 -05 16.9 17.4	-0.92 - 5.0	1.2/15.4	66065	1999 UT ₄₁	2004 09 16.5	23 37.87 -16 10.8 18.9	-1.07 + 0.1	4.3/12.8	14376
2002 EH ₁₂₆	2004 09 16.2	23 36.89 +22 06.3 20.1	-1.12 + 1.0	8.6/23.1	48223	1999 JR ₁₃₃	2004 09 16.5	23 37.89 -03 54.2 20.5	-0.81 - 8.0	0.5/16.0	50411
2001 XS ₂₄₇	2004 09 16.3	23 36.88 +02 35.1 20.9	-0.96 - 5.7	1.8/17.9	30591	2001 YB ₆₅	2004 09 16.5	23 37.90 +04 09.3 17.7	-0.93 - 4.6	2.9/18.6	66256
2001 DR ₉₄	2004 09 16.3	23 36.89 -02 22.5 19.9	-0.72 - 4.9	0.0/16.3	23618	2000 QZ ₆₇	2004 09 16.5	23 37.96 -10 17.2 18.1	-0.92 - 3.2	3.3/14.2	66135
1999 VV ₁₆₀	2004 09 16.3	23 36.98 +05 25.4 18.9	-0.73 - 5.1	2.4/19.0	30335	2001 XF ₁₈	2004 09 16.5	23 38.00 +00 49.7 18.9	-1.02 - 3.3	1.3/17.5	65185
2001 TS ₁₆₅	2004 09 16.3	23 37.03 +03 52.6 19.3	-0.99 - 5.4	2.3/18.3	66225	2001 SL ₁₃₁	2004 09 16.6	23 37.95 -00 06.1 19.2	-0.94 - 5.8	1.1/17.3	65013
2000 HO ₆₈	2004 09 16.3	23 37.03 -14 13.1 18.0	-0.95 - 2.0	5.8/12.9	66122	2000 WW ₁₂₀	2004 09 16.6	23 37.96 -24 54.7 18.9	-0.97 - 4.5	8.5/08.5	66173
2036 T-2	2004 09 16.3	23 37.05 +00 02.2 18.5	-0.83 - 2.7	1.0/17.1	66423	1999 TM ₂₃₆	2004 09 16.6	23 37.96 -11 48.6 18.7	-0.75 - 5.5	3.1/13.3	66096
2002 AH ₆₅	2004 09 16.3	23 37.07 -08 52.9 19.3	-0.82 - 9.4	2.9/14.0	49956	2002 JP ₁₀	2004 09 16.6	23 37.97 -06 36.9 18.0	-0.58 - 6.3	1.0/15.0	32014
2000 GY ₇₈	2004 09 16.3	23 37.09 -06 29.0 19.3	-0.97 - 5.4	1.8/15.1	7024	1996 XA ₂₆	2004 09 16.6	23 37.98 -34 04.7 17.9	-0.72 + 1.2	16.3/04.9	66059
1999 TL ₂₀₈	2004 09 16.3	23 37.11 -00 08.5 18.1	-0.91 - 0.7	0.7/17.0	66095	2002 AD ₁₆₀	2004 09 16.6	23 38.02 -01 46.6 20.0	-0.81 - 5.9	0.2/16.8	66263
2000 QF ₁₄₆	2004 09 16.3	23 37.12 -12 16.4 19.3	-0.93 - 3.7	3.7/13.4	47923	2000 XK ₅₂	2004 09 16.6	23 38.03 -11 00.8 18.1	-0.94 - 2.5	3.3/14.0	66178

2002 CW ₆₉	2004 09 16.6	23 38.05	-05 54.6	19.5	-0.86	- 5.0	1.3/15.5	29796	2001 VR ₁₃	2004 09 16.8	23 39.04	-13 09.7	18.1	-1.08	- 1.9	4.1/13.9	48147
1993 FU ₅₃	2004 09 16.6	23 38.09	-05 46.6	19.5	-0.56	- 4.9	0.7/15.4	13538	2000 SB ₂₉₅	2004 09 16.8	23 39.05	+04 38.9	16.2	-0.67	- 0.2	3.8/19.0	64851
2000 SS ₁₅₅	2004 09 16.6	23 38.11	-05 40.0	17.9	-0.75	- 8.4	1.4/15.4	9825	2001 WL ₄₄	2004 09 16.8	23 39.05	-05 08.4	19.9	-0.89	- 8.0	1.0/15.9	48157
1999 TN ₈	2004 09 16.6	23 38.12	-02 35.1	18.1	-0.73	- 6.3	0.1/16.6	66092	2001 XV ₁₆₆	2004 09 16.8	23 39.07	+00 02.6	19.4	-0.79	- 7.6	1.2/17.7	30581
2000 QU ₁₀₉	2004 09 16.6	23 38.12	+01 55.4	18.5	-0.80	- 7.3	1.8/18.1	30369	2000 AU ₄₂	2004 09 16.8	23 39.09	+31 19.8	18.7	-1.38	+ 1.9	15.2/26.3	15655
2003 KH	2004 09 16.6	23 38.14	-17 41.6	19.8	-0.83	- 5.5	4.8/11.4	50765	2001 WX ₂₃	2004 09 16.8	23 39.11	-06 20.2	21.2	-0.94	- 5.4	1.4/15.6	27781
1997 EQ ₁₁	2004 09 16.6	23 38.17	+01 20.6	18.6	-0.66	- 9.8	0.9/18.1	66060	2001 YR ₁₂	2004 09 16.9	23 39.05	+01 15.3	20.2	-0.91	- 6.7	1.3/18.1	47076
2000 SC ₃₃	2004 09 16.6	23 38.19	-08 47.5	19.1	-0.83	- 7.6	2.4/14.4	66149	2000 WE ₁₈₁	2004 09 16.9	23 39.11	+12 09.1	19.8	-0.74	- 6.2	4.0/22.1	31927
2000 ST ₂₃₃	2004 09 16.6	23 38.20	-16 12.8	19.3	-1.01	- 5.3	5.7/12.0	47961	2000 RQ ₈	2004 09 16.9	23 39.14	-28 34.4	17.6	-1.93	+14.1	12.4/14.5	9805
2000 QO ₁₂	2004 09 16.6	23 38.20	+00 07.2	19.2	-0.92	- 5.1	1.0/17.4	46425	1999 LV ₃₅	2004 09 16.9	23 39.20	-12 22.0	20.5	-0.80	- 8.9	3.4/13.3	50411
1997 WZ ₂₄	2004 09 16.6	23 38.20	+06 39.1	19.2	-0.84	- 8.2	3.8/19.9	46334	2001 XB ₁₃₈	2004 09 16.9	23 39.26	+07 09.2	20.7	-0.95	- 7.0	3.8/20.0	25477
1999 TU ₁₉₃	2004 09 16.6	23 38.23	-11 12.5	18.9	-0.85	- 2.0	2.9/14.0	10454	2003 HA ₅₁	2004 09 16.9	23 39.27	-12 16.2	20.0	-0.83	- 6.5	3.1/13.5	50764
2003 HT ₄₁	2004 09 16.6	23 38.24	+01 17.6	19.8	-0.87	- 4.9	1.2/17.8	50197	2002 AO ₇₃	2004 09 16.9	23 39.29	-02 04.8	19.0	-0.95	- 4.4	0.1/17.0	49957
2001 UH ₈	2004 09 16.6	23 38.26	-08 40.0	19.1	-0.98	- 6.1	2.4/14.7	50567	2002 ER ₅₈	2004 09 16.9	23 39.29	+03 00.0	19.9	-0.78	- 3.9	1.5/18.7	66273
1999 TK ₁₃	2004 09 16.6	23 38.28	-15 35.6	17.3	-0.75	- 4.7	5.1/12.1	66092	1997 VF ₄	2004 09 16.9	23 39.34	-07 50.0	19.4	-0.92	- 5.8	2.0/15.2	47717
2000 SB ₃₀₈	2004 09 16.6	23 38.31	-06 59.2	18.8	-1.06	- 0.4	1.7/15.5	66160	2000 HY ₂₁	2004 09 16.9	23 39.35	+06 28.0	18.8	-1.02	- 5.4	3.4/19.7	66121
2001 WH ₅₁	2004 09 16.6	23 38.33	+08 09.1	20.4	-0.93	- 7.9	4.0/20.3	46948	2002 AQ ₄₁	2004 09 16.9	23 39.36	+03 31.3	19.9	-0.84	- 4.8	1.9/18.9	48186
2002 GG ₉₆	2004 09 16.6	23 38.34	+05 58.1	20.2	-0.79	- 6.3	2.6/19.6	31568	1999 TZ ₁₉₁	2004 09 16.9	23 39.36	+06 37.3	18.8	-0.84	- 2.2	2.8/19.7	66095
2002 CX ₂₃₁	2004 09 16.7	23 38.35	-23 28.8	18.7	-0.87	- 6.1	7.2/09.0	30687	2002 AC ₁₃₁	2004 09 16.9	23 39.38	+14 58.6	19.6	-0.96	- 2.0	5.5/22.2	30620
1999 JL ₁₂₇	2004 09 16.7	23 38.37	-04 33.8	19.2	-0.82	- 7.1	0.7/16.0	66086	1998 BV ₃	2004 09 17.0	23 39.40	-02 37.9	20.1	-0.88	- 5.5	0.2/16.9	27593
2001 UW ₁₁₆	2004 09 16.7	23 38.40	-18 56.8	18.4	-1.04	- 3.2	6.8/11.7	66232	2001 XV ₄₁	2004 09 17.0	23 39.40	-23 24.4	19.3	-0.95	- 2.6	6.7/10.4	50577
2001 XD ₁₂₃	2004 09 16.7	23 38.49	-15 53.9	20.0	-0.93	- 5.8	4.9/12.3	50579	2000 AN ₁₀₁	2004 09 17.0	23 39.41	-21 53.8	18.4	-0.78	- 5.2	5.9/09.8	6266
2002 BS ₁₂	2004 09 16.7	23 38.50	-08 21.8	19.2	-0.81	- 6.3	2.5/14.7	48195	2003 ED ₂₈	2004 09 17.0	23 39.44	-11 13.9	18.3	-1.04	- 1.9	3.9/14.5	66306
2001 SR ₁₀₅	2004 09 16.7	23 38.51	+09 43.1	18.5	-0.89	- 6.5	5.9/20.9	23734	1999 TH ₂₄₇	2004 09 17.0	23 39.48	+11 10.6	18.3	-0.64	-10.9	4.4/22.5	47812
2002 CM ₈₂	2004 09 16.7	23 38.52	+02 13.5	20.6	-0.88	- 3.2	1.4/18.1	30653	2002 CM ₅₆	2004 09 17.0	23 39.66	-08 49.4	19.3	-0.75	- 9.5	2.1/14.6	66266
1999 VT ₁₁	2004 09 16.7	23 38.53	+07 15.3	18.2	-0.68	- 7.8	3.1/20.3	50433	2000 SU ₇₈	2004 09 17.0	23 39.69	-01 14.7	19.8	-0.92	- 4.5	0.3/17.4	47947
1999 TF ₃₉	2004 09 16.7	23 38.58	-18 05.8	19.1	-0.81	- 5.2	5.2/11.2	66092	2002 CE ₁₆₆	2004 09 17.0	23 39.70	-08 36.7	19.4	-0.82	- 4.8	2.2/15.0	30674
2000 SO ₄₅	2004 09 16.7	23 38.59	+25 59.2	18.9	-0.96	- 3.5	10.7/27.0	47943	2000 QX ₂₁₅	2004 09 17.0	23 39.71	-07 12.6	17.7	-0.95	+ 1.6	2.6/15.8	66141
1999 TG ₂₂₈	2004 09 16.7	23 38.61	+03 29.3	18.5	-0.63	-11.0	2.0/19.1	66096	2002 EL ₁₀₃	2004 09 17.0	23 39.71	-14 46.3	20.2	-0.94	- 4.0	4.3/13.1	30060
2001 XM ₈₃	2004 09 16.7	23 38.61	-10 09.1	18.5	-0.89	- 6.9	3.0/14.1	66249	2000 YA ₁₂	2004 09 17.0	23 39.75	-26 04.7	20.5	-0.75	- 5.7	5.9/08.0	47998
2000 SV ₁₉₆	2004 09 16.7	23 38.63	-02 03.1	19.3	-0.91	- 4.1	0.1/16.9	47957	2000 HE ₇₅	2004 09 17.0	23 39.75	-52 10.6	17.5	-1.48	+14.5	26.1/13.1	66123
2000 SV ₁₁₁	2004 09 16.7	23 38.63	+00 55.5	18.6	-0.75	- 8.0	1.4/17.9	47950	2000 WJ ₁₆₀	2004 09 17.0	23 39.77	-12 43.1	18.2	-0.78	- 6.7	3.9/13.4	66174
1997 EL ₁	2004 09 16.7	23 38.63	+01 45.7	19.0	-0.85	- 4.7	1.4/18.1	66060	2001 XD ₁₆₀	2004 09 17.0	23 39.78	-26 01.6	18.0	-0.89	- 5.9	9.1/08.4	66251
2000 XE ₁₆	2004 09 16.8	23 38.71	-13 45.2	17.8	-1.15	+ 2.7	5.2/14.1	8565	2002 EG ₁₃₃	2004 09 17.1	23 39.74	-01 51.5	18.4	-0.77	- 5.7	0.1/17.2	31984
2002 CQ ₆₈	2004 09 16.8	23 38.72	-02 54.8	19.0	-0.89	- 4.6	0.3/16.6	66267	2001 AG ₅₀	2004 09 17.1	23 39.75	-06 56.3	20.4	-0.78	- 4.7	1.4/15.5	30446
2000 QJ ₁₇₂	2004 09 16.8	23 38.73	+09 22.1	18.6	-0.92	- 4.8	4.6/20.6	47925	1998 FS ₅₁	2004 09 17.1	23 39.76	-06 18.5	18.5	-0.77	- 7.5	1.4/15.6	66067
1999 TH ₁₉₆	2004 09 16.8	23 38.74	+11 42.0	19.1	-0.77	- 3.9	4.4/21.5	66095	2000 WU ₃₀	2004 09 17.1	23 39.77	-28 11.8	18.0	-0.81	- 3.4	11.1/07.5	64881
2002 CP ₅₀	2004 09 16.8	23 38.75	+02 23.0	18.6	-0.98	- 2.4	2.1/18.2	30645	2003 FN ₁₆	2004 09 17.1	23 39.78	-10 10.9	20.4	-1.03	- 4.8	3.0/14.7	50754
1999 TA ₁₅₄	2004 09 16.8	23 38.76	+08 14.8	18.7	-0.73	- 5.1	2.9/20.5	66094	2002 JK ₄₆	2004 09 17.1	23 39.79	-03 26.6	20.3	-0.71	- 4.4	0.3/16.7	31669
1999 TV ₃₁₀	2004 09 16.8	23 38.77	+00 27.2	19.8	-0.73	- 5.7	0.9/17.8	47814	2001 UK ₉₅	2004 09 17.1	23 39.79	-06 42.5	20.3	-1.10	- 2.9	1.9/15.8	48140
2002 CV ₅₃	2004 09 16.8	23 38.78	-07 11.2	20.0	-0.75	- 8.2	1.4/15.0	30646	2001 XC ₇₈	2004 09 17.1	23 39.81	-23 07.1	19.4	-0.94	- 5.1	7.0/10.1	66248
2000 SA ₂₂₁	2004 09 16.8	23 38.84	-23 08.7	19.6	-0.84	- 5.0	6.5/09.5	66157	2002 BK ₁₉	2004 09 17.1	23 39.83	-26 24.0	18.5	-0.77	-10.7	8.1/07.0	65299
2002 ES ₁₄₀	2004 09 16.8	23 38.85	-10 29.9	18.6	-0.70	- 7.7	2.6/13.8	66275	2001 YP ₅₃	2004 09 17.1	23 39.83	-06 33.2	18.9	-0.98	- 5.4	1.6/15.7	26100
2003 GW ₉	2004 09 16.8	23 38.86	+00 02.1	20.1	-0.86	- 8.0	0.7/17.6	50759	2001 XC ₅₃	2004 09 17.1	23 39.86	-15 00.1	19.4	-0.95	- 5.2	4.9/13.0	50577
1999 AB ₁₄	2004 09 16.8	23 38.88	-06 19.1	21.1	-0.93	- 6.2	1.5/15.5	49662	1998 FC ₄₉	2004 09 17.1	23 39.90	-01 54.3	18.5	-0.88	- 3.3	0.1/17.2	27598
2001 XJ ₉₅	2004 09 16.8	23 38.88	-19 06.4	18.3	-0.97	- 3.0	8.0/11.5	65205	2000 YM ₃₇	2004 09 17.1	23 39.94	-20 15.3	17.9	-0.73	- 5.7	5.3/10.6	66179
2001 VV ₅₃	2004 09 16.8	23 38.88	+00 41.6	18.5	-1.01	- 4.8	1.4/17.8	30541	2001 US ₄₆	2004 09 17.1	23 39.96	-08 45.1	19.1	-0.95	- 6.4	2.3/15.0	66229
1999 VZ ₆₀	2004 09 16.8	23 38.90	-07 37.2	17.8	-0.76	- 4.6	1.8/15.1	66099	2001 BA ₂₉	2004 09 17.1	23 40.01	-04 55.8	19.9	-0.74	- 5.4	0.8/16.2	48006
2000 SV ₃₁₉	2004 09 16.8	23 38.92	+10 37.1	18.0	-0.91	- 3.2	4.7/20.8	29418	2001 XL ₁₈₈	2004 09 17.1	23 40.01	+18 30.2	20.1	-0.87	- 4.7	6.5/24.4	26085
2001 WR ₃₂	2004 09 16.8	23 38.94	-05 50.6	21.6	-0.92	- 6.8	1.2/15.7	26058	2002 CG ₁₇₀	2004 09 17.1	23 40.05	-06 33.5	18.5	-0.79	- 3.1	1.2/15.8	30675
2001 VY ₄₄	2004 09 16.8	23 38.98	-11 36.8	17.6	-0.98	- 4.6	4.2/13.9	66238	2001 YC ₈₂	2004 09 17.1	23 40.09	-06 19.2	19.1	-0.95	- 5.3	1.5/15.9	30597

1999 TH ₁₈₉	2004 09 17.1	23 40.10 +11 48.3 19.1	-0.78 - 3.5	4.2/21.8	66095	2004 NT ₂₄	2004 09 17.4	23 41.21 -07 46.9 17.8	-0.71 -11.5	2.8/15.2	65909
4589 T-3	2004 09 17.2	23 40.11 -10 30.7 19.9	-0.84 - 5.6	3.0/14.4	30774	2001 TR ₉₂	2004 09 17.5	23 41.22 +00 44.6 20.1	-1.02 - 4.6	1.3/18.3	46738
2001 FA ₅₉	2004 09 17.2	23 40.12 -02 11.3 17.5	-0.87 - 1.1	0.0/17.2	66184	1998 BA ₁₆	2004 09 17.5	23 41.23 -37 06.5 19.8	-0.89 - 7.4	9.8/03.2	50381
1998 HP ₁₇	2004 09 17.2	23 40.14 +13 20.7 20.1	-0.78 - 6.9	4.9/22.9	28991	2002 GM ₁₀₇	2004 09 17.5	23 41.27 -07 11.2 19.1	-0.71 - 6.1	1.5/15.7	31580
2000 HE ₅	2004 09 17.2	23 40.20 +33 13.0 17.5	-0.63 -16.5	14.6/06.3	66120	2001 SB ₂₅₇	2004 09 17.5	23 41.30 +00 04.9 17.8	-0.74 - 9.6	1.1/18.3	65034
2002 CO ₁₇₅	2004 09 17.2	23 40.26 -06 17.5 19.6	-0.88 - 4.5	1.5/15.9	27541	2000 TX ₁₈	2004 09 17.5	23 41.34 +00 08.9 19.7	-0.81 - 5.5	0.9/18.3	64862
1999 TN ₁₃₀	2004 09 17.2	23 40.33 -03 43.7 18.4	-0.87 - 2.2	0.5/16.8	33830	2000 SU ₈₇	2004 09 17.5	23 41.34 -09 03.0 17.9	-0.64 - 9.4	3.2/14.8	64824
2001 XX ₂₃₈	2004 09 17.2	23 40.34 -15 06.3 19.2	-0.96 - 5.4	5.2/13.0	24000	2002 CH ₂₁₆	2004 09 17.5	23 41.37 -04 02.5 19.2	-0.80 - 4.4	0.7/16.9	48209
2002 CF ₅	2004 09 17.2	23 40.36 -00 52.6 19.1	-0.88 - 4.2	0.4/17.7	27824	2002 EK ₂₉	2004 09 17.5	23 41.37 -01 47.3 19.2	-0.91 - 3.1	0.1/17.6	35573
2002 CE ₂₇₂	2004 09 17.2	23 40.37 +12 27.5 20.1	-0.81 - 6.1	4.2/22.4	33965	2001 CP ₃₃	2004 09 17.5	23 41.44 -31 16.6 19.4	-0.93 - 1.3	8.8/07.5	33368
2000 UF ₇₅	2004 09 17.2	23 40.43 -03 24.7 18.6	-0.82 - 7.9	0.5/16.8	66166	2000 VH ₃₁	2004 09 17.5	23 41.48 +01 12.1 18.5	-0.79 - 6.0	1.2/18.7	46514
1997 WS ₄₁	2004 09 17.2	23 40.44 -08 51.4 18.7	-0.92 - 6.4	2.7/15.0	66064	2002 EF ₇₅	2004 09 17.5	23 41.51 -00 47.0 19.0	-0.67 - 5.0	0.3/18.0	66274
1999 FB ₆₀	2004 09 17.2	23 40.46 -06 53.0 19.6	-0.96 - 4.2	1.9/15.8	60527	2002 BU ₁₃	2004 09 17.5	23 41.51 -03 06.3 19.8	-0.77 - 7.2	0.4/17.2	48196
2002 HU ₁₀	2004 09 17.2	23 40.50 -38 40.5 20.2	-0.95 - 0.7	8.7/04.7	30170	2002 BZ ₄	2004 09 17.5	23 41.54 +01 21.2 20.0	-0.93 - 2.3	1.0/18.6	31444
2000 SC ₂₅₈	2004 09 17.2	23 40.51 -03 24.2 18.3	-0.89 - 2.6	0.6/16.9	29398	2001 VS ₃₄	2004 09 17.5	23 41.57 +02 07.1 19.4	-0.94 - 7.4	1.6/19.0	30536
2001 WU ₁₁	2004 09 17.2	23 40.53 -05 02.9 20.8	-0.92 - 7.2	1.1/16.3	48156	2002 AX ₁₀₄	2004 09 17.5	23 41.57 +01 09.4 19.8	-0.87 - 4.9	1.1/18.6	30615
2001 UV ₁₀₅	2004 09 17.2	23 40.53 -13 26.1 19.6	-1.02 - 4.7	4.3/13.8	46814	2000 QC ₂₁₈	2004 09 17.5	23 41.60 -04 22.5 18.1	-0.80 - 4.6	0.7/16.8	66141
2000 RV ₂₈	2004 09 17.2	23 40.55 +14 03.8 18.4	-1.10 + 1.3	7.0/21.5	66143	2000 YA ₆₀	2004 09 17.6	23 41.53 -08 29.0 18.5	-0.77 - 5.0	2.1/15.4	60730
2001 YA ₁₁₇	2004 09 17.3	23 40.48 -05 55.9 19.3	-0.93 - 5.3	1.4/16.1	30600	2002 DE ₅	2004 09 17.6	23 41.61 -30 14.3 18.8	-1.23 + 1.9	10.4/09.8	66272
2000 JZ ₈₀	2004 09 17.3	23 40.63 +09 31.8 17.7	-1.06 - 4.0	5.1/21.0	66126	2000 VZ ₄₆	2004 09 17.6	23 41.62 +03 53.5 17.4	-0.76 - 1.4	3.0/19.4	64879
2000 SR ₈₉	2004 09 17.3	23 40.64 +00 00.6 19.3	-0.85 - 6.0	0.7/18.0	50490	1996 UP ₂	2004 09 17.6	23 41.69 -01 50.5 20.0	-0.85 - 5.4	0.0/17.7	30252
2000 UD ₈₈	2004 09 17.3	23 40.64 -15 10.1 18.1	-0.90 - 1.6	5.9/13.5	50500	2001 YQ ₁₁₁	2004 09 17.6	23 41.70 -04 04.9 18.6	-1.04 - 3.6	0.8/17.0	48181
2000 JB ₆₄	2004 09 17.3	23 40.65 +03 35.5 19.9	-0.93 - 8.2	2.2/19.3	50476	2001 YJ ₈₁	2004 09 17.6	23 41.73 +01 33.0 19.4	-0.85 - 5.2	1.1/18.8	30597
2001 VG ₈₃	2004 09 17.3	23 40.71 +08 13.7 19.5	-0.95 - 7.0	3.8/20.8	50574	2000 WO ₁₃₂	2004 09 17.6	23 41.73 +21 36.1 17.6	-0.93 - 2.7	8.9/25.7	66173
2002 AC ₁₁	2004 09 17.3	23 40.72 -15 41.3 19.7	-0.87 - 6.6	4.4/12.6	30604	2000 TD ₄₀	2004 09 17.6	23 41.74 -13 12.7 19.0	-0.81 - 4.4	5.2/13.9	62311
2000 SZ ₂₅₈	2004 09 17.3	23 40.76 -00 38.7 18.3	-0.85 - 4.7	0.6/17.8	66158	2002 BV ₁₈	2004 09 17.6	23 41.96 -05 41.5 18.2	-0.78 - 5.7	1.2/16.4	66265
2000 VA ₃₈	2004 09 17.3	23 40.77 -25 18.1 18.0	-0.90 - 6.0	8.5/08.5	64878	1998 HD ₇₅	2004 09 17.7	23 41.90 -04 00.8 19.7	-0.79 - 5.8	0.7/17.0	62223
2000 SN ₂₅₁	2004 09 17.3	23 40.78 -00 58.8 19.3	-0.89 - 4.4	0.4/17.7	30401	1999 VH ₁₀₆	2004 09 17.7	23 41.90 +11 09.7 19.5	-0.70 - 5.4	3.8/22.4	17077
2000 SC ₂₈₁	2004 09 17.3	23 40.79 +21 02.1 18.0	-0.97 - 3.5	8.7/25.2	66159	2002 FK	2004 09 17.7	23 41.91 -00 04.8 19.6	-0.68 - 5.6	0.5/18.4	30728
2003 FH ₁₀₇	2004 09 17.3	23 40.80 -13 00.8 20.0	-0.89 - 4.1	3.3/14.0	50758	2000 SN ₁₇₅	2004 09 17.7	23 41.94 -05 22.4 18.3	-1.07 0.0	1.3/16.8	66155
1999 TM ₂₂₃	2004 09 17.3	23 40.80 -12 51.3 19.4	-0.80 - 4.0	3.6/13.8	66096	2002 GU ₃₄	2004 09 17.7	23 41.95 -07 29.3 19.2	-0.77 - 4.2	1.7/15.9	31508
1999 TO ₁₃₆	2004 09 17.3	23 40.80 -03 53.0 19.4	-0.81 - 3.7	0.5/16.8	12172	2002 CW ₃₅	2004 09 17.7	23 42.00 -09 39.1 20.1	-0.95 - 3.1	2.5/15.4	30642
2001 XG ₂₁₁	2004 09 17.3	23 40.80 -04 02.9 18.2	-0.89 - 8.5	0.8/16.7	26088	2001 VF ₅₄	2004 09 17.7	23 42.03 +06 52.0 18.6	-1.01 - 5.1	3.5/20.5	30541
2001 DW ₆	2004 09 17.3	23 40.81 -08 05.9 19.1	-0.71 - 6.9	1.6/15.2	12292	2000 VN ₃₉	2004 09 17.7	23 42.06 +04 17.4 18.6	-0.80 - 6.2	2.6/19.9	66168
2000 SK ₂₀₉	2004 09 17.3	23 40.85 -14 49.7 18.4	-0.93 - 4.8	5.2/13.2	33265	2002 GS ₁₁₉	2004 09 17.7	23 42.08 +04 36.5 19.7	-0.70 - 7.4	2.0/20.1	31588
2001 UK ₁₄₅	2004 09 17.3	23 40.87 -05 01.9 19.4	-0.93 - 7.3	1.2/16.4	46834	2000 VU ₂₄	2004 09 17.7	23 42.17 +20 04.3 19.3	-0.77 - 6.7	6.5/26.1	50502
2000 TU ₆₁	2004 09 17.3	23 40.89 -26 35.8 18.9	-1.02 - 1.8	9.3/09.4	66163	2002 AR ₁₅₂	2004 09 17.7	23 42.17 +03 33.2 18.8	-0.88 - 3.6	1.8/19.5	27413
2004 PZ ₁₀₀	2004 09 17.4	23 40.82 -04 17.6 18.1	-0.62 -15.4	0.9/16.5	65978	2000 YB ₈₈	2004 09 17.7	23 42.28 -18 16.0 19.8	-0.71 - 5.8	4.4/11.9	48001
2000 AQ ₁₇₀	2004 09 17.4	23 40.84 +15 24.4 19.1	-0.73 - 5.7	5.0/23.6	2722	2002 FL ₇	2004 09 17.7	23 42.33 -11 24.5 20.0	-0.84 - 1.6	2.5/15.0	53705
2001 VA ₁₀₁	2004 09 17.4	23 40.86 +07 10.1 19.0	-0.97 - 6.1	3.6/20.4	66241	2002 EJ ₅₈	2004 09 17.8	23 42.28 -02 36.4 19.3	-0.76 - 6.6	0.2/17.6	48219
2003 ER ₅₃	2004 09 17.4	23 40.88 -11 56.7 19.7	-0.80 - 8.2	2.9/13.9	50752	2002 EL ₇₅	2004 09 17.8	23 42.31 -00 02.4 19.8	-0.87 - 4.1	0.6/18.4	30024
2001 XM ₁₃₈	2004 09 17.4	23 40.89 -15 31.4 18.9	-0.89 - 6.4	5.2/12.9	47023	1999 VD ₁₅₉	2004 09 17.8	23 42.33 -08 23.7 19.7	-0.79 - 3.5	1.8/15.7	13624
2003 FC ₉₂	2004 09 17.4	23 40.93 -08 04.9 20.2	-0.96 - 6.2	2.2/15.5	62444	2003 FM	2004 09 17.8	23 42.35 -13 47.6 21.8	-0.96 - 3.0	3.7/14.3	48340
2002 CX ₂₂₀	2004 09 17.4	23 40.97 -04 21.5 20.5	-0.82 - 7.5	0.8/16.6	48210	2001 XW ₂₂₇	2004 09 17.8	23 42.39 -02 36.7 20.4	-0.97 - 4.8	0.3/17.6	50581
2002 JN ₁₀	2004 09 17.4	23 40.98 -38 19.8 20.1	-0.82 - 3.2	8.0/03.4	31623	1999 VB ₁₇₈	2004 09 17.8	23 42.45 -21 03.3 18.4	-0.90 - 0.2	7.4/12.3	49750
1999 JW ₂₆	2004 09 17.4	23 40.99 +10 21.5 20.0	-0.85 - 7.5	3.8/21.8	33809	2002 FX ₁₄	2004 09 17.8	23 42.47 -11 15.8 19.7	-1.00 - 1.2	3.2/15.2	31483
2000 XX ₁₅	2004 09 17.4	23 41.02 +17 37.7 17.9	-0.99 - 0.9	7.3/23.3	66176	2002 CH ₂₇	2004 09 17.8	23 42.48 -09 12.9 19.4	-0.87 - 4.9	2.3/15.5	30641
2002 CU ₁₃₉	2004 09 17.4	23 41.02 +03 36.8 20.0	-0.83 - 5.8	1.8/19.3	37747	2003 HP ₁₂	2004 09 17.8	23 42.51 +02 48.7 19.0	-0.76 - 9.0	1.7/19.6	66312
2001 VZ ₇₀	2004 09 17.4	23 41.05 +06 20.2 20.1	-0.95 - 6.2	3.2/20.2	30544	2002 CH ₂₈₂	2004 09 17.8	23 42.53 -04 42.5 20.5	-0.78 - 6.6	0.9/16.9	29912
2000 RN ₄₃	2004 09 17.4	23 41.15 +07 24.6 18.1	-1.05 - 0.1	3.9/19.9	66144	2002 CL ₂₄₂	2004 09 17.8	23 42.58 +02 15.3 18.8	-0.84 - 2.3	1.2/19.1	31971
2002 DV ₅	2004 09 17.4	23 41.15 +07 13.6 17.5	-0.74 - 8.0	4.4/20.9	30697	2003 FH ₁₁₅	2004 09 17.8	23 42.59 -23 28.6 20.4	-0.87 - 5.4	6.9/10.4	50758

2000 XB ₃₇	2004 09 17.8	23 42.61 +13 13.3 18.9	-1.05 + 1.9	7.0/21.0	18307	2000 SA ₃₁₂	2004 09 18.1	23 43.73 +25 32.3 19.2	-1.03 - 0.1	11.0/26.7	29417
2002 CN ₁₇₁	2004 09 17.8	23 42.62 -09 31.1 19.3	-0.84 - 6.0	2.4/15.3	30675	2000 RR ₁₁	2004 09 18.1	23 43.74 -20 39.6 18.8	-0.90 - 3.0	6.9/12.0	47932
2000 SZ ₄₂	2004 09 17.8	23 42.64 -15 15.3 17.8	-1.42 + 6.0	5.5/15.6	66149	2000 GT ₁₄₁	2004 09 18.1	23 43.77 -05 20.8 19.8	-0.96 - 8.3	1.4/17.0	47883
1996 GH ₁₁	2004 09 17.8	23 42.66 -02 30.8 19.8	-0.77 - 6.0	0.2/17.7	15577	2000 OX ₁₅	2004 09 18.2	23 43.70 +02 14.9 17.9	-0.80 - 5.5	1.9/19.6	66130
2002 CW ₂₂₉	2004 09 17.8	23 42.68 -01 54.6 19.4	-0.80 - 4.7	0.0/17.9	48211	2002 AP ₁₁₀	2004 09 18.2	23 43.71 -23 20.3 19.5	-0.74 - 5.4	5.5/10.5	50587
2002 HS ₁₄	2004 09 17.9	23 42.63 -01 59.0 19.8	-0.73 - 5.3	0.0/17.9	33560	1999 VR ₈₅	2004 09 18.2	23 43.74 -00 55.8 18.6	-0.76 - 4.4	0.3/18.5	66099
1999 GQ	2004 09 17.9	23 42.65 -03 22.2 19.4	-0.98 - 4.5	0.5/17.5	33806	2003 KT	2004 09 18.2	23 43.74 +01 18.0 20.2	-0.90 - 3.4	0.9/19.2	50765
2002 AF ₁₁₂	2004 09 17.9	23 42.68 -05 28.2 18.1	-0.94 - 6.4	1.5/16.7	66262	2002 CR ₁₀₉	2004 09 18.2	23 43.81 -07 36.4 18.8	-0.78 - 4.8	1.9/16.3	31968
2001 XX ₂	2004 09 17.9	23 42.71 +33 48.1 19.8	-1.04 - 3.6	10.7/31.0	23942	2001 XE ₂₄₀	2004 09 18.2	23 43.81 -07 53.4 19.5	-0.96 - 6.0	2.4/16.2	30590
2001 XF ₁₉₁	2004 09 17.9	23 42.71 -07 28.6 19.1	-0.91 - 7.5	2.4/16.0	48171	2000 SG ₃₁₇	2004 09 18.2	23 43.82 +18 41.5 18.3	-0.87 - 6.0	7.1/25.5	66160
2000 RB ₂₁	2004 09 17.9	23 42.72 +05 11.7 18.4	-0.79 - 7.0	3.1/20.4	66143	2001 XF ₂₄₀	2004 09 18.2	23 43.82 -23 44.9 19.1	-0.87 - 4.6	6.8/10.7	50581
1999 VK ₁₈₆	2004 09 17.9	23 42.76 +05 41.5 18.9	-0.71 - 7.1	2.4/20.7	66100	2001 UZ ₁₁₇	2004 09 18.2	23 43.83 -11 20.8 19.2	-1.00 - 3.5	4.6/15.3	65113
2002 EQ ₅₃	2004 09 17.9	23 42.78 +05 10.4 20.8	-0.83 - 1.9	1.9/20.1	31978	2000 SK ₅₈	2004 09 18.2	23 43.84 +01 46.3 19.4	-0.72 -13.0	1.4/19.6	60715
2002 GR ₁₆₁	2004 09 17.9	23 42.80 -24 20.9 19.0	-0.90 - 0.9	6.6/11.1	33556	2000 XX ₄₈	2004 09 18.2	23 43.88 +05 54.6 18.6	-0.87 - 2.1	2.4/20.6	30438
1998 FN ₇₈	2004 09 17.9	23 42.84 -17 31.3 17.8	-0.99 - 2.1	5.2/13.2	31813	2001 DE ₈₄	2004 09 18.2	23 43.89 -05 21.8 19.4	-0.74 - 3.6	1.0/17.1	18313
2003 EY ₁₀	2004 09 17.9	23 42.94 +03 22.1 18.5	-1.03 - 4.2	2.0/19.5	66306	2002 CK ₁₉₉	2004 09 18.2	23 43.91 -04 51.6 19.9	-0.80 - 5.8	1.1/17.2	48209
1995 VJ ₆	2004 09 17.9	23 43.01 -06 28.0 20.3	-0.81 - 4.6	1.6/16.5	34692	2002 AY ₁₇₆	2004 09 18.2	23 43.92 -27 08.1 20.8	-0.72 - 6.6	6.3/08.6	49964
2002 EE ₁₀₁	2004 09 17.9	23 43.03 -16 19.0 18.6	-0.75 - 5.3	4.2/12.9	33971	2001 BU ₁₂	2004 09 18.2	23 43.93 -28 57.7 18.6	-0.85 - 2.4	7.8/08.7	31935
2001 BT ₁	2004 09 18.0	23 42.97 +03 04.2 19.6	-0.76 - 4.1	1.4/19.6	13805	1999 VP ₄	2004 09 18.2	23 43.94 -17 43.0 17.9	-0.83 - 2.7	4.9/13.2	66098
2002 CT ₁₆₀	2004 09 18.0	23 42.99 -05 58.7 19.0	-1.02 - 3.9	1.6/16.8	48207	2001 DZ ₁₉	2004 09 18.2	23 43.95 -06 00.6 17.2	-0.88 - 0.8	1.4/17.0	66183
1999 RQ ₂₄	2004 09 18.0	23 43.01 -05 15.7 18.5	-0.87 - 2.4	1.1/17.0	66088	2000 YY ₇₇	2004 09 18.2	23 43.98 +12 59.7 18.7	-0.81 - 4.2	6.0/23.2	33342
2002 BM ₃₁	2004 09 18.0	23 43.04 -19 59.5 19.0	-0.78 - 4.5	5.5/11.7	66265	1998 MO ₄	2004 09 18.2	23 44.05 +15 48.7 19.6	-0.84 - 1.6	6.3/23.9	47732
2002 CC ₂₄	2004 09 18.0	23 43.09 -02 37.3 18.6	-0.75 -12.8	0.3/17.7	65304	2001 SG ₁₆₈	2004 09 18.2	23 44.06 +04 32.1 19.8	-0.98 - 7.0	2.6/20.3	46660
2002 AQ ₆₃	2004 09 18.0	23 43.11 +12 46.6 19.2	-0.86 - 3.3	4.1/22.7	30611	1999 TL ₅₇	2004 09 18.2	23 44.07 -03 52.5 20.5	-0.75 - 4.6	0.7/17.6	12948
1992 ES ₂₅	2004 09 18.0	23 43.12 -02 20.6 19.9	-0.76 - 5.2	0.1/17.9	47684	2000 QK ₂₀₇	2004 09 18.2	23 44.08 -00 50.4 17.3	-1.00 - 2.0	0.3/18.5	66140
2003 EU ₂₃	2004 09 18.0	23 43.12 -06 35.3 20.4	-0.96 - 5.7	1.7/16.5	50750	1999 RH ₁₈₁	2004 09 18.2	23 44.10 -01 16.5 20.0	-0.77 - 5.5	0.1/18.4	29092
2002 AE ₁₁₃	2004 09 18.0	23 43.14 -07 36.6 19.8	-0.93 - 6.6	2.3/16.1	27809	2000 UU ₃	2004 09 18.2	23 44.10 +06 05.7 18.3	-0.81 - 6.5	3.3/21.0	8513
1997 GU ₄₀	2004 09 18.0	23 43.16 -08 07.5 18.9	-1.01 - 5.2	2.9/16.1	66060	2001 SS ₂₅₂	2004 09 18.3	23 44.05 -15 04.9 20.0	-1.12 - 2.4	5.2/14.5	50558
2001 WK ₄	2004 09 18.0	23 43.17 -18 13.8 20.0	-1.05 - 5.0	6.1/12.7	31958	2001 SH ₂₈₃	2004 09 18.3	23 44.05 -11 42.3 17.9	-1.50 + 3.7	4.3/16.3	25391
2001 BD ₃₅	2004 09 18.0	23 43.20 -07 19.9 19.5	-0.72 - 6.2	1.5/16.1	12276	2001 TS ₄₄	2004 09 18.3	23 44.09 -24 11.0 18.6	-0.97 - 2.3	7.9/11.2	66219
1995 RO	2004 09 18.0	23 43.23 +07 17.3 18.9	-0.77 - 7.4	3.3/21.3	30248	2001 DH ₄₉	2004 09 18.3	23 44.09 -10 47.2 19.2	-0.74 - 3.7	2.3/15.3	13257
2000 SB ₁₅₈	2004 09 18.0	23 43.24 +16 23.9 17.4	-1.04 + 1.1	8.0/23.0	66154	2000 ST ₁₇₈	2004 09 18.3	23 44.13 -00 50.2 18.8	-0.91 - 3.1	0.3/18.6	27715
2000 SY ₂₆₂	2004 09 18.0	23 43.25 -22 16.7 18.5	-1.05 - 0.1	8.1/12.2	66158	1997 UL ₁₂	2004 09 18.3	23 44.21 -05 41.0 19.2	-0.99 - 4.5	1.7/17.1	27590
1999 JC ₉₉	2004 09 18.0	23 43.28 -03 27.8 20.1	-0.80 - 8.7	0.5/17.5	50410	2001 TO ₃₃	2004 09 18.3	23 44.23 +04 05.3 19.8	-1.02 - 4.2	2.3/20.1	48116
2002 FA ₄₀	2004 09 18.0	23 43.28 +18 06.4 19.0	-0.76 - 3.9	5.1/25.2	35575	1999 TH ₂₀₆	2004 09 18.3	23 44.24 -11 33.4 18.5	-0.82 - 2.4	3.2/15.3	31287
2000 VF ₅₈	2004 09 18.0	23 43.29 +18 57.5 19.0	-0.62 - 7.4	9.7/26.8	9865	2000 WN ₁₃₀	2004 09 18.3	23 44.26 -27 49.4 17.3	-0.79 - 4.9	11.1/08.2	66173
2000 RR ₅₆	2004 09 18.0	23 43.31 -07 06.8 18.1	-0.85 - 4.7	1.9/16.4	66145	2003 FK ₉₉	2004 09 18.3	23 44.27 -16 13.8 19.5	-0.94 - 2.8	5.0/14.0	48356
2000 RF ₁₅	2004 09 18.0	23 43.32 +08 52.7 19.0	-0.84 - 6.9	4.2/21.8	66142	1999 VB ₈₇	2004 09 18.3	23 44.28 -38 44.9 17.6	-0.73 - 5.5	13.8/01.0	2683
2000 OQ ₁₄	2004 09 18.0	23 43.37 +05 08.0 18.8	-0.98 - 5.8	3.0/21.0	66130	1999 XT ₉₆	2004 09 18.3	23 44.28 +27 39.5 18.0	-0.78 - 3.8	8.1/29.0	66102
2001 BK ₃₉	2004 09 18.0	23 43.37 +04 48.8 19.8	-0.79 - 6.4	2.3/20.4	18311	2000 US ₅₆	2004 09 18.3	23 44.31 +16 08.9 18.7	-0.83 - 7.1	6.0/24.8	30415
2000 WE ₁₈	2004 09 18.1	23 43.33 +07 49.5 18.9	-0.79 - 6.5	3.1/21.5	31922	2002 AE ₁₇₆	2004 09 18.3	23 44.32 +13 42.1 21.3	-0.87 - 3.2	4.2/23.3	30626
2003 DZ ₁₃	2004 09 18.1	23 43.34 +04 21.5 19.7	-0.87 - 8.4	2.2/20.3	66305	1995 BO	2004 09 18.3	23 44.36 +10 46.2 20.0	-0.99 - 3.6	4.1/22.2	47695
2001 FX ₂	2004 09 18.1	23 43.41 +02 36.5 20.2	-0.85 - 1.6	1.2/19.4	48017	2000 UY ₅₂	2004 09 18.3	23 44.36 -25 12.0 18.2	-0.97 - 1.8	8.8/10.7	66165
1999 CH ₁₁₁	2004 09 18.1	23 43.50 -00 06.2 19.8	-0.93 - 6.7	0.6/18.7	31853	2000 QZ ₁₂₆	2004 09 18.3	23 44.44 -06 02.7 18.4	-0.81 - 8.8	1.8/16.8	66137
1998 CD ₁	2004 09 18.1	23 43.52 -09 57.0 17.9	-0.96 - 5.0	3.0/15.5	66065	2002 EX ₂₉	2004 09 18.3	23 44.45 -08 07.2 17.9	-0.83 - 2.2	2.2/16.4	66273
2000 SN ₆₄	2004 09 18.1	23 43.58 -00 36.8 19.4	-0.84 - 6.2	0.4/18.5	47945	2001 UL ₁₂₃	2004 09 18.3	23 44.45 +03 45.4 18.2	-0.89 - 8.2	2.3/20.3	66232
1999 XY ₁₉₀	2004 09 18.1	23 43.59 +13 14.8 18.1	-0.81 - 2.8	5.2/23.0	40424	2000 QC ₁₅₁	2004 09 18.4	23 44.41 +01 00.3 16.3	-0.84 + 0.4	1.4/19.2	66138
2000 WZ ₆	2004 09 18.1	23 43.61 -13 46.5 18.3	-0.84 - 2.6	3.7/14.4	30423	2002 CS ₁₃₀	2004 09 18.4	23 44.48 -15 05.6 20.5	-0.73 -11.8	4.2/13.1	30666
3077 T-2	2004 09 18.1	23 43.65 -01 24.9 18.7	-0.69 - 9.6	0.1/18.3	66423	2003 FL ₄₇	2004 09 18.4	23 44.48 -01 18.7 20.5	-0.91 - 6.2	0.1/18.5	62443
2002 CL ₈₄	2004 09 18.1	23 43.69 -04 59.6 20.1	-0.81 - 6.7	1.1/17.1	30654	2000 VQ ₄₃	2004 09 18.4	23 44.48 +16 26.0 19.8	-0.81 - 7.3	5.9/25.0	47985
2000 SJ ₁₈	2004 09 18.1	23 43.71 +13 59.2 18.9	-0.77 - 9.4	6.5/24.1	7563	2000 SY ₂₃₅	2004 09 18.4	23 44.49 -00 23.0 19.3	-0.90 - 5.1	0.5/18.8	46490

2001 XG ₂₆	2004 09 18.4	23 44.54	-49 55.3	17.3	-0.82	- 5.7	21.1/01.0	30564	2003 EW ₄	2004 09 18.7	23 45.48	-05 34.2	19.4	-0.93	- 6.0	1.4/17.4	50748
1999 FP ₃	2004 09 18.4	23 44.54	+01 19.6	19.5	-0.83	-14.6	1.0/19.6	47772	2000 RX ₂₂	2004 09 18.7	23 45.53	+03 49.3	18.4	-0.81	- 8.5	1.8/20.6	66143
2001 UB ₁₄₉	2004 09 18.4	23 44.56	-08 32.6	19.3	-0.98	- 4.9	2.6/16.3	66233	2001 TO ₅₃	2004 09 18.7	23 45.57	+00 06.6	19.4	-0.90	- 8.9	0.8/19.3	48118
2002 GY ₂₆	2004 09 18.4	23 44.60	-15 21.9	21.2	-0.82	- 1.7	3.5/14.2	48227	2002 AA ₁₇₉	2004 09 18.7	23 45.57	-01 04.7	20.4	-0.85	- 5.0	0.2/18.9	27818
2000 SL ₂₁₉	2004 09 18.4	23 44.65	-25 17.4	18.3	-0.93	- 3.4	7.8/10.4	66156	2002 AW ₁₃₈	2004 09 18.7	23 45.59	-08 37.4	21.0	-0.82	- 4.9	2.1/16.4	48191
2002 EX ₁₁₄	2004 09 18.4	23 44.65	-12 53.4	18.6	-0.77	- 3.6	3.1/14.8	31476	2001 VE ₆₃	2004 09 18.7	23 45.60	-05 19.2	18.2	-1.05	- 2.7	1.8/17.7	30542
2002 EE	2004 09 18.4	23 44.67	+07 12.2	18.6	-0.84	- 4.3	3.2/21.4	66272	2003 GU ₉	2004 09 18.7	23 45.62	-10 51.0	19.3	-0.85	- 5.1	3.1/15.7	50759
1999 VN ₃₈	2004 09 18.4	23 44.68	-12 38.0	17.5	-0.76	- 3.2	4.2/14.9	66099	2002 CB ₁₄₃	2004 09 18.7	23 45.63	-06 30.9	19.1	-0.82	- 7.4	2.3/17.0	48206
2001 UG	2004 09 18.4	23 44.68	-13 38.9	19.6	-1.04	- 6.3	3.9/14.6	33935	2002 CS ₁₉₅	2004 09 18.7	23 45.67	-01 56.0	20.5	-0.84	- 5.1	0.1/18.6	30679
2003 HB ₅₄	2004 09 18.4	23 44.69	-00 12.1	20.8	-0.90	- 6.5	0.5/18.9	47571	1999 RA ₂₁₂	2004 09 18.7	23 45.67	+06 08.3	18.4	-0.81	- 2.8	2.2/21.2	66091
2001 VU ₆₃	2004 09 18.4	23 44.69	-10 30.2	18.7	-1.02	- 3.8	3.4/15.8	66239	2000 UZ ₄₇	2004 09 18.7	23 45.67	-24 28.3	18.3	-0.91	- 2.3	6.9/11.3	66165
2001 XC ₇₂	2004 09 18.4	23 44.72	-04 43.6	19.2	-0.90	- 8.7	1.1/17.4	30571	1999 TL ₂₀₃	2004 09 18.7	23 45.69	-05 39.9	18.5	-0.81	- 2.7	1.2/17.5	66095
1999 VF ₁₂	2004 09 18.4	23 44.74	-40 08.8	20.6	-1.70	+ 4.7	16.9/09.2	47818	2000 VR ₉	2004 09 18.7	23 45.70	-03 16.8	17.8	-0.85	- 4.6	0.6/18.2	66168
2000 SK ₂₅₀	2004 09 18.4	23 44.78	-09 26.7	18.8	-0.83	- 7.8	2.8/15.7	30401	2002 CA ₂₂₆	2004 09 18.7	23 45.70	-05 11.6	19.5	-0.78	- 7.7	1.1/17.5	30686
2000 VM ₂₆	2004 09 18.5	23 44.76	-07 33.6	19.3	-0.87	- 3.9	2.1/16.6	38287	2000 SA ₁₀₇	2004 09 18.7	23 45.73	-00 48.3	17.5	-0.89	- 3.6	0.3/19.0	66152
2002 EE ₁₀₄	2004 09 18.5	23 44.81	-13 04.2	20.2	-0.69	- 5.7	2.9/14.4	48222	2002 CY ₂₇	2004 09 18.7	23 45.79	+01 24.2	19.8	-0.91	- 3.6	0.9/19.7	27828
1999 VS ₈₈	2004 09 18.5	23 44.82	+11 15.2	19.5	-0.70	- 5.9	3.5/23.1	33838	2000 OA ₂₀	2004 09 18.7	23 45.84	+09 00.5	17.5	-0.89	- 5.6	4.6/22.3	66130
2003 FM ₇₉	2004 09 18.5	23 44.82	+04 00.8	18.9	-0.85	- 7.8	2.2/20.5	66309	2000 VP ₆₁	2004 09 18.7	23 45.88	-37 47.5	18.7	-1.71	+ 6.0	13.7/09.5	66169
2001 TX ₃₉	2004 09 18.5	23 44.82	-04 23.5	19.0	-1.01	- 4.1	1.0/17.7	33476	2003 FC ₆	2004 09 18.7	23 45.93	-02 50.8	20.0	-1.06	- 3.0	0.5/18.4	47394
2001 XU ₁₃₅	2004 09 18.5	23 44.85	+00 11.5	20.5	-0.92	- 7.2	0.7/19.1	35131	2003 FQ ₄₂	2004 09 18.8	23 45.86	-03 33.3	18.9	-0.87	- 8.8	0.8/18.1	47416
2000 AT ₉₈	2004 09 18.5	23 44.92	+00 58.7	18.5	-0.72	- 7.6	0.8/19.5	66105	2002 CR ₁₀₇	2004 09 18.8	23 45.87	-05 24.9	19.5	-0.81	- 5.2	1.3/17.5	48204
2001 VR ₁₀₉	2004 09 18.5	23 44.95	+05 23.9	19.9	-0.93	- 6.9	2.5/20.9	46913	2001 WA ₄₆	2004 09 18.8	23 45.88	+06 13.6	19.9	-0.94	- 6.8	2.9/21.4	46946
2002 CW ₅₅	2004 09 18.5	23 45.00	-12 18.8	18.3	-0.74	-14.9	3.2/14.2	66266	2003 BN ₄₆	2004 09 18.8	23 45.89	+10 49.3	17.6	-0.81	-23.5	5.2/24.2	65435
2002 CH ₂₉	2004 09 18.5	23 45.01	+05 56.8	19.6	-0.90	- 2.5	2.3/20.8	30641	1999 UL ₄₁	2004 09 18.8	23 45.90	+08 56.5	19.3	-0.71	- 6.0	2.9/22.6	66098
2002 AB ₁₁₁	2004 09 18.5	23 45.04	-04 01.9	19.5	-0.91	- 4.8	1.1/17.8	48190	2000 SS ₇₈	2004 09 18.8	23 45.92	-01 24.6	19.0	-0.83	- 5.7	0.0/18.9	47947
2000 QK ₈₃	2004 09 18.5	23 45.04	-02 10.2	17.6	-0.85	- 6.2	0.2/18.4	66135	1999 RH ₁₉₃	2004 09 18.8	23 45.93	-05 38.7	19.1	-0.80	- 4.5	1.5/17.5	30313
2001 VS ₂₈	2004 09 18.5	23 45.04	+10 13.9	18.7	-0.81	- 6.1	6.1/22.7	30534	1999 YS ₁₇	2004 09 18.8	23 45.94	-14 31.7	17.4	-0.85	- 2.4	4.1/14.7	30344
2000 UM ₁₀₉	2004 09 18.5	23 45.04	+08 20.6	16.8	-0.60	-13.2	4.2/22.8	66167	1999 TW ₂₀₂	2004 09 18.8	23 45.95	+07 01.5	19.2	-0.71	- 6.8	2.5/21.9	50428
2000 QS ₁₀	2004 09 18.5	23 45.08	-03 41.3	16.8	-0.74	- 7.3	1.0/17.8	66133	2002 EL ₅₁	2004 09 18.8	23 45.96	-03 40.2	19.2	-0.80	- 6.1	0.8/18.1	48218
2000 YZ ₅₀	2004 09 18.5	23 45.13	-18 01.5	19.1	-0.74	- 6.8	5.3/12.5	30440	2001 XR ₂₂₄	2004 09 18.8	23 45.99	-11 20.6	18.7	-1.00	- 3.5	4.1/15.9	66254
2002 AK ₁₃₉	2004 09 18.5	23 45.17	+06 15.8	19.5	-0.93	- 2.8	2.5/21.0	27812	2000 WE ₁₄₉	2004 09 18.8	23 45.99	-15 52.1	19.1	-0.80	- 6.9	4.9/13.6	33322
2000 GS ₈₀	2004 09 18.5	23 45.18	+01 52.7	19.1	-0.92	- 8.0	1.6/19.8	47880	2001 UD ₂₀₅	2004 09 18.8	23 45.99	-02 42.1	18.9	-1.01	- 4.9	0.4/18.5	48146
2002 CA ₅₄	2004 09 18.6	23 45.12	-00 52.4	19.6	-0.79	- 6.1	0.2/18.9	30646	2001 VA ₃₉	2004 09 18.8	23 46.03	-03 48.0	20.2	-0.90	- 5.2	0.7/18.1	30537
2000 SM ₅₈	2004 09 18.6	23 45.16	-00 09.0	18.8	-0.89	- 5.5	0.6/19.1	66150	2001 YZ ₄	2004 09 18.8	23 46.08	-07 37.4	20.1	-1.04	- 1.0	2.0/17.2	30592
1999 XD ₁₅₅	2004 09 18.6	23 45.16	+13 31.1	17.8	-0.70	- 6.0	5.4/24.1	40420	2002 CD ₁₀₁	2004 09 18.8	23 46.11	-12 36.7	19.1	-0.72	- 8.5	3.3/14.7	30659
2001 XO ₁₆₇	2004 09 18.6	23 45.20	-09 27.3	19.7	-0.85	- 5.8	2.5/16.0	61211	2000 RS ₃₇	2004 09 18.8	23 46.17	-03 05.5	17.3	-1.10	+ 1.3	0.7/18.5	66143
2003 EW ₂₂	2004 09 18.6	23 45.20	-05 21.6	19.4	-0.91	- 6.7	1.4/17.4	47341	2000 UG ₉₅	2004 09 18.8	23 46.19	+00 16.1	18.5	-0.89	- 2.5	0.8/19.4	33292
2000 WN ₇₀	2004 09 18.6	23 45.23	+17 55.3	18.2	-0.85	- 5.1	6.8/25.4	66171	2000 TE ₅₀	2004 09 18.8	23 46.20	-09 09.2	18.8	-0.77	- 9.9	2.6/16.0	66163
2002 AT ₁₂₃	2004 09 18.6	23 45.24	+00 08.6	19.1	-0.95	- 5.3	0.7/19.2	27810	2000 YC ₉₁	2004 09 18.8	23 46.21	-21 04.2	18.4	-0.77	- 4.8	6.4/11.9	48001
2000 SY ₆₂	2004 09 18.6	23 45.25	+00 55.2	18.9	-0.86	- 5.8	0.9/19.5	47945	2001 VV ₅	2004 09 18.8	23 46.27	-14 19.8	18.1	-0.91	- 4.1	6.5/14.8	66236
2000 SN ₂₁₁	2004 09 18.6	23 45.27	-18 25.6	17.8	-0.86	- 3.9	7.4/12.9	7588	1999 VB ₉₉	2004 09 18.9	23 46.20	+02 59.5	19.0	-0.69	- 5.3	1.2/20.5	30334
2000 YS ₇₈	2004 09 18.6	23 45.27	-22 17.7	18.4	-0.78	- 4.3	6.0/11.4	31931	2003 FG ₉₆	2004 09 18.9	23 46.21	-04 52.3	20.0	-1.01	- 3.9	1.2/17.9	48355
2000 OL ₁	2004 09 18.6	23 45.28	-00 06.6	21.8	-0.90	- 8.0	0.5/19.1	46413	6222 P-L	2004 09 18.9	23 46.22	+01 08.9	19.0	-0.84	- 6.2	1.4/19.8	48387
2002 BU ₂₄	2004 09 18.6	23 45.33	-25 45.8	18.7	-0.83	- 6.2	7.7/09.6	30633	2000 SR ₂₄	2004 09 18.9	23 46.24	+04 21.6	18.1	-0.97	- 2.1	2.0/20.6	66148
2001 YC ₁₂₆	2004 09 18.6	23 45.38	-07 20.7	17.8	-0.99	- 3.4	2.7/16.9	30601	2002 EX ₅₉	2004 09 18.9	23 46.26	-00 17.2	19.8	-0.78	- 4.9	0.4/19.3	38333
2000 UN ₅₀	2004 09 18.6	23 45.46	-23 06.3	18.8	-0.91	- 2.9	7.2/11.6	31919	2001 XY ₁₅	2004 09 18.9	23 46.29	-09 22.5	17.2	-0.81	- 5.7	4.0/16.2	66245
2002 CG ₁₄₅	2004 09 18.6	23 45.47	-04 16.1	20.1	-0.78	- 8.3	0.8/17.7	30669	2004 LQ ₁₆	2004 09 18.9	23 46.30	+05 23.7	17.3	-0.65	-10.8	3.3/21.7	65862
2001 UZ ₁₀₆	2004 09 18.6	23 45.53	-09 27.0	19.7	-1.01	- 4.7	3.0/16.3	46814	1999 VC ₉₂	2004 09 18.9	23 46.30	+03 22.2	18.2	-0.71	- 7.5	1.5/20.7	33839
2002 EV ₆₆	2004 09 18.6	23 45.54	+00 29.0	18.2	-0.78	- 6.4	0.7/19.4	30007	2001 VE ₁₁₀	2004 09 18.9	23 46.32	+05 42.9	20.1	-0.92	- 6.6	2.6/21.3	48154
2001 XZ ₈₀	2004 09 18.6	23 45.56	-07 13.0	20.3	-0.89	- 5.9	1.9/16.8	48164	2002 AL ₃	2004 09 18.9	23 46.34	-02 31.0	18.4	-0.99	- 3.6	0.4/18.6	47120
2003 JU ₈	2004 09 18.7	23 45.48	+01 25.6	19.9	-0.75	- 9.2	1.0/19.8	50765	1997 PA	2004 09 18.9	23 46.36	+14 44.5	17.0	-0.95	+ 3.7	9.4/23.3	66061

2000 WC ₇	2004 09 18.9	23 46.41	-16 57.9	18.3	-0.85	- 2.6	4.5/14.0	33886	2002 CO ₅₀	2004 09 19.2	23 47.63	-01 16.1	19.7	-0.93	- 5.4	0.0/19.3	30645
2000 RB ₂₂	2004 09 18.9	23 46.55	+03 20.1	17.9	-0.57	-14.6	2.1/21.0	66143	2002 EZ ₁₂₂	2004 09 19.2	23 47.65	+02 46.6	19.2	-0.78	- 3.9	1.3/20.6	35175
2002 CD ₂₁	2004 09 18.9	23 46.56	+15 51.8	19.4	-0.99	- 1.9	6.1/24.1	30639	2001 XV ₁₇	2004 09 19.2	23 47.69	-09 52.0	18.9	-1.01	- 4.5	3.4/16.7	23947
2002 BH ₅	2004 09 18.9	23 46.58	-08 51.2	19.8	-0.97	- 2.4	2.4/16.8	48195	2002 AE ₂₈	2004 09 19.2	23 47.69	+03 11.2	19.6	-0.91	- 4.4	1.5/20.7	30607
2001 YJ ₅₂	2004 09 18.9	23 46.59	+01 11.5	19.6	-0.92	- 5.4	1.0/19.8	48177	2002 AJ ₁₂₃	2004 09 19.2	23 47.70	-05 18.6	18.6	-0.95	- 5.2	1.6/18.0	30618
2002 AG ₁₅₇	2004 09 18.9	23 46.59	-03 35.4	20.0	-0.78	- 6.5	0.7/18.3	48192	2001 YH ₄₂	2004 09 19.2	23 47.70	-01 29.3	19.4	-0.97	- 5.0	0.1/19.2	30595
1999 TD ₁₅₂	2004 09 18.9	23 46.62	-19 35.4	19.8	-0.88	- 2.2	5.5/13.2	31868	2000 SJ ₂₃₇	2004 09 19.3	23 47.65	-06 24.0	18.4	-0.83	- 3.9	2.3/17.7	66157
1997 GR ₁₀	2004 09 18.9	23 46.63	-08 27.6	20.1	-0.83	- 2.7	2.1/16.8	28962	2000 YC ₃₈	2004 09 19.3	23 47.69	-23 59.6	18.0	-0.75	- 6.4	7.0/10.7	52720
2003 AU ₈₁	2004 09 18.9	23 46.65	+01 50.2	18.5	-1.59	+ 3.9	1.6/19.6	66302	2001 XK ₂₄₆	2004 09 19.3	23 47.71	-03 19.2	20.7	-0.94	- 5.5	0.7/18.7	50581
2003 FS ₁₀₇	2004 09 19.0	23 46.61	-06 29.8	19.2	-0.85	- 8.1	1.8/17.3	47482	2002 AP ₇₀	2004 09 19.3	23 47.75	-02 48.3	19.0	-0.92	- 5.2	0.5/18.9	48187
2000 RK ₉₂	2004 09 19.0	23 46.64	-01 20.0	16.9	-1.14	+ 3.0	0.1/19.0	66146	2000 GA ₁₆	2004 09 19.3	23 47.75	-03 51.6	18.9	-1.06	- 4.2	1.1/18.6	19586
2001 DX ₈₆	2004 09 19.0	23 46.66	+02 31.8	18.7	-0.92	- 0.6	1.4/20.1	66184	2001 XV ₁₁₁	2004 09 19.3	23 47.76	-12 23.4	17.7	-0.83	- 9.9	4.8/15.2	23971
1999 AD ₁₀	2004 09 19.0	23 46.68	+03 05.0	19.2	-0.59	- 4.3	1.0/20.6	33792	2002 GX ₆₅	2004 09 19.3	23 47.77	+02 46.1	19.5	-0.70	- 7.6	1.2/20.8	31534
2001 VU ₁₉	2004 09 19.0	23 46.69	+07 25.7	18.9	-0.79	- 8.2	4.4/22.3	46868	1999 VZ ₁₉₇	2004 09 19.3	23 47.79	-15 08.9	19.7	-0.75	- 5.3	4.3/14.5	30336
2000 YH ₃₄	2004 09 19.0	23 46.69	-14 28.9	20.3	-0.67	- 7.3	3.3/14.1	47998	1999 XY ₂	2004 09 19.3	23 47.84	-11 22.4	19.7	-0.73	- 4.6	2.8/15.9	66101
2002 JX ₁₇	2004 09 19.0	23 46.70	+03 50.3	19.3	-0.70	- 5.0	1.4/20.9	31631	2002 GW ₉₂	2004 09 19.3	23 47.85	+00 58.9	19.6	-0.81	- 2.6	0.7/20.1	31564
2002 ET ₆₁	2004 09 19.0	23 46.71	+00 14.5	21.3	-0.74	- 4.9	0.5/19.6	30712	2001 UV ₁₁	2004 09 19.3	23 47.90	-13 15.3	17.7	-0.83	- 4.3	6.2/15.5	66228
2003 FB ₁₅	2004 09 19.0	23 46.71	+00 20.0	20.8	-0.95	- 8.2	0.6/19.6	48343	2000 RN ₅	2004 09 19.3	23 47.92	-02 40.2	17.4	-0.97	+ 0.1	0.6/19.0	13719
2003 GL ₄	2004 09 19.0	23 46.81	-03 51.0	19.5	-0.97	- 4.4	0.9/18.3	47504	2001 TV ₃₃	2004 09 19.3	23 47.98	+03 48.8	17.6	-1.02	- 1.6	2.6/20.8	30473
3277 T-3	2004 09 19.0	23 46.82	-04 19.9	18.0	-0.84	- 4.5	1.1/18.1	66424	2003 FS ₁₀₁	2004 09 19.3	23 48.00	-03 54.2	20.0	-1.05	- 4.1	1.0/18.6	47473
2002 CC ₁₉₉	2004 09 19.0	23 46.85	-07 28.9	19.8	-0.79	- 6.1	2.2/17.0	48209	1994 AY ₁₃	2004 09 19.3	23 48.02	-10 18.9	21.0	-0.85	- 6.0	2.9/16.4	47690
2002 BE ₁₃	2004 09 19.0	23 46.88	-06 32.6	17.0	-1.11	- 0.2	2.4/17.7	27820	2001 VJ ₄₄	2004 09 19.3	23 48.02	-05 12.8	19.5	-0.93	- 5.9	1.4/18.1	30538
2002 CQ ₁₆₁	2004 09 19.0	23 46.88	-15 53.5	20.2	-0.75	- 5.4	4.0/14.1	29849	1998 HZ ₁₁₅	2004 09 19.3	23 48.04	-11 34.6	18.8	-0.78	- 6.3	3.2/15.8	47731
2002 AJ ₁₆₇	2004 09 19.0	23 46.88	+14 07.5	20.6	-0.92	- 2.9	4.7/23.9	30625	2001 CZ ₃₆	2004 09 19.3	23 48.04	+02 40.1	18.9	-0.72	- 6.1	1.2/20.8	30450
2001 TB ₁₉	2004 09 19.0	23 46.93	-32 58.8	20.1	-1.28	- 0.1	10.4/09.6	30473	1999 TS ₅₃	2004 09 19.3	23 48.05	+00 49.5	19.2	-0.76	- 4.3	0.6/20.1	47802
2000 SK ₂₉₂	2004 09 19.0	23 46.97	+08 45.4	18.5	-1.04	+ 1.5	4.7/21.7	66159	2001 XB ₆₂	2004 09 19.4	23 48.03	+09 57.5	18.1	-0.95	- 5.5	4.5/23.0	65195
1999 CA ₇	2004 09 19.0	23 46.99	-31 17.5	19.7	-0.95	-10.7	10.0/06.6	64659	2000 QL ₉₉	2004 09 19.4	23 48.05	-05 35.5	17.6	-0.93	- 1.6	2.0/18.2	66136
1999 TA ₁₁₅	2004 09 19.0	23 46.99	+02 55.6	18.1	-0.84	- 2.6	1.3/20.4	30321	2002 FT ₁	2004 09 19.4	23 48.06	-21 41.7	19.0	-0.78	- 3.3	5.6/12.5	30729
2002 ET ₆₃	2004 09 19.1	23 46.95	+03 52.1	21.5	-0.78	- 3.5	1.4/20.8	30713	2000 WT ₁₄₉	2004 09 19.4	23 48.10	+12 25.7	19.7	-0.77	- 7.0	4.2/24.4	50508
2001 XK ₁₁₅	2004 09 19.1	23 47.02	-12 09.6	17.1	-0.94	- 0.9	5.5/16.0	66250	1999 FA ₃	2004 09 19.4	23 48.10	-02 20.5	20.0	-0.96	- 5.2	0.4/19.1	47772
2001 WA ₄₇	2004 09 19.1	23 47.03	+00 19.1	18.4	-0.83	- 6.9	0.9/19.7	62382	1999 TS ₁₇₈	2004 09 19.4	23 48.11	-09 24.3	19.4	-0.78	- 4.1	2.5/16.7	33108
2001 CM ₆	2004 09 19.1	23 47.14	-04 30.7	20.2	-0.72	- 4.6	0.8/18.1	35007	2002 ES ₁₂₁	2004 09 19.4	23 48.17	-03 47.8	20.3	-0.79	- 5.7	0.9/18.6	35175
1999 TY ₅₃	2004 09 19.1	23 47.16	-11 58.3	20.9	-0.85	- 1.8	2.8/15.9	47802	2002 AL ₁₀₃	2004 09 19.4	23 48.17	-04 46.6	17.4	-0.85	- 4.0	1.7/18.3	66261
2001 BH ₂₇	2004 09 19.1	23 47.28	-13 48.6	18.9	-0.71	- 6.7	3.9/14.6	30447	2001 AG ₃₉	2004 09 19.4	23 48.23	-22 29.4	19.5	-0.71	- 6.3	6.0/11.4	29667
2000 UT ₂₂	2004 09 19.1	23 47.29	-07 29.4	18.0	-0.80	- 6.8	2.3/17.1	66164	2003 GS ₈	2004 09 19.4	23 48.26	-00 03.0	20.1	-0.90	- 6.6	0.4/19.9	50759
2000 SK ₁₄₆	2004 09 19.1	23 47.29	+03 50.8	19.0	-0.86	- 6.9	2.0/20.9	30395	2001 BT ₈	2004 09 19.4	23 48.37	+04 34.5	18.5	-0.80	- 3.0	1.9/21.3	14260
2000 RD ₄₈	2004 09 19.1	23 47.32	+03 12.4	18.7	-0.97	- 1.7	1.7/20.5	66144	2002 HB ₁₄	2004 09 19.4	23 48.39	-40 09.6	19.1	-1.34	+ 2.4	13.1/06.8	66277
2000 SF ₃₀	2004 09 19.2	23 47.29	-00 59.8	19.3	-0.76	-10.1	0.2/19.3	47942	2003 FR ₆₁	2004 09 19.4	23 48.39	-09 43.8	20.1	-0.94	- 8.0	3.2/16.6	62443
1999 TA ₁₉	2004 09 19.2	23 47.32	-21 08.3	18.6	-0.91	- 0.8	6.1/13.2	47800	2001 XS ₂₅₇	2004 09 19.4	23 48.40	+00 27.4	18.9	-1.01	- 4.2	0.8/20.0	33514
1999 TR ₁₃₆	2004 09 19.2	23 47.34	+07 24.7	19.0	-0.70	- 7.6	2.8/22.5	31281	2002 BH ₁₄	2004 09 19.5	23 48.35	-02 33.0	20.0	-0.83	- 6.3	0.4/19.1	30631
2000 YV ₉₈	2004 09 19.2	23 47.37	+10 48.4	19.9	-0.76	- 4.0	3.5/23.3	33890	2002 ET ₁₂₀	2004 09 19.5	23 48.45	+03 34.0	20.9	-0.83	- 2.8	1.5/21.0	31983
2000 SQ ₂₃₉	2004 09 19.2	23 47.37	-08 45.8	19.4	-1.03	- 1.2	2.7/17.2	66157	2001 XN ₁₉₄	2004 09 19.5	23 48.46	+04 14.7	19.3	-0.90	- 5.9	2.0/21.3	30583
1999 CM ₆₅	2004 09 19.2	23 47.39	+10 55.8	18.8	-0.98	- 5.5	5.0/23.2	50403	1998 HS ₅₉	2004 09 19.5	23 48.51	-00 14.8	20.7	-0.79	- 5.4	0.3/19.9	62223
2002 CH ₅	2004 09 19.2	23 47.42	-10 10.8	18.9	-0.85	- 8.0	3.6/16.1	30636	2002 AJ ₅₁	2004 09 19.5	23 48.53	+02 42.4	19.9	-0.86	- 5.4	1.3/20.8	27803
4109 T-2	2004 09 19.2	23 47.46	-05 42.2	18.9	-0.80	- 9.6	1.7/17.6	48391	1999 XW ₂₃	2004 09 19.5	23 48.54	+11 44.8	17.8	-0.73	- 5.9	4.2/24.2	50441
1999 RW ₈₇	2004 09 19.2	23 47.48	-04 44.6	17.9	-0.79	- 4.5	1.1/18.1	66089	2002 AK ₂₁	2004 09 19.5	23 48.58	-35 55.7	17.4	-0.98	- 9.7	12.0/04.1	50585
2001 WV ₁₀	2004 09 19.2	23 47.48	+06 08.1	19.0	-0.87	- 9.6	3.1/22.0	48156	2000 YJ ₁₀₉	2004 09 19.5	23 48.63	+11 18.4	18.9	-0.83	- 3.0	4.1/23.6	30443
2000 VY ₄₂	2004 09 19.2	23 47.50	+02 16.3	18.3	-0.83	- 5.2	1.4/20.4	29516	2001 VK ₃₇	2004 09 19.5	23 48.67	-17 14.9	19.1	-0.96	- 4.3	7.8/14.2	46880
1995 HD ₄	2004 09 19.2	23 47.52	-07 49.7	19.8	-0.89	- 6.1	2.2/17.1	25682	2002 AF ₁₃₉	2004 09 19.5	23 48.67	+12 43.3	19.5	-1.01	- 1.5	4.9/23.6	30620
1184 T-3	2004 09 19.2	23 47.54	+14 21.6	18.8	-0.72	- 7.5	5.0/25.1	66424	2000 QA ₁₃₄	2004 09 19.5	23 48.71	-03 24.4	18.4	-0.95	- 5.2	0.9/18.9	66138
2002 GS ₃₉	2004 09 19.2	23 47.61	+02 24.2	19.5	-0.83	- 2.0	1.1/20.4	33545	2000 SD ₁₉₈	2004 09 19.5	23 48.72	-02 55.7	18.7	-0.90	- 4.5	0.7/19.0	47958

2003 GP ₃₇	2004 09 19.6	23 48.71 -01 00.3 20.5	-0.89 - 5.1	0.1/19.7	47529	2002 CP ₃₁	2004 09 19.8	23 49.78 -02 18.7 18.9	-0.95 - 3.5	0.4/19.5	27829
2001 UU ₅₇	2004 09 19.6	23 48.71 -04 24.5 20.0	-1.05 - 4.6	1.3/18.7	46799	2002 AG ₈₈	2004 09 19.8	23 49.79 -07 01.6 19.9	-0.83 - 6.7	1.8/17.9	27806
2001 VS ₇	2004 09 19.6	23 48.77 -05 36.9 18.3	-0.89 - 2.1	2.4/18.3	30530	1999 RP ₁₁₀	2004 09 19.8	23 49.79 +10 40.3 18.2	-0.84 - 2.6	3.8/23.6	66089
2002 CM ₁₆₂	2004 09 19.6	23 48.79 -23 17.8 20.0	-0.72 - 6.9	6.1/11.4	50593	2002 CN ₁₆₁	2004 09 19.8	23 49.79 -00 24.4 20.0	-0.93 - 4.0	0.3/20.1	48207
1999 VA ₃	2004 09 19.6	23 48.79 -01 58.3 20.7	-0.69 - 4.9	0.2/19.4	33836	2001 VC ₅	2004 09 19.8	23 49.80 +17 41.8 17.9	-0.81 - 4.8	9.9/26.8	30529
2000 JZ ₃₄	2004 09 19.6	23 48.81 +09 18.7 17.0	-0.76 - 7.8	5.2/23.5	66124	1999 TG ₂₂₁	2004 09 19.8	23 49.85 -03 40.4 18.3	-0.87 - 1.7	0.8/19.1	66096
2002 EG ₁₂₃	2004 09 19.6	23 48.82 +04 28.1 20.3	-0.80 - 6.0	1.8/21.6	30071	2002 CY ₁₃₄	2004 09 19.9	23 49.80 -01 57.8 18.6	-0.85 - 9.7	0.4/19.6	66269
2003 EG ₁₁	2004 09 19.6	23 48.82 +00 45.5 18.5	-1.01 - 2.0	0.7/20.2	48332	2000 RC ₄₅	2004 09 19.9	23 49.81 +03 24.5 17.3	-0.94 - 3.0	1.6/21.3	66144
2000 UP ₁₃	2004 09 19.6	23 48.87 -05 23.3 18.1	-0.83 - 3.4	1.9/18.3	9844	2000 BE ₄₀	2004 09 19.9	23 49.88 +36 32.6 19.9	-1.52 + 7.1	19.6/29.1	15667
2000 SZ ₇₀	2004 09 19.6	23 48.95 -06 12.2 19.1	-0.92 - 4.0	2.0/18.1	47946	2002 CX ₂₉₆	2004 09 19.9	23 49.89 +00 19.0 20.3	-0.93 - 3.0	0.5/20.3	31974
1995 WT ₄	2004 09 19.6	23 48.98 +11 58.5 17.2	-0.75 - 5.1	5.6/24.3	30249	2000 JE ₁₀	2004 09 19.9	23 49.90 -45 23.1 19.0	-1.19 - 0.7	16.4/04.9	66124
1999 XQ ₁₂₄	2004 09 19.6	23 48.98 -10 39.3 18.9	-0.84 - 2.2	3.0/16.7	66102	2002 CL ₇₃	2004 09 19.9	23 49.93 +01 04.0 19.6	-0.87 - 4.5	0.8/20.6	29797
2001 XW ₂₃₃	2004 09 19.6	23 49.00 +10 40.3 18.5	-0.94 - 5.9	4.8/23.7	48173	2000 JW ₃₄	2004 09 19.9	23 49.94 +05 05.1 17.2	-0.86 - 6.7	2.9/22.1	30355
2002 CD ₁₃	2004 09 19.6	23 49.03 -23 42.7 19.3	-0.82 - 5.8	6.5/11.5	30637	2000 SH ₇₇	2004 09 19.9	23 49.94 +01 28.4 19.5	-0.88 - 4.8	1.0/20.8	30390
1999 NP ₅₉	2004 09 19.6	23 49.05 +19 37.8 17.8	-0.81 - 5.3	7.4/27.2	66087	2001 TP ₁₉₂	2004 09 19.9	23 49.96 +07 26.5 18.3	-0.96 - 6.2	3.2/22.7	66226
2002 CW ₇₇	2004 09 19.6	23 49.06 -00 04.7 19.9	-0.88 - 4.0	0.4/20.0	30652	2002 CT ₁₃₇	2004 09 19.9	23 49.97 +11 34.3 19.9	-0.83 - 4.9	4.0/24.2	48206
2000 US ₁₇	2004 09 19.6	23 49.07 -21 11.6 18.3	-0.90 - 3.6	6.3/13.0	66164	2000 SH ₆₃	2004 09 19.9	23 49.99 -07 30.7 19.1	-0.96 - 3.2	2.8/18.0	7567
1999 FO ₁₈	2004 09 19.6	23 49.10 -03 53.2 20.0	-1.00 - 3.7	0.9/18.9	23481	2000 WR ₇₉	2004 09 19.9	23 50.00 +00 14.5 18.7	-0.84 - 4.5	0.5/20.4	66171
2001 CT ₁₄	2004 09 19.6	23 49.10 -16 42.6 20.4	-0.70 - 5.1	3.8/14.1	49897	2002 CW ₂₁₇	2004 09 19.9	23 50.03 -05 10.6 19.2	-0.72 - 4.8	1.2/18.6	48210
2000 SR ₁₀₈	2004 09 19.6	23 49.11 -02 55.2 17.9	-0.87 - 4.4	0.7/19.1	66152	2000 UR ₈₀	2004 09 19.9	23 50.06 +06 30.8 19.0	-0.81 - 5.8	2.7/22.5	27737
2000 SQ ₂₁₇	2004 09 19.6	23 49.14 -10 34.8 17.5	-0.87 - 8.2	3.4/16.3	66156	2001 WW ₆	2004 09 19.9	23 50.08 -13 27.8 20.5	-1.01 - 5.4	4.4/16.0	30552
1999 KX ₁₂	2004 09 19.6	23 49.14 -05 34.4 19.7	-0.84 - 6.3	1.5/18.2	47783	2000 SS ₂₃₂	2004 09 19.9	23 50.09 +27 34.4 18.8	-0.73 -16.2	10.0/03.1	9832
2000 SY ₂₇₇	2004 09 19.7	23 49.12 +00 42.2 18.6	-0.86 - 5.0	0.7/20.3	30403	2002 CO ₁₈	2004 09 19.9	23 50.09 -05 12.1 20.5	-0.95 - 2.4	1.3/18.8	30639
2002 CJ ₁₀₃	2004 09 19.7	23 49.13 +00 26.2 20.3	-0.88 - 2.8	0.5/20.2	48203	1993 FL ₆₉	2004 09 19.9	23 50.11 +01 14.6 19.6	-0.83 - 4.3	0.7/20.7	33754
2002 EC ₈₄	2004 09 19.7	23 49.18 -03 55.8 19.2	-0.71 - 6.3	0.9/18.8	50598	1999 RK ₂₃₇	2004 09 19.9	23 50.13 -16 42.2 18.2	-0.85 - 2.5	5.4/15.1	47798
2000 TV ₅₁	2004 09 19.7	23 49.21 -09 32.9 19.6	-0.95 - 2.5	2.5/17.2	30409	2000 UN ₇₀	2004 09 19.9	23 50.13 +05 53.2 17.7	-0.69 - 4.6	3.5/22.4	64873
1996 VV ₃₇	2004 09 19.7	23 49.21 -04 20.5 19.1	-0.76 - 9.1	1.4/18.6	19281	2001 XV ₈₀	2004 09 19.9	23 50.13 -15 09.4 18.5	-0.92 - 5.1	5.6/15.4	66249
2000 NF ₁₆	2004 09 19.7	23 49.25 +04 06.9 17.2	-0.99 - 2.4	2.3/21.3	66129	2000 WF ₇₁	2004 09 19.9	23 50.14 +09 06.3 18.2	-0.83 - 4.1	2.9/23.3	66171
2000 RS ₃₀	2004 09 19.7	23 49.25 +07 56.3 18.1	-1.06 + 0.1	3.8/22.1	66143	2001 YN	2004 09 19.9	23 50.14 -48 28.8 18.3	-1.07 - 6.6	18.4/01.0	65242
2000 SY ₁₉₉	2004 09 19.7	23 49.26 +01 35.4 19.5	-0.83 - 6.6	0.9/20.7	47958	1999 HW ₉	2004 09 19.9	23 50.18 +01 34.8 20.6	-0.89 - 6.0	0.9/20.9	50407
2000 XM ₄₂	2004 09 19.7	23 49.31 -04 20.5 16.9	-1.09 + 2.0	1.4/19.0	66178	2002 GK ₁₀₇	2004 09 19.9	23 50.18 -19 09.8 21.7	-0.72 - 5.0	4.4/13.6	31580
1999 VN ₂₁₃	2004 09 19.7	23 49.31 -13 24.2 19.4	-0.81 - 6.6	4.3/15.3	47826	2001 TR ₁₁₁	2004 09 19.9	23 50.22 +04 35.7 19.2	-1.00 - 5.8	2.2/21.8	30485
1999 TG ₁₂₉	2004 09 19.7	23 49.32 -00 35.5 18.1	-0.83 - 3.2	0.2/19.9	66094	2002 GJ ₁₆	2004 09 20.0	23 50.19 -07 09.6 19.6	-0.76 - 3.7	1.7/18.0	33978
2003 FY ₁₁₄	2004 09 19.7	23 49.40 +01 03.1 20.8	-0.94 - 6.0	0.8/20.5	50183	2004 PD ₁₀₁	2004 09 20.0	23 50.31 +07 03.8 17.9	-1.02 + 1.0	3.6/22.2	65978
2001 XQ ₁₇₅	2004 09 19.7	23 49.42 +00 46.8 20.2	-0.92 - 6.3	0.7/20.4	27331	2002 CT ₆₃	2004 09 20.0	23 50.31 -12 42.7 18.2	-0.97 - 0.2	4.3/16.9	66267
2001 BK	2004 09 19.7	23 49.42 -10 31.2 19.6	-0.74 - 4.6	2.7/16.6	22763	1994 WG ₅	2004 09 20.0	23 50.31 -08 08.4 18.2	-1.00 - 5.1	2.9/17.8	66053
1998 YL ₂₁	2004 09 19.7	23 49.42 +05 13.2 20.3	-0.98 - 5.7	2.4/21.8	47762	2000 UO ₅₇	2004 09 20.0	23 50.34 +05 06.6 19.2	-0.87 - 4.9	2.3/22.0	29467
2000 YL ₁₁₁	2004 09 19.7	23 49.45 -19 55.0 19.5	-0.75 - 5.1	5.3/13.0	48002	2002 EG ₃₀	2004 09 20.0	23 50.35 -06 40.5 19.9	-0.79 - 7.1	1.7/18.1	30706
2003 GG ₅₀	2004 09 19.7	23 49.48 -21 23.0 18.7	-0.95 + 0.3	7.8/14.2	66311	2000 UN ₁₀₀	2004 09 20.0	23 50.36 +04 03.2 19.1	-0.84 - 4.3	1.7/21.7	30417
2002 CH ₁₁₁	2004 09 19.8	23 49.47 -06 30.9 20.9	-0.80 - 7.8	1.7/17.9	30661	2000 FQ ₄₅	2004 09 20.0	23 50.36 -08 09.5 19.1	-0.97 - 7.6	2.8/17.7	66116
2000 WO ₃₀	2004 09 19.8	23 49.47 +04 07.7 18.5	-0.76 - 8.1	1.8/21.7	29539	2001 XS ₆₀	2004 09 20.0	23 50.45 +15 15.8 18.7	-0.93 - 6.5	6.3/25.7	66247
1998 QS ₆₀	2004 09 19.8	23 49.50 +06 31.8 19.1	-0.81 - 2.3	2.2/22.2	33029	2002 CR ₂₆₅	2004 09 20.0	23 50.48 +03 06.3 21.3	-0.88 - 4.2	1.3/21.4	47188
2002 CS ₁₅₅	2004 09 19.8	23 49.54 -05 28.9 19.2	-0.83 - 3.9	1.3/18.4	48207	2000 WK ₂₈	2004 09 20.0	23 50.53 -29 33.6 17.8	-0.94 - 4.0	11.0/09.2	66170
1999 TN ₁₂₀	2004 09 19.8	23 49.57 +07 24.1 19.2	-0.72 - 7.0	2.9/22.9	47806	2003 MD ₄	2004 09 20.0	23 50.53 -05 31.4 20.8	-0.72 - 5.6	1.3/18.5	50226
1999 US ₂₀	2004 09 19.8	23 49.58 -04 42.5 19.6	-0.77 - 5.1	1.2/18.6	47815	2002 AX ₁₈	2004 09 20.0	23 50.54 -27 07.9 18.3	-0.85 - 8.1	8.8/09.7	30605
1999 GY ₆₂	2004 09 19.8	23 49.63 -07 58.2 19.4	-1.04 - 1.7	2.5/18.0	66084	1998 BU	2004 09 20.0	23 50.57 -01 04.4 19.2	-0.88 - 4.4	0.0/20.1	47721
2000 RW ₃₆	2004 09 19.8	23 49.64 +02 41.9 18.0	-0.60 - 9.0	1.9/21.0	9807	2000 SE ₇₅	2004 09 20.0	23 50.57 -07 41.7 18.2	-0.76 - 6.7	2.9/17.8	66150
2002 EQ ₁₃₇	2004 09 19.8	23 49.67 +08 47.9 19.8	-0.74 - 4.8	2.8/23.3	48223	1006 T-2	2004 09 20.1	23 50.51 +01 11.5 18.7	-0.60 - 5.1	0.6/21.0	33736
2002 AQ ₂₄	2004 09 19.8	23 49.71 -29 09.6 19.1	-0.82 - 8.8	9.3/08.5	66259	2002 GA ₅₇	2004 09 20.1	23 50.52 -03 57.7 19.0	-0.91 - 0.7	1.0/19.3	31529
2001 YC ₁₀₄	2004 09 19.8	23 49.72 -18 56.4 19.3	-0.82 - 5.9	5.4/13.7	50583	2002 CF ₄₂	2004 09 20.1	23 50.55 +08 31.8 20.8	-0.81 - 7.7	3.1/23.5	48200
1999 TH ₃₈	2004 09 19.8	23 49.77 +01 07.4 18.7	-0.69 - 8.1	0.7/20.7	29113	1999 JL ₁₀₀	2004 09 20.1	23 50.61 -01 36.4 19.0	-0.77 -10.5	0.2/19.9	66086

2000 YP ₈₇	2004 09 20.1	23 50.64	-24 25.7	18.6	-0.75	- 5.3	7.1/11.5	48000	2002 CQ ₅₅	2004 09 20.4	23 51.97	-01 30.3	19.8	-0.78	- 6.7	0.2/20.3	48200
1999 SQ ₁₅	2004 09 20.1	23 50.79	+12 57.8	18.8	-0.76	- 5.3	4.4/25.0	30316	2000 GF ₁₅₈	2004 09 20.5	23 51.95	-11 22.2	17.2	-1.11	+ 0.9	5.5/17.9	66120
1999 CK ₁₅₉	2004 09 20.1	23 50.81	-01 55.9	19.9	-0.90	- 6.8	0.3/19.9	47771	2000 UW ₆₆	2004 09 20.5	23 51.95	+15 59.7	19.8	-0.80	- 7.3	5.9/26.7	47979
2000 YT ₇₁	2004 09 20.1	23 50.81	-02 35.7	18.2	-0.75	- 5.5	0.5/19.6	66179	2003 FM ₁₀₄	2004 09 20.5	23 52.09	+00 58.6	20.5	-0.82	- 8.0	0.6/21.2	47476
2001 XV ₂₅	2004 09 20.1	23 50.86	-08 03.0	19.2	-0.95	- 4.8	2.4/18.0	30564	2002 CS ₆₄	2004 09 20.5	23 52.12	+04 06.8	19.9	-0.96	- 2.2	1.8/22.0	48201
2000 KN ₃₄	2004 09 20.2	23 50.91	-16 53.8	19.8	-0.97	- 4.1	6.9/15.2	47897	2001 YO ₆₀	2004 09 20.5	23 52.14	-12 52.6	19.7	-0.92	- 4.9	4.2/16.7	50583
1999 XJ ₁₀	2004 09 20.2	23 50.97	+19 48.5	19.0	-0.77	- 4.7	6.6/27.6	47828	2001 DD ₄₀	2004 09 20.5	23 52.14	-05 11.1	20.2	-0.68	- 8.0	1.3/18.9	48011
2003 LH ₆	2004 09 20.2	23 50.98	-01 49.0	19.6	-0.75	- 4.5	0.3/19.9	62445	1999 XN ₇₂	2004 09 20.5	23 52.14	+17 37.3	18.0	-0.74	- 4.8	6.6/27.1	1552
2000 OP ₅₄	2004 09 20.2	23 50.98	+06 28.8	18.1	-0.97	- 4.8	3.0/22.5	66131	5458 T-2	2004 09 20.5	23 52.17	+08 44.1	18.2	-1.01	- 4.6	3.8/23.5	66424
2002 AM ₅₁	2004 09 20.2	23 51.04	-02 07.8	21.9	-0.82	- 5.8	0.3/19.9	27803	2000 TO ₁₁	2004 09 20.5	23 52.18	-04 01.3	18.9	-0.89	- 4.9	1.2/19.5	60722
1999 XF ₅₁	2004 09 20.2	23 51.06	-03 57.6	19.2	-0.74	- 4.6	0.9/19.2	47830	2001 XE ₂₁₄	2004 09 20.5	23 52.21	-03 52.2	18.5	-0.79	- 8.8	1.5/19.5	66253
2000 TS ₆	2004 09 20.2	23 51.10	-05 37.8	19.9	-1.03	- 1.8	1.6/19.0	46501	2000 ST ₃₅₇	2004 09 20.5	23 52.23	-26 39.9	18.0	-0.69	- 5.7	12.1/09.7	64860
2000 SC ₅₉	2004 09 20.2	23 51.11	+23 06.6	17.9	-0.77	- 7.5	9.6/29.9	47948	2000 YT ₄	2004 09 20.5	23 52.24	+22 51.9	19.3	-0.73	- 6.2	10.2/30.0	20834
2002 AA ₂₄	2004 09 20.2	23 51.11	+01 00.2	19.6	-0.91	- 6.7	0.8/20.9	48185	2000 YK ₉₉	2004 09 20.5	23 52.25	+15 48.2	20.1	-0.73	- 3.3	3.9/26.2	13801
2001 XU ₁₀₈	2004 09 20.2	23 51.17	+11 05.6	17.0	-0.97	+ 2.4	6.6/23.4	65209	2002 CA ₂₈₈	2004 09 20.5	23 52.28	+16 25.2	19.5	-0.82	- 6.0	5.1/26.7	31973
2003 BW ₈₁	2004 09 20.2	23 51.17	+03 54.9	18.9	-0.98	- 2.9	1.6/21.7	48323	2001 XC ₄₉	2004 09 20.5	23 52.28	-07 32.5	20.9	-0.96	- 5.5	2.4/18.4	46977
2000 SX ₇₀	2004 09 20.2	23 51.21	-05 44.6	17.6	-0.83	- 6.4	1.7/18.7	66150	2002 AP ₃₂	2004 09 20.5	23 52.29	+01 15.0	20.8	-0.90	- 3.6	0.7/21.2	27375
2001 XK ₁₁₈	2004 09 20.2	23 51.25	-24 37.6	19.0	-0.88	- 5.1	7.9/11.9	66250	2000 SE ₂₃₀	2004 09 20.5	23 52.30	-03 42.2	18.8	-0.87	- 4.5	1.2/19.7	9832
2002 EK	2004 09 20.2	23 51.26	-51 10.0	20.3	-1.18	- 1.8	13.4/01.0	31976	2002 AG ₁₁₉	2004 09 20.5	23 52.31	+12 18.4	19.5	-0.98	- 1.7	4.4/24.4	30617
2003 HY ₅	2004 09 20.2	23 51.26	-16 27.6	20.0	-0.86	- 6.5	5.1/14.9	50761	1999 CZ ₇₅	2004 09 20.5	23 52.34	+09 29.8	19.5	-0.99	- 4.1	3.6/23.8	47768
2000 QA ₆₆	2004 09 20.2	23 51.30	-16 12.0	19.2	-1.05	- 0.9	4.8/16.1	47915	2000 RB ₂	2004 09 20.5	23 52.35	-00 40.2	17.4	-0.96	- 2.6	10.6/01.0	66142
1993 FQ ₁₅	2004 09 20.3	23 51.24	-08 13.8	19.5	-0.57	- 4.8	1.6/17.7	50368	2000 SG ₁₄₀	2004 09 20.6	23 52.35	+04 30.3	19.0	-0.84	- 5.1	2.2/22.4	30394
2003 HF ₄₈	2004 09 20.3	23 51.24	-15 56.3	18.7	-0.98	- 0.4	5.1/16.2	66312	1997 TH ₂₁	2004 09 20.6	23 52.44	-03 04.1	19.9	-0.99	- 4.5	0.9/19.9	47716
1977 XK ₃	2004 09 20.3	23 51.24	-18 28.9	19.0	-0.86	- 4.5	5.9/14.3	50365	2002 CC ₁₆₂	2004 09 20.6	23 52.46	-14 14.7	17.6	-0.79	- 5.0	6.6/15.9	65319
2000 XW ₅₃	2004 09 20.3	23 51.30	-10 39.5	19.1	-0.81	- 5.1	3.5/17.1	66178	2000 SN ₅₂	2004 09 20.6	23 52.48	+20 14.7	18.6	-0.75	-12.0	7.2/29.4	50489
1998 YB ₁₀	2004 09 20.3	23 51.35	+04 26.3	19.6	-0.99	- 6.3	2.2/22.0	47761	2001 UH ₁₆₃	2004 09 20.6	23 52.55	-11 42.8	19.9	-1.02	- 4.8	4.3/17.3	23891
2000 YX ₄₇	2004 09 20.3	23 51.35	-14 12.2	18.8	-0.72	- 6.6	4.0/15.5	31373	1998 HN ₄₁	2004 09 20.6	23 52.57	-18 45.9	20.9	-0.91	- 2.7	5.5/15.0	47730
1999 VZ ₄₈	2004 09 20.3	23 51.36	+01 02.3	19.4	-0.81	- 3.4	0.7/21.0	64688	1996 RY ₂₅	2004 09 20.6	23 52.58	+00 32.1	17.4	-1.10	+ 1.4	0.6/21.0	66058
1993 FB ₁₅	2004 09 20.3	23 51.40	-11 22.8	19.1	-0.88	- 3.0	3.2/17.1	66050	2002 CH ₁₁₈	2004 09 20.6	23 52.61	-01 00.8	19.8	-0.87	- 6.6	0.1/20.6	38332
2000 UK ₁₁₂	2004 09 20.3	23 51.40	+09 10.8	19.9	-0.82	- 7.0	3.3/23.9	29495	1999 LV ₃₃	2004 09 20.6	23 52.61	-27 26.1	18.0	-0.83	- 3.8	10.7/11.1	66087
2000 OJ ₁₄	2004 09 20.3	23 51.43	+12 25.9	19.4	-0.95	- 4.1	5.7/24.6	47904	1999 MY	2004 09 20.6	23 52.62	+00 36.8	18.8	-0.83	- 4.8	0.5/21.1	29045
2001 XS ₂₇	2004 09 20.3	23 51.44	-08 12.3	20.4	-0.86	- 4.7	2.1/18.0	30564	2003 FW ₅₄	2004 09 20.6	23 52.65	-11 22.7	20.4	-0.96	- 5.0	3.8/17.3	47429
2002 KA	2004 09 20.3	23 51.50	-17 08.6	19.7	-0.65	- 6.2	3.9/14.3	48238	1999 TT ₁₉₀	2004 09 20.7	23 52.67	+13 09.6	19.4	-0.82	- 2.9	4.6/25.2	10453
2001 TP ₃₆	2004 09 20.3	23 51.52	+31 16.5	19.0	-0.98	- 6.6	10.7/02.5	30474	1993 ST ₁₀	2004 09 20.7	23 52.67	-02 05.8	18.7	-0.85	- 6.1	0.6/20.3	66051
2001 TQ ₄₃	2004 09 20.3	23 51.57	-20 33.8	19.3	-0.90	- 3.2	5.6/14.0	30475	2000 WH ₇₂	2004 09 20.7	23 52.70	+21 54.8	18.8	-0.82	- 5.3	6.8/29.0	30427
2003 FU ₁₀₃	2004 09 20.3	23 51.57	-01 22.0	19.4	-1.08	- 2.9	0.2/20.3	50757	2002 AQ ₄₀	2004 09 20.7	23 52.74	+01 06.5	19.4	-0.94	- 6.3	0.8/21.0	48186
2001 YG ₁₄	2004 09 20.3	23 51.58	+02 14.2	18.1	-1.01	- 4.1	1.2/21.3	30593	2002 AQ ₅₈	2004 09 20.7	23 52.76	+20 15.9	18.4	-0.99	- 2.0	7.6/27.3	66260
2001 XT ₁₉₇	2004 09 20.3	23 51.60	-11 52.1	18.7	-0.84	- 7.9	4.8/16.4	27790	2000 RP ₁₀₂	2004 09 20.7	23 52.79	+15 03.6	18.9	-0.96	- 3.0	5.2/25.7	47939
2001 XT ₁₉₃	2004 09 20.3	23 51.61	-04 53.3	20.2	-0.90	- 6.8	1.5/19.1	30583	1999 TH ₁₉₂	2004 09 20.7	23 52.80	+07 18.9	19.7	-0.80	- 3.1	2.4/23.3	47809
1997 AQ ₁₁	2004 09 20.4	23 51.64	+05 59.1	19.4	-0.82	- 5.0	2.3/22.7	47708	2003 FA ₁₉	2004 09 20.7	23 52.80	-02 52.3	18.6	-0.94	- 4.9	0.8/20.1	47404
2000 EB ₄₃	2004 09 20.4	23 51.64	-01 24.9	19.4	-0.62	- 3.3	0.1/20.2	31902	1999 FM ₄₉	2004 09 20.7	23 52.85	-07 07.3	19.7	-0.94	- 5.9	2.3/18.7	33805
2001 XU ₂₄₇	2004 09 20.4	23 51.70	-05 29.4	20.8	-0.93	- 5.2	1.6/19.0	48174	2001 XJ ₁₀	2004 09 20.7	23 52.87	+05 44.6	17.7	-1.02	- 2.1	3.0/22.6	65182
2001 WK ₄₇	2004 09 20.4	23 51.71	+10 51.5	17.4	-0.90	- 6.0	4.9/24.4	66244	2000 MG ₂	2004 09 20.7	23 52.87	-01 21.0	18.5	-0.91	- 4.9	11.3/11.0	66129
2003 GB	2004 09 20.4	23 51.80	+06 57.4	20.9	-0.74	-10.5	2.0/23.5	48360	1992 EZ ₁₃	2004 09 20.7	23 52.94	+00 17.5	20.4	-0.56	- 5.1	0.2/21.2	50367
2000 QY ₉₆	2004 09 20.4	23 51.80	-06 01.0	17.5	-0.91	- 4.0	2.2/18.9	66136	2000 HJ ₄₇	2004 09 20.7	23 52.94	+01 14.8	19.2	-0.96	- 7.2	0.8/21.4	50473
2003 FZ ₈₁	2004 09 20.4	23 51.84	-05 04.6	20.8	-0.92	- 6.9	1.5/19.1	47452	2003 GE ₂₄	2004 09 20.7	23 52.95	-04 15.5	20.9	-0.89	- 6.1	1.2/19.6	47523
2000 GN ₇₀	2004 09 20.4	23 51.84	+07 43.6	18.7	-0.86	-10.9	3.6/23.7	22137	2002 CR ₅₃	2004 09 20.7	23 53.00	+17 19.2	20.2	-0.91	- 1.4	5.0/26.4	48200
1998 HL ₆	2004 09 20.4	23 51.87	-04 40.5	20.1	-0.78	- 6.0	1.1/19.2	30267	2000 XB ₁₆	2004 09 20.7	23 53.04	+17 16.3	18.9	-0.97	- 1.9	6.6/26.4	47996
2000 SB ₁₅₆	2004 09 20.4	23 51.91	+01 14.1	18.6	-0.84	- 6.9	0.8/21.0	33262	2002 EC ₂₀	2004 09 20.8	23 53.01	-00 35.9	20.8	-0.73	- 4.8	6.5/01.0	30704
2002 EG ₇₄	2004 09 20.4	23 51.91	+04 45.7	20.5	-0.78	- 7.1	1.6/22.5	31979	1999 TX ₁₉₁	2004 09 20.8	23 53.06	+09 01.2	18.2	-0.83	- 2.6	3.2/23.9	66095
2002 EQ ₇₂	2004 09 20.4	23 51.94	-00 01.9	19.1	-0.83	- 3.6	0.3/20.7	35171	2000 RF ₉₈	2004 09 20.8	23 53.07	+23 08.6	16.9	-0.93	- 4.1	8.6/29.0	66147

2002 EE ₄₄	2004 09 20.8	23 53.13	-15 03.0	19.9	-0.84	- 4.8	4.3/16.0	29987	2002 ED ₆₇	2004 09 21.0	23 54.10	+02 41.2	18.6	-0.86	- 3.4	1.2/22.1	66274
2000 UC ₆₃	2004 09 20.8	23 53.13	+01 12.6	17.7	-0.90	- 3.3	0.9/21.0	9852	2001 YJ ₈₉	2004 09 21.1	23 54.20	-05 31.9	19.8	-0.86	- 5.1	1.7/19.5	49948
2002 EO ₅₂	2004 09 20.8	23 53.14	+00 28.9	19.3	-0.87	- 3.9	0.4/21.2	61222	2000 GY ₆₆	2004 09 21.1	23 54.27	-04 58.1	18.9	-1.08	- 3.9	1.7/19.9	47879
2003 EB ₁₆	2004 09 20.8	23 53.18	+05 40.9	19.3	-0.95	- 8.6	2.6/23.1	50178	2001 WG ₃₀	2004 09 21.1	23 54.28	+03 56.7	19.7	-0.91	- 8.0	1.7/22.7	46936
2000 VH ₅₄	2004 09 20.8	23 53.18	+22 08.2	18.7	-0.79	- 6.4	9.3/29.3	9865	2000 XP ₂₁	2004 09 21.1	23 54.29	+17 09.8	18.4	-0.94	- 0.6	7.8/26.4	66177
2002 JB ₇₇	2004 09 20.8	23 53.21	+09 40.6	20.1	-0.68	- 7.1	2.8/24.7	48235	2001 VH ₆₄	2004 09 21.1	23 54.30	+12 08.5	18.9	-0.92	- 6.6	5.8/25.5	30543
2001 WJ ₉	2004 09 20.8	23 53.30	-11 41.6	19.2	-0.95	- 6.1	3.9/17.3	46926	2000 XD ₃₃	2004 09 21.1	23 54.31	-28 55.8	18.7	-0.79	- 2.7	7.0/11.2	31928
2001 TA ₇₄	2004 09 20.8	23 53.33	+05 20.9	19.0	-0.96	- 7.6	2.4/22.9	30480	2000 YL ₁₂	2004 09 21.1	23 54.34	+00 18.3	19.7	-0.73	- 4.8	0.2/21.5	30439
2001 UL ₇₆	2004 09 20.8	23 53.36	-03 18.9	19.1	-0.95	- 7.7	1.0/20.0	48138	2000 HU ₅₂	2004 09 21.1	23 54.35	+06 46.8	19.8	-0.91	- 9.1	2.9/23.8	47889
2000 SB ₃₅₅	2004 09 20.8	23 53.37	-22 10.3	19.2	-0.96	- 4.1	7.0/13.6	47969	2001 YD ₁₈	2004 09 21.1	23 54.36	+00 31.1	19.8	-0.94	- 6.1	0.4/21.5	25501
1998 DS ₁₅	2004 09 20.8	23 53.38	-18 11.7	18.5	-0.89	- 4.2	5.5/15.1	66066	1999 TG ₁₂₁	2004 09 21.1	23 54.38	-00 45.7	18.5	-0.69	- 8.4	0.1/21.1	66094
2001 CU ₃	2004 09 20.8	23 53.40	-24 31.2	18.0	-0.71	- 9.2	6.9/11.0	12284	1996 XB ₂₄	2004 09 21.1	23 54.39	-07 58.5	19.7	-0.93	- 5.2	3.0/18.8	13548
2000 SF ₂₁₂	2004 09 20.8	23 53.44	-17 00.0	18.1	-0.78	- 0.5	8.4/15.7	7588	2000 SK ₂₇₀	2004 09 21.1	23 54.40	-11 10.8	18.4	-0.88	- 4.1	3.7/17.8	66158
2000 SK ₈₆	2004 09 20.8	23 53.45	-16 00.0	18.7	-0.91	- 3.7	5.7/16.0	66151	2000 NF ₂₂	2004 09 21.1	23 54.42	-05 32.4	17.9	-0.86	- 5.6	2.2/19.6	66129
2001 WY ₃₇	2004 09 20.8	23 53.45	-02 59.8	19.3	-0.93	- 6.9	0.9/20.1	46941	4291 T-3	2004 09 21.1	23 54.45	-04 33.0	18.3	-0.93	-10.3	1.5/19.8	26187
2002 AO ₁₈₃	2004 09 20.9	23 53.38	+03 57.2	20.2	-0.87	- 5.1	1.5/22.4	62386	1997 EZ ₂₈	2004 09 21.1	23 54.46	-01 30.0	20.1	-0.78	- 4.5	0.3/20.9	28961
2001 XZ ₈₁	2004 09 20.9	23 53.39	-19 08.9	20.1	-0.94	- 5.0	6.3/14.8	46996	2000 SP ₂₅₀	2004 09 21.1	23 54.46	-09 07.9	18.9	-0.78	- 6.3	3.7/18.2	47962
2000 SF ₆	2004 09 20.9	23 53.41	-24 59.7	18.1	-0.97	- 3.2	7.9/12.8	66147	2000 RM ₉₅	2004 09 21.1	23 54.48	-06 58.0	18.7	-0.80	- 5.7	2.8/19.0	47938
2001 BN ₇	2004 09 20.9	23 53.41	+03 02.2	18.2	-0.78	- 3.2	1.1/22.1	30446	2000 WY ₁₆₄	2004 09 21.1	23 54.49	-24 15.2	18.9	-0.80	- 5.8	8.6/12.3	66174
2002 CB ₁₀₅	2004 09 20.9	23 53.48	-00 42.4	18.8	-0.83	- 2.5	7.4/11.0	29817	2000 WA ₁₃₈	2004 09 21.2	23 54.48	-09 50.9	19.4	-0.79	- 3.8	2.4/18.2	50507
2000 PH ₂₁	2004 09 20.9	23 53.50	-10 36.8	19.6	-0.85	- 8.0	3.8/17.5	46424	2002 AU ₃₄	2004 09 21.2	23 54.48	+01 47.3	18.5	-0.96	- 5.4	1.0/22.0	27802
2002 CM ₆₂	2004 09 20.9	23 53.53	-13 00.6	20.5	-0.91	- 4.1	3.9/17.0	48201	2000 WF ₃₆	2004 09 21.2	23 54.48	-16 21.0	18.2	-0.77	- 7.8	7.0/15.1	9871
2001 XW ₈₄	2004 09 20.9	23 53.59	+07 58.3	19.2	-0.89	- 7.7	3.2/23.9	66249	1999 RA ₁₂	2004 09 21.2	23 54.52	+22 32.0	18.0	-1.20	+ 3.3	8.6/26.8	66088
2000 UD ₃₉	2004 09 20.9	23 53.62	-06 29.7	19.7	-0.85	- 4.9	2.2/19.1	47977	2001 UW ₂₂₁	2004 09 21.2	23 54.53	-05 45.1	19.9	-0.95	- 5.4	1.8/19.6	50572
2001 UG ₅₁	2004 09 20.9	23 53.62	-24 35.8	19.3	-0.96	- 4.1	7.6/13.1	50568	2002 CJ ₁₆₈	2004 09 21.2	23 54.54	+00 21.4	18.9	-0.92	- 2.2	0.3/21.5	30674
2003 HP ₃₉	2004 09 20.9	23 53.62	-00 15.8	20.1	-0.91	- 6.5	8.5/11.0	50763	1999 TV ₂₆₁	2004 09 21.2	23 54.54	+11 11.9	19.8	-0.69	- 6.5	3.1/25.5	31871
2000 XW ₂₁	2004 09 20.9	23 53.63	+24 12.1	18.1	-0.91	- 2.1	9.9/29.6	64893	1999 TR ₁₀₀	2004 09 21.2	23 54.58	-17 01.4	18.3	-0.80	- 4.1	5.0/15.6	30320
2000 UH ₇₇	2004 09 20.9	23 53.64	-08 20.5	19.3	-0.81	- 5.8	3.0/18.4	47980	1999 VQ ₅₈	2004 09 21.2	23 54.65	-20 21.1	17.8	-0.83	- 2.1	5.8/14.8	66099
2002 JM ₇₇	2004 09 20.9	23 53.66	-09 26.0	18.6	-0.83	- 2.4	2.5/18.3	31712	1998 FX ₁₅	2004 09 21.2	23 54.67	-11 03.2	18.8	-1.99	+10.6	5.7/20.1	47725
2000 AX ₆	2004 09 20.9	23 53.67	-00 11.7	18.4	-0.78	- 3.4	7.8/01.0	33852	1999 TR ₂₂₇	2004 09 21.2	23 54.69	+09 04.9	19.6	-0.72	- 6.7	3.1/24.8	47811
2003 ES ₅₃	2004 09 20.9	23 53.68	-11 59.0	19.4	-0.79	- 8.7	3.6/16.9	50752	4819 P-L	2004 09 21.2	23 54.80	-02 32.4	18.9	-0.64	- 6.7	0.5/20.6	66422
2001 YR ₁₅₁	2004 09 20.9	23 53.68	+04 54.1	17.0	-0.90	+ 2.4	3.2/22.4	65269	2000 SG ₃₃	2004 09 21.2	23 54.85	-06 21.6	18.8	-0.88	- 4.3	2.4/19.5	47942
2002 EZ ₉₄	2004 09 20.9	23 53.72	-07 02.0	18.8	-0.71	- 6.9	2.1/18.7	66274	1999 CA ₈₉	2004 09 21.2	23 54.86	-04 57.9	20.7	-0.94	- 6.6	1.6/19.8	47768
2000 VU ₉	2004 09 20.9	23 53.74	-07 20.4	19.4	-0.85	- 4.2	2.1/18.8	30419	2000 TO ₃₁	2004 09 21.2	23 54.88	-09 52.5	18.8	-0.91	- 4.3	3.6/18.4	25271
2000 SR ₂₅₂	2004 09 20.9	23 53.77	-05 00.5	18.9	-0.83	- 6.3	1.6/19.5	47962	1996 VJ ₁₀	2004 09 21.2	23 54.89	+03 19.2	18.9	-1.01	- 2.1	1.3/22.4	30252
2002 GF ₁₁₅	2004 09 20.9	23 53.77	-16 00.5	19.2	-0.84	- 2.8	4.9/16.1	31586	2000 NY	2004 09 21.2	23 54.89	+04 07.2	19.2	-0.95	- 6.5	1.7/22.8	47901
2000 SS ₂₇₈	2004 09 21.0	23 53.76	-18 54.1	18.4	-1.04	+ 0.7	7.1/16.1	66158	2001 VK ₁₀₇	2004 09 21.3	23 54.81	-10 11.6	19.8	-1.04	- 3.5	3.7/18.5	46913
2000 RF ₇₄	2004 09 21.0	23 53.78	-12 39.5	17.3	-0.82	+ 2.2	6.5/17.8	46459	2001 UF ₁₇₁	2004 09 21.3	23 54.84	+07 54.7	18.9	-0.95	- 7.0	3.3/24.1	46848
1999 XD ₁₈₅	2004 09 21.0	23 53.80	+17 03.8	17.8	-0.86	- 1.1	6.6/26.5	66103	2002 CR ₁₃₆	2004 09 21.3	23 54.85	+09 06.4	19.0	-0.92	- 6.4	3.7/24.5	66269
2000 TS ₆₂	2004 09 21.0	23 53.81	-02 28.5	19.1	-0.88	- 4.2	0.7/20.5	47974	2002 CS ₉₉	2004 09 21.3	23 54.86	-05 05.9	20.2	-0.83	- 4.9	1.5/19.8	48203
1999 VL ₁₃₉	2004 09 21.0	23 53.81	+12 46.0	19.1	-0.71	- 7.4	4.3/26.1	50437	2000 RT ₄₃	2004 09 21.3	23 54.89	+13 04.5	17.3	-1.02	- 0.2	5.8/25.1	66144
2002 AA ₁₈₄	2004 09 21.0	23 53.85	-02 43.4	19.8	-0.81	- 5.9	0.7/20.3	47158	2001 UZ ₁₅₄	2004 09 21.3	23 54.93	-18 28.2	18.5	-0.93	- 1.7	9.3/15.7	66234
2003 FE ₅₃	2004 09 21.0	23 53.88	+07 56.6	20.4	-0.94	- 7.6	3.1/24.0	50755	2000 XE ₄₇	2004 09 21.3	23 55.00	-30 26.9	21.0	-0.97	- 0.2	7.6/11.9	35537
2000 JL ₉	2004 09 21.0	23 53.89	+10 23.6	18.6	-0.85	- 9.4	5.0/25.2	47892	1997 SL ₂₄	2004 09 21.3	23 55.02	+01 48.3	19.7	-0.93	- 5.9	0.8/22.1	47715
2003 CO ₈	2004 09 21.0	23 53.89	+00 19.8	18.5	-1.29	+ 0.8	0.4/21.3	65446	2000 XJ ₁₆	2004 09 21.3	23 55.03	+12 14.0	18.5	-0.95	- 2.2	4.6/25.3	66176
2002 BO ₁₆	2004 09 21.0	23 53.89	+01 22.4	19.8	-0.80	- 5.0	0.6/21.7	27821	2001 DL ₉₆	2004 09 21.3	23 55.06	+05 57.3	19.5	-0.81	- 3.4	2.0/23.4	35023
2001 UX ₂₁₄	2004 09 21.0	23 53.93	-07 05.1	20.2	-1.00	- 5.1	2.6/19.1	62378	2001 BO ₈₀	2004 09 21.3	23 55.08	-12 26.4	19.4	-0.66	- 9.8	3.3/16.7	35006
2003 JK ₈	2004 09 21.0	23 53.94	-17 50.5	19.3	-0.84	- 3.8	6.3/15.4	47575	2003 AU ₂	2004 09 21.3	23 55.10	-31 21.2	19.0	-0.92	-16.2	13.1/07.4	48308
2000 QK ₇₄	2004 09 21.0	23 53.96	+01 29.3	18.6	-0.85	- 6.5	0.9/21.8	47916	2003 ED ₅₃	2004 09 21.3	23 55.11	-19 24.9	20.0	-0.83	- 6.4	5.9/14.7	50752
2002 EG ₅₈	2004 09 21.0	23 53.98	+01 42.0	19.4	-0.76	- 7.8	0.7/21.9	65333	2002 CK ₁₃	2004 09 21.3	23 55.13	-03 14.2	19.0	-0.86	-14.0	0.9/20.3	30637
2003 FV ₆₄	2004 09 21.0	23 54.09	-06 29.6	20.0	-0.92	- 5.3	2.1/19.2	47436	2003 HF ₅₁	2004 09 21.3	23 55.15	-06 03.8	19.4	-0.89	- 8.9	2.1/19.4	50764

2002 AK ₁₇₅	2004 09 21.3	23 55.19	-06 50.8	19.9	-0.81	- 6.3	2.1/19.2	48193	2002 GQ ₁₇₃	2004 09 21.7	23 56.42	-17 31.4	20.1	-0.77	- 3.6	4.8/16.0	35188
2001 TX ₁₂₆	2004 09 21.3	23 55.19	+05 00.9	20.8	-0.93	- 8.3	2.1/23.3	48123	2003 FG ₄₁	2004 09 21.7	23 56.46	-08 40.6	21.2	-0.97	- 6.2	3.1/19.1	47414
2000 WJ ₉₀	2004 09 21.3	23 55.24	-11 51.0	19.6	-0.85	- 4.3	3.9/17.7	33314	2002 CY ₂₃₂	2004 09 21.7	23 56.48	-11 58.2	19.3	-0.75	- 8.4	3.9/17.5	29880
2002 CP ₁₆₈	2004 09 21.3	23 55.25	+03 42.9	19.6	-0.93	- 1.9	1.3/22.6	30674	2000 WT ₃₀	2004 09 21.7	23 56.50	-06 26.6	19.2	-0.78	- 7.1	2.1/19.6	47988
2000 WL ₇₈	2004 09 21.3	23 55.25	-04 04.0	18.6	-0.85	- 3.9	1.2/20.3	30427	1999 TX ₁₅₅	2004 09 21.7	23 56.53	-10 55.1	18.0	-0.76	- 4.7	3.6/18.2	66094
2000 UB ₁₁₀	2004 09 21.4	23 55.26	-26 33.6	19.0	-0.90	- 3.8	9.4/12.0	18300	2003 HA ₄₃	2004 09 21.7	23 56.55	-02 44.2	19.8	-0.82	- 7.1	0.8/21.0	47564
2002 GH ₉₂	2004 09 21.4	23 55.29	-01 03.9	19.4	-0.79	- 4.5	0.2/21.2	31564	1999 JM ₇₂	2004 09 21.7	23 56.56	-06 24.7	19.0	-0.84	- 6.9	2.2/19.7	66085
1997 WY ₃₄	2004 09 21.4	23 55.30	-01 18.7	18.8	-0.90	- 7.6	0.3/21.2	47719	2002 EP ₉₃	2004 09 21.7	23 56.57	+03 53.7	20.8	-0.89	- 2.2	1.3/23.0	35173
2003 FV ₂₈	2004 09 21.4	23 55.33	-10 23.8	20.1	-0.91	- 6.4	3.5/18.2	50754	2002 CC ₁₆₇	2004 09 21.7	23 56.60	-00 04.9	18.6	-0.87	- 2.3	0.1/21.9	66270
2000 SV ₆₇	2004 09 21.4	23 55.37	-04 03.3	18.9	-0.88	- 5.5	1.3/20.3	66150	2002 AO ₁₂₄	2004 09 21.7	23 56.61	-05 38.9	19.3	-0.93	- 5.5	2.0/20.1	30618
2001 UO ₁₄₂	2004 09 21.4	23 55.44	-09 37.1	19.5	-1.04	- 3.9	3.7/18.8	50570	2000 RJ ₄₇	2004 09 21.7	23 56.63	+08 44.7	17.3	-0.58	- 7.6	4.5/25.4	64797
2002 AJ ₁₂	2004 09 21.4	23 55.49	+01 20.4	20.8	-0.98	- 5.4	0.7/22.0	30604	1999 TJ ₁₅₆	2004 09 21.8	23 56.63	-10 35.3	18.2	-0.74	- 4.6	2.9/18.3	66094
2003 GA ₁	2004 09 21.4	23 55.51	-01 02.7	19.8	-0.92	- 7.2	0.2/21.3	50759	2002 JT ₈₈	2004 09 21.8	23 56.68	-10 00.8	20.2	-0.76	- 2.9	2.5/18.7	48236
2000 RO ₇₁	2004 09 21.4	23 55.57	-00 15.0	17.2	-0.62	- 9.6	0.1/21.6	7557	2001 YH ₂₅	2004 09 21.8	23 56.71	+02 49.9	18.2	-0.99	- 4.3	1.3/22.8	66255
2000 WU ₄₁	2004 09 21.4	23 55.58	+08 40.9	17.9	-0.77	- 7.3	3.4/24.7	18301	2001 BY ₂₅	2004 09 21.8	23 56.72	+17 36.3	20.2	-0.79	- 2.8	4.7/27.8	12274
2001 YD ₇₈	2004 09 21.4	23 55.59	-00 00.8	20.0	-0.96	- 4.7	0.2/21.6	48178	2000 SG ₂₆₇	2004 09 21.8	23 56.82	+02 31.9	19.8	-0.86	- 5.4	1.0/22.8	47963
2000 GG ₁₉	2004 09 21.5	23 55.52	+03 39.2	19.2	-0.96	- 8.0	1.7/22.9	50470	2001 WH ₈	2004 09 21.8	23 56.84	-03 30.5	20.0	-0.94	- 7.3	1.3/20.8	48156
2000 UU ₇₃	2004 09 21.5	23 55.56	+16 49.7	18.6	-0.76	- 9.6	6.4/28.2	31919	1999 VF ₁₆₄	2004 09 21.8	23 56.91	+11 58.7	18.8	-0.72	- 6.0	3.9/26.3	29183
2001 BZ ₃₁	2004 09 21.5	23 55.59	-12 07.7	19.7	-0.74	- 6.9	3.3/17.3	13806	2003 GB ₆	2004 09 21.8	23 56.99	-06 28.9	20.2	-1.03	- 4.0	2.3/20.1	47507
2000 WP ₁₈₆	2004 09 21.5	23 55.59	+32 23.7	20.5	-0.79	- 3.2	7.0/03.8	9886	2003 HL ₄	2004 09 21.8	23 57.00	+03 09.8	19.0	-0.86	- 5.6	1.3/23.0	66312
2000 VL ₃₉	2004 09 21.5	23 55.64	+07 00.3	18.6	-0.67	- 6.0	3.7/24.3	13796	2002 AZ ₂₄	2004 09 21.9	23 56.97	+02 12.2	19.5	-0.83	- 6.4	0.8/22.8	30606
2003 GN ₁	2004 09 21.5	23 55.68	+00 02.3	18.9	-0.87	- 8.8	0.2/21.7	47501	2000 UH ₂₂	2004 09 21.9	23 57.01	+01 33.9	17.7	-0.58	- 9.1	0.9/22.7	13788
2002 AH ₁₈	2004 09 21.5	23 55.73	+06 37.8	18.4	-0.86	- 9.1	2.6/24.1	66259	2003 BQ ₆₀	2004 09 21.9	23 57.06	-07 43.3	19.7	-0.92	- 8.4	2.7/19.4	48321
1998 ES ₁₉	2004 09 21.5	23 55.78	+04 12.7	19.5	-0.91	- 3.6	1.5/23.0	30262	2000 UR ₄₂	2004 09 21.9	23 57.13	-15 18.2	17.4	-0.91	- 2.3	6.3/17.3	29460
2000 UU ₈₆	2004 09 21.5	23 55.78	-11 06.7	18.0	-0.80	- 5.5	4.3/17.9	66166	4511 P-L	2004 09 21.9	23 57.14	-03 14.1	18.8	-0.80	-10.1	1.3/20.9	53870
2000 SB ₃₁₃	2004 09 21.5	23 55.78	+24 45.4	18.4	-0.75	- 6.9	10.8/01.9	9837	2002 AB ₁₅₆	2004 09 21.9	23 57.18	+03 45.1	19.4	-0.96	- 3.0	1.5/23.1	30623
1996 VG ₁	2004 09 21.5	23 55.80	-05 35.9	19.7	-0.93	- 4.4	2.0/19.9	6195	2003 FK ₈₂	2004 09 21.9	23 57.27	-13 31.8	19.5	-0.91	- 3.7	4.9/17.9	50756
2002 AF ₁₉₆	2004 09 21.5	23 55.82	-03 11.1	19.7	-0.99	- 4.4	1.2/20.7	31964	2003 GB ₂₉	2004 09 21.9	23 57.28	-23 11.2	18.8	-0.89	- 1.8	7.3/15.0	66311
2002 AB ₁₀₇	2004 09 21.5	23 55.84	+00 10.1	18.0	-0.98	- 5.1	0.3/21.8	65285	1999 TM ₂₁₂	2004 09 21.9	23 57.32	-04 21.1	19.7	-0.91	- 0.8	1.5/20.8	27646
2001 XU ₂₄	2004 09 21.5	23 55.93	-10 33.3	17.6	-1.01	- 4.2	4.5/18.5	30563	2001 BK ₆₁	2004 09 21.9	23 57.37	+21 51.2	18.4	-0.75	- 4.8	6.7/30.1	23617
2001 YL ₁₀₉	2004 09 21.6	23 55.88	+02 22.3	19.5	-0.91	- 6.3	1.0/22.5	30599	2002 DL ₁₄	2004 09 22.0	23 57.32	-03 53.8	19.7	-0.87	- 5.2	1.4/20.8	48214
1999 XE ₁₀₄	2004 09 21.6	23 55.94	-03 19.0	18.4	-0.75	- 4.5	0.9/20.7	66102	2003 FV ₁₀₇	2004 09 22.0	23 57.33	+06 59.2	19.7	-1.02	- 5.6	2.8/24.3	47482
2003 EV ₄₁	2004 09 21.6	23 55.96	-07 41.6	20.3	-0.98	- 7.3	2.8/19.2	62443	2000 QN ₁₆₁	2004 09 22.0	23 57.36	+05 09.9	18.9	-0.83	- 9.1	2.1/24.0	66139
2003 FF ₇₄	2004 09 21.6	23 55.99	-09 51.0	20.0	-0.86	- 4.9	3.1/18.6	50756	1999 YZ ₆	2004 09 22.0	23 57.39	+16 48.4	19.0	-0.90	- 0.7	5.3/27.0	29204
2002 GS ₉₈	2004 09 21.6	23 56.03	+03 39.7	20.1	-0.89	- 4.8	1.3/22.9	31570	2001 UH ₁₂₁	2004 09 22.0	23 57.47	+07 11.0	18.9	-0.91	- 8.2	2.9/24.6	66232
2000 SV ₂₆₆	2004 09 21.6	23 56.03	+09 54.9	19.0	-0.80	- 9.4	3.5/25.5	66158	1999 TD ₂₀₃	2004 09 22.0	23 57.47	+03 21.8	19.2	-0.78	- 4.9	1.1/23.2	12176
2002 GX ₁₀₉	2004 09 21.6	23 56.06	+11 54.5	19.4	-0.73	- 5.7	3.5/26.0	31582	1999 DP ₃	2004 09 22.0	23 57.49	+00 42.8	19.9	-0.91	- 7.1	0.4/22.4	47771
2000 YK ₉₈	2004 09 21.6	23 56.12	-10 18.0	18.8	-0.70	- 5.3	2.7/18.2	50514	2000 WY ₁₈₁	2004 09 22.0	23 57.51	-05 55.4	18.3	-0.66	-12.6	2.3/19.7	66175
2001 VQ ₁₁₅	2004 09 21.6	23 56.13	+01 48.0	19.9	-0.93	- 5.2	0.7/22.4	48154	2001 DQ ₃₄	2004 09 22.0	23 57.52	-09 36.5	18.6	-0.68	- 6.4	2.6/18.7	66183
1999 CV ₁₅₅	2004 09 21.6	23 56.14	+03 35.3	19.9	-0.94	- 5.9	1.4/22.9	47771	2002 CE ₆₄	2004 09 22.0	23 57.57	-04 09.3	19.3	-1.03	- 0.8	1.4/21.0	29794
2001 XH ₁₄₂	2004 09 21.6	23 56.21	-08 56.7	20.6	-0.96	- 6.2	3.4/18.9	48168	1995 UL ₁₄	2004 09 22.0	23 57.58	+06 54.0	18.7	-0.79	- 6.0	2.4/24.5	66055
2003 JT ₇	2004 09 21.6	23 56.22	-14 11.6	21.7	-0.90	- 4.4	4.1/17.3	47575	2002 CR ₃₅	2004 09 22.0	23 57.61	-09 07.3	19.4	-0.89	- 4.4	2.9/19.2	31966
1997 WN ₂₄	2004 09 21.6	23 56.28	-06 44.0	18.0	-1.01	- 3.1	2.9/19.8	66064	2003 HE ₈	2004 09 22.0	23 57.67	-01 09.0	19.3	-0.86	- 4.8	0.3/21.8	50762
2002 AU ₁₅₀	2004 09 21.7	23 56.24	-05 07.8	19.9	-0.93	- 5.4	1.7/20.2	30622	2001 XH ₁₀₇	2004 09 22.0	23 57.73	+00 58.3	19.3	-0.90	- 6.3	0.6/22.5	48166
2004 PS ₈₃	2004 09 21.7	23 56.25	-08 54.0	18.1	-0.68	- 8.6	2.8/18.5	65973	1998 FH ₆₂	2004 09 22.0	23 57.73	+03 20.0	18.9	-0.87	- 5.3	1.3/23.3	30264
2000 QZ ₂₃₀	2004 09 21.7	23 56.30	-04 27.7	18.6	-0.93	- 2.9	1.7/20.5	66142	2001 TG ₂₈	2004 09 22.1	23 57.70	+04 19.9	18.5	-1.07	- 3.1	2.2/23.4	46707
1999 VU ₁₇	2004 09 21.7	23 56.34	+09 04.5	18.9	-0.71	- 6.7	2.8/25.2	31874	2001 XP ₁₆₉	2004 09 22.1	23 57.70	-04 08.9	19.6	-0.90	- 6.1	1.3/20.8	61212
2001 OX ₁₄	2004 09 21.7	23 56.34	+24 39.5	18.6	-1.54	+ 3.1	11.8/27.5	66187	2002 CO ₂₄₅	2004 09 22.1	23 57.72	-00 39.0	20.9	-0.85	- 5.7	0.1/22.0	30689
2002 CL ₁₁₉	2004 09 21.7	23 56.37	+11 05.3	20.0	-0.87	- 3.8	3.7/25.5	30663	2003 EC ₅₃	2004 09 22.1	23 57.73	+18 48.3	18.9	-0.83	-13.3	6.4/30.0	50752
1999 TB ₂₄₁	2004 09 21.7	23 56.39	-15 11.3	18.9	-0.84	- 2.4	5.0/17.0	66096	2000 SX ₂₈₄	2004 09 22.1	23 57.76	+09 36.8	19.0	-0.94	- 3.4	3.2/25.1	30403
2000 VR ₄₈	2004 09 21.7	23 56.40	-09 04.3	20.1	-0.99	- 4.1	3.5/19.0	9864	2000 TZ ₅₀	2004 09 22.1	23 57.79	-14 59.9	19.2	-0.83	- 5.6	5.6/17.0	47973

2001 XQ ₉₈	2004 09 22.1	23 57.85	-16 00.7	18.2	-0.98	- 3.4	7.2/17.2	30575	1999 TC ₅₈	2004 09 22.3	23 58.61	+19 16.3	19.4	-0.67	- 8.5	5.3/30.1	47802
2000 ST ₈₀	2004 09 22.1	23 57.86	-09 30.5	18.4	-0.91	- 3.8	3.0/19.2	30390	2002 EU ₁₀₁	2004 09 22.3	23 58.61	-13 42.9	18.3	-0.90	- 0.4	4.4/18.5	66274
2000 RC ₃₂	2004 09 22.1	23 57.89	+11 22.3	17.9	-0.81	- 5.0	5.2/26.1	66143	1999 VF ₁₃₈	2004 09 22.3	23 58.62	-21 20.1	19.8	-0.90	- 1.8	6.1/15.5	13624
2002 CZ ₁₉₈	2004 09 22.1	23 57.89	-09 27.0	20.2	-0.77	- 6.6	2.8/18.9	30679	2003 HV ₈	2004 09 22.3	23 58.66	+03 08.3	19.6	-0.82	- 7.1	1.2/23.5	50190
2002 EG ₃₅	2004 09 22.1	23 57.90	-17 24.8	19.1	-0.69	- 7.6	5.0/15.7	66273	2000 QZ ₂₂₆	2004 09 22.3	23 58.70	+11 03.1	18.1	-0.85	- 5.7	4.9/26.2	66141
1999 VT ₅₃	2004 09 22.1	23 57.97	-07 55.4	19.5	-0.83	- 2.9	2.6/19.7	47820	1999 BP ₁₀	2004 09 22.3	23 58.71	-02 24.2	20.3	-0.92	- 6.7	0.8/21.6	47764
2003 GY ₁	2004 09 22.1	23 57.99	+00 08.8	20.1	-0.77	-10.6	0.1/22.3	50185	2000 UA ₅₇	2004 09 22.3	23 58.73	+14 19.4	19.9	-0.79	- 7.7	4.4/27.7	29467
1981 ET ₃₅	2004 09 22.1	23 57.99	+11 01.6	19.9	-0.72	- 6.4	3.3/26.2	64637	1999 TH ₁₄₆	2004 09 22.3	23 58.79	+03 10.1	19.1	-0.76	- 5.0	1.0/23.5	30323
2001 UF ₁₀₉	2004 09 22.1	23 57.99	-14 32.5	19.1	-0.99	- 5.0	5.8/17.6	66232	2002 AS ₁₆₃	2004 09 22.3	23 58.79	+05 43.3	19.7	-0.98	- 5.2	2.4/24.2	27815
1999 CG ₅₀	2004 09 22.1	23 58.01	+00 59.2	19.0	-1.02	- 3.9	0.4/22.5	66082	1999 RF ₂₅₃	2004 09 22.3	23 58.80	+08 13.6	18.0	-0.81	- 4.0	2.6/25.1	30316
2002 EB ₁₉	2004 09 22.1	23 58.02	+13 46.1	18.9	-0.79	- 3.7	4.1/26.9	48216	4799 P-L	2004 09 22.4	23 58.78	-05 09.0	18.9	-1.06	+ 0.4	1.9/21.1	66422
3834 T-3	2004 09 22.1	23 58.03	-05 37.6	19.0	-0.93	- 5.4	2.0/20.4	48393	2003 GV ₂₈	2004 09 22.4	23 58.79	-07 44.5	20.9	-0.99	- 5.8	2.8/20.0	48365
2000 DG ₈₈	2004 09 22.1	23 58.04	+00 48.9	20.3	-0.61	- 2.8	0.2/22.5	47859	2003 GK ₆	2004 09 22.4	23 58.79	-05 07.8	20.1	-0.92	- 5.6	1.7/20.8	47507
2000 DP ₉₉	2004 09 22.1	23 58.06	-08 21.7	20.6	-0.59	- 3.5	1.7/19.4	13175	1995 TE ₇	2004 09 22.4	23 58.83	-01 01.9	20.0	-0.83	- 4.1	0.3/22.1	47698
2001 VE ₆₅	2004 09 22.2	23 58.08	+06 28.3	17.4	-0.89	- 5.2	3.4/24.4	66239	2001 YR ₁₃₂	2004 09 22.4	23 58.85	+04 43.3	17.7	-1.05	- 2.4	2.2/23.8	30602
1998 DD ₂₇	2004 09 22.2	23 58.08	+02 08.7	21.0	-0.95	- 3.0	0.8/22.9	30261	2001 WK ₁₂	2004 09 22.4	23 58.86	+00 15.4	17.9	-0.89	- 8.8	0.2/22.6	66242
2000 SS ₁₆₉	2004 09 22.2	23 58.10	+03 32.0	17.6	-0.84	- 5.5	1.5/23.5	66155	2001 XQ ₁₂₀	2004 09 22.4	23 58.86	-07 26.4	20.7	-0.98	- 6.0	2.7/20.1	27319
1999 VH ₈₀	2004 09 22.2	23 58.10	+08 00.9	18.8	-0.69	- 6.8	2.4/25.2	33838	2001 YV ₁₁₅	2004 09 22.4	23 58.90	-16 34.2	18.8	-0.84	- 5.2	5.4/16.8	66258
1999 RU ₂₃₉	2004 09 22.2	23 58.20	-06 12.2	17.8	-0.71	- 7.4	2.0/20.1	66091	1999 XV ₁₆₈	2004 09 22.4	23 58.94	-06 57.2	17.8	-0.79	- 3.2	2.1/20.2	66103
2002 EP ₇	2004 09 22.2	23 58.21	-00 20.3	19.6	-0.74	- 5.3	0.0/22.2	50596	2000 WW ₁₆₂	2004 09 22.4	23 58.95	-04 08.9	17.8	-0.75	- 8.1	1.3/21.0	66174
2001 AF ₅₂	2004 09 22.2	23 58.21	-41 56.9	19.1	-0.99	- 0.7	10.7/06.1	66182	2000 SC ₃₄₃	2004 09 22.4	23 58.97	-07 18.3	19.6	-0.88	- 5.2	2.6/20.1	27726
2002 ER ₅₉	2004 09 22.2	23 58.23	+01 42.8	19.8	-0.81	- 6.3	0.7/22.9	30000	2651 P-L	2004 09 22.4	23 58.97	+00 39.2	17.5	-0.90	- 1.4	0.4/22.7	66421
2000 RV ₇₈	2004 09 22.2	23 58.26	-06 07.5	17.3	-0.79	- 7.2	2.5/20.1	66145	2002 AM ₁₉₅	2004 09 22.4	23 59.00	-12 10.1	16.4	-0.41	-13.8	6.0/16.9	66264
2003 KZ ₈	2004 09 22.2	23 58.29	-12 25.8	21.0	-0.91	- 6.6	4.1/18.2	50211	2002 CU ₇₆	2004 09 22.4	23 59.03	-02 47.9	20.5	-0.92	- 6.4	1.0/21.6	30652
1979 MF ₆	2004 09 22.2	23 58.30	-05 24.9	19.5	-0.85	- 7.1	1.9/20.5	66047	2000 YZ ₄₈	2004 09 22.4	23 59.09	+22 38.2	19.6	-0.83	- 3.2	6.9/30.4	9494
1999 VV ₃	2004 09 22.2	23 58.30	-10 00.3	20.9	-0.74	- 4.1	2.7/19.0	34800	2000 XC ₃₇	2004 09 22.4	23 59.17	+06 45.7	17.8	-1.07	+ 1.9	3.0/24.2	64895
2000 SJ ₁₃₅	2004 09 22.2	23 58.31	+11 28.6	19.0	-0.94	- 3.8	4.2/25.9	27711	2000 SU ₄₀	2004 09 22.5	23 59.14	+20 37.4	19.3	-0.78	- 8.6	8.5/30.9	10978
2000 QW ₁₆₅	2004 09 22.2	23 58.33	+10 44.9	17.6	-0.85	- 6.1	4.7/26.1	13708	1995 SF ₇₅	2004 09 22.5	23 59.16	-00 49.0	19.4	-0.82	- 5.2	0.3/22.3	34689
2003 GQ ₇	2004 09 22.2	23 58.38	+01 55.8	19.7	-0.83	- 8.2	0.7/23.0	47509	1990 UH ₄	2004 09 22.5	23 59.17	-29 27.1	17.1	-1.02	- 0.1	11.1/12.8	66049
2000 SD ₈₅	2004 09 22.2	23 58.39	-09 26.7	17.2	-0.85	- 6.4	3.7/19.1	66151	2002 GO ₁₂₈	2004 09 22.5	23 59.22	+05 19.5	19.9	-0.70	- 5.2	1.5/24.4	31592
2000 TT ₄₃	2004 09 22.2	23 58.44	-14 14.6	18.4	-0.77	- 7.4	6.3/17.3	64863	2002 AQ ₁₂₀	2004 09 22.5	23 59.23	+03 38.9	19.8	-0.83	- 4.5	1.1/23.7	27810
1999 NT ₆	2004 09 22.2	23 58.46	+04 11.2	18.3	-0.82	- 5.3	1.6/23.8	66087	1999 VE ₅₄	2004 09 22.5	23 59.29	-12 04.7	19.5	-0.84	- 2.1	3.8/18.8	47820
2001 XQ ₁₇₂	2004 09 22.2	23 58.46	+05 10.7	18.5	-0.93	- 6.2	2.0/24.0	66252	1999 XD ₂₀	2004 09 22.5	23 59.39	-20 28.4	18.4	-0.86	- 2.0	6.6/16.0	66101
2002 CB ₁₀₈	2004 09 22.3	23 58.42	+00 13.0	18.0	-0.92	- 0.3	0.1/22.4	66268	2000 YC ₅₈	2004 09 22.5	23 59.40	+14 28.6	18.8	-0.80	- 4.2	4.6/27.5	31375
2002 CM ₄₃	2004 09 22.3	23 58.43	-01 26.7	19.3	-0.72	- 5.1	0.4/21.9	30644	2002 BC ₁₃	2004 09 22.5	23 59.44	-25 02.2	19.4	-0.76	- 4.3	6.5/13.8	30631
1999 VY ₄₂	2004 09 22.3	23 58.45	-10 04.1	20.0	-0.72	- 4.1	2.7/19.0	30332	1997 WY ₄₅	2004 09 22.5	23 59.46	-25 41.1	19.8	-0.99	- 3.3	10.5/13.7	47720
2000 AH ₄₃	2004 09 22.3	23 58.46	+38 04.4	18.1	-1.27	- 0.3	18.1/06.8	66105	2002 EP ₂₄	2004 09 22.5	23 59.47	-00 52.7	20.9	-0.76	- 5.3	0.2/22.3	29960
2000 QM ₁₅₀	2004 09 22.3	23 58.47	+06 36.3	16.8	-1.13	+ 2.7	3.1/23.9	66138	2001 TV ₁₉₁	2004 09 22.5	23 59.48	+11 01.6	18.0	-1.00	- 5.5	4.2/26.2	66226
2000 JO ₅₀	2004 09 22.3	23 58.48	+02 34.5	18.5	-1.03	- 4.7	1.1/23.1	43367	2001 TZ ₁₈₈	2004 09 22.5	23 59.48	+11 52.8	19.3	-0.93	- 8.0	4.5/26.7	46764
2000 QK ₃₈	2004 09 22.3	23 58.48	+05 37.4	17.4	-0.97	- 2.5	2.5/24.0	27676	1999 VA ₆₄	2004 09 22.5	23 59.54	-09 05.3	19.0	-0.74	- 3.4	2.4/19.6	66099
2000 LM ₉	2004 09 22.3	23 58.49	-11 48.5	18.4	-0.97	- 5.4	4.7/18.6	66128	1999 TM ₁₁₉	2004 09 22.6	23 59.51	-04 27.4	18.6	-0.87	- 2.2	1.4/21.3	66094
2001 VB ₁₁₃	2004 09 22.3	23 58.51	-09 50.1	17.9	-1.03	- 1.4	4.7/19.6	65157	2000 SB ₂₈₇	2004 09 22.6	23 59.57	+14 23.8	17.9	-1.02	- 1.4	5.8/26.7	9835
1994 PC ₃₃	2004 09 22.3	23 58.52	+06 28.7	17.9	-0.97	- 4.5	3.1/24.4	66052	2000 SY ₈₅	2004 09 22.6	23 59.62	-07 35.3	19.3	-0.83	- 6.1	3.2/20.0	13751
2000 WW ₄	2004 09 22.3	23 58.53	+22 58.5	18.5	-1.00	- 0.7	9.6/29.0	9866	2000 UR ₇₈	2004 09 22.6	23 59.62	-11 17.9	20.4	-0.93	- 3.4	4.2/19.1	47980
2001 UG ₄₆	2004 09 22.3	23 58.54	-02 22.5	18.1	-0.97	- 5.5	1.1/21.6	66229	2000 WX ₁₂₈	2004 09 22.6	23 59.65	+18 47.7	19.4	-0.81	- 7.7	6.3/29.9	50507
1989 GU ₆	2004 09 22.3	23 58.55	-21 36.1	21.2	-0.84	- 3.7	5.3/15.2	66048	2001 XT ₉₃	2004 09 22.6	23 59.67	-10 52.2	20.2	-1.04	- 3.4	4.4/19.4	48165
2000 UL ₁₀₉	2004 09 22.3	23 58.57	-23 13.3	17.5	-0.83	- 3.6	9.9/14.0	66167	2001 XJ ₂₀₄	2004 09 22.6	23 59.69	+02 58.1	20.3	-0.97	- 5.1	1.1/23.6	50580
2000 WA ₅	2004 09 22.3	23 58.58	+18 32.3	18.7	-0.81	- 5.4	5.5/29.0	30423	2001 XQ ₂₅	2004 09 22.6	23 59.72	-22 46.3	18.8	-0.92	- 4.2	7.4/14.9	30564
2002 CY ₂₆	2004 09 22.3	23 58.58	-01 35.2	18.7	-1.03	- 4.3	0.6/21.9	30641	2000 LA ₅	2004 09 22.6	23 59.76	-05 03.8	17.6	-0.79	- 9.9	2.2/20.8	62302
1998 FX ₈	2004 09 22.3	23 58.60	-03 52.1	20.2	-0.80	- 5.6	1.2/21.1	27597	2000 QY ₈₃	2004 09 22.6	23 59.78	+02 35.4	18.3	-1.00	- 2.3	1.0/23.4	66135
2000 RY ₁₁	2004 09 22.3	23 58.61	+08 28.7	17.0	-0.61	-28.0	3.2/26.4	64789	1999 XF ₁₁₄	2004 09 22.6	23 59.80	+11 12.0	18.8	-0.91	- 1.1	3.8/25.9	47832

1999 TE ₁₉₄	2004 09 22.6	23 59.81 +15 19.3 19.1	-0.76 - 4.4	4.5/28.0	33832	2000 SW ₁₆₅	2004 09 22.9	00 00.83 +12 35.4 18.5	-0.92 - 2.7	5.3/26.8	66154
2000 SC ₆₁	2004 09 22.6	23 59.87 -00 54.9 19.0	-0.85 - 7.4	0.3/22.4	66150	2000 WE ₁₁₅	2004 09 22.9	00 00.83 -25 18.0 19.1	-0.84 - 1.9	6.7/14.7	66172
2001 SX ₂₆₅	2004 09 22.6	23 59.88 -03 13.8 19.0	-1.10 - 3.7	1.4/21.8	23774	2000 XD ₃₄	2004 09 22.9	00 00.85 -22 01.7 19.2	-0.94 - 2.0	7.1/15.8	31366
1998 FG ₁₅	2004 09 22.6	23 59.97 -14 20.8 18.0	-1.68 + 7.0	7.3/20.5	66066	2002 BZ ₁₁	2004 09 22.9	00 00.86 -00 20.4 18.3	-0.89 - 6.5	0.2/22.8	66264
2000 RE ₅	2004 09 22.7	00 00.03 -18 53.3 17.9	-1.16 + 1.6	6.7/18.0	66142	2002 EE ₁₉	2004 09 22.9	00 00.86 +16 51.1 20.1	-0.73 - 4.7	4.1/29.0	50017
2001 UZ ₄₁	2004 09 22.7	00 00.05 -08 16.4 19.3	-1.01 - 4.3	3.9/20.2	48136	2001 VR ₁₀₆	2004 09 22.9	00 00.87 +10 37.6 19.5	-0.96 - 6.1	3.8/26.4	48154
2000 YR ₁₀₆	2004 09 22.7	00 00.08 -09 31.8 17.1	-0.84 - 4.0	4.1/19.6	64900	2002 CC ₂₂	2004 09 22.9	00 00.87 +17 19.6 18.9	-0.89 - 2.1	5.0/28.5	66266
2000 SP ₁₁₀	2004 09 22.7	00 00.13 +03 39.1 18.7	-0.72 -10.4	1.5/24.2	50490	1997 MD ₁	2004 09 22.9	00 00.92 -00 15.7 19.6	-0.68 - 6.7	0.1/22.9	47713
2000 SK ₂₅₇	2004 09 22.7	00 00.13 -03 26.0 19.8	-0.85 - 6.5	1.2/21.6	47963	1993 FT ₁₀	2004 09 22.9	00 00.92 -01 41.8 20.7	-0.78 - 6.2	0.5/22.4	27578
2003 GH ₉	2004 09 22.7	00 00.14 -02 17.2 20.9	-0.83 - 7.3	0.8/22.0	47512	2002 EB ₈₃	2004 09 22.9	00 00.93 +02 08.3 18.8	-0.81 - 5.5	0.8/23.7	66274
1999 VF ₁₂₄	2004 09 22.7	00 00.17 +10 01.4 20.1	-0.70 - 6.5	2.8/26.4	31877	2001 VK ₁₁₈	2004 09 22.9	00 00.94 +05 25.3 19.4	-0.95 - 5.5	2.4/24.7	48155
1998 HU ₄₇	2004 09 22.7	00 00.18 -15 53.7 17.3	-0.91 - 3.0	5.3/17.8	66068	2002 CG ₁₉₂	2004 09 22.9	00 00.94 -12 39.7 19.9	-0.79 - 6.6	4.4/18.5	47183
2189 P-L	2004 09 22.7	00 00.23 -03 57.7 18.3	-0.89 - 1.0	1.2/21.7	66421	2000 RR ₇₃	2004 09 22.9	00 00.95 -10 25.3 18.8	-1.07 - 0.2	3.7/20.3	47936
2001 TC ₃₈	2004 09 22.7	00 00.25 +08 44.3 19.0	-0.99 - 4.6	3.1/25.5	66219	2000 SW ₂₀	2004 09 23.0	00 00.93 -16 33.9 18.6	-1.07 + 1.4	6.8/18.8	66148
2000 HY ₂₂	2004 09 22.7	00 00.27 -00 11.5 19.4	-0.95 - 8.7	0.1/22.7	50473	2001 TR ₇₁	2004 09 23.0	00 00.93 -01 34.1 18.9	-0.95 - 6.8	0.8/22.5	30480
2002 ES ₉₂	2004 09 22.7	23 59.84 +02 25.0 20.8	-0.85 - 3.4	0.7/23.5	30719	2000 SK ₂₃₆	2004 09 23.0	00 00.93 -02 09.2 19.4	-0.84 - 6.0	0.7/22.3	50494
2001 TQ ₁₁₀	2004 09 22.7	23 59.87 +07 40.1 17.7	-0.99 - 5.7	3.6/25.2	43437	2000 JY ₇₆	2004 09 23.0	00 00.99 +00 32.6 19.6	-1.01 - 5.6	0.2/23.2	47895
2002 GC ₂₇	2004 09 22.7	23 59.87 -00 04.8 19.9	-0.67 - 4.6	0.0/22.7	31505	2002 FG ₁₇	2004 09 23.0	00 01.00 -18 32.1 19.6	-0.84 - 7.9	6.0/16.1	33975
2001 YA ₁₅₀	2004 09 22.7	23 59.88 -20 59.0 18.8	-0.97 - 2.1	7.0/16.4	66258	1999 TW ₁₅₀	2004 09 23.0	00 01.06 +01 21.4 19.0	-0.68 - 7.8	0.4/23.5	50427
2000 SY ₃₀₂	2004 09 22.7	23 59.92 +04 57.9 19.5	-0.96 - 3.4	1.8/24.2	33273	2000 UV ₄₃	2004 09 23.0	00 01.11 +06 22.0 19.3	-0.85 - 6.3	2.5/25.1	8518
2001 XH ₉₃	2004 09 22.7	23 59.94 -07 49.2 19.8	-1.00 - 5.3	3.2/20.3	30573	1999 RK ₁₈₃	2004 09 23.0	00 01.13 -03 21.1 18.1	-0.76 - 5.6	1.1/21.9	35480
2000 QU ₂₆	2004 09 22.7	23 59.96 +01 22.4 19.2	-0.87 - 7.1	0.5/23.2	47912	2002 EY ₁₉	2004 09 23.0	00 01.15 -01 54.5 18.7	-0.87 - 3.9	0.7/22.4	29952
2000 WJ ₆₁	2004 09 22.7	23 59.99 +16 38.5 17.0	-0.82 - 4.1	6.6/28.3	66171	1091 T-3	2004 09 23.0	00 01.16 +14 12.1 18.9	-0.73 - 5.6	4.4/28.1	66424
2000 SZ ₂₅₁	2004 09 22.8	00 00.20 -09 24.7 19.9	-0.88 - 5.2	3.3/19.7	47962	2003 HT ₁₄	2004 09 23.0	00 01.17 -00 55.0 19.9	-0.85 - 8.5	0.4/22.7	47550
2001 XM ₁₄	2004 09 22.8	00 00.30 -08 37.5 19.2	-0.95 - 2.8	3.0/20.3	48159	2003 EK ₃₄	2004 09 23.0	00 01.19 +07 30.8 19.4	-0.97 - 6.1	2.7/25.5	50751
2002 FX ₃₀	2004 09 22.8	00 00.30 -18 04.7 19.2	-0.69 - 6.0	5.1/16.2	31491	2000 SQ ₂₆₃	2004 09 23.0	00 01.19 -02 32.6 19.9	-1.08 - 0.2	1.0/22.4	47963
2003 GO ₉	2004 09 22.8	00 00.31 -05 36.2 20.1	-0.87 - 5.4	1.9/21.0	47512	3009 T-3	2004 09 23.0	00 01.21 -16 03.4 18.7	-0.95 + 1.1	6.2/18.7	66424
2002 GE ₁₂₅	2004 09 22.8	00 00.32 +05 50.5 19.0	-0.78 - 6.6	2.0/24.9	66277	2000 YL ₇₅	2004 09 23.0	00 01.27 -00 40.3 18.8	-0.78 - 5.9	0.3/22.8	62313
2000 YN ₄₆	2004 09 22.8	00 00.36 -18 46.7 18.0	-0.73 - 5.8	5.9/16.0	66179	2001 YR ₅₉	2004 09 23.0	00 01.28 -06 13.6 19.4	-0.90 - 6.3	2.3/21.0	30596
2000 SC ₃₀₇	2004 09 22.8	00 00.42 +03 24.6 18.3	-0.94 - 2.8	1.1/23.9	66160	2002 ES ₃₁	2004 09 23.0	00 01.29 +05 48.8 19.2	-0.80 - 3.3	1.6/24.9	48217
2000 NB ₂	2004 09 22.8	00 00.47 +07 25.1 17.6	-0.89 - 3.2	3.6/25.2	26967	2002 BD ₁₁	2004 09 23.0	00 01.31 -12 04.7 19.6	-0.72 - 8.2	3.6/18.5	50589
2000 HR ₅₂	2004 09 22.8	00 00.51 +04 42.5 18.4	-0.95 - 8.0	1.8/24.4	66122	2000 VF ₄₁	2004 09 23.1	00 01.28 -00 16.0 19.2	-0.90 - 4.3	0.2/23.0	35536
2000 WL ₂₀	2004 09 22.8	00 00.52 -04 01.7 19.7	-0.85 - 4.5	1.5/21.6	42944	2003 CE ₈	2004 09 23.1	00 01.28 -09 40.0 19.3	-0.96 - 6.4	3.9/19.9	48325
2000 PD ₅	2004 09 22.8	00 00.53 -00 54.1 19.8	-0.94 - 6.3	0.4/22.6	62304	1999 VC ₇₆	2004 09 23.1	00 01.30 -00 57.2 19.9	-0.73 - 5.2	0.3/22.7	47821
1998 HF ₆₀	2004 09 22.8	00 00.55 -06 09.4 18.2	-1.01 + 0.1	2.3/21.3	66068	1998 HX ₃₇	2004 09 23.1	00 01.30 -04 47.4 17.6	-1.06 - 0.7	1.8/21.8	66068
2001 XB ₁₈₇	2004 09 22.8	00 00.56 +07 59.6 20.4	-0.92 - 6.6	2.9/25.5	27333	2003 FC ₇₅	2004 09 23.1	00 01.34 -21 59.0 19.1	-0.99 - 1.3	7.9/16.6	66309
2000 ET ₁₉₈	2004 09 22.8	00 00.58 +08 13.3 19.4	-1.02 - 6.9	3.4/26.0	43358	2000 SA ₁₉	2004 09 23.1	00 01.34 +06 19.4 19.3	-0.90 - 4.9	2.3/25.1	66148
2001 XD ₆₁	2004 09 22.8	00 00.60 -17 43.5 19.2	-0.94 - 4.1	8.3/17.0	30569	1999 VK ₁₀₁	2004 09 23.1	00 01.37 -02 49.6 19.9	-0.73 - 4.6	0.8/22.1	30334
1994 TQ ₉	2004 09 22.8	00 00.64 +00 25.2 20.0	-0.92 - 7.6	0.2/23.0	34686	2003 GT ₄₉	2004 09 23.1	00 01.38 -05 55.3 21.2	-0.95 - 5.9	2.1/21.2	50187
2000 QW ₁₇₄	2004 09 22.9	00 00.55 +03 31.4 18.7	-0.89 - 6.6	1.3/24.0	27686	2000 SP ₁₄₇	2004 09 23.1	00 01.43 -00 07.6 18.8	-0.83 - 4.7	0.1/23.0	29359
2000 AQ ₅	2004 09 22.9	00 00.56 -09 38.7 18.0	-0.74 - 5.0	3.1/19.5	66104	2001 BD ₄₇	2004 09 23.1	00 01.50 +11 15.3 19.1	-0.73 - 6.6	3.4/27.1	50519
2000 UK ₈₂	2004 09 22.9	00 00.56 +13 40.2 17.8	-0.82 - 6.4	4.7/27.6	29481	2000 CO ₈₆	2004 09 23.1	00 01.52 -09 36.4 18.5	-0.99 - 7.1	4.2/20.0	66109
2002 AW ₁₂₇	2004 09 22.9	00 00.57 -09 31.3 19.1	-0.76 - 7.0	2.9/19.5	66262	2002 FM ₉	2004 09 23.1	00 01.53 +08 37.2 19.3	-0.88 - 5.2	2.9/25.9	30101
1999 TH ₂₃₅	2004 09 22.9	00 00.66 -05 34.3 18.4	-0.79 - 4.0	2.0/21.1	66096	1996 VG ₃₃	2004 09 23.1	00 01.55 -07 22.2 19.7	-0.95 - 4.9	2.7/20.8	47706
2000 VE ₂₂	2004 09 22.9	00 00.67 +13 06.2 19.5	-0.82 - 6.8	4.2/27.5	31920	2000 RB ₇₅	2004 09 23.1	00 01.58 -09 03.0 18.2	-0.86 - 6.9	3.3/20.0	66145
2002 AN ₁₅₂	2004 09 22.9	00 00.70 +15 33.4 19.4	-0.94 - 2.9	4.8/27.8	30622	2000 SV ₃₀₂	2004 09 23.1	00 01.58 +19 14.8 19.6	-0.84 - 7.0	6.6/30.1	10989
2001 TY ₃₃	2004 09 22.9	00 00.74 +09 53.6 18.6	-1.03 - 4.1	3.8/26.0	65052	2001 YL ₅₇	2004 09 23.1	00 01.58 -13 35.6 18.9	-1.00 - 3.5	6.0/18.9	66256
1999 RG ₃₈	2004 09 22.9	00 00.79 -02 26.2 18.0	-0.83 - 2.9	1.0/22.2	66088	2000 TF ₅₃	2004 09 23.1	00 01.70 -22 12.0 19.0	-1.00 - 1.7	7.5/16.3	41675
2001 XE ₂₀₈	2004 09 22.9	00 00.80 +07 50.3 17.6	-0.82 - 9.7	3.4/26.0	66253	2000 UY ₄₅	2004 09 23.2	00 01.65 +12 02.0 19.5	-0.78 - 8.7	4.3/27.5	33287
2002 AO ₁₆₇	2004 09 22.9	00 00.82 +24 11.7 18.2	-1.17 + 1.7	8.7/29.4	30625	2002 EA ₁₄₆	2004 09 23.2	00 01.66 -00 37.0 20.1	-0.78 - 4.5	0.2/22.9	48224
2000 SU ₆₅	2004 09 22.9	00 00.83 -01 35.6 18.1	-0.67 - 7.4	0.8/22.3	64820	2003 KC	2004 09 23.2	00 01.69 -07 14.8 21.3	-0.93 - 6.5	2.6/20.8	50208

2001 XN ₄₁	2004 09 23.2	00 01.74 -17 50.2 18.5	-1.10 + 0.8	8.5/18.4	66246	2000 WE ₁₆₄	2004 09 23.5	00 02.83 -04 56.1 18.7	-0.82 - 4.6	1.8/21.8	66174
2000 UC ₄₈	2004 09 23.2	00 01.75 +03 09.3 20.1	-0.85 - 7.7	1.1/24.2	47978	2000 RP ₃₄	2004 09 23.5	00 02.84 +10 41.2 18.6	-0.93 - 4.0	3.7/26.8	66143
2001 UV ₁₅₈	2004 09 23.2	00 01.77 +04 34.3 19.6	-0.90 - 8.4	1.6/24.7	48143	1999 RK ₂₀₉	2004 09 23.5	00 02.91 +14 27.6 18.8	-0.74 - 6.6	4.7/28.7	47797
2002 EU ₉₄	2004 09 23.2	00 01.84 -02 51.0 19.1	-0.88 - 3.3	1.1/22.3	48221	2002 AN ₁₇₇	2004 09 23.5	00 02.91 -03 49.8 17.9	-0.92 - 5.6	1.7/22.2	30626
2001 XB ₁₀₉	2004 09 23.2	00 01.90 -18 06.8 19.4	-0.90 - 4.2	5.6/17.2	27787	2004 PN ₉₉	2004 09 23.5	00 02.92 +35 09.1 17.1	-1.01 - 1.3	15.0/08.2	65977
1999 JP ₂	2004 09 23.2	00 01.94 -08 48.2 19.6	-0.94 - 6.5	3.2/20.3	47777	2000 SQ ₂₁₈	2004 09 23.5	00 02.96 -17 07.4 18.4	-0.84 - 4.6	7.5/17.5	66156
2002 CW ₃	2004 09 23.2	00 01.96 -08 45.0 17.8	-0.91 - 2.8	4.3/20.5	66265	2001 VY ₇₉	2004 09 23.5	00 02.98 -09 34.7 18.9	-0.90 - 7.8	3.7/20.2	66240
2001 XX ₃₃	2004 09 23.2	00 02.06 -01 31.8 20.1	-0.89 - 6.3	0.6/22.7	62383	1998 HM ₈₀	2004 09 23.5	00 02.99 -04 17.1 21.3	-0.87 - 4.1	1.3/22.1	47730
2003 HU ₄₇	2004 09 23.3	00 02.01 +02 31.3 18.6	-1.06 - 3.1	0.9/24.0	66312	2002 CO ₇₉	2004 09 23.5	00 03.04 -04 16.2 19.4	-0.82 - 6.7	1.6/22.0	30653
2001 YC ₁₀₈	2004 09 23.3	00 02.02 -12 15.3 17.3	-0.79 - 7.4	6.1/18.7	65259	2002 CJ ₁₃₇	2004 09 23.5	00 03.06 -08 31.2 19.5	-0.77 - 8.2	2.7/20.4	30667
2003 FM ₂₃	2004 09 23.3	00 02.04 -01 38.9 19.0	-0.88 - 8.1	0.8/22.7	65472	1999 VS ₁₀₄	2004 09 23.5	00 03.07 -00 01.2 20.1	-0.73 - 4.6	0.1/23.5	33839
2001 YJ ₈₅	2004 09 23.3	00 02.05 +00 13.6 19.1	-0.91 - 4.7	0.0/23.3	66257	2002 CZ ₂₁₉	2004 09 23.5	00 03.07 -03 10.6 18.1	-0.81 - 4.3	1.2/22.4	66270
2001 VH	2004 09 23.3	00 02.06 -00 43.7 19.1	-1.09 - 3.6	0.4/23.0	57847	2001 TL ₆₈	2004 09 23.5	00 03.08 -10 05.9 19.2	-1.05 - 3.5	4.2/20.5	48119
1997 AV ₇	2004 09 23.3	00 02.06 +05 47.3 20.0	-0.82 - 5.2	1.9/25.2	6748	2002 JH ₁₂₉	2004 09 23.5	00 03.13 +03 51.7 20.2	-0.72 - 5.4	1.0/24.8	50611
1993 TK ₇	2004 09 23.3	00 02.10 +07 49.5 20.4	-0.92 - 5.8	2.8/25.8	30245	2001 XW ₂₅	2004 09 23.6	00 03.07 -22 37.6 18.8	-0.90 - 3.8	7.3/15.9	66246
2001 AM ₁₅	2004 09 23.3	00 02.12 +09 35.5 20.0	-0.75 - 5.1	2.7/26.5	50516	2000 SP ₂₆₉	2004 09 23.6	00 03.09 -07 32.5 17.9	-0.83 - 5.5	3.1/21.0	66158
2002 CS ₁₄₃	2004 09 23.3	00 02.13 +02 43.1 18.3	-0.89 - 5.1	1.1/24.1	66269	2002 CP ₂₇₂	2004 09 23.6	00 03.11 -18 30.0 18.7	-0.89 - 6.4	7.8/16.7	66271
2001 TU ₂₃₃	2004 09 23.3	00 02.13 -00 10.6 20.1	-1.01 - 5.3	0.2/23.2	46773	1999 RE ₈₀	2004 09 23.6	00 03.11 +00 50.4 19.3	-0.65 -12.8	0.2/23.8	49679
2002 CO ₂₄	2004 09 23.3	00 02.16 +11 00.4 19.1	-0.87 - 5.5	3.4/26.9	31966	2001 XT ₂₁₄	2004 09 23.6	00 03.13 +03 53.8 18.7	-0.98 - 3.9	1.4/24.7	66253
1998 FF ₇₉	2004 09 23.3	00 02.17 -06 16.6 19.1	-0.83 - 6.0	2.0/21.1	30265	2002 GS ₁₀₉	2004 09 23.6	00 03.20 -27 59.8 19.7	-0.83 - 1.9	6.7/14.1	32006
2000 TM ₅₂	2004 09 23.3	00 02.18 +01 26.4 18.8	-0.81 - 7.1	0.4/23.8	66163	2000 YB ₇₉	2004 09 23.6	00 03.30 -17 31.4 18.3	-0.76 - 4.3	5.1/17.5	50513
2002 CZ ₁₂₂	2004 09 23.3	00 02.21 -02 14.1 16.1	-0.71 - 8.4	1.2/22.4	66268	2001 AR ₁₃	2004 09 23.6	00 03.36 +21 02.2 19.2	-0.85 - 2.6	6.3/30.6	66181
2002 CX ₁₀₆	2004 09 23.3	00 02.23 -03 19.6 19.3	-0.75 - 5.1	1.0/22.1	30660	2000 WE ₁₉₂	2004 09 23.6	00 03.37 -16 40.4 19.4	-0.78 - 8.3	5.6/17.2	47995
2000 UZ ₉₈	2004 09 23.3	00 02.25 +12 05.7 18.6	-0.88 - 4.3	4.2/27.2	29488	2001 YU ₉₇	2004 09 23.6	00 03.40 -06 04.6 19.9	-0.91 - 5.7	2.3/21.6	50583
1999 VB ₁₉₅	2004 09 23.3	00 02.27 -16 21.9 19.1	-0.82 - 2.6	5.6/18.0	66100	2000 YO ₁₃₆	2004 09 23.6	00 03.40 +00 36.6 19.8	-0.80 - 4.7	0.1/23.8	48003
1999 BB ₁₃	2004 09 23.3	00 02.29 +02 03.9 19.9	-0.92 - 6.4	0.6/24.0	47764	2001 BW ₃₁	2004 09 23.6	00 03.41 +19 06.1 19.5	-0.86 - 1.7	5.4/29.6	17537
1999 TX ₉₁	2004 09 23.3	00 02.32 -14 52.9 17.8	-0.85 - 2.4	4.7/18.7	66093	2000 QZ ₅₇	2004 09 23.6	00 03.47 -01 39.5 17.4	-1.01 - 2.1	0.9/23.1	66134
2001 UU ₈₁	2004 09 23.3	00 02.42 -03 29.6 18.8	-0.94 - 6.2	1.7/22.2	30516	1995 TA ₅	2004 09 23.6	00 03.47 -02 55.8 21.0	-0.84 - 3.9	1.0/22.6	47698
1998 AW ₁	2004 09 23.4	00 02.38 +07 34.6 20.9	-0.92 - 5.0	2.8/25.7	26874	1999 JJ ₁₀₀	2004 09 23.6	00 03.51 -45 14.9 19.6	-1.04 - 2.4	14.1/06.0	66086
2003 FZ ₇₄	2004 09 23.4	00 02.38 -09 59.1 19.1	-0.81 - 8.3	3.7/19.8	66309	1997 XE ₂	2004 09 23.7	00 03.43 -23 05.8 18.7	-0.97 - 3.7	7.6/15.9	66064
1999 FG ₃₄	2004 09 23.4	00 02.40 -05 26.0 19.9	-0.94 - 5.9	2.0/21.6	33805	2002 CD ₆₁	2004 09 23.7	00 03.48 -06 13.1 19.0	-0.80 - 3.1	1.8/21.6	66267
2000 YJ ₁₀₈	2004 09 23.4	00 02.42 +01 57.1 19.9	-0.84 - 4.4	0.6/24.0	48001	2003 EE ₆	2004 09 23.7	00 03.51 -08 17.8 19.4	-0.97 - 6.1	3.3/21.0	50748
2000 WQ ₁₈₂	2004 09 23.4	00 02.42 +04 15.8 18.7	-0.72 -13.8	1.3/25.0	66175	2000 KU ₁₀	2004 09 23.7	00 03.55 +15 47.8 19.9	-0.91 - 9.6	6.2/29.5	47896
2002 EW ₁₃₀	2004 09 23.4	00 02.43 -00 02.5 17.9	-0.82 - 6.3	0.1/23.3	61223	2002 BX ₃	2004 09 23.7	00 03.67 -03 29.8 19.7	-0.91 - 3.5	1.2/22.6	48195
2000 JJ ₄₈	2004 09 23.4	00 02.47 +08 06.3 18.1	-1.04 - 5.2	3.1/26.0	66125	2001 DK ₁₀₁	2004 09 23.7	00 03.67 -07 50.6 19.4	-0.81 - 2.5	2.5/21.2	30452
2001 XK ₁₇₇	2004 09 23.4	00 02.50 -05 34.6 20.8	-0.83 - 6.2	1.8/21.5	25482	2000 WF ₉₂	2004 09 23.7	00 03.79 -05 46.7 18.6	-0.85 - 4.4	2.3/21.8	41676
2001 YR ₈₇	2004 09 23.4	00 02.51 +16 04.5 19.4	-0.93 - 3.9	5.1/28.6	25514	1999 VD ₃₀	2004 09 23.7	00 03.79 -08 55.1 18.3	-0.78 - 3.4	3.3/20.8	66098
2003 FZ ₂₇	2004 09 23.4	00 02.62 +05 48.1 19.1	-0.82 - 9.1	2.5/25.5	50754	2001 YD ₁₀₁	2004 09 23.7	00 03.80 -01 28.2 20.7	-0.90 - 6.7	0.7/23.2	48181
2001 BF ₇	2004 09 23.4	00 02.69 +11 47.3 18.0	-0.90 - 0.9	4.9/26.8	64902	2000 GK ₄₆	2004 09 23.7	00 03.81 -04 51.7 18.0	-1.04 - 3.3	2.5/22.3	66117
2001 VK ₁₂₂	2004 09 23.4	00 02.69 -23 32.2 18.9	-0.89 - 5.0	7.5/15.1	66242	2000 QF ₄₃	2004 09 23.7	00 03.84 +02 46.4 18.4	-0.86 - 6.5	1.0/24.6	66134
1993 QG ₉	2004 09 23.4	00 02.71 -03 20.9 18.8	-0.86 - 5.7	1.7/22.3	66051	1999 TS ₁₉₇	2004 09 23.7	00 03.85 -13 03.4 19.5	-0.88 - 2.5	4.0/19.5	2668
1999 VJ ₁₅₉	2004 09 23.4	00 02.74 -12 11.6 17.9	-0.91 - 0.6	4.3/19.9	30335	2003 FA ₈₃	2004 09 23.7	00 03.86 -00 54.6 19.7	-0.86 - 9.2	0.5/23.3	50757
2002 CN ₂₄₃	2004 09 23.4	00 02.76 +00 58.4 18.5	-0.65 -10.0	0.2/23.8	66271	2000 SK ₁₅₂	2004 09 23.8	00 03.79 +02 15.7 18.3	-0.77 - 8.6	0.8/24.5	31915
1999 TE ₁₉₃	2004 09 23.4	00 02.77 +22 54.9 19.2	-0.74 - 5.3	6.2/02.0	47809	2002 CQ ₂₄₁	2004 09 23.8	00 03.87 +19 52.3 18.0	-0.97 - 1.7	6.8/29.8	66271
2000 SA ₅₂	2004 09 23.5	00 02.71 +05 37.5 19.2	-0.92 - 4.2	2.1/25.2	47944	2003 GH ₅₃	2004 09 23.8	00 03.88 -05 32.1 20.3	-0.92 - 7.9	2.1/21.8	50761
2002 AH ₁₃₀	2004 09 23.5	00 02.74 +20 37.6 18.8	-0.96 - 2.9	7.0/30.1	65288	2002 AH ₄₇	2004 09 23.8	00 03.89 +02 58.9 20.2	-0.94 - 6.3	1.0/24.7	50585
2002 CJ ₁	2004 09 23.5	00 02.74 -12 46.6 18.5	-0.89 - 2.5	4.0/19.5	30635	2002 AJ ₅₇	2004 09 23.8	00 03.92 -04 09.4 19.5	-0.87 - 7.1	1.7/22.3	30610
2002 CD ₃₃	2004 09 23.5	00 02.77 -23 56.4 18.8	-0.83 - 7.1	8.4/14.3	30642	2000 SC ₁₂₈	2004 09 23.8	00 03.93 -07 41.9 18.6	-0.88 - 4.1	3.1/21.3	30394
2000 WF ₇₅	2004 09 23.5	00 02.79 -11 46.2 18.5	-0.89 - 2.2	3.6/19.9	31924	1999 NX ₄	2004 09 23.8	00 03.96 -13 45.8 17.6	-0.50 -14.5	5.8/17.4	66087
2002 CC	2004 09 23.5	00 02.81 -34 02.0 21.4	-0.85 - 1.5	6.9/11.9	30635	2002 AZ ₁₇₈	2004 09 23.8	00 03.98 +02 03.9 18.1	-0.93 - 4.7	0.7/24.4	27818
2002 CF ₁₃₄	2004 09 23.5	00 02.83 -03 11.9 20.8	-0.83 - 7.1	1.1/22.3	48206	2000 WM ₄₈	2004 09 23.8	00 03.99 +11 40.5 16.9	-0.76 - 7.2	4.9/27.8	30425

2001 XZ ₁₁₄	2004 09 23.8	00 04.01 +08 23.8 18.7	-1.00 - 3.9	3.1/26.3	25472	2000 SE ₃₅	2004 09 24.2	00 05.25 -01 48.0 19.2	-0.92 - 4.2	0.9/23.5	66149
2002 AL ₁₅₀	2004 09 23.8	00 04.03 -05 40.1 19.4	-0.84 - 5.5	2.1/21.8	48192	2000 UR ₃₈	2004 09 24.2	00 05.32 -09 51.1 18.1	-0.91 - 2.0	4.5/21.1	66164
2000 YY ₅₃	2004 09 23.8	00 04.10 -16 14.1 19.0	-0.73 - 4.9	4.6/18.0	66179	2002 DL ₁₁	2004 09 24.2	00 05.33 +02 17.8 19.3	-0.88 - 6.5	0.7/24.8	48214
1999 UA ₁₂	2004 09 23.8	00 04.16 +01 10.2 20.7	-0.72 - 5.1	0.2/24.1	33120	2001 UA ₁₁₃	2004 09 24.2	00 05.40 +02 32.7 19.0	-1.00 - 5.0	0.8/24.8	46819
1997 TV ₁₈	2004 09 23.8	00 04.19 -04 14.8 17.8	-0.81 - 5.4	2.3/22.3	6761	1998 FA ₁₁₀	2004 09 24.2	00 05.40 +12 25.0 19.2	-0.83 - 7.4	3.7/28.4	30266
2003 HW ₅₄	2004 09 23.8	00 04.23 -04 13.2 20.4	-0.94 - 5.3	1.6/22.4	47572	2001 BZ ₆₃	2004 09 24.2	00 05.40 +03 29.1 19.9	-0.72 - 5.9	0.8/25.2	12280
2003 FE ₁₂₃	2004 09 23.9	00 04.14 -43 30.3 20.0	-1.02 - 1.0	13.5/07.3	66310	1999 XR ₇₀	2004 09 24.2	00 05.42 +00 21.7 17.7	-0.70 - 5.6	0.1/24.2	33158
2000 WB ₁₂₂	2004 09 23.9	00 04.17 +01 30.6 19.1	-0.80 - 5.4	0.3/24.3	31926	2000 RZ ₁₀₁	2004 09 24.2	00 05.42 +20 01.4 17.8	-0.78 -10.3	7.4/02.2	46462
2002 CO ₂₄₈	2004 09 23.9	00 04.21 -12 28.2 19.1	-0.82 - 5.4	4.6/19.5	48211	1999 TV ₆₄	2004 09 24.2	00 05.45 +01 48.6 20.2	-0.85 - 3.1	0.4/24.6	29117
2002 CY ₂₁₈	2004 09 23.9	00 04.23 -08 18.5 19.0	-0.69 - 7.7	2.7/20.7	66270	2002 BP ₂₃	2004 09 24.2	00 05.46 +01 48.7 19.0	-1.01 - 1.5	0.4/24.6	65300
2001 SN ₁₁₆	2004 09 23.9	00 04.24 -09 24.6 18.9	-1.04 - 3.6	4.0/21.0	66647	2002 CN ₁₃₅	2004 09 24.2	00 05.47 +03 59.4 19.5	-0.82 - 6.0	1.2/25.4	30667
2000 GZ ₆₄	2004 09 23.9	00 04.28 -06 32.7 17.8	-1.05 - 2.1	3.3/22.0	66118	2002 CK ₂₆₁	2004 09 24.2	00 05.56 -07 54.6 19.0	-0.85 - 6.5	2.8/21.4	33965
2003 DP ₁₂	2004 09 23.9	00 04.30 +01 16.5 19.7	-0.93 - 7.0	0.3/24.2	48328	2002 AR ₁₁₈	2004 09 24.2	00 05.60 -05 24.9 18.2	-0.90 - 6.7	2.4/22.3	66262
2000 SJ ₃₄₇	2004 09 23.9	00 04.30 +23 43.9 17.9	-1.01 - 1.3	9.2/01.4	66161	2000 QY ₂₁₆	2004 09 24.2	00 05.61 -02 03.1 19.1	-1.08 - 0.4	1.0/23.6	47929
1999 TP ₈₂	2004 09 23.9	00 04.31 +02 21.6 19.5	-0.70 - 7.8	0.5/24.6	29119	2003 FH ₁₁₉	2004 09 24.2	00 05.62 -03 49.9 19.6	-0.91 - 5.9	1.6/22.9	62444
2000 TK ₂₂	2004 09 23.9	00 04.31 +18 08.8 17.9	-0.80 - 8.8	6.1/30.7	64862	2001 XG ₁₃₁	2004 09 24.3	00 05.68 +06 11.5 20.2	-0.90 - 6.9	1.9/26.2	48167
1999 TJ ₂₈₀	2004 09 23.9	00 04.33 -01 34.8 18.4	-0.75 - 5.6	0.7/23.2	66097	2002 CY ₉₃	2004 09 24.3	00 05.69 -01 02.6 19.2	-0.87 - 4.1	0.6/23.8	31967
2002 GD ₈₀	2004 09 23.9	00 04.36 -10 54.9 19.7	-0.78 - 3.1	3.3/20.3	48229	2001 AB ₇	2004 09 24.3	00 05.70 -19 27.0 20.8	-0.70 - 5.3	5.1/17.0	33350
2000 SG ₂₉₇	2004 09 23.9	00 04.37 +08 55.6 18.4	-0.92 - 4.1	2.9/26.6	66159	2000 ER ₄₃	2004 09 24.3	00 05.73 -00 55.9 19.4	-0.96 - 8.4	0.6/23.8	66113
2003 FG ₄	2004 09 23.9	00 04.37 -04 12.2 22.1	-0.82 - 6.1	1.3/22.4	50753	1999 VK ₂₁₆	2004 09 24.3	00 05.75 +19 05.2 19.0	-0.72 - 5.7	4.7/01.1	31879
2001 SN ₁₀₇	2004 09 23.9	00 04.41 +08 09.5 16.4	-1.01 + 1.9	4.4/26.0	65008	2002 CT ₁₉₅	2004 09 24.3	00 05.76 -16 10.3 19.8	-0.70 - 7.8	5.0/18.1	50593
2001 XT ₁₂₀	2004 09 24.0	00 04.52 -10 25.1 19.5	-0.96 - 6.1	4.4/20.5	47017	2000 YX ₁₃₄	2004 09 24.3	00 05.76 +16 10.9 18.5	-0.90 - 3.2	4.7/29.3	66181
2000 SU ₂₈	2004 09 24.0	00 04.53 +15 22.2 17.5	-0.58 - 6.8	7.5/29.8	13741	2002 EF ₁₁₂	2004 09 24.3	00 05.82 -17 15.2 19.4	-0.81 - 3.6	5.3/18.4	31476
2002 CY ₁₃₃	2004 09 24.0	00 04.54 +03 48.6 19.7	-0.83 - 2.3	0.9/25.0	30666	2000 TR ₂₈	2004 09 24.3	00 05.84 -55 31.0 19.4	-1.88 +19.3	27.9/26.0	47972
2002 CF ₄₇	2004 09 24.0	00 04.59 +10 01.2 21.3	-0.81 - 5.7	2.7/27.3	29782	2000 KB ₅₆	2004 09 24.3	00 05.85 +06 53.7 17.8	-0.85 - 9.4	2.8/26.6	66127
2000 SP ₁₈₈	2004 09 24.0	00 04.68 +04 27.1 18.7	-0.76 - 9.0	1.2/25.5	30398	2000 WE ₄₄	2004 09 24.3	00 05.86 -14 47.0 19.7	-0.86 - 3.9	4.6/19.3	30425
1999 XB ₁₁₂	2004 09 24.0	00 04.75 -18 39.1 18.4	-0.83 - 2.9	6.5/17.6	40417	1999 TB ₂₆₈	2004 09 24.3	00 05.96 +17 11.8 18.4	-0.77 - 5.5	5.8/30.3	30327
2002 EK ₁₁₂	2004 09 24.0	00 04.77 -05 13.3 20.3	-0.69 - 8.5	1.9/21.9	47197	1999 TT ₂₁₇	2004 09 24.4	00 06.03 -17 02.4 18.7	-0.81 - 2.8	5.3/18.6	30325
2002 AH ₅₈	2004 09 24.0	00 04.87 +02 57.1 19.2	-0.92 - 5.8	0.9/24.9	30610	1999 UQ ₄₁	2004 09 24.4	00 06.08 +04 05.6 19.3	-0.81 - 3.9	1.2/25.5	47817
1999 TC ₂₀	2004 09 24.0	00 04.89 -05 08.5 17.9	-0.73 - 5.8	1.8/22.1	66092	2002 AH ₉₀	2004 09 24.4	00 06.12 +09 12.6 18.2	-0.91 - 6.0	3.5/27.2	27806
2002 AC ₁₂₂	2004 09 24.0	00 04.90 -02 49.3 19.0	-0.93 - 5.0	1.3/23.0	30618	2001 AK ₄₈	2004 09 24.4	00 06.14 -04 18.1 19.7	-0.74 - 4.9	1.5/22.8	50518
2002 CX ₁₃₃	2004 09 24.0	00 04.91 +03 47.2 18.2	-0.85 - 2.4	1.0/25.1	29836	2002 EV ₆₈	2004 09 24.4	00 06.15 +03 58.8 20.0	-0.68 - 6.2	0.9/25.6	31979
2000 TV ₃₂	2004 09 24.0	00 04.91 -01 49.5 19.2	-0.82 - 6.8	0.8/23.3	30409	1999 AN ₇	2004 09 24.4	00 06.19 +06 08.8 18.2	-0.98 - 6.4	2.4/26.0	66080
1999 XV ₁₄₄	2004 09 24.0	00 04.93 -13 58.6 19.4	-0.78 - 3.2	4.2/19.3	66103	1998 FW ₁₂₆	2004 09 24.4	00 06.20 -11 49.5 19.6	-0.79 - 8.6	3.8/19.9	50384
2000 UT ₂₅	2004 09 24.1	00 04.87 -09 11.7 19.2	-0.82 - 6.0	3.3/20.8	30412	2001 CV ₃₄	2004 09 24.4	00 06.22 -25 14.4 19.8	-0.82 - 2.8	6.8/15.4	20836
2002 CX ₁₅₁	2004 09 24.1	00 04.91 -04 52.9 19.8	-0.79 - 5.0	1.7/22.3	47181	2001 AU ₄₂	2004 09 24.4	00 06.22 -23 42.8 18.7	-0.79 - 2.6	6.9/16.2	66181
2002 CS ₂₄₄	2004 09 24.1	00 04.93 +00 55.7 19.2	-0.74 - 4.4	0.1/24.2	50594	2001 XU ₂₃₂	2004 09 24.4	00 06.23 +12 30.2 19.8	-0.99 - 4.4	5.3/28.2	26092
2000 XE ₁₈	2004 09 24.1	00 04.93 -17 40.2 17.8	-1.15 + 3.5	8.0/19.7	66176	2002 GY ₁₁	2004 09 24.4	00 06.28 -07 57.9 20.5	-0.73 - 4.2	2.3/21.6	48226
2003 GC ₇	2004 09 24.1	00 05.05 +00 12.0 18.8	-0.78 - 9.1	0.1/24.0	47509	2001 UP ₁₂₁	2004 09 24.4	00 06.32 -11 20.8 19.5	-0.99 - 4.9	4.5/20.7	46826
2001 XO ₁₈₂	2004 09 24.1	00 05.08 +25 35.4 17.1	-0.86 - 4.3	11.9/03.8	65225	2000 SG ₃₀₀	2004 09 24.4	00 06.32 +06 31.8 19.3	-0.87 - 5.2	2.3/26.4	27096
2000 SV ₁₁₅	2004 09 24.1	00 05.10 -03 54.1 18.4	-0.87 - 4.3	1.9/22.7	66152	2001 UV ₁₅₂	2004 09 24.4	00 06.35 +01 44.2 18.8	-0.87 - 6.6	0.5/24.8	30525
1999 JP ₉₇	2004 09 24.1	00 05.13 -12 02.4 19.2	-0.83 - 7.3	4.1/19.8	66086	2003 CR ₂₁	2004 09 24.4	00 06.37 -07 01.0 18.1	-0.79 - 9.1	3.5/21.7	66305
2003 FG ₇₃	2004 09 24.1	00 05.16 -05 56.5 19.6	-1.00 - 3.4	2.4/22.3	47443	2003 EQ ₄₉	2004 09 24.5	00 06.34 -08 35.0 18.6	-0.88 - 8.3	3.8/21.3	47377
2002 FX ₁	2004 09 24.1	00 05.17 -00 17.6 20.0	-0.69 - 9.5	0.3/23.8	30089	2001 VP ₄₂	2004 09 24.5	00 06.37 +08 08.8 19.1	-0.95 - 6.1	2.7/26.9	66238
2000 XF ₇	2004 09 24.1	00 05.17 -10 10.1 18.3	-0.93 - 3.1	3.5/20.8	30435	2002 AW ₆₃	2004 09 24.5	00 06.39 +13 36.2 20.3	-0.90 - 3.3	3.8/28.6	48187
2000 UC ₄₁	2004 09 24.1	00 05.21 +01 31.1 18.8	-0.87 - 4.6	0.4/24.5	29458	2000 SJ ₈₈	2004 09 24.5	00 06.45 -20 07.3 18.0	-0.99 - 1.9	7.4/18.0	66151
1998 FK ₁₃₅	2004 09 24.1	00 05.22 +04 23.1 19.9	-0.95 - 2.1	1.2/25.3	47728	2000 SR ₃₂₇	2004 09 24.5	00 06.47 +04 30.3 18.2	-0.85 - 4.5	1.6/25.8	66161
2002 CA ₇₄	2004 09 24.1	00 05.28 +05 07.0 20.5	-0.84 - 3.7	1.3/25.6	30651	2001 YZ ₂₉	2004 09 24.5	00 06.47 +11 53.1 19.1	-0.98 - 5.1	4.4/28.1	26098
2001 UN ₃₃	2004 09 24.1	00 05.30 -08 53.1 18.5	-0.94 - 7.6	3.5/21.0	66229	2000 SJ ₁₇₈	2004 09 24.5	00 06.47 +20 16.8 18.2	-0.59 -11.5	8.6/03.1	9828
1999 TE ₅₂	2004 09 24.2	00 05.23 +08 08.8 20.1	-0.72 - 6.2	2.2/26.9	47802	1992 DX ₉	2004 09 24.5	00 06.48 +02 34.2 19.6	-0.88 - 8.6	0.7/25.2	46317
2000 SJ ₁₈₇	2004 09 24.2	00 05.23 -03 13.0 19.2	-0.89 - 4.6	1.5/23.0	47957	2002 ED ₁₉	2004 09 24.5	00 06.56 +17 29.6 19.4	-0.83 - 5.3	4.9/30.4	30704

2003 GX ₂₂	2004 09 24.5	00 06.57 -00 12.3 19.9	-0.88 - 7.3	0.3/24.3	50760	2003 HS ₂₀	2004 09 24.8	00 07.76 +01 45.2 20.2	-0.93 - 5.9	0.3/25.2	62445
2001 VW ₁₀₆	2004 09 24.5	00 06.57 +09 48.1 17.8	-0.96 - 7.0	4.2/27.6	66241	2000 VH ₄₀	2004 09 24.8	00 07.76 +07 07.4 19.4	-0.82 - 6.5	2.7/27.0	13796
1999 XW ₁₂₆	2004 09 24.5	00 06.58 +20 58.8 19.6	-0.77 - 4.8	6.2/01.7	17103	2000 SF ₆₇	2004 09 24.8	00 07.77 +00 12.5 18.7	-0.92 - 3.3	0.3/24.7	66150
2001 TH ₆₃	2004 09 24.5	00 06.58 -02 02.7 18.7	-0.98 - 6.7	1.2/23.7	48118	2002 AW ₇₀	2004 09 24.8	00 07.79 +05 01.8 19.3	-0.92 - 5.6	1.5/26.2	48187
2001 VC ₁₀₉	2004 09 24.5	00 06.58 -10 24.9 19.1	-1.02 - 3.3	4.3/21.3	48154	2002 CN ₈₄	2004 09 24.8	00 07.81 -02 31.5 18.7	-0.81 - 6.2	1.3/23.8	66267
1999 CU ₈₇	2004 09 24.5	00 06.66 +04 45.5 19.8	-0.97 - 4.8	1.3/25.8	50404	2000 ST ₁₇₉	2004 09 24.9	00 07.75 +03 13.6 17.5	-0.93 - 3.3	1.0/25.6	66155
2000 SY ₂₆₈	2004 09 24.5	00 06.72 -05 47.6 18.1	-0.70 - 7.9	3.0/22.2	66158	2002 FZ ₃₅	2004 09 24.9	00 07.76 -21 06.9 20.1	-0.92 - 4.0	6.8/17.4	33542
2002 FV ₁₃	2004 09 24.6	00 06.71 -18 19.0 19.4	-0.78 - 4.5	5.6/18.0	31483	2000 WD ₁₇₃	2004 09 24.9	00 07.76 -22 26.1 19.3	-0.73 - 4.4	5.9/16.5	31927
2000 RN ₄₀	2004 09 24.6	00 06.72 +12 13.1 17.7	-0.62 -11.4	5.1/29.4	66144	2000 GJ ₇₈	2004 09 24.9	00 07.78 -02 52.0 18.9	-1.00 - 4.9	1.6/23.8	23527
2000 SN ₁₇₄	2004 09 24.6	00 06.76 +19 32.9 18.8	-0.92 - 4.5	6.6/30.9	47956	2000 AO ₁₆₂	2004 09 24.9	00 07.82 +32 47.0 19.8	-1.39 + 0.3	13.9/04.4	66106
2002 CQ ₁₃₁	2004 09 24.6	00 06.79 +01 35.8 19.3	-0.78 - 7.6	0.3/24.9	66269	1999 RN ₂₃₅	2004 09 24.9	00 07.88 -01 45.9 18.3	-0.79 - 4.5	0.8/24.1	66091
1999 VQ ₂₀₀	2004 09 24.6	00 06.92 -01 35.0 18.6	-0.67 - 8.8	0.6/23.8	66100	1999 TB ₈₀	2004 09 24.9	00 07.88 -02 31.0 20.4	-0.75 - 4.8	0.9/23.8	47804
1995 FN ₅	2004 09 24.6	00 06.96 -03 38.4 21.0	-0.88 - 6.2	1.5/23.2	46324	2000 SU ₁₄₂	2004 09 24.9	00 07.93 +20 30.8 18.3	-0.79 - 9.5	7.6/02.9	50491
2001 XA ₁₅₈	2004 09 24.6	00 07.02 -11 26.3 19.5	-0.90 - 6.1	4.3/20.6	48169	2003 MU ₂	2004 09 24.9	00 07.93 -28 57.8 20.4	-0.74 - 6.4	7.9/13.5	50224
2000 QX ₁₄₅	2004 09 24.6	00 07.02 -07 16.7 17.9	-0.74 -10.2	3.5/21.7	64776	2002 CT ₁₀₂	2004 09 24.9	00 08.00 -01 55.2 19.7	-0.84 - 4.6	0.9/24.1	30659
2001 YY ₁₀₇	2004 09 24.6	00 07.09 +07 41.2 17.7	-0.89 - 5.9	2.9/27.0	27795	2000 SX ₈₄	2004 09 24.9	00 08.03 -05 16.0 18.1	-0.96 - 2.5	2.7/23.2	47948
2002 CY ₄₇	2004 09 24.7	00 07.06 -03 17.1 19.0	-0.86 - 6.9	1.9/23.3	31449	2001 VZ ₅₇	2004 09 24.9	00 08.03 -03 11.0 19.1	-1.05 - 3.9	1.6/23.8	48151
2001 SK ₂₆₁	2004 09 24.7	00 07.07 +03 49.3 18.7	-1.00 - 7.0	1.4/26.0	66215	2003 MN ₂	2004 09 24.9	00 08.07 +34 39.5 19.8	-0.84 - 2.7	7.5/07.9	53735
1999 VM ₁₁₀	2004 09 24.7	00 07.11 +12 42.8 20.1	-0.70 - 5.6	3.3/29.0	34809	1999 CW ₁₃₇	2004 09 24.9	00 08.12 +02 45.4 21.3	-0.93 - 5.6	0.6/25.6	46353
2002 BW ₇	2004 09 24.7	00 07.12 +01 58.5 19.6	-0.94 - 5.2	0.4/25.1	30630	2003 FO ₁₀₇	2004 09 24.9	00 08.19 -19 42.0 19.8	-0.97 - 2.2	6.5/18.8	48357
1999 TN ₁₉	2004 09 24.7	00 07.12 -16 58.0 19.0	-0.78 - 3.8	5.3/18.7	33826	2001 SZ ₉	2004 09 25.0	00 08.10 -03 05.2 18.5	-1.03 - 4.5	1.6/23.8	66205
2001 YG ₈₀	2004 09 24.7	00 07.14 -05 55.5 19.6	-0.92 - 6.1	2.5/22.5	26102	2003 FJ ₂₆	2004 09 25.0	00 08.10 +00 01.4 18.4	-0.85 -10.2	0.4/24.7	66308
2002 BK ₁₈	2004 09 24.7	00 07.18 -00 50.7 19.7	-0.86 - 5.5	0.5/24.2	48196	2001 XJ ₂₆	2004 09 25.0	00 08.11 -25 20.3 19.4	-0.91 - 4.9	7.8/15.6	30564
2001 CN ₂₉	2004 09 24.7	00 07.18 +08 55.4 19.3	-0.86 - 1.5	2.5/27.2	13811	2000 UZ ₅₄	2004 09 25.0	00 08.12 -12 56.5 19.5	-0.82 - 4.7	4.3/20.4	47978
1999 VD ₉₆	2004 09 24.7	00 07.20 +00 59.0 19.9	-0.76 - 4.8	0.1/24.8	30334	2003 FS ₃₄	2004 09 25.0	00 08.13 -01 31.4 18.4	-0.82 - 7.6	1.1/24.2	62443
1996 TM ₁₂	2004 09 24.7	00 07.21 +07 47.6 19.2	-0.78 - 9.7	2.8/27.3	5419	2002 CA ₁₃	2004 09 25.0	00 08.14 +04 42.6 19.2	-0.95 - 1.8	1.1/26.1	30637
1999 TO ₂₁₄	2004 09 24.7	00 07.24 -02 07.2 18.8	-0.77 - 4.9	1.0/23.8	66096	2000 SP ₄₂	2004 09 25.0	00 08.18 -18 45.5 18.3	-1.17 - 3.8	9.3/18.3	12246
2000 GW ₉₀	2004 09 24.7	00 07.25 -09 36.7 19.1	-1.02 - 5.3	4.1/21.6	47880	2001 YN ₈₂	2004 09 25.0	00 08.18 -14 23.5 18.9	-0.95 - 4.2	7.0/20.0	66256
2001 AH ₄₅	2004 09 24.7	00 07.25 -12 47.4 18.9	-0.67 - 7.1	3.5/19.7	50517	2000 QG ₁₅	2004 09 25.0	00 08.22 -05 28.3 18.7	-0.79 - 9.1	2.6/22.7	66133
1998 HY ₁₂₂	2004 09 24.7	00 07.27 +01 34.7 18.1	-0.74 - 8.5	0.2/25.0	30270	2001 BF ₄₇	2004 09 25.0	00 08.26 +02 36.1 18.6	-0.70 - 7.6	0.5/25.7	31392
2002 CL ₂₉	2004 09 24.7	00 07.36 +00 33.7 16.3	-1.00 0.0	0.1/24.7	65305	2002 AE ₁₆₈	2004 09 25.0	00 08.28 -01 59.1 20.4	-0.90 - 6.5	1.1/24.1	48193
2000 WT ₄	2004 09 24.7	00 07.38 +23 21.7 19.0	-0.96 - 2.4	8.4/01.8	53660	2000 SF ₁₁₅	2004 09 25.0	00 08.36 -07 49.7 17.6	-1.03 - 1.0	3.3/22.7	66152
2001 QX ₂₆₉	2004 09 24.7	00 07.40 +33 47.1 20.2	-1.57 + 3.2	15.3/03.3	43413	2002 AK ₁₁₆	2004 09 25.0	00 08.36 -12 27.9 17.2	-0.74 - 4.4	6.8/20.4	65286
2002 CW ₉₇	2004 09 24.7	00 07.43 -00 53.2 17.8	-0.94 - 4.1	0.8/24.3	30658	2002 CA ₁₆₃	2004 09 25.0	00 08.36 -03 43.9 19.6	-0.87 - 3.8	1.5/23.6	30673
2000 XX ₃₉	2004 09 24.7	00 07.48 +27 26.8 17.1	-1.13 + 2.3	11.0/01.8	64895	1999 WA ₈	2004 09 25.0	00 08.39 +13 44.3 19.0	-0.77 - 3.7	3.5/29.3	66101
2000 XR ₇	2004 09 24.8	00 07.39 +13 17.9 17.7	-0.88 - 3.6	4.0/28.7	66176	2001 XP ₁₂₃	2004 09 25.0	00 08.44 -05 08.4 19.6	-0.93 - 6.2	2.2/23.1	47017
2002 EG ₆₇	2004 09 24.8	00 07.42 +05 13.1 18.8	-0.90 - 4.5	1.5/26.0	30714	2004 PO ₇₅	2004 09 25.0	00 08.45 +15 01.7 17.6	-1.10 + 3.2	6.6/28.6	65970
2002 CY ₂₅₆	2004 09 24.8	00 07.42 -12 16.4 19.1	-0.83 - 4.9	4.7/20.5	50595	1999 VB ₅₄	2004 09 25.0	00 08.45 -10 54.5 18.6	-0.79 - 2.5	3.2/21.4	66099
2002 CU ₁₃	2004 09 24.8	00 07.46 -03 15.7 21.7	-0.90 - 7.5	1.3/23.4	48198	1999 TR ₄₃	2004 09 25.0	00 08.48 +01 51.7 19.8	-0.77 - 5.5	0.3/25.4	31865
2002 EV ₉₉	2004 09 24.8	00 07.46 -07 01.9 20.5	-0.83 - 5.4	2.4/22.2	31474	2003 FX ₁₀₆	2004 09 25.0	00 08.49 +03 33.6 19.0	-0.77 - 9.4	0.9/26.1	47480
2002 EO ₆₂	2004 09 24.8	00 07.46 +06 51.5 18.7	-0.86 - 4.4	2.1/26.8	31978	1999 TS ₁₂₁	2004 09 25.0	00 08.51 +06 39.9 19.8	-0.71 - 6.9	1.7/27.2	47806
2002 AF ₅₃	2004 09 24.8	00 07.59 +03 37.5 18.5	-0.84 - 6.7	1.3/25.8	66260	2000 ST ₃₁₀	2004 09 25.0	00 08.52 +25 58.7 18.3	-0.98 - 2.2	9.6/03.3	66160
2001 AC ₁₈	2004 09 24.8	00 07.60 -13 07.9 19.9	-0.67 - 6.8	3.2/19.6	53670	2002 CN ₁₆₉	2004 09 25.0	00 08.53 -06 07.0 19.8	-0.77 - 3.7	2.1/22.8	48208
2001 BE ₂₉	2004 09 24.8	00 07.61 +15 03.5 19.7	-0.80 - 4.1	4.3/29.6	33893	2000 VX ₃₃	2004 09 25.1	00 08.46 +04 11.6 18.5	-0.82 - 6.2	1.2/26.0	30421
2001 XU ₁₆₉	2004 09 24.8	00 07.62 +03 40.3 18.8	-0.86 - 7.6	1.2/26.0	50580	2001 YP ₆₃	2004 09 25.1	00 08.46 +03 11.7 19.2	-0.92 - 5.9	0.8/25.8	23318
2003 FJ ₉₁	2004 09 24.8	00 07.65 +06 06.6 19.2	-1.02 - 5.2	2.0/26.5	50757	1993 FO ₅₉	2004 09 25.1	00 08.48 -00 29.7 20.3	-0.78 - 6.7	0.5/24.6	47687
1999 VF ₁₁₄	2004 09 24.8	00 07.65 +12 47.2 18.8	-0.83 - 3.2	3.9/28.7	30334	2003 GL ₃₈	2004 09 25.1	00 08.58 -15 58.2 18.8	-0.90 - 3.0	5.7/20.0	66311
2002 EH ₉₆	2004 09 24.8	00 07.72 -02 25.4 19.9	-0.84 - 6.6	1.2/23.8	31981	2000 SR ₁₂	2004 09 25.1	00 08.58 -09 58.2 18.6	-0.88 - 6.8	3.8/21.4	66148
2002 CZ ₉₃	2004 09 24.8	00 07.74 -03 56.9 19.6	-0.82 - 4.7	1.6/23.3	31967	2002 EM ₁₀₂	2004 09 25.1	00 08.60 +26 39.9 20.6	-1.01 - 0.3	7.2/03.3	30060
2001 VH ₅₃	2004 09 24.8	00 07.74 +08 26.1 18.8	-1.08 - 3.5	3.2/27.1	46889	2000 SX ₂₄	2004 09 25.1	00 08.63 +08 09.1 18.0	-0.92 - 3.1	3.0/27.3	66148
2000 YV ₉₇	2004 09 24.8	00 07.75 +22 19.8 19.3	-0.81 - 2.6	5.8/02.2	12264	2000 KM ₄₉	2004 09 25.1	00 08.63 -04 37.3 19.0	-0.95 - 3.9	2.6/23.5	66127

2000 VC ₁₂	2004 09 25.1	00 08.63 -00 51.1 18.9	-0.81 - 6.3	0.6/24.5	66168	2001 XF ₁₃₀	2004 09 25.4	00 09.68 +00 28.2 18.8	-0.81 - 5.9	0.3/25.2	66251
2002 DK ₅	2004 09 25.1	00 08.66 -05 12.8 18.5	-0.76 -10.0	2.0/22.8	66272	2001 CB ₃₉	2004 09 25.4	00 09.68 -21 16.4 20.4	-0.75 - 3.4	5.5/17.7	35010
2002 CF ₂₉₆	2004 09 25.1	00 08.68 -12 21.4 18.7	-0.68 -10.6	4.7/19.9	66272	1999 AV ₂₉	2004 09 25.4	00 09.76 -08 05.8 20.4	-0.94 - 7.2	3.1/22.4	47763
1995 DY ₂	2004 09 25.1	00 08.70 +27 12.6 19.5	-0.96 -14.4	11.4/06.1	47695	2003 FM ₆₁	2004 09 25.4	00 09.79 -10 02.4 18.7	-0.87 - 7.9	4.6/21.6	47434
1999 CR ₁₄₁	2004 09 25.1	00 08.72 +09 19.2 19.9	-1.01 - 4.8	3.1/27.7	50405	2000 YR ₅₂	2004 09 25.4	00 09.80 +01 09.8 19.5	-0.73 - 4.5	0.0/25.5	31374
2002 ER ₆₈	2004 09 25.1	00 08.77 +02 06.0 18.8	-0.81 - 4.8	0.4/25.5	30010	2002 AK ₅₆	2004 09 25.4	00 09.82 +23 45.0 19.8	-0.94 - 3.5	7.5/03.2	29749
2002 CW ₂₃₈	2004 09 25.1	00 08.82 +02 47.4 19.0	-0.73 - 6.0	0.6/26.0	48211	2000 VT ₁₅	2004 09 25.4	00 09.88 +08 18.8 20.5	-0.79 - 7.1	2.1/28.0	31920
2002 CM ₁₅₅	2004 09 25.1	00 08.84 +14 42.5 18.9	-1.06 - 0.9	5.4/29.1	66269	1981 EQ ₁₃	2004 09 25.4	00 09.91 +10 17.7 19.7	-0.92 - 3.1	2.6/28.3	30239
1999 UR ₂	2004 09 25.2	00 08.83 +11 52.9 18.5	-0.73 - 5.6	3.3/29.1	29153	1993 TB ₆	2004 09 25.4	00 09.93 +02 21.2 18.4	-0.78 - 3.6	0.4/25.9	11466
2001 UJ ₁₆₁	2004 09 25.2	00 08.89 -03 21.7 19.0	-0.94 - 7.6	1.8/23.8	30526	1999 XM ₁₃₈	2004 09 25.4	00 09.94 +27 14.0 20.8	-0.70 - 6.8	6.1/05.9	31312
1993 FE ₅₈	2004 09 25.2	00 08.90 +04 31.5 19.7	-0.78 - 6.2	1.3/26.4	50368	2001 YD ₁₃₄	2004 09 25.5	00 10.02 +03 29.9 18.1	-0.97 - 3.1	1.2/26.2	66258
2001 XG ₂₁₅	2004 09 25.2	00 08.91 -04 23.0 19.9	-0.89 - 4.6	1.6/23.5	27791	2002 CP ₁₈₇	2004 09 25.5	00 10.02 +01 29.8 19.5	-0.96 - 5.0	0.2/25.7	30678
2000 YC ₁₃₄	2004 09 25.2	00 08.93 -04 04.0 18.3	-0.76 - 6.9	1.7/23.5	66180	2001 VX ₂₃	2004 09 25.5	00 10.03 +08 34.9 19.4	-0.96 - 6.8	3.0/28.0	30533
2002 AV ₁₀₁	2004 09 25.2	00 08.99 -07 41.4 19.4	-0.86 - 5.3	3.0/22.4	50587	2000 WL ₁₃₂	2004 09 25.5	00 10.04 +21 48.1 18.4	-0.90 - 4.0	6.8/02.5	30430
2001 PO ₂₂	2004 09 25.2	00 09.04 +29 13.2 19.5	-1.49 + 1.9	12.9/02.7	48044	1999 VR ₇₉	2004 09 25.5	00 10.07 +09 45.2 18.9	-0.73 - 5.7	2.7/28.6	30333
1999 VQ ₈₄	2004 09 25.2	00 09.07 +00 29.1 20.8	-0.73 - 4.6	0.1/25.1	26922	1999 WT ₁₄	2004 09 25.5	00 10.10 +17 16.8 19.8	-0.72 - 6.1	4.4/01.4	50440
2001 WH ₂₈	2004 09 25.2	00 09.08 -01 14.2 18.4	-0.90 - 8.7	0.9/24.5	66243	2002 CK ₉₀	2004 09 25.5	00 10.12 -01 17.8 19.3	-0.84 - 4.1	0.8/24.8	30655
2001 YT ₁₅₁	2004 09 25.2	00 09.15 +02 07.5 17.0	-1.02 + 0.3	0.6/25.6	66258	2002 AP ₆₁	2004 09 25.5	00 10.14 -00 48.7 18.8	-0.74 - 6.4	0.6/24.9	30611
2002 EQ ₂₂	2004 09 25.2	00 09.16 -07 46.2 19.8	-0.85 - 4.5	2.8/22.4	48216	1999 FG ₄₀	2004 09 25.5	00 10.16 +05 56.9 20.3	-0.96 - 4.9	1.7/27.1	33805
2003 EA ₄₇	2004 09 25.2	00 09.17 +11 38.0 19.7	-0.88 - 8.2	3.5/29.1	50752	1999 XP ₁₀₅	2004 09 25.5	00 10.16 +07 33.9 18.5	-0.80 - 3.1	2.3/27.6	11710
2001 WU ₉₀	2004 09 25.2	00 09.18 +15 59.4 18.9	-1.01 - 6.0	6.2/30.3	25438	2000 SK ₂₆₈	2004 09 25.5	00 10.19 -04 15.0 19.0	-0.84 - 5.7	2.2/23.8	27721
2001 XN ₂₂₅	2004 09 25.2	00 09.22 +12 21.8 20.1	-0.94 - 6.7	4.2/29.1	26090	2000 QO ₂₁	2004 09 25.5	00 10.22 +01 44.2 19.0	-0.88 - 5.0	11.2/16.0	47911
2000 SS ₁₁₅	2004 09 25.2	00 09.25 -09 57.6 18.1	-1.11 + 0.5	4.4/22.5	66152	2000 JA ₅₃	2004 09 25.5	00 10.26 +07 40.2 19.1	-0.96 - 7.7	2.5/27.8	47894
2001 XX ₁₄₄	2004 09 25.2	00 09.27 -08 40.3 18.7	-1.01 - 1.9	4.4/22.5	48161	2002 CM ₁₆₆	2004 09 25.5	00 10.30 +00 18.5 20.8	-0.88 - 4.4	0.2/25.3	29851
2002 AM ₆₅	2004 09 25.3	00 09.19 -13 57.0 18.9	-0.74 - 9.3	5.1/19.6	50586	1996 PH ₃	2004 09 25.5	00 10.40 +25 10.2 18.8	-1.49 + 1.8	11.8/01.6	66057
2001 VY ₂₈	2004 09 25.3	00 09.22 -09 22.5 19.7	-0.98 - 4.7	3.8/22.1	46874	2001 TB ₁₆₉	2004 09 25.6	00 10.31 +10 28.2 17.6	-1.07 - 3.0	4.2/28.3	48128
2002 CU ₂₁₉	2004 09 25.3	00 09.22 -09 47.2 20.7	-0.67 - 7.4	2.7/21.3	48210	2003 DU ₁₇	2004 09 25.6	00 10.37 -20 36.9 18.3	-0.88 -20.5	9.0/16.0	48329
2000 UL ₄₆	2004 09 25.3	00 09.23 -08 27.8 18.2	-0.90 - 2.8	3.4/22.4	66165	2001 XO ₁₀₆	2004 09 25.6	00 10.37 -05 24.1 18.3	-1.07 - 2.5	2.9/23.8	66250
2000 SL ₄₃	2004 09 25.3	00 09.28 -04 18.9 19.9	-0.82 - 6.6	2.1/23.5	47943	3808 T-3	2004 09 25.6	00 10.39 -15 49.5 19.2	-0.91 - 0.7	4.5/20.6	48393
2003 FU ₅₄	2004 09 25.3	00 09.33 -18 55.5 19.9	-0.93 - 2.9	6.5/19.2	48349	2000 JD ₅₆	2004 09 25.6	00 10.42 +00 33.0 18.7	-0.95 - 8.1	0.2/25.4	66125
2001 YD ₈₇	2004 09 25.3	00 09.33 -02 18.6 19.3	-0.96 - 5.1	1.2/24.3	30598	2002 AO ₂₈	2004 09 25.6	00 10.42 -23 30.4 19.7	-0.85 - 4.8	7.6/16.9	30607
1999 CY ₁₁₂	2004 09 25.3	00 09.36 +01 44.2 21.0	-0.91 - 6.7	0.2/25.6	47769	2000 SG ₃₀₈	2004 09 25.6	00 10.43 +16 06.0 19.4	-0.85 - 6.3	4.9/30.8	47966
2001 FF ₁₀₈	2004 09 25.3	00 09.41 -00 13.0 19.4	-0.79 - 3.5	0.4/25.0	12074	1999 RY ₁₈₃	2004 09 25.6	00 10.44 -04 13.5 18.8	-0.80 - 4.7	1.7/23.9	30312
1999 RV ₂₀₉	2004 09 25.3	00 09.41 +12 48.9 17.8	-0.88 - 2.1	4.2/29.0	66091	2001 UW ₂₆	2004 09 25.6	00 10.46 +00 14.3 19.8	-1.06 - 3.9	0.3/25.4	46788
2003 HN ₃₂	2004 09 25.3	00 09.44 +04 37.8 19.4	-0.73 - 7.0	1.1/26.6	50763	2000 RO ₂	2004 09 25.6	00 10.50 +00 58.9 17.2	-0.88 - 4.2	0.1/25.6	66142
2001 UJ ₂₀₅	2004 09 25.3	00 09.47 +04 01.0 19.2	-1.02 - 5.2	1.2/26.3	46853	2000 JM ₆₀	2004 09 25.6	00 10.56 -05 33.5 19.1	-1.08 - 2.7	2.8/23.8	66125
2001 XB ₂₆	2004 09 25.3	00 09.49 -12 41.1 19.1	-0.97 - 4.3	5.2/21.0	66246	2002 AX ₁₇₇	2004 09 25.6	00 10.64 +08 29.3 20.2	-0.92 - 4.3	2.5/28.0	30626
2000 SE ₇₁	2004 09 25.3	00 09.51 -04 49.1 18.0	-0.88 - 4.8	2.2/23.5	66150	2001 YP ₁₁₇	2004 09 25.6	00 10.70 +01 23.5 19.2	-0.94 - 5.3	8.9/06.0	30600
2000 YH ₁₁₅	2004 09 25.3	00 09.55 -18 51.9 19.4	-0.73 - 5.4	5.7/18.1	48002	2002 CC ₁₄₅	2004 09 25.7	00 10.65 +02 24.6 18.4	-0.80 - 5.3	0.4/26.1	66269
2000 VZ ₄₁	2004 09 25.3	00 09.57 +06 42.6 18.3	-0.87 - 4.5	2.2/27.2	66169	2001 VX ₇₈	2004 09 25.7	00 10.65 +08 18.3 20.0	-0.96 - 7.2	2.7/28.1	48152
2000 TJ ₂₈	2004 09 25.3	00 09.58 +02 31.1 19.2	-0.99 - 2.8	0.6/26.0	46503	2002 CX ₉₃	2004 09 25.7	00 10.74 -10 06.5 19.4	-0.81 - 9.9	4.2/21.5	29807
2000 WN ₁₆₀	2004 09 25.3	00 09.58 -04 41.3 19.1	-0.88 - 3.4	2.1/23.6	33324	1999 TW ₅₅	2004 09 25.7	00 10.76 -01 03.7 19.1	-0.77 - 4.0	0.6/25.0	31866
2000 JZ ₄₉	2004 09 25.3	00 09.59 +10 26.4 18.5	-1.00 - 6.0	4.0/28.5	43367	2000 XL ₃₀	2004 09 25.7	00 10.82 -02 41.8 19.1	-0.91 - 3.2	1.3/24.6	33330
2002 DE ₁₇	2004 09 25.3	00 09.62 -17 33.4 18.9	-1.01 - 3.7	7.2/19.4	33968	2000 RM ₄₀	2004 09 25.7	00 10.83 +15 41.1 17.1	-0.94 - 2.7	6.2/30.3	66144
2003 HX ₂₉	2004 09 25.4	00 09.54 +05 35.5 20.2	-0.87 - 5.9	1.5/26.9	47557	2001 XX ₁₂₃	2004 09 25.7	00 10.84 +01 12.4 19.3	-0.93 - 6.8	9.7/16.0	66250
2002 AX ₁₆₅	2004 09 25.4	00 09.58 -04 29.1 19.8	-0.74 - 6.2	1.6/23.5	30625	2002 EB ₁₀₇	2004 09 25.7	00 10.90 -11 39.1 19.1	-0.81 - 3.0	3.8/21.7	35574
2002 EZ ₈₅	2004 09 25.4	00 09.59 -02 35.7 20.5	-0.79 - 5.5	1.1/24.2	50598	2000 SF ₂₁₈	2004 09 25.7	00 10.95 -28 22.6 19.7	-1.13 + 1.3	10.2/17.3	47959
1999 UU ₄₃	2004 09 25.4	00 09.61 -12 03.7 18.7	-0.83 - 2.5	3.9/21.3	31295	2002 CE ₂₃₇	2004 09 25.7	00 10.99 -02 21.6 18.1	-0.71 - 7.1	1.1/24.5	66271
2000 WF ₁₇₂	2004 09 25.4	00 09.61 +08 55.3 18.3	-0.72 -13.7	2.6/28.6	66174	2002 CJ ₁₁₇	2004 09 25.8	00 11.00 -02 10.1 20.8	-0.85 - 5.4	1.1/24.7	29830
2000 QS ₁₂₃	2004 09 25.4	00 09.63 +05 21.3 17.3	-0.90 - 0.3	2.2/26.6	64771	1999 VG ₉₄	2004 09 25.8	00 11.01 +08 28.1 18.4	-0.70 - 8.1	2.3/28.5	66099
2001 BU ₆₃	2004 09 25.4	00 09.65 +15 40.7 18.1	-0.79 - 1.9	3.9/30.1	66182	2001 VE ₁₀₀	2004 09 25.8	00 11.02 -50 45.6 19.7	-1.60 + 4.4	20.6/06.0	65153

2002 AF ₁₅₃	2004 09 25.8	00 11.06 -05 43.9 19.4 -0.79 - 6.2 2.2/23.4 27813	2000 RG ₈₆	2004 09 26.1	00 12.13 -00 12.9 18.3 -0.84 - 6.7 0.6/25.6 66146
2001 WO ₈₅	2004 09 25.8	00 11.09 +02 19.1 20.1 -0.91 - 6.7 0.4/26.2 33948	2000 QC ₁₉₂	2004 09 26.1	00 12.15 -06 29.1 17.6 -1.09 + 1.4 3.6/24.2 66140
2000 SS ₂₁₉	2004 09 25.8	00 11.09 -09 47.3 18.6 -0.75 - 8.7 4.5/21.7 66157	2000 NO ₂₇	2004 09 26.1	00 12.16 +11 35.8 18.2 -1.04 - 4.5 3.8/29.3 66130
2000 ND ₂₂	2004 09 25.8	00 11.14 -06 23.2 18.4 -0.88 - 6.0 3.4/23.4 66129	1999 TL ₈₅	2004 09 26.1	00 12.19 +10 04.0 19.3 -0.70 - 7.3 2.8/29.3 33099
2002 CB ₂₈₉	2004 09 25.8	00 11.14 -04 00.5 18.3 -0.79 - 5.6 2.1/24.1 66272	1999 VH ₃₂	2004 09 26.1	00 12.23 +16 02.7 18.8 -0.70 - 7.1 4.7/01.7 47819
1999 TB ₂₀₃	2004 09 25.8	00 11.14 +02 06.6 19.1 -0.85 - 2.3 0.3/26.1 29140	2003 FQ ₅₆	2004 09 26.1	00 12.23 +01 01.9 20.3 -0.93 - 8.5 0.1/26.0 62443
1999 WN ₁₀	2004 09 25.8	00 11.14 -10 21.6 19.7 -0.85 - 2.4 3.6/22.3 30337	1996 XP ₁₃	2004 09 26.1	00 12.25 -10 55.1 17.9 -0.97 - 5.1 4.9/22.1 9686
2002 CB ₈	2004 09 25.8	00 11.17 -01 16.1 20.6 -0.87 - 4.8 0.9/25.1 48197	1999 VG ₁₄₂	2004 09 26.1	00 12.25 +01 18.1 19.5 -0.72 - 4.6 0.0/26.1 33839
2002 GY ₃₅	2004 09 25.8	00 11.18 +00 54.5 19.3 -0.77 - 4.3 0.1/25.7 31509	2000 VF ₄₀	2004 09 26.1	00 12.28 +06 44.9 18.9 -0.84 - 5.8 2.2/28.0 47985
2002 CG ₃₅	2004 09 25.8	00 11.18 -12 54.4 18.1 -0.90 - 1.0 4.5/21.8 33961	2002 EL ₁₀₆	2004 09 26.1	00 12.30 -08 44.8 19.2 -0.80 - 2.9 2.8/23.0 66274
2003 FB ₇₈	2004 09 25.8	00 11.20 -02 05.7 21.0 -0.92 - 6.5 1.1/24.8 62444	1999 US ₁₀	2004 09 26.1	00 12.34 -21 18.3 17.6 -1.59 + 3.7 10.5/21.3 66097
2003 FA ₁₁₄	2004 09 25.8	00 11.25 +03 35.2 19.9 -0.98 - 5.3 0.9/26.6 50758	2000 RV ₅₈	2004 09 26.1	00 12.35 +05 26.9 18.8 -0.86 - 5.6 1.6/27.5 27696
1999 XM ₆₂	2004 09 25.8	00 11.29 +00 47.0 18.5 -0.74 - 4.8 0.2/25.7 66102	2003 HR ₈	2004 09 26.1	00 12.35 -22 11.5 19.3 -0.82 - 5.0 7.9/17.9 50762
2002 AU ₁₃₈	2004 09 25.8	00 11.31 -02 56.7 20.9 -0.85 - 5.0 1.3/24.5 30620	2002 CM ₁₀₅	2004 09 26.1	00 12.35 -05 43.0 19.5 -0.77 - 9.1 2.3/23.6 29818
1999 JM ₁₃₂	2004 09 25.9	00 11.36 +13 07.2 19.3 -0.82 -10.2 4.0/30.4 66086	1999 EZ ₇	2004 09 26.1	00 12.36 -00 33.4 19.4 -0.95 - 3.9 0.7/25.6 46355
2000 OF ₃₁	2004 09 25.9	00 11.42 +13 59.0 17.9 -0.81 - 7.3 5.6/30.5 66130	2002 CA ₁₆₈	2004 09 26.1	00 12.39 +04 35.6 18.6 -0.92 - 1.8 1.1/27.1 30674
2000 RP ₄₅	2004 09 25.9	00 11.43 +05 01.1 17.2 -0.98 - 0.9 1.7/27.0 64797	1998 FD ₄₉	2004 09 26.1	00 12.39 +04 06.9 16.9 -1.07 - 0.4 1.1/26.9 66067
2001 XQ ₁₉₂	2004 09 25.9	00 11.45 +00 06.0 18.1 -0.93 - 6.4 0.4/25.6 66252	2000 RU ₄₈	2004 09 26.1	00 12.43 +25 36.2 16.0 -0.66 - 6.1 11.4/06.5 66144
2001 XC ₂₄₃	2004 09 25.9	00 11.51 -00 45.8 19.8 -0.92 - 6.5 0.7/25.3 66254	2000 JZ ₃	2004 09 26.1	00 12.43 -16 58.0 19.1 -1.00 - 3.2 8.3/20.6 62298
2000 WU ₁₈₂	2004 09 25.9	00 11.52 -26 22.7 17.8 -0.78 - 5.3 11.8/14.9 66175	2000 YB ₁₄₃	2004 09 26.2	00 12.44 +07 58.6 18.7 -0.91 - 3.0 2.3/28.2 38288
2000 SN ₃₉	2004 09 25.9	00 11.52 -10 33.4 17.1 -0.88 - 4.0 5.0/22.1 66149	2002 FS ₃₄	2004 09 26.2	00 12.48 +01 40.8 18.3 -0.74 - 6.4 0.1/26.3 31495
2000 TD ₄₇	2004 09 25.9	00 11.53 -06 52.0 19.1 -0.89 - 5.1 3.2/23.3 33280	1994 CC ₂	2004 09 26.2	00 12.51 -10 42.0 20.0 -0.77 - 8.0 3.2/21.9 50370
2000 WN ₁₅₄	2004 09 25.9	00 11.60 +10 11.6 18.1 -0.94 - 3.3 3.9/28.6 8558	2000 RE ₃₅	2004 09 26.2	00 12.55 +07 33.6 17.5 -0.71 -12.3 2.5/28.7 29283
1999 RK ₅₈	2004 09 25.9	00 11.63 +09 27.4 17.0 -0.89 - 3.2 2.8/28.5 66089	2000 LF ₇	2004 09 26.2	00 12.56 -09 33.8 19.3 -0.71 - 9.0 5.4/22.1 64738
2000 UT ₈₄	2004 09 25.9	00 11.64 -04 24.2 19.1 -0.83 - 5.9 2.3/24.1 47981	2002 CF ₃₀₃	2004 09 26.2	00 12.56 +07 36.2 20.3 -0.96 - 3.0 2.4/28.1 29917
2002 EK ₁₁₉	2004 09 25.9	00 11.66 +08 34.7 19.5 -0.88 - 3.5 2.5/28.3 33538	2001 BH ₄₄	2004 09 26.2	00 12.57 +04 06.3 19.7 -0.71 - 6.0 0.7/27.2 50519
2002 AB ₉₈	2004 09 25.9	00 11.67 +00 36.6 20.2 -0.96 - 5.4 10.0/06.0 27807	2001 YJ ₂₅	2004 09 26.2	00 12.57 +08 08.4 19.4 -0.96 - 5.3 2.4/28.4 48176
1999 XU ₁₇₀	2004 09 25.9	00 11.67 -23 39.2 18.4 -0.83 - 3.2 8.6/16.9 64699	2002 ER ₃₄	2004 09 26.2	00 12.58 -05 33.4 20.5 -0.79 - 5.9 2.2/23.9 48217
2000 WS ₂₀	2004 09 25.9	00 11.73 +04 19.0 19.0 -0.77 - 7.5 1.1/27.1 35536	2001 UY ₉₁	2004 09 26.2	00 12.58 -08 58.5 19.9 -0.96 - 6.4 3.6/22.9 46808
2000 SV ₂₉₄	2004 09 25.9	00 11.76 +04 02.5 17.8 -1.02 - 0.9 1.0/26.7 66159	2003 HY ₁₄	2004 09 26.2	00 12.68 -08 02.3 21.6 -0.99 - 4.8 3.2/23.4 48372
2000 ST ₃₉	2004 09 26.0	00 11.71 -08 33.8 19.0 -0.84 - 5.5 4.0/22.7 47943	1999 TF ₂₃₃	2004 09 26.2	00 12.69 +25 56.6 17.9 -0.88 - 4.0 8.3/05.2 66096
2001 YD ₈	2004 09 26.0	00 11.72 +08 20.7 20.1 -0.98 - 5.0 2.6/28.2 50582	2000 VB ₃₃	2004 09 26.2	00 12.71 +18 27.7 18.9 -0.85 - 8.1 6.1/02.3 9862
1999 TZ ₁₃₄	2004 09 26.0	00 11.73 +05 48.4 18.9 -0.71 - 7.7 1.4/27.7 29130	2001 VT ₃₀	2004 09 26.2	00 12.82 -07 41.5 18.5 -1.03 - 2.7 4.3/23.6 66237
2003 HC ₅₁	2004 09 26.0	00 11.74 -05 55.6 18.6 -0.81 - 7.2 2.2/23.5 50764	1997 TL ₂₆	2004 09 26.2	00 12.84 -05 02.9 19.2 -1.03 - 2.7 2.7/24.4 47716
1999 VX ₁₄₇	2004 09 26.0	00 11.74 +03 49.2 19.3 -0.78 - 4.1 0.8/26.8 47824	2000 AS ₆	2004 09 26.2	00 12.85 +18 05.4 18.5 -0.80 - 3.2 5.4/01.8 26926
2000 WZ ₁₁₆	2004 09 26.0	00 11.77 +24 45.2 19.6 -0.87 - 2.0 10.6/03.6 8552	2001 TM ₁₈₈	2004 09 26.3	00 12.80 +00 49.7 18.8 -1.02 - 4.6 0.2/26.1 48129
4133 P-L	2004 09 26.0	00 11.79 +03 57.5 18.8 -1.03 - 2.2 1.2/26.8 48386	1998 BS ₂₂	2004 09 26.3	00 12.87 -06 28.6 21.1 -0.85 - 6.3 2.7/23.7 66065
2000 RY ₈₅	2004 09 26.0	00 11.80 -02 39.2 18.5 -0.94 - 3.0 1.4/24.9 30384	2001 UC ₁₆₀	2004 09 26.3	00 12.87 -04 57.1 18.5 -0.96 - 5.6 2.5/24.3 66234
2000 QP ₂₂₁	2004 09 26.0	00 11.81 +01 34.9 17.8 -1.06 - 1.9 0.1/26.1 66141	2002 GJ ₈₃	2004 09 26.3	00 12.90 -09 31.9 18.4 -0.90 - 6.0 3.8/22.6 35183
2001 XG ₉₀	2004 09 26.0	00 11.83 -11 27.0 20.1 -1.02 - 3.6 5.1/22.2 47002	2000 SB ₂₂₉	2004 09 26.3	00 12.91 -00 33.3 18.3 -0.90 - 3.6 0.8/25.7 66157
1997 CS ₁₂	2004 09 26.0	00 11.83 -05 17.4 20.2 -0.78 - 6.5 2.1/23.8 9054	2000 TE ₁	2004 09 26.3	00 13.05 -25 07.6 21.5 -1.15 0.0 7.1/18.7 47970
1981 EO ₄₃	2004 09 26.0	00 11.88 +02 41.7 19.6 -0.78 - 4.0 0.4/26.5 62209	2001 XN ₁₉₈	2004 09 26.3	00 13.05 +07 53.2 18.9 -0.90 - 6.6 2.5/28.5 48171
2001 XL ₂₃₇	2004 09 26.0	00 11.90 +09 56.9 19.4 -0.98 - 4.9 3.8/28.8 48173	1999 RK ₁₇₆	2004 09 26.3	00 13.06 +05 52.5 18.6 -0.81 - 4.0 1.7/27.8 11551
1999 TM ₁₇	2004 09 26.0	00 11.95 -17 52.3 17.7 -0.77 - 4.3 5.6/19.4 66092	1999 YU ₆	2004 09 26.3	00 13.09 +42 06.1 17.9 -1.43 + 1.1 19.4/11.5 66104
2002 ER ₈₆	2004 09 26.0	00 12.00 -05 39.9 18.9 -0.78 - 2.5 1.8/23.9 30717	2000 WS ₃₄	2004 09 26.3	00 13.10 -07 09.1 18.0 -0.79 - 6.5 3.1/23.4 66170
2000 YB ₁₈	2004 09 26.0	00 12.00 -24 37.9 18.3 -0.85 - 5.1 9.7/16.3 9896	2000 UA ₈₈	2004 09 26.3	00 13.20 -04 21.3 18.7 -0.85 - 5.1 2.3/24.5 29482
1999 XS ₁₁₃	2004 09 26.0	00 12.02 -00 35.5 17.7 -0.86 - 1.6 0.5/25.5 66102	2002 EZ ₆₉	2004 09 26.4	00 13.16 +02 32.4 19.6 -0.74 - 5.6 0.3/26.8 31979
1998 FZ ₁₂₀	2004 09 26.0	00 12.03 -00 38.6 20.3 -0.95 - 2.4 0.6/25.5 47727	2000 KQ ₄₃	2004 09 26.4	00 13.19 -08 28.9 18.6 -0.89 - 3.4 5.1/23.3 66127
2002 EN ₃₅	2004 09 26.0	00 12.05 +04 05.7 20.4 -0.76 - 4.9 0.8/27.0 50597	2002 AY ₁₂₃	2004 09 26.4	00 13.21 -09 58.8 19.9 -0.85 - 6.3 3.8/22.5 30618
6865 P-L	2004 09 26.0	00 12.14 -00 03.6 19.0 -1.18 + 2.6 0.6/25.8 48388	2001 WX ₈₇	2004 09 26.4	00 13.22 +01 38.4 20.7 -0.97 - 4.8 0.1/26.5 50576
2001 XN ₂₇	2004 09 26.0	00 12.14 +02 03.2 16.2 -1.10 - 0.3 0.4/26.3 66246	2001 FC ₁₂₄	2004 09 26.4	00 13.23 +07 27.3 18.2 -0.97 - 0.1 2.1/28.0 13340

2001 XW ₂₂	2004 09 26.4	00 13.25 +11 46.6 18.9	-0.98 - 4.1	3.8/29.6	48160	2002 EU ₉₀	2004 09 26.7	00 14.54 -01 20.9 19.7	-0.71 - 6.2	0.9/25.7	50598
1999 XL ₁₀₉	2004 09 26.4	00 13.26 -14 04.5 18.1	-0.82 - 4.0	5.1/21.2	66102	2000 WL ₂₅	2004 09 26.7	00 14.57 +08 53.3 19.0	-0.82 - 6.0	2.6/29.3	47987
2000 QN ₇₄	2004 09 26.4	00 13.39 -04 00.9 18.2	-0.68 -12.4	2.3/24.3	66135	2000 NS ₁₂	2004 09 26.7	00 14.63 -07 33.2 18.5	-0.74 -12.8	4.0/23.2	64742
2002 CA ₁₁₅	2004 09 26.4	00 13.51 -19 45.0 19.5	-0.68 - 8.0	5.2/18.3	30661	2002 EF ₅₉	2004 09 26.8	00 14.57 +03 20.0 20.3	-0.79 - 5.8	0.6/27.4	48219
2000 WL ₇₇	2004 09 26.4	00 13.51 -03 51.4 18.6	-0.88 - 3.2	1.7/24.9	31924	2002 CX ₁₀₄	2004 09 26.8	00 14.58 -03 48.2 19.4	-0.79 - 5.1	1.7/25.0	48204
2000 ST ₁₃₀	2004 09 26.5	00 13.53 +26 10.7 19.3	-1.00 - 4.2	8.8/05.2	27072	2000 KW ₁₃	2004 09 26.8	00 14.60 -08 05.4 18.4	-0.92 - 3.3	4.7/23.9	66126
1999 CY ₁₁₃	2004 09 26.5	00 13.55 +10 28.4 17.6	-0.80 - 9.4	4.0/29.9	66082	2000 UQ ₂₀	2004 09 26.8	00 14.63 +08 19.3 18.7	-0.77 -10.0	2.3/29.3	31918
2000 VY ₅₂	2004 09 26.5	00 13.60 +08 05.9 17.7	-0.90 - 3.6	2.6/28.6	30422	2001 XL ₉₃	2004 09 26.8	00 14.64 +02 07.3 20.3	-0.94 - 5.4	0.2/27.0	48165
2002 CO ₁₃	2004 09 26.5	00 13.65 -08 22.5 20.0	-0.78 - 7.4	3.2/23.0	30637	2000 UF ₇₉	2004 09 26.8	00 14.64 -04 11.8 18.2	-0.85 - 4.2	2.3/25.0	66166
2002 EM ₁₂	2004 09 26.5	00 13.67 +02 52.2 19.5	-0.67 - 7.0	0.4/27.0	30703	2001 WZ ₁₈	2004 09 26.8	00 14.65 -05 21.6 20.1	-1.04 - 4.2	3.0/24.7	62382
2000 VQ ₃₀	2004 09 26.5	00 13.68 -15 01.0 18.7	-0.86 - 3.8	6.5/21.1	66168	1999 VT ₃₃	2004 09 26.8	00 14.66 +09 05.6 19.1	-0.72 - 5.9	2.3/29.5	34802
2002 AE ₁₅	2004 09 26.5	00 13.68 -03 14.6 18.4	-1.16 - 0.6	1.9/25.3	30605	2002 CX ₃₉	2004 09 26.8	00 14.72 +00 40.4 18.9	-0.67 - 8.5	0.2/26.5	50590
2001 XD ₈₈	2004 09 26.5	00 13.70 +02 57.9 19.2	-0.97 - 5.3	0.6/27.0	30572	2002 BX ₂₄	2004 09 26.8	00 14.76 -06 42.5 19.9	-0.95 - 2.7	2.7/24.4	30634
2000 WV ₁₁₃	2004 09 26.5	00 13.71 -02 02.7 19.2	-0.85 - 3.3	1.1/25.5	47991	2000 UA ₁₅	2004 09 26.8	00 14.79 +18 49.5 17.9	-0.84 - 6.6	6.2/02.9	10993
2000 YQ ₁₇	2004 09 26.5	00 13.72 +08 59.9 18.6	-0.83 - 4.5	2.6/29.0	30439	2000 WO ₄₂	2004 09 26.8	00 14.82 +09 14.4 19.7	-0.77 - 7.3	3.1/29.6	9871
2002 EA ₄₃	2004 09 26.5	00 13.81 +06 14.1 19.3	-0.83 - 4.6	1.6/28.1	48218	1999 RW ₁₄₈	2004 09 26.8	00 14.86 +06 34.2 18.2	-0.86 - 3.7	1.8/28.4	66090
2000 TZ ₆₆	2004 09 26.5	00 13.82 -06 01.6 19.9	-0.90 - 4.7	2.6/24.2	29436	1999 WZ ₁₇	2004 09 26.8	00 14.91 +29 25.2 20.1	-0.72 -10.8	8.7/09.3	49753
2004 NU ₆	2004 09 26.5	00 13.90 -10 20.3 17.1	-0.87 - 5.3	5.4/22.7	65888	1999 VS ₁₀₇	2004 09 26.8	00 14.92 -01 49.6 20.8	-0.74 - 4.7	1.0/25.7	33839
2002 CM ₈₁	2004 09 26.5	00 13.90 -00 51.8 19.4	-0.91 - 4.5	0.9/25.9	30653	2002 CQ ₁₄₁	2004 09 26.8	00 14.93 +14 16.6 19.9	-0.84 - 4.4	3.8/01.1	50592
2002 EM ₁₃₈	2004 09 26.5	00 13.92 -02 00.9 20.3	-0.83 - 7.8	1.3/25.4	30079	1999 JT ₆₇	2004 09 26.9	00 14.97 -05 57.7 20.4	-0.91 - 5.4	2.4/24.5	47780
2000 SL ₃₂₈	2004 09 26.5	00 13.93 -03 31.1 19.7	-0.95 - 4.0	1.8/25.1	47968	2001 XO ₂₂₂	2004 09 26.9	00 14.99 -14 22.0 19.4	-1.01 - 1.8	7.6/22.3	30586
1996 KM ₁	2004 09 26.5	00 13.94 +17 55.9 19.1	-0.88 -13.2	5.3/03.1	50375	2003 FE ₁₁₆	2004 09 26.9	00 14.99 +00 50.8 19.6	-1.02 - 3.5	0.3/26.7	50758
2000 QF ₁₂₆	2004 09 26.6	00 13.86 +08 11.0 19.0	-0.86 - 8.4	2.5/29.0	50483	2000 SN ₁₆₂	2004 09 26.9	00 15.00 -08 50.2 17.8	-0.89 - 3.0	4.6/23.7	66154
2003 GF ₂₇	2004 09 26.6	00 13.88 +02 50.1 20.1	-0.90 - 6.5	0.5/27.0	47524	1999 VA ₁₅₅	2004 09 26.9	00 15.02 +03 38.8 18.5	-0.76 - 5.7	0.8/27.6	1536
2000 SE ₂₀₉	2004 09 26.6	00 13.93 -12 21.1 18.3	-0.90 - 4.7	4.7/22.1	66156	1999 VZ ₅₉	2004 09 26.9	00 15.04 +02 15.4 19.1	-0.75 - 4.8	0.2/27.1	13622
2000 WV ₃₅	2004 09 26.6	00 13.96 -24 33.2 18.4	-0.86 - 4.2	9.1/17.1	66170	2000 NO ₂₉	2004 09 26.9	00 15.07 -02 23.4 19.0	-0.90 - 6.8	1.6/25.6	46413
2000 JM ₃	2004 09 26.6	00 13.99 -64 24.9 19.5	-1.91 + 5.0	22.2/11.0	49800	1999 VR ₈₃	2004 09 26.9	00 15.13 +11 21.9 18.8	-0.72 - 7.2	3.0/30.5	66099
2001 VG ₁₀₉	2004 09 26.6	00 14.05 -03 07.8 19.3	-1.02 - 3.8	2.0/25.3	46913	2000 QR ₂₂₂	2004 09 26.9	00 15.20 -05 13.8 18.4	-1.11 - 0.6	2.9/25.2	64785
1999 FS ₆₂	2004 09 26.6	00 14.05 +00 22.8 19.9	-0.91 - 5.6	0.4/26.3	50406	1999 VU ₆₄	2004 09 26.9	00 15.20 -01 51.3 19.1	-0.77 - 4.4	1.1/25.8	35487
2000 RS ₆₈	2004 09 26.6	00 14.06 -21 09.6 17.5	-1.09 + 0.7	8.1/20.4	66145	1999 VA ₃₉	2004 09 26.9	00 15.26 +21 50.6 19.0	-0.71 - 6.4	5.6/04.7	66099
2002 GM ₁₅₂	2004 09 26.6	00 14.09 -08 42.6 18.0	-0.73 - 8.6	3.5/22.8	66277	1999 XE ₁₀₇	2004 09 26.9	00 15.27 -13 34.1 18.9	-0.81 - 2.2	4.4/22.2	66102
2002 EJ ₆₇	2004 09 26.6	00 14.17 +05 17.0 19.9	-0.72 - 4.9	1.0/28.0	30714	2000 UO ₅₃	2004 09 26.9	00 15.34 -16 07.6 18.9	-0.87 - 3.5	5.1/21.2	31919
2000 WM ₁₄₇	2004 09 26.6	00 14.21 -19 05.2 18.2	-0.79 - 4.0	5.5/19.6	31923	2002 AA ₁₂₁	2004 09 26.9	00 15.37 -11 32.5 19.3	-0.86 - 6.0	4.4/22.5	30618
1998 FN ₂₉	2004 09 26.7	00 14.23 +01 25.1 19.8	-0.82 - 7.8	0.0/26.7	47725	2002 AN ₂₃	2004 09 26.9	00 15.38 +06 09.0 18.0	-0.96 - 2.8	2.1/28.3	29747
2000 XZ ₂₀	2004 09 26.7	00 14.25 -01 04.1 18.8	-0.92 - 2.3	0.9/25.9	30436	2000 VG ₅₄	2004 09 27.0	00 15.30 +12 58.9 18.4	-0.88 - 4.6	4.9/30.6	8534
2000 WJ ₂	2004 09 26.7	00 14.25 +10 23.9 17.6	-1.70 +11.0	4.2/27.7	9866	2001 XY ₁₀₂	2004 09 27.0	00 15.30 -20 36.1 18.3	-0.79 - 1.6	11.9/19.6	66250
2003 FA ₈₉	2004 09 26.7	00 14.26 +05 33.8 20.2	-0.93 - 6.8	1.4/28.0	47462	2002 CJ ₉₇	2004 09 27.0	00 15.32 -13 56.8 19.7	-0.80 - 9.2	5.4/21.1	30658
1999 TU ₂₁₄	2004 09 26.7	00 14.28 +02 51.8 19.0	-0.69 - 7.9	0.4/27.2	30325	2001 TR ₃₇	2004 09 27.0	00 15.33 +02 27.7 19.0	-1.01 - 4.4	0.3/27.2	48116
2004 PC ₂₇	2004 09 26.7	00 14.28 +07 32.6 18.3	-1.03 - 2.7	2.8/28.5	65949	2000 TP ₆₁	2004 09 27.0	00 15.33 -20 47.3 19.3	-0.92 - 3.8	7.5/19.4	34968
2001 WG ₆	2004 09 26.7	00 14.39 -09 20.4 20.1	-1.00 - 4.6	3.9/23.4	50575	1999 KV ₇	2004 09 27.0	00 15.34 -05 44.6 19.0	-0.98 - 4.2	2.6/24.8	35472
2002 CF ₃₁	2004 09 26.7	00 14.41 -01 22.6 20.3	-0.91 - 4.2	0.9/25.8	30641	2001 VZ ₁₂₀	2004 09 27.0	00 15.35 -12 12.5 17.5	-0.98 - 1.9	6.6/22.9	66242
1999 TB ₂₈₅	2004 09 26.7	00 14.45 -18 34.4 19.6	-0.87 - 1.9	6.0/20.3	30327	1999 UO ₄₄	2004 09 27.0	00 15.36 -12 38.5 18.9	-0.82 - 3.2	4.2/22.4	66098
2000 SJ ₁₄₂	2004 09 26.7	00 14.46 +10 09.4 18.0	-0.75 - 9.4	3.5/30.0	47953	2000 SR ₆₃	2004 09 27.0	00 15.43 +03 01.3 18.9	-0.83 - 6.6	0.5/27.5	47945
2000 SL ₁₂₈	2004 09 26.7	00 14.47 -01 36.0 18.3	-0.78 - 8.2	1.3/25.6	66153	1999 XJ ₁₈₅	2004 09 27.0	00 15.43 -14 25.3 18.5	-0.90 - 0.5	5.0/22.3	66103
1981 EL ₂₂	2004 09 26.7	00 14.47 +03 33.6 21.5	-0.98 - 4.5	0.7/27.4	<i>26919</i>	2000 JM ₄₈	2004 09 27.0	00 15.45 +08 26.2 20.1	-1.03 - 5.6	2.7/29.2	50476
2001 XK ₁₈₀	2004 09 26.7	00 14.47 -02 59.7 19.6	-0.90 - 7.6	1.8/25.2	27332	2000 YO ₇₄	2004 09 27.0	00 15.49 -12 28.7 18.6	-0.80 - 6.3	4.6/22.0	66180
2002 AQ ₆₅	2004 09 26.7	00 14.47 +28 12.4 17.3	-1.13 + 0.6	9.1/04.5	66261	2000 XE ₃₃	2004 09 27.0	00 15.50 +21 15.3 19.0	-0.80 - 2.9	4.8/03.7	50510
2001 HJ ₂₀	2004 09 26.7	00 14.49 +04 41.7 17.3	-0.77 -27.4	1.4/28.1	15097	2001 TV ₁₈₉	2004 09 27.0	00 15.54 +11 24.2 19.1	-0.97 - 6.8	3.6/30.3	46764
2002 AM ₃₄	2004 09 26.7	00 14.51 +08 48.9 19.5	-1.00 - 3.7	2.9/28.9	30608	2000 OX ₃₄	2004 09 27.0	00 15.55 +01 15.6 18.1	-0.71 - 9.3	0.2/26.9	46416
2002 CT ₁₃₄	2004 09 26.7	00 14.51 -00 13.9 21.1	-0.82 - 7.0	0.5/26.1	48206	2002 AH ₉	2004 09 27.0	00 15.57 +05 44.4 18.5	-0.81 - 6.0	1.5/28.4	30604
1998 DF ₂₄	2004 09 26.7	00 14.53 -00 41.6 20.4	-0.86 - 4.3	0.7/26.1	47723	1073 T-1	2004 09 27.0	00 15.61 +03 40.9 20.0	-1.00 - 4.9	0.8/27.7	48388

2000 JR ₃₆	2004 09 27.0	00 15.62 -05 51.0 20.4 -1.06 - 3.9 2.9/24.9 47893	2002 AQ ₁₈₉	2004 09 27.3	00 16.77 +11 46.4 17.3 -0.79 -11.8 4.1/31.0 30628
2001 XC ₁₅₈	2004 09 27.0	00 15.65 -11 40.3 19.7 -0.91 - 6.2 5.0/22.6 56320	2000 RP ₆₅	2004 09 27.4	00 16.74 -01 26.5 17.7 -0.76 -11.1 1.2/26.2 66145
2001 VX ₄₈	2004 09 27.1	00 15.68 -07 04.4 17.7 -0.91 - 6.6 3.9/24.2 66238	2001 VM ₄	2004 09 27.4	00 16.77 +07 33.5 17.3 -0.78 - 7.1 3.0/29.4 65130
2000 SD ₁₆₆	2004 09 27.1	00 15.76 +10 34.9 19.0 -1.01 - 2.4 3.4/29.7 47955	2000 VR ₅	2004 09 27.4	00 16.78 -08 29.0 18.9 -0.90 - 2.6 3.0/24.3 30419
1996 TS ₃₅	2004 09 27.1	00 15.77 -06 28.9 19.8 -0.88 - 5.8 2.9/24.5 47705	2002 EP ₈₃	2004 09 27.4	00 16.82 -01 42.8 18.1 -0.86 - 3.4 1.3/26.3 66274
1998 HY ₃₄	2004 09 27.1	00 15.79 -14 19.8 19.2 -0.90 - 2.4 5.0/22.3 66068	2002 AW ₂₃	2004 09 27.4	00 16.83 +01 56.0 20.7 -0.90 - 6.6 0.0/27.5 27801
1999 TG ₁₆₁	2004 09 27.1	00 15.80 +09 21.7 18.6 -0.70 - 8.9 2.4/30.0 60547	2002 AU ₁₈	2004 09 27.4	00 16.87 +07 56.8 17.5 -1.03 - 2.4 2.8/29.2 65272
2001 UW ₁₁₂	2004 09 27.1	00 15.80 +08 47.2 18.3 -0.98 - 6.3 3.0/29.4 66232	1995 FQ ₆	2004 09 27.4	00 16.88 -03 32.9 17.6 -0.90 - 6.8 2.4/25.6 66054
2001 XY ₁₉₇	2004 09 27.1	00 15.89 +12 58.1 17.3 -0.96 - 3.9 5.3/30.6 30584	1981 EN ₁₁	2004 09 27.4	00 16.90 +07 34.1 19.8 -1.16 - 3.9 2.4/29.0 30239
1994 SE ₅	2004 09 27.1	00 15.90 +00 18.8 20.9 -0.78 - 4.5 0.4/26.7 47693	2003 HF ₃₇	2004 09 27.4	00 16.90 +04 58.3 19.8 -0.98 - 4.6 1.1/28.4 50195
1999 VV ₁₈₅	2004 09 27.1	00 15.98 -00 17.3 18.3 -0.72 - 5.6 0.8/26.5 66100	2003 FL ₆	2004 09 27.4	00 16.91 -22 39.3 20.2 -0.81 -10.4 7.5/18.0 48342
2004 PJ ₁₀₁	2004 09 27.1	00 15.99 +11 17.3 17.9 -1.06 + 0.3 4.0/29.7 65978	2002 AB ₃₂	2004 09 27.4	00 16.93 +02 21.1 18.9 -0.90 - 6.7 0.2/27.6 30607
2003 ET ₂₄	2004 09 27.1	00 16.01 -01 48.5 18.3 -1.06 - 2.6 1.4/26.2 66306	2002 AC ₁₀₆	2004 09 27.4	00 16.97 -04 25.2 19.9 -0.85 - 5.5 2.0/25.4 33524
2003 EJ ₄₆	2004 09 27.1	00 16.02 +03 26.3 20.8 -1.08 - 3.7 0.6/27.7 47374	2000 PE ₁₇	2004 09 27.4	00 16.98 -08 19.1 19.3 -0.84 - 7.6 4.1/23.9 66132
2002 EL ₈₂	2004 09 27.2	00 16.02 +02 47.7 20.0 -0.77 - 5.2 0.3/27.6 35171	1996 TT ₁	2004 09 27.4	00 16.99 -02 25.5 18.8 -0.92 - 4.2 1.4/26.1 47704
1997 EJ ₂₁	2004 09 27.2	00 16.02 +00 45.2 18.3 -0.76 - 6.8 0.4/26.9 30254	2002 GC ₁₀₁	2004 09 27.4	00 17.01 -00 39.9 21.4 -0.73 - 3.5 0.6/26.6 38335
1998 HV ₁₂₇	2004 09 27.2	00 16.04 -02 27.1 20.7 -0.95 - 2.4 1.3/26.0 47731	2000 KV ₂₅	2004 09 27.4	00 17.04 -08 25.1 18.2 -1.01 - 4.0 4.3/24.4 66127
2002 GL ₄₆	2004 09 27.2	00 16.05 -17 00.3 19.1 -0.99 + 0.7 5.2/22.1 31995	2003 FK ₁₁₉	2004 09 27.4	00 17.07 -08 35.8 19.0 -0.90 - 2.7 3.6/24.4 66310
2002 GE ₁₉	2004 09 27.2	00 16.07 -06 39.5 20.4 -0.81 - 2.3 2.3/24.6 48227	2003 GH ₃₆	2004 09 27.4	00 17.09 -18 02.8 19.5 -0.87 - 5.7 6.4/20.8 50760
2001 XN ₅₆	2004 09 27.2	00 16.11 -14 24.5 18.1 -0.91 - 4.3 7.6/22.0 23956	2003 JX ₃	2004 09 27.4	00 17.14 +11 39.3 18.6 -1.01 - 2.1 3.5/30.4 65496
2001 XQ ₇₇	2004 09 27.2	00 16.16 -04 27.0 19.7 -0.94 - 6.7 2.5/25.2 48164	1999 VS ₆₈	2004 09 27.5	00 17.12 -19 33.7 19.1 -0.85 - 1.4 6.6/20.7 66099
2002 AB ₁₇₉	2004 09 27.2	00 16.17 -03 06.4 19.4 -0.81 - 5.8 1.6/25.6 48193	1995 ST ₄₂	2004 09 27.5	00 17.15 -02 19.0 19.4 -0.84 - 4.4 1.5/26.2 47698
2001 XS ₉	2004 09 27.2	00 16.17 -08 01.7 18.3 -1.03 - 0.9 4.7/24.6 66245	2001 YR ₈₂	2004 09 27.5	00 17.22 -01 57.0 19.3 -0.97 - 5.3 1.4/26.3 48179
2001 XL ₂₃₃	2004 09 27.2	00 16.19 +11 38.2 17.9 -0.95 - 6.7 4.0/01.0 48173	2001 YY ₆₇	2004 09 27.5	00 17.22 +21 57.5 18.3 -0.94 - 4.8 6.5/04.4 35137
2003 ET ₂₀	2004 09 27.2	00 16.23 +00 07.4 19.0 -0.96 - 4.6 0.7/26.7 66306	2001 XW ₂₈	2004 09 27.5	00 17.24 +11 33.5 18.7 -0.93 - 7.6 3.9/30.8 26067
2001 YF ₁₁₄	2004 09 27.2	00 16.24 +27 18.9 17.7 -0.84 - 5.5 11.7/07.0 65262	2000 SF ₁₅₃	2004 09 27.5	00 17.24 +02 51.2 18.1 -0.82 - 6.7 0.4/27.9 47954
2000 OO ₅₅	2004 09 27.2	00 16.24 -03 42.9 20.1 -0.91 - 7.3 1.9/25.4 47907	2000 XY ₃	2004 09 27.5	00 17.25 +04 07.8 19.2 -0.94 - 2.4 0.8/28.2 29602
2000 RJ ₇₃	2004 09 27.2	00 16.30 -03 39.9 18.2 -0.86 - 4.6 2.4/25.5 47936	2002 EA ₂	2004 09 27.5	00 17.26 -00 38.2 19.8 -0.87 - 5.1 0.9/26.7 31467
2001 TM ₁₇₄	2004 09 27.2	00 16.30 +00 55.6 19.7 -0.94 - 7.9 0.3/27.0 48128	2003 ET ₃₀	2004 09 27.5	00 17.26 +02 08.6 20.2 -1.05 - 5.0 0.1/27.6 47355
2003 FW ₆₉	2004 09 27.2	00 16.31 -09 04.9 17.5 -0.80 - 8.3 4.8/23.4 65478	2002 EJ ₇₄	2004 09 27.5	00 17.27 +04 24.9 19.0 -0.67 - 8.8 0.7/28.5 31472
2002 AR ₅₉	2004 09 27.2	00 16.41 +08 54.7 19.1 -0.87 - 5.1 2.4/29.6 48187	1999 CA ₁₃₈	2004 09 27.5	00 17.28 +04 37.4 18.7 -0.95 - 5.2 1.2/28.4 66082
1999 VW ₉₂	2004 09 27.2	00 16.44 -03 04.0 18.1 -0.88 - 2.0 1.6/25.9 66099	2003 FA ₁₀₉	2004 09 27.5	00 17.29 +11 23.5 20.2 -0.93 - 6.9 3.3/01.0 50758
2000 WM ₁₅₄	2004 09 27.2	00 16.44 +28 46.4 19.5 -0.88 - 5.6 9.5/07.1 18304	2003 FL ₇₃	2004 09 27.5	00 17.30 -14 59.2 20.0 -0.93 - 3.5 5.8/22.4 47443
2002 JL ₁₀₉	2004 09 27.3	00 16.41 -01 43.6 20.6 -0.75 - 3.8 0.9/26.2 33574	2000 SM ₂₉₃	2004 09 27.5	00 17.31 +17 49.7 17.7 -0.93 - 3.8 6.5/02.9 66159
2001 DB ₅₂	2004 09 27.3	00 16.43 -30 24.8 19.7 -0.72 - 7.0 8.2/13.9 12300	1999 VF ₁₂₂	2004 09 27.5	00 17.33 -04 34.2 20.6 -0.76 - 4.6 2.1/25.4 47823
2002 CC ₉₈	2004 09 27.3	00 16.43 -09 22.1 18.2 -0.72 - 8.9 3.9/23.1 66268	2002 CU ₁₄₂	2004 09 27.5	00 17.36 +03 59.3 20.3 -0.85 - 5.7 0.7/28.3 30668
2000 OO ₄₅	2004 09 27.3	00 16.45 +04 08.2 17.4 -0.83 - 8.5 1.0/28.1 47906	2003 HJ ₂₇	2004 09 27.5	00 17.40 -05 30.3 20.9 -0.89 - 4.7 2.4/25.2 50763
2003 GJ ₃₆	2004 09 27.3	00 16.45 -15 14.8 20.1 -1.01 - 4.0 6.1/22.1 48366	1998 QE ₈₄	2004 09 27.5	00 17.41 +24 41.5 18.1 -0.81 - 3.0 6.7/05.5 50389
2000 QP ₁₃₃	2004 09 27.3	00 16.49 -03 00.1 17.8 -0.83 - 4.6 2.3/25.8 30371	2002 FJ ₁₅	2004 09 27.5	00 17.42 -11 18.3 19.9 -0.73 - 4.3 3.6/23.1 31484
1981 EF ₆	2004 09 27.3	00 16.52 +15 53.2 18.9 -0.83 - 3.5 4.4/01.9 12102	1998 DA ₂₀	2004 09 27.5	00 17.43 -01 33.9 19.0 -0.89 - 6.8 1.3/26.4 30261
2001 XE ₂₁₇	2004 09 27.3	00 16.54 -11 26.9 19.8 -0.93 - 5.6 4.9/23.0 48172	1998 FL ₁₀	2004 09 27.5	00 17.44 +04 58.7 20.9 -0.86 - 5.6 1.0/28.6 47725
2001 YF ₁₁₃	2004 09 27.3	00 16.54 -10 35.9 18.4 -0.96 - 2.3 5.5/23.7 66257	2003 JP ₁₃	2004 09 27.5	00 17.44 -00 16.3 19.6 -0.77 - 7.6 0.7/26.8 50206
2000 YQ ₁₁₂	2004 09 27.3	00 16.55 -14 41.9 18.3 -0.77 - 4.3 5.1/21.7 66180	2001 UG ₈₃	2004 09 27.5	00 17.46 -02 27.9 20.1 -0.99 - 5.9 1.6/26.2 30516
2003 HG ₃₂	2004 09 27.3	00 16.57 -19 52.2 19.0 -0.97 - 1.1 8.2/21.1 66312	2000 SV ₁₆₈	2004 09 27.5	00 17.49 +05 22.7 18.1 -0.94 - 3.2 1.5/28.6 29372
1999 GH ₁₀	2004 09 27.3	00 16.59 +00 01.4 20.0 -1.00 - 3.7 0.6/26.8 47775	2001 XW ₁₆₉	2004 09 27.5	00 17.51 +15 09.8 18.4 -0.84 - 5.6 6.6/02.2 30581
1999 RV ₁₉₁	2004 09 27.3	00 16.68 +11 16.3 18.5 -1.09 + 0.6 3.0/29.8 66090	2000 XK ₁₂	2004 09 27.6	00 17.46 +08 27.6 20.2 -0.88 - 3.3 2.2/29.6 47996
1999 VV ₁₅₉	2004 09 27.3	00 16.71 -09 04.0 18.5 -0.90 - 1.0 3.3/24.3 66100	2003 GR ₃₅	2004 09 27.6	00 17.48 -19 45.6 19.9 -0.93 - 3.9 7.4/20.8 48366
2000 YG ₇₄	2004 09 27.3	00 16.71 -09 00.1 18.3 -0.78 - 6.6 3.8/23.6 66180	2001 UQ ₁₄₈	2004 09 27.6	00 17.49 +08 23.6 19.6 -0.93 - 8.4 2.4/29.8 50570
2000 PZ ₂₁	2004 09 27.3	00 16.72 -09 12.0 18.7 -0.95 - 3.3 4.7/24.0 66132	2002 CN ₇₁	2004 09 27.6	00 17.53 -11 51.2 19.1 -0.80 - 6.5 5.4/22.8 66267
2000 AK ₄₃	2004 09 27.3	00 16.74 +43 09.3 18.6 -1.42 + 2.2 19.5/11.4 66105	2001 YO ₁₃₈	2004 09 27.6	00 17.56 -21 50.2 20.3 -0.86 - 6.0 8.3/19.1 50584
1999 TL ₁₈₅	2004 09 27.3	00 16.74 +08 34.7 18.4 -0.85 - 2.4 1.9/29.4 66095	2000 UP ₂	2004 09 27.6	00 17.56 -24 37.6 18.2 -1.05 + 1.1 11.6/19.4 64865

1999 UF ₈	2004 09 27.6	00 17.57 +01 02.4 20.0	-0.78 - 4.7	0.3/27.3	14376	2000 NG ₁₉	2004 09 27.9	00 19.00 +25 41.0 18.7	-1.08 - 1.4	10.8/05.9	4960
1997 WW ₁₄	2004 09 27.6	00 17.58 -08 16.0 17.6	-0.98 - 1.0	5.0/24.8	66063	2000 UJ ₁₁₀	2004 09 28.0	00 18.93 +25 34.6 18.2	-0.83 - 5.3	9.6/06.7	9858
2000 SE ₅₈	2004 09 27.6	00 17.65 +02 10.8 18.8	-0.86 - 6.5	0.1/27.7	27704	2001 UO ₁₃₂	2004 09 28.0	00 19.00 +12 25.0 18.1	-0.88 - 8.9	4.5/01.7	30522
2001 CC ₄₂	2004 09 27.6	00 17.70 -22 24.2 19.7	-0.77 - 3.3	6.3/19.1	12291	2001 VK ₁₁₂	2004 09 28.0	00 19.04 +13 51.2 17.5	-0.98 - 6.4	4.9/02.0	66241
1999 TP ₁₉₇	2004 09 27.6	00 17.70 +07 00.8 18.9	-0.81 - 3.2	1.8/29.3	12176	2003 GK ₂₉	2004 09 28.0	00 19.05 +02 11.0 19.5	-0.88 - 9.3	0.0/28.1	50760
2002 AC ₃₆	2004 09 27.6	00 17.79 +03 32.1 20.0	-0.92 - 6.4	0.6/28.2	33957	1998 HL ₃₅	2004 09 28.0	00 19.11 -12 23.4 20.3	-0.93 - 2.0	4.4/23.8	47729
1999 VD ₂₉	2004 09 27.6	00 17.81 +00 35.5 18.8	-0.76 - 4.4	0.5/27.2	30331	2002 CU ₅₁	2004 09 28.0	00 19.17 -02 45.1 20.3	-0.80 - 7.5	1.5/26.4	30646
2001 XP ₁₉₇	2004 09 27.6	00 17.83 -15 05.5 19.7	-0.89 - 7.3	6.3/21.6	27790	2000 ST ₂₀₃	2004 09 28.0	00 19.31 -00 30.6 18.7	-1.02 - 1.0	1.2/27.4	66156
2002 EB ₄	2004 09 27.6	00 17.83 +01 11.2 19.4	-0.73 - 5.1	0.2/27.4	41764	2000 OF ₁₈	2004 09 28.1	00 19.26 -03 53.3 18.0	-0.93 - 4.7	2.5/26.3	50478
2001 XN ₅₄	2004 09 27.6	00 17.83 -11 14.4 19.6	-0.95 - 5.0	4.9/23.5	46981	2002 AG ₁₁₄	2004 09 28.1	00 19.27 +12 19.2 18.0	-0.96 - 3.6	4.5/01.2	66262
2001 YG ₅	2004 09 27.6	00 17.88 -08 11.2 18.3	-0.90 - 7.9	4.2/24.2	66255	2000 WQ ₁₇₅	2004 09 28.1	00 19.28 -10 23.9 18.2	-0.81 - 7.6	4.5/23.6	66175
2001 XL ₂₀₄	2004 09 27.7	00 17.87 +01 18.7 19.8	-0.96 - 4.9	0.2/27.5	48171	2003 EG ₂₃	2004 09 28.1	00 19.33 -03 43.0 18.3	-0.91 - 7.7	2.1/26.2	66306
1999 VZ ₁₅₆	2004 09 27.7	00 17.95 -00 25.2 19.6	-0.76 - 4.5	0.8/26.9	34813	2001 UJ ₈₇	2004 09 28.1	00 19.34 +03 41.7 20.3	-0.97 - 6.7	0.6/28.6	48139
2002 AL ₇₃	2004 09 27.7	00 17.96 -12 06.1 19.0	-0.92 - 4.3	6.6/23.2	66261	2003 JJ ₅	2004 09 28.1	00 19.36 -19 48.5 19.3	-0.96 - 0.5	8.1/21.8	66313
2000 SC ₁₆₃	2004 09 27.7	00 17.98 +01 31.4 18.9	-1.04 - 0.9	0.2/27.6	30396	1998 FP ₆₈	2004 09 28.1	00 19.38 +03 05.0 17.8	-1.02 - 1.0	0.3/28.4	66067
2000 SZ ₂₅₂	2004 09 27.7	00 18.08 -03 03.7 18.2	-0.77 - 7.4	2.1/26.0	66157	2002 AR ₁₅₅	2004 09 28.1	00 19.39 -18 17.8 18.8	-0.74 -11.2	6.7/19.9	30623
1997 WR ₃₅	2004 09 27.7	00 18.08 +13 11.9 17.6	-0.86 - 7.0	4.9/01.7	27591	2001 YT ₁₂₆	2004 09 28.1	00 19.42 +15 32.6 18.3	-1.01 - 2.9	6.3/02.2	26110
2002 HX	2004 09 27.7	00 18.16 +07 52.5 17.5	-1.06 + 0.9	1.9/29.3	66277	2002 CW ₁₁₂	2004 09 28.1	00 19.66 +00 18.0 20.0	-0.89 - 5.0	0.6/27.6	31453
2001 XO ₁₅₅	2004 09 27.7	00 18.24 +11 55.5 18.9	-0.91 - 6.9	3.6/01.2	48169	1999 TU ₁₃₅	2004 09 28.1	00 19.67 +07 17.9 19.7	-0.71 - 8.0	1.7/30.1	33103
2002 GT ₂₂	2004 09 27.7	00 18.24 +05 08.2 20.0	-0.77 - 3.4	0.8/28.8	65340	2002 EJ ₁₃₀	2004 09 28.1	00 19.68 +10 24.5 18.7	-0.69 - 8.8	2.4/01.3	50599
2002 AH ₈₁	2004 09 27.7	00 18.25 -05 01.0 18.7	-0.87 - 8.9	2.8/25.3	47140	1999 XF ₁₀	2004 09 28.1	00 19.69 +17 40.9 18.6	-0.80 - 4.0	5.2/03.4	47828
2002 CA ₂₂₀	2004 09 27.8	00 18.19 +06 17.4 19.3	-1.00 - 1.7	1.5/29.0	29871	2001 WO ₅₆	2004 09 28.1	00 19.70 -00 28.2 19.9	-1.03 - 4.7	1.1/27.4	48158
1999 XR ₉₇	2004 09 27.8	00 18.24 -00 25.8 18.3	-0.73 - 4.5	0.7/27.0	66102	2000 UD ₄₄	2004 09 28.2	00 19.64 -11 47.1 18.3	-0.93 - 1.9	4.6/24.1	66164
2003 FW ₁₁₂	2004 09 27.8	00 18.27 -02 39.3 20.2	-0.96 - 5.1	1.8/26.4	50758	1999 XM ₁₂₁₄	2004 09 28.2	00 19.75 +01 40.5 18.7	-0.79 - 4.0	0.2/28.1	12220
2000 YO ₁	2004 09 27.8	00 18.29 +19 35.4 18.6	-1.04 - 1.3	6.2/02.9	66178	2002 CW ₅	2004 09 28.2	00 19.76 +05 52.6 19.8	-0.90 - 4.7	1.3/29.4	30636
2000 WC ₁₆₂	2004 09 27.8	00 18.30 -07 47.6 19.2	-0.76 - 9.0	3.4/24.2	66174	1998 GA ₁₀	2004 09 28.2	00 19.77 -17 15.1 20.6	-0.87 - 3.8	5.4/21.9	27601
2002 CQ ₂₅₁	2004 09 27.8	00 18.32 -18 56.1 19.7	-0.85 - 6.9	7.0/20.2	31971	2001 FD ₁₅	2004 09 28.2	00 19.79 +01 07.7 19.2	-0.67 - 4.8	0.3/27.9	48018
2003 EN ₃₁	2004 09 27.8	00 18.33 +11 50.1 21.0	-1.01 - 5.6	3.1/01.0	48336	2000 SG ₂₉₄	2004 09 28.2	00 19.82 -03 32.5 17.3	-1.09 + 0.6	2.3/26.8	66159
1998 YZ ₁₅	2004 09 27.8	00 18.36 +08 28.7 19.9	-0.97 - 6.1	2.4/29.9	47761	1999 RJ ₁₆₆	2004 09 28.2	00 19.83 -03 08.1 18.6	-0.79 - 5.4	1.8/26.5	66090
1998 EV ₂	2004 09 27.8	00 18.36 +09 14.1 18.6	-0.71 -13.2	2.2/01.0	66066	2000 XU ₁₅	2004 09 28.2	00 19.93 +28 39.2 17.1	-0.97 - 2.2	10.8/07.5	66176
2000 RT ₄₆	2004 09 27.8	00 18.36 +06 44.3 16.3	-0.83 - 2.1	2.3/29.3	66144	2001 WC ₃₂	2004 09 28.2	00 19.95 -10 44.6 18.8	-1.00 - 4.2	5.2/24.4	66243
2002 AY ₄₆	2004 09 27.8	00 18.37 -16 34.5 21.8	-0.79 - 5.4	4.8/21.4	29748	2002 AZ ₈	2004 09 28.2	00 20.00 -04 44.1 19.8	-0.85 - 5.8	2.7/26.0	48184
2000 GQ ₁₈₀	2004 09 27.8	00 18.51 -02 19.2 20.8	-1.07 - 4.3	1.9/26.6	34951	2000 EG ₁₁₃	2004 09 28.2	00 20.03 -06 27.4 19.1	-0.95 - 8.3	3.5/25.4	66114
2004 NE ₂₅	2004 09 27.8	00 18.53 +08 36.1 17.7	-0.89 - 2.2	3.5/29.9	65910	2000 GP ₁₄₇	2004 09 28.2	00 20.03 -07 22.9 19.9	-0.58 - 5.4	2.1/24.8	53653
2001 XU ₂	2004 09 27.8	00 18.63 -08 35.6 17.5	-1.32 + 2.2	4.2/25.5	30560	2000 VR ₅₄	2004 09 28.2	00 20.03 +09 47.3 17.1	-0.75 - 2.9	3.8/30.8	64880
1999 RJ ₄₁	2004 09 27.8	00 18.67 -04 23.1 17.5	-2.28 +19.8	3.9/27.7	66088	2001 XK ₂₄₉	2004 09 28.2	00 20.04 -02 55.9 19.8	-0.90 - 6.8	2.0/26.6	48174
1999 VO ₁₁₃	2004 09 27.9	00 18.54 -05 00.5 18.3	-0.75 - 3.3	1.9/25.6	66099	2001 XY ₁₅₈	2004 09 28.3	00 20.00 +11 41.7 17.7	-0.90 - 7.3	4.0/01.5	30581
1999 VK ₁₆₉	2004 09 27.9	00 18.64 +08 44.4 19.0	-0.74 - 4.8	2.0/30.2	12199	3434 T-3	2004 09 28.3	00 20.01 +04 20.5 19.5	-0.81 - 6.4	0.8/29.0	30774
2001 XQ ₁₂₇	2004 09 27.9	00 18.65 +07 31.1 19.2	-0.92 - 7.3	2.4/29.8	66250	2001 BB ₃₃	2004 09 28.3	00 20.04 +18 55.9 17.5	-0.90 - 1.3	5.3/03.4	48006
2002 EX ₇₀	2004 09 27.9	00 18.70 +06 52.7 18.2	-0.83 - 2.3	1.5/29.4	66274	2002 EE ₄₃	2004 09 28.3	00 20.07 +01 45.5 18.1	-0.70 - 6.3	0.1/28.2	66273
2003 KU ₈	2004 09 27.9	00 18.77 -04 18.4 19.5	-0.87 - 8.0	2.3/25.8	50210	1999 GF ₅₈	2004 09 28.3	00 20.14 +05 51.0 20.5	-0.91 - 5.9	1.2/29.5	50407
2001 VV ₅₄	2004 09 27.9	00 18.81 +01 24.7 19.6	-1.11 - 2.3	0.3/27.8	26045	2001 XC ₁₀₆	2004 09 28.3	00 20.14 -03 25.2 19.3	-0.95 - 5.6	2.0/26.6	50578
1999 TZ ₁₂₃	2004 09 27.9	00 18.84 +04 27.5 18.1	-0.70 - 7.7	0.8/28.8	30322	1999 XX ₇₃	2004 09 28.3	00 20.15 +05 36.8 17.6	-0.77 - 5.5	1.3/29.5	1552
1981 EV ₃₆	2004 09 27.9	00 18.84 +14 45.9 20.0	-0.79 - 4.2	3.7/02.3	60452	2002 CD ₂₄₄	2004 09 28.3	00 20.21 +00 10.6 18.7	-0.67 - 7.5	0.5/27.6	33964
2002 CR ₁₅₀	2004 09 27.9	00 18.86 +00 14.3 21.6	-0.85 - 5.6	0.5/27.4	30670	2000 JF ₂₅	2004 09 28.3	00 20.21 +16 56.5 18.8	-1.02 - 7.5	6.0/03.5	47892
2001 UB ₄₂	2004 09 27.9	00 18.86 -01 37.6 19.6	-1.00 - 6.1	1.4/26.8	48136	1999 XX ₂₇	2004 09 28.3	00 20.21 -35 31.2 20.0	-0.89 - 1.1	9.7/14.4	34823
1999 VO ₁₁₅	2004 09 27.9	00 18.90 +19 14.0 19.5	-0.70 - 8.1	4.9/04.7	50437	2002 AO ₇₈	2004 09 28.3	00 20.22 +05 52.1 19.5	-0.98 - 4.2	1.6/29.5	48188
2000 RW ₆	2004 09 27.9	00 18.91 +04 39.7 18.0	-0.70 -12.7	1.0/29.0	47931	2000 WX ₁₃₆	2004 09 28.3	00 20.24 +11 50.2 20.0	-0.81 - 5.3	2.7/01.6	29584
2000 YQ ₇₄	2004 09 27.9	00 18.91 -17 38.6 18.3	-0.81 - 3.9	5.7/21.3	31931	1999 WY ₆	2004 09 28.3	00 20.26 +17 37.0 17.8	-0.70 - 7.2	5.0/04.2	30337
2001 KS ₆₇	2004 09 27.9	00 18.92 +04 51.2 17.1	-0.80 -26.4	1.2/29.2	64914	2001 YE ₁₂₈	2004 09 28.3	00 20.35 +06 33.8 17.3	-1.02 - 3.5	1.9/29.7	66258
2001 YZ ₁₀₄	2004 09 27.9	00 18.93 -18 25.4 20.7	-0.82 - 6.1	6.5/20.8	50583	1998 FW ₃₈	2004 09 28.3	00 20.36 +04 35.3 18.8	-0.91 - 4.3	0.8/29.1	30263

2002 BS ₇	2004 09 28.3	00 20.41 -04 42.7 20.5	-0.90 - 6.3	2.5/26.1	62386	2004 LU ₂₃	2004 09 28.7	00 21.60 +08 15.7 16.4	-0.46 - 8.3	3.3/01.2	66387
2000 QK ₂₃₆	2004 09 28.4	00 20.38 +11 29.2 19.3	-1.01 - 4.7	3.5/01.3	47930	1999 VP ₁₅₉	2004 09 28.7	00 21.61 +06 54.2 18.9	-0.78 - 5.0	1.5/30.3	47824
1999 TL ₁₁₄	2004 09 28.4	00 20.39 +01 26.6 19.1	-0.80 - 4.4	0.3/28.2	31867	2000 WY ₁₆₆	2004 09 28.7	00 21.62 +00 24.1 18.3	-0.80 - 6.6	0.7/28.1	66174
1999 TE ₉₃	2004 09 28.4	00 20.43 -12 09.7 18.9	-0.85 - 2.3	4.8/24.0	66093	2003 FU ₁₅	2004 09 28.7	00 21.62 +09 53.9 19.1	-1.07 - 1.1	2.8/01.0	47401
2000 US ₈₈	2004 09 28.4	00 20.48 +09 12.0 19.0	-0.72 -11.4	2.6/01.1	47981	2001 YU ₁₀₂	2004 09 28.7	00 21.65 +40 39.4 19.6	-1.15 - 3.4	13.6/12.5	30599
2003 GO ₆	2004 09 28.4	00 20.54 +00 46.1 20.1	-0.89 - 6.9	0.5/28.0	50759	2003 FL ₉₁	2004 09 28.7	00 21.67 -18 44.8 18.6	-1.09 - 0.2	8.0/23.1	66310
2000 VP ₆₂	2004 09 28.4	00 20.57 +06 10.2 18.4	-0.77 - 7.8	1.3/29.9	30422	2002 EN ₁₂₁	2004 09 28.7	00 21.68 -00 44.1 19.6	-0.86 - 1.3	0.9/27.9	33972
1999 TW ₂₉₁	2004 09 28.4	00 20.63 +27 53.7 18.7	-0.71 - 9.0	7.3/08.9	31292	2002 GZ ₇₈	2004 09 28.7	00 21.70 -23 47.7 19.3	-0.90 - 0.5	7.9/20.8	66276
2002 AS ₁₁₃	2004 09 28.4	00 20.68 -05 24.6 18.7	-0.87 - 5.9	3.5/25.9	66262	2000 WD ₁₁₉	2004 09 28.7	00 21.73 +25 36.2 18.2	-0.81 - 4.8	9.8/07.4	14917
2002 CE ₂₁₇	2004 09 28.4	00 20.72 +02 00.6 20.2	-0.80 - 3.4	0.1/28.4	48209	2004 PZ ₅₅	2004 09 28.7	00 21.74 +15 40.2 17.4	-1.14 + 2.1	5.9/02.2	65963
2002 CE ₃₈	2004 09 28.4	00 20.72 +02 06.6 19.4	-0.87 - 4.7	0.0/28.4	48199	2000 WV ₁₅	2004 09 28.7	00 21.75 -09 50.2 20.4	-0.85 - 4.0	3.7/24.8	31351
2002 EQ ₇₈	2004 09 28.4	00 20.73 +06 33.7 19.5	-0.85 - 5.2	1.7/29.9	48220	2002 BU ₂₂	2004 09 28.7	00 21.78 -17 52.3 18.3	-0.98 - 2.3	6.6/22.7	66265
2000 TU ₄₉	2004 09 28.4	00 20.74 -19 04.0 18.8	-0.95 - 2.1	6.9/22.1	66163	1993 TM ₂₇	2004 09 28.7	00 21.80 +03 32.8 19.0	-0.67 -10.1	0.4/29.2	46321
2002 AP ₉₀	2004 09 28.4	00 20.77 +06 56.3 20.6	-0.89 - 4.8	1.5/30.0	30613	2000 RZ ₅₉	2004 09 28.7	00 21.83 -02 36.1 18.2	-0.79 - 6.6	2.1/27.1	50486
2001 UH ₁	2004 09 28.5	00 20.72 -24 54.7 20.9	-1.32 - 0.5	9.7/20.7	30503	2000 UH ₃₄	2004 09 28.7	00 21.83 +01 55.9 19.7	-0.90 - 4.2	0.2/28.7	30413
2002 GO ₅₈	2004 09 28.5	00 20.75 +06 01.0 19.8	-0.69 - 7.1	1.1/29.9	31530	2000 SL ₉₄	2004 09 28.7	00 21.85 +10 56.3 19.5	-0.90 - 5.5	2.9/01.6	30391
2001 UB ₂₀₄	2004 09 28.5	00 20.76 -00 32.1 19.3	-1.11 - 2.8	1.1/27.7	50571	2002 EY ₆₀	2004 09 28.8	00 21.79 +04 21.6 20.9	-0.82 - 7.0	0.7/29.5	48219
2002 FV ₃	2004 09 28.5	00 20.77 -11 21.6 18.6	-0.81 - 3.2	4.1/24.2	66275	2000 SS ₂₃₈	2004 09 28.8	00 21.81 -07 03.3 17.9	-0.78 - 8.3	3.6/25.4	66157
2000 SO ₂₂₁	2004 09 28.5	00 20.77 -25 21.3 18.3	-1.00 + 1.0	12.0/20.0	64844	2000 UJ ₁₀₉	2004 09 28.8	00 21.83 -14 52.3 18.2	-0.78 - 4.8	7.6/22.7	66167
2002 CZ ₁₇₇	2004 09 28.5	00 20.83 -02 11.0 19.7	-0.83 - 6.1	1.6/27.0	61219	2000 UN ₈₉	2004 09 28.8	00 21.90 -03 40.6 18.9	-0.88 - 4.2	2.2/26.9	47981
2000 VZ ₄	2004 09 28.5	00 20.83 -01 13.4 19.5	-0.91 - 4.8	1.3/27.4	31920	2002 CQ ₁₁₇	2004 09 28.8	00 21.92 -08 11.0 19.4	-0.66 - 6.7	2.8/25.0	48204
2001 XB ₁₁₉	2004 09 28.5	00 20.87 -06 04.3 19.2	-0.94 - 4.5	2.9/25.9	27788	2001 XX ₂₂	2004 09 28.8	00 21.95 -01 04.6 17.3	-1.01 - 3.5	1.5/27.8	30563
2001 XP ₂₁₀	2004 09 28.5	00 20.91 +04 28.9 18.8	-0.92 - 7.5	0.8/29.3	66253	2001 XB ₂₀₄	2004 09 28.8	00 21.96 +04 49.9 18.4	-0.89 - 8.0	0.9/29.7	66253
2000 QS ₁₈₂	2004 09 28.5	00 20.97 +08 49.4 18.8	-0.86 - 4.3	2.3/30.6	66139	2000 TZ ₂₀	2004 09 28.8	00 22.05 -08 33.9 18.8	-0.77 - 8.5	4.4/24.8	66162
2002 CF ₁₇₁	2004 09 28.5	00 20.99 -11 46.4 19.0	-0.76 - 7.9	4.3/23.4	30675	2004 PL ₄₀	2004 09 28.8	00 22.07 -08 45.6 17.9	-0.59 -13.3	4.7/24.2	65957
2001 YC ₅	2004 09 28.5	00 21.04 -45 34.0 16.4	-1.57 +21.1	27.7/27.4	66255	1999 TL ₁₇₈	2004 09 28.8	00 22.08 +09 46.1 20.0	-0.79 - 4.4	2.4/01.3	12174
1996 AF ₃	2004 09 28.5	00 21.05 +04 43.9 19.0	-1.04 - 4.9	1.1/29.3	43327	2000 YQ ₁₂₀	2004 09 28.8	00 22.10 +04 55.3 18.5	-0.85 - 1.6	0.7/29.6	13802
2001 UA ₁₀₈	2004 09 28.5	00 21.06 -05 14.4 19.8	-1.00 - 4.9	2.9/26.3	46815	2000 SW ₁₈₅	2004 09 28.8	00 22.13 +01 55.7 19.5	-0.88 - 5.7	0.2/28.7	47957
2001 UT ₅₂	2004 09 28.5	00 21.10 +02 45.2 18.7	-0.88 - 9.9	0.2/28.8	46798	2001 XR ₂₆₂	2004 09 28.8	00 22.18 -05 24.6 20.4	-0.96 - 5.6	2.9/26.4	50582
4041 T-1	2004 09 28.5	00 21.12 -03 19.0 20.0	-0.94 - 2.7	1.8/26.9	30772	2000 YB ₈₁	2004 09 28.8	00 22.19 -07 57.3 18.6	-0.85 - 4.8	3.6/25.5	31931
2001 YJ ₁₀₇	2004 09 28.5	00 21.13 +00 25.7 19.3	-0.91 - 6.5	0.7/28.0	30599	2003 HM ₂₇	2004 09 28.8	00 22.20 +04 49.2 19.8	-0.85 - 8.2	0.9/29.7	50194
2001 XY ₂₁₄	2004 09 28.5	00 21.16 +38 27.6 21.2	-1.01 - 2.8	9.3/12.2	49945	2001 XQ ₁₀₀	2004 09 28.8	00 22.20 +13 32.3 17.0	-1.01 - 3.2	5.2/02.2	66249
2002 EH ₅₂	2004 09 28.5	00 21.16 +11 57.9 18.3	-1.22 + 3.1	3.8/30.7	66273	2002 AS ₁₃₆	2004 09 28.9	00 22.18 +10 53.5 19.7	-0.86 - 5.8	2.8/01.8	50587
2002 AJ ₁₉₂	2004 09 28.6	00 21.08 -15 24.2 19.5	-0.82 - 5.1	5.7/22.7	66264	2001 VR ₁₁₃	2004 09 28.9	00 22.19 -02 22.9 20.3	-0.96 - 5.2	1.7/27.4	50575
2000 UG ₄₃	2004 09 28.6	00 21.12 -06 08.6 18.6	-0.88 - 3.5	3.2/26.0	66164	2002 AY ₂₆	2004 09 28.9	00 22.21 +18 19.4 19.6	-0.88 - 4.2	4.6/04.2	27801
2001 YN ₁₁₅	2004 09 28.6	00 21.14 +17 03.7 19.1	-0.93 - 3.7	4.7/03.3	27796	2002 AX ₆₃	2004 09 28.9	00 22.23 -10 07.6 19.8	-0.77 - 7.9	3.8/24.4	30611
2002 AD ₇₂	2004 09 28.6	00 21.23 -01 26.6 18.2	-0.92 - 5.1	1.4/27.5	27389	2001 XO ₁₉₁	2004 09 28.9	00 22.29 +01 27.9 19.3	-0.90 - 6.3	0.3/28.6	48171
2002 CB ₁₀₄	2004 09 28.6	00 21.25 +07 07.0 20.6	-0.87 - 3.7	1.4/30.1	30659	2000 BO ₂	2004 09 28.9	00 22.36 +24 29.1 18.2	-1.81 +10.1	11.9/01.8	66107
2002 AO ₉₈	2004 09 28.6	00 21.26 +11 15.6 17.9	-0.95 - 2.8	4.3/01.3	65284	1995 WU ₁₄	2004 09 28.9	00 22.39 +08 16.5 20.0	-0.78 - 7.1	2.0/01.0	8012
1999 CV ₁₁₂	2004 09 28.6	00 21.26 +09 14.4 19.9	-0.98 - 5.2	2.7/30.8	47769	2002 AY ₂₃	2004 09 28.9	00 22.41 +04 08.8 18.4	-0.89 - 6.9	0.7/29.5	66259
1999 GL ₄₆	2004 09 28.6	00 21.27 -08 00.9 19.9	-0.92 - 5.7	3.6/25.3	33807	2000 RG ₂₀	2004 09 28.9	00 22.44 +14 43.5 18.7	-0.94 - 3.9	5.1/02.9	66143
2001 BE ₄₈	2004 09 28.6	00 21.29 -02 53.9 19.5	-0.69 - 9.2	1.6/26.7	35002	2001 DA ₁₂	2004 09 28.9	00 22.46 -06 10.5 19.6	-0.70 - 5.3	2.4/26.0	17551
1998 HV ₁₃₃	2004 09 28.6	00 21.35 -06 56.8 19.4	-0.84 - 5.0	3.0/25.6	30270	2002 GL ₇	2004 09 28.9	00 22.47 -07 06.0 20.8	-0.73 - 4.8	2.6/25.8	48226
2003 HQ ₂₁	2004 09 28.6	00 21.37 -07 29.6 20.0	-0.91 - 6.4	3.4/25.4	50762	2000 SZ ₃₀₄	2004 09 28.9	00 22.47 +05 48.2 18.7	-1.14 + 2.8	1.6/29.7	29415
1999 LS ₂	2004 09 28.6	00 21.39 +00 52.8 18.6	-0.77 -10.3	0.5/28.1	66086	2002 AQ ₁₆₅	2004 09 28.9	00 22.48 +03 44.2 18.2	-0.85 - 6.8	0.6/29.4	48193
2000 YD ₃	2004 09 28.6	00 21.45 -02 32.9 20.2	-0.81 - 4.6	1.6/27.1	47997	2000 UB ₈₅	2004 09 28.9	00 22.54 -01 58.4 19.0	-0.83 - 5.0	1.9/27.5	20831
2002 AS ₈₃	2004 09 28.6	00 21.46 -03 05.7 18.9	-0.83 - 8.0	1.8/26.8	66261	2001 XA ₂₅	2004 09 28.9	00 22.59 -04 27.0 17.5	-1.02 - 3.4	3.0/27.0	30563
2001 YR ₁₀₇	2004 09 28.7	00 21.44 +07 05.1 18.3	-0.88 - 7.3	2.1/30.3	66257	2001 YA ₉₅	2004 09 29.0	00 22.53 -00 30.4 19.1	-0.86 - 5.2	0.9/28.1	26105
2000 SL ₁₄₀	2004 09 28.7	00 21.47 +07 20.5 17.7	-0.91 - 4.7	2.0/30.3	30394	2002 EZ ₅₄	2004 09 29.0	00 22.54 +05 22.6 17.6	-1.05 + 0.9	1.2/29.7	66273
2002 AY ₁₂₀	2004 09 28.7	00 21.48 +16 11.0 19.7	-0.83 - 3.5	3.6/03.3	30618	2002 GZ ₃	2004 09 29.0	00 22.60 -16 16.8 20.9	-1.17 + 0.3	5.9/24.0	31990
1999 JX ₅₅	2004 09 28.7	00 21.55 +09 28.4 17.3	-0.82 - 9.6	2.8/31.0	66085	2000 WM ₈₈	2004 09 29.0	00 22.61 -25 25.2 18.9	-0.78 - 3.6	7.0/18.9	33887