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ERRATUM

MPC Line
43046 -48

The erratum was given incorrectly on MPC 43093. It
should be: *For* Jan Matzal, the pseudonym of *read* Jan
Matzal, who used the pseudonym

NEW OBSERVATORY CODES

The following listing is a continuation to that on MPC 43093. 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	$\rho \cos \phi'$	$\rho \sin \phi'$	
231	5.3983	0.64403	+0.76253	Vesqueville
232	1.3317	0.7500	+0.6593	Masquefa Observatory
233	10.5403	0.72226	+0.68931	Sauro Donati Astronomical Observatory, San Vito
234	1.1400	0.61500	+0.78588	Coddenham Observatory
235	13.1144	0.69666	+0.71500	CAST Observatory, Talmassons
333	249.5236	0.84936	+0.52642	Desert Eagle Observatory
456	358.8278	0.61348	+0.78709	Daventry Observatory
458	355.9806	0.75992	+0.64805	Guadarrama Observatory

CORRECTED OBSERVATIONS

The following observations correct those previously published.

Object	Date	UT	α_{2000}	δ_{2000}	Reference	Mag.	N Obs.
1989 SN ₁₂	* 1989 09 28.96319	00 22 40.95	+18 00 35.1	MPC17872	15	t 493	
1989 SN ₁₂	1989 09 28.99097	00 22 38.93	+18 00 40.5	MPC17872		t 493	
1989 SN ₁₂	1989 10 03.00139	00 17 43.15	+18 11 41.1	MPC17872	15	t 493	
1989 SN ₁₂	1989 10 03.02917	00 17 41.02	+18 11 46.4	MPC17872		t 493	
1989 SO ₁₂	* 1989 09 28.96319	00 24 08.04	+19 25 23.5	MPC17872	16.5	t 493	
1989 SO ₁₂	1989 09 28.99097	00 24 06.62	+19 25 18.8	MPC17872		t 493	
1989 SO ₁₂	1989 10 03.00139	00 20 40.58	+19 14 43.7	MPC17872	17.5	t 493	
1989 SO ₁₂	1989 10 03.02917	00 20 39.14	+19 14 40.5	MPC17872		t 493	
1989 SP ₁₂	* 1989 09 28.96319	00 25 54.16	+17 17 14.6	MPC17872	15.8	t 493	
1989 SP ₁₂	1989 09 28.99097	00 25 52.52	+17 17 12.7	MPC17872		t 493	

1989 SP ₁₂	1989 10 03.00139	00 21 54.50	+17 11 38.5	MPC17872	16.0	t 493
1989 SP ₁₂	1989 10 03.02917	00 21 52.80	+17 11 35.0	MPC17872		t 493
1989 SQ ₁₂	* 1989 09 28.96319	00 26 32.55	+18 00 27.0	MPC17872	17	t 493
1989 SQ ₁₂	1989 09 28.99097	00 26 31.32	+18 00 20.5	MPC17872		t 493
1989 SQ ₁₂	1989 10 03.00139	00 23 20.99	+17 40 02.2	MPC17873	17	t 493
1989 SQ ₁₂	1989 10 03.02917	00 23 19.57	+17 39 52.9	MPC17873		t 493
1989 SR ₁₂	* 1989 09 28.96319	00 28 34.24	+16 11 06.3	MPC17873	14.2	t 493
1989 SR ₁₂	1989 09 28.99097	00 28 32.87	+16 11 02.8	MPC17873		t 493
1989 SR ₁₂	1989 10 03.00139	00 25 08.29	+16 02 11.2	MPC17873	15.2	t 493
1989 SR ₁₂	1989 10 03.02917	00 25 06.81	+16 02 07.8	MPC17873		t 493
1989 SS ₁₂	* 1989 09 28.96319	00 28 38.71	+17 14 06.3	MPC17873	16	t 493
1989 SS ₁₂	1989 09 28.99097	00 28 37.41	+17 13 57.3	MPC17873		t 493
1989 SS ₁₂	1989 10 03.00139	00 25 28.86	+16 53 30.7	MPC17873	16.5	t 493
1989 SS ₁₂	1989 10 03.02917	00 25 27.43	+16 53 22.3	MPC17873		t 493
1989 SU ₁₂	* 1989 09 28.96319	00 29 51.55	+17 53 52.0	MPC17873	16.0	t 493
1989 SU ₁₂	1989 09 28.99097	00 29 50.09	+17 53 47.1	MPC17873		t 493
1989 SU ₁₂	1989 10 03.00139	00 26 23.36	+17 42 36.9	MPC17873	16	t 493
1989 SU ₁₂	1989 10 03.02917	00 26 21.85	+17 42 30.8	MPC17873		t 493
1989 SV ₁₂	* 1989 09 28.96319	00 30 30.82	+16 27 23.9	MPC17873	15	t 493
1989 SV ₁₂	1989 09 28.99097	00 30 29.32	+16 27 14.3	MPC17873		t 493
1989 SV ₁₂	1989 10 03.00139	00 26 55.35	+16 02 04.6	MPC17873	16.5	t 493
1989 SV ₁₂	1989 10 03.02917	00 26 53.83	+16 01 54.2	MPC17873		t 493
1989 SX ₁₂	* 1989 09 28.96319	00 32 27.44	+17 48 58.7	MPC17873	15	t 493
1989 SX ₁₂	1989 09 28.99097	00 32 26.15	+17 48 51.4	MPC17873		t 493
1989 SX ₁₂	1989 10 03.00139	00 29 18.56	+17 28 56.4	MPC17873	14.5	t 493
1989 SX ₁₂	1989 10 03.02917	00 29 17.22	+17 28 48.2	MPC17873		t 493
1989 SY ₁₂	* 1989 09 28.96319	00 33 05.67	+17 46 15.8	MPC17873	16	t 493
1989 SY ₁₂	1989 09 28.99097	00 33 04.40	+17 46 09.9	MPC17873		t 493
1989 SY ₁₂	1989 10 03.00139	00 30 07.94	+17 29 47.4	MPC17873	15.8	t 493
1989 SY ₁₂	1989 10 03.02917	00 30 06.58	+17 29 39.8	MPC17873		t 493
1989 SZ ₁₂	* 1989 09 28.96319	00 33 10.38	+18 50 56.0	MPC17873	14.5	t 493
1989 SZ ₁₂	1989 09 28.99097	00 33 08.88	+18 50 51.9	MPC17873		t 493
1989 SZ ₁₂	1989 10 03.00139	00 29 18.92	+18 38 29.9	MPC17873	14.5	t 493
1989 SZ ₁₂	1989 10 03.02917	00 29 17.24	+18 38 24.3	MPC17873		t 493
1989 SA ₁₃	* 1989 09 28.96319	00 33 40.82	+16 17 48.2	MPC17873	15.5	t 493
1989 SA ₁₃	1989 09 28.99097	00 33 39.22	+16 17 40.6	MPC17873		t 493
1989 SA ₁₃	1989 10 03.00139	00 29 50.99	+15 58 03.2	MPC17873	16.2	t 493
1989 SA ₁₃	1989 10 03.02917	00 29 49.25	+15 57 54.5	MPC17873		t 493

1989 SB ₁₃	*	1989 09 28.96319	00 35 30.81	+18 01 41.7	MPC17873	16	t	493	(1506)	1989 10 03.00139	00 30 27.95	+19 04 36.3	MPC17875	15	t	493
1989 SB ₁₃		1989 09 28.99097	00 35 29.54	+18 01 29.5	MPC17873		t	493	(1506)	1989 10 03.02917	00 30 26.44	+19 04 19.9	MPC17875		t	493
1989 SB ₁₃		1989 10 03.00139	00 32 21.70	+17 28 28.8	MPC17873	16	t	493	(2744)	1989 09 28.96319	00 20 46.67	+18 35 38.2	MPC17875	14.8	t	493
1989 SB ₁₃		1989 10 03.02917	00 32 20.22	+17 28 14.6	MPC17873		t	493	(2744)	1989 09 28.99097	00 20 45.28	+18 35 43.8	MPC17875		t	493
1989 SE ₁₃	*	1989 09 28.96319	00 36 13.87	+18 55 05.0	MPC17873	15	t	493	(2744)	1989 10 03.00139	00 17 56.08	+18 45 42.8	MPC17875	14.5	t	493
1989 SE ₁₃		1989 09 28.99097	00 36 12.45	+18 54 59.6	MPC17873		t	493	(2744)	1989 10 03.02917	00 17 54.68	+18 45 46.7	MPC17875		t	493
1989 SE ₁₃		1989 10 03.00139	00 32 46.60	+18 39 03.9	MPC17873	15.0	t	493	(3075)	1989 09 28.96319	00 38 27.52	+16 48 43.5	MPC17875	14.3	t	493
1989 SE ₁₃		1989 10 03.02917	00 32 45.05	+18 38 56.7	MPC17873		t	493	(3075)	1989 09 28.99097	00 38 25.67	+16 48 44.7	MPC17875		t	493
1989 SF ₁₃	*	1989 09 28.96319	00 36 36.51	+20 42 41.2	MPC17873	17	t	493	(3075)	1989 10 03.00139	00 33 52.13	+16 48 29.6	MPC17875	13.6	t	493
1989 SF ₁₃		1989 09 28.99097	00 36 35.49	+20 42 20.4	MPC17874		t	493	(3075)	1989 10 03.02917	00 33 50.11	+16 48 29.0	MPC17875		t	493
1989 SF ₁₃		1989 10 03.00139	00 34 07.60	+19 44 41.4	MPC17874	15.5	t	493	(3237)	1989 09 28.96319	00 37 21.30	+18 33 46.4	MPC17875	13.7	t	493
1989 SF ₁₃		1989 10 03.02917	00 34 06.45	+19 44 17.9	MPC17874		t	493	(3237)	1989 09 28.99097	00 37 19.99	+18 33 39.6	MPC17875		t	493
1989 SG ₁₃	*	1989 09 28.96319	00 36 44.82	+19 08 23.0	MPC17874	15.8	t	493	(3237)	1989 10 03.00139	00 34 09.40	+18 15 36.8	MPC17875	14	t	493
1989 SG ₁₃		1989 09 28.99097	00 36 43.32	+19 08 22.7	MPC17874		t	493	(3237)	1989 10 03.02917	00 34 08.01	+18 15 29.7	MPC17875		t	493
1989 SG ₁₃		1989 10 03.00139	00 33 01.46	+19 05 35.2	MPC17874	16.3	t	493								
1989 SG ₁₃		1989 10 03.02917	00 32 59.82	+19 05 33.2	MPC17874		t	493								
1989 SH ₁₃	*	1989 09 28.96319	00 37 09.87	+16 38 01.5	MPC17874	16	t	493								
1989 SH ₁₃		1989 09 28.99097	00 37 08.25	+16 38 04.4	MPC17874		t	493								
1989 SH ₁₃		1989 10 03.00139	00 32 55.24	+16 43 10.0	MPC17874	16.3	t	493								
1989 SH ₁₃		1989 10 03.02917	00 32 53.38	+16 43 11.5	MPC17874		t	493								
1989 SJ ₁₃	*	1989 09 28.96319	00 37 26.54	+18 42 08.2	MPC17874	14.2	t	493								
1989 SJ ₁₃		1989 09 28.99097	00 37 25.44	+18 41 53.8	MPC17874		t	493								
1989 SJ ₁₃		1989 10 03.00139	00 34 41.85	+18 04 45.8	MPC17874	14.3	t	493								
1989 SJ ₁₃		1989 10 03.02917	00 34 40.61	+18 04 30.2	MPC17874		t	493								
1989 SK ₁₃	*	1989 09 28.96319	00 38 11.38	+16 31 14.0	MPC17874	16	t	493								
1989 SK ₁₃		1989 09 28.99097	00 38 09.92	+16 31 07.8	MPC17874		t	493								
1989 SK ₁₃		1989 10 03.00139	00 34 42.02	+16 15 54.3	MPC17874	16.7	t	493								
1989 SK ₁₃		1989 10 03.02917	00 34 40.49	+16 15 47.4	MPC17874		t	493								
1989 SM ₁₃	*	1989 09 28.96319	00 38 58.95	+16 09 21.9	MPC17874	15.8	t	493								
1989 SM ₁₃		1989 10 03.00139	00 35 26.56	+16 02 50.7	MPC17874	15.8	t	493								
1989 SM ₁₃		1989 10 03.02917	00 35 25.00	+16 02 47.4	MPC17874		t	493								
1989 SR ₁₃	*	1989 09 28.96319	00 41 40.21	+17 01 04.1	MPC17874	15.5	t	493								
1989 SR ₁₃		1989 09 28.99097	00 41 38.83	+17 01 01.2	MPC17874		t	493								
1989 SR ₁₃		1989 10 03.00139	00 38 09.71	+16 50 30.9	MPC17874	14.5	t	493								
1989 SR ₁₃		1989 10 03.02917	00 38 08.18	+16 50 26.2	MPC17874		t	493								
1989 SU ₁₃	*	1989 09 28.96319	00 42 24.54	+18 46 39.4	MPC17874	15.5	t	493								
1989 SU ₁₃		1989 09 28.99097	00 42 23.22	+18 46 32.9	MPC17874		t	493								
1989 SU ₁₃		1989 10 03.00139	00 39 11.35	+18 29 11.3	MPC17874	16.5	t	493								
1989 SU ₁₃		1989 10 03.02917	00 39 09.78	+18 29 03.4	MPC17874		t	493								
1989 SV ₁₃	*	1989 09 28.96319	00 42 31.63	+18 05 04.3	MPC17875	16.5	t	493								
1989 SV ₁₃		1989 09 28.99097	00 42 29.87	+18 05 02.7	MPC17875		t	493								
1989 SV ₁₃		1989 10 03.00139	00 38 27.03	+17 59 57.6	MPC17875	17	t	493								
1989 SV ₁₃		1989 10 03.02917	00 38 25.20	+17 59 54.4	MPC17875		t	493								
(188)		1989 09 28.96319	00 29 12.93	+19 44 08.1	MPC17875	11.5	t	493								
(188)		1989 09 28.99097	00 29 11.58	+19 43 54.2	MPC17875		t	493								
(188)		1989 10 03.00139	00 26 02.26	+19 09 57.0	MPC17875	11	t	493								
(188)		1989 10 03.02917	00 26 00.92	+19 09 42.4	MPC17875		t	493								
(1206)		1989 09 28.96319	00 31 48.19	+19 06 06.9	MPC17875	14.0	t	493								
(1206)		1989 09 28.99097	00 31 46.67	+19 06 03.7	MPC17875		t	493								
(1206)		1989 10 03.00139	00 28 06.38	+18 56 24.1	MPC17875	14.5	t	493								
(1206)		1989 10 03.02917	00 28 04.76	+18 56 20.0	MPC17875		t	493								
(1506)		1989 09 28.96319	00 33 57.98	+19 45 01.8	MPC17875	13	t	493								
(1506)		1989 09 28.99097	00 33 56.51	+19 44 47.1	MPC17875		t	493								

DELETED OBSERVATIONS

The following observations are to be deleted.

Object	Date	UT	α_{2000}	δ_{2000}	Reference	Obs.
2001 OH ₈₃	*	2001 07 27.33481	22 12 49.07	-22 12 25.8	MPS 32888	644
2001 OH ₈₃		2001 07 27.34559	22 12 48.79	-22 12 33.7	MPS 32888	644
2001 OH ₈₃		2001 07 27.35628	22 12 48.49	-22 12 41.3	MPS 32888	644
2001 OX ₉₈		2001 07 31.34277	21 14 42.02	-18 42 54.9	MPS 32909	684
2001 OX ₉₈		2001 07 31.34797	21 14 41.67	-18 42 57.1	MPS 32909	684
2001 PB ₂₉	*	2001 08 12.26873	22 54 18.30	-08 32 10.2	MPS 32951	734
2001 PB ₂₉		2001 08 12.27906	22 54 17.84	-08 32 11.7	MPS 32951	734
2001 PB ₂₉		2001 08 12.29060	22 54 17.42	-08 32 12.5	MPS 32951	734
2001 PB ₂₉		2001 08 16.40778	22 51 13.81	-08 40 15.3	MPS 32951	734
2001 PB ₂₉		2001 08 16.41582	22 51 13.41	-08 40 18.0	MPS 32951	734
2001 PB ₂₉		2001 08 16.42421	22 51 13.09	-08 40 22.6	MPS 32951	734

IDENTIFICATION CHANGES

Continuation to MPC 43094.

Object	Date	UT	α_{2000}	δ_{2000}	Originally	Mag.	N Obs.
1949 OS ₁	*	1949 07 30.94280	21 17 21.08	-16 33 45.8	1949 OU		024
1978 RG ₁₇	*	1978 09 05.85157	22 09 42.61	-09 22 01.3	1978 QS	17.5	095
1986 EY ₅	*	1986 03 12.14649	11 39 54.27	+06 52 02.9	1986 EA	17.5	809
1988 RR ₁₄	*	1988 09 03.23646	23 24 29.09	-02 55 58.1	1988 RW ₄		809
1988 RR ₁₄		1988 09 03.24271	23 24 28.87	-02 55 58.6	1988 RW ₄		809
1988 RR ₁₄		1988 09 03.24896	23 24 28.65	-02 55 59.1	1988 RW ₄		809
1988 TK ₅	*	1988 10 09.28108	00 23 40.78	-08 20 26.3	1988 TB ₃		675
1990 EW ₁₀	*	1990 03 01.17465	09 56 26.31	+16 31 30.2	1990 DF ₄		809
1990 EW ₁₀		1990 03 01.18507	09 56 25.83	+16 31 32.7	1990 DF ₄		809
1990 EW ₁₀		1990 03 01.19549	09 56 25.36	+16 31 35.0	1990 DF ₄		809
1990 JA ₂	*	1990 05 04.77723	20 47 00.88	-29 19 44.2	1990 JF ₁		413
1990 JB ₂	*	1990 05 04.77723	20 47 11.62	-29 20 37.6	1990 JG ₁		413
1990 SJ ₃₀	*	1990 09 21.16147	23 32 14.30	-06 48 14.2	1990 SO ₁₂		809</

1993 QD ₁₁	1993 08 24.25625	23 37 20.73	-03 28 07.7	2000 DG ₂₅	809	1999 CU ₁₅₈	1999 02 10.17935	07 32 50.34	+24 30 55.7	1998 XP ₂₁	18.9	704
1993 QD ₁₁	1993 08 24.26944	23 37 20.16	-03 28 13.1	2000 DG ₂₅	809	1999 CU ₁₅₈	1999 02 13.22415	07 31 24.47	+24 37 29.7	1998 XP ₂₁	18.6	704
1994 LQ ₁₀	* 1994 06 07.25078	15 28 26.50	-11 34 26.0	1999 GO ₃	691	1999 CU ₁₅₈	1999 02 13.23806	07 31 24.14	+24 37 31.8	1998 XP ₂₁	18.6	704
1994 LQ ₁₀	1994 06 07.27776	15 28 25.04	-11 34 33.3	1999 GO ₃	19.4 V	1999 CU ₁₅₈	1999 02 13.25207	07 31 23.65	+24 37 31.9	1998 XP ₂₁	18.8	704
1994 LQ ₁₀	1994 06 07.30533	15 28 23.48	-11 34 41.3	1999 GO ₃	691	1999 CU ₁₅₈	1999 02 13.26603	07 31 23.33	+24 37 34.0	1998 XP ₂₁	18.8	704
1995 SK ₈₉	* 1995 09 17.17569	23 22 24.58	-02 49 55.9	1995 SO ₅₇	19.4 V	1999 CV ₁₅₈	* 1999 02 12.17898	08 09 45.79	+19 18 32.6	1999 CH ₁₃₆	20.7 V	691
1995 TN ₁₂	* 1995 10 02.22963	22 27 33.61	-08 58 53.0	1995 SM ₃₂	691	1999 CV ₁₅₈	1999 02 12.20093	08 09 44.69	+19 18 35.1	1999 CH ₁₃₆	20.4 V	691
1995 TN ₁₂	1995 10 02.27223	22 27 32.24	-08 58 59.4	1995 SM ₃₂	20.4 V	1999 CV ₁₅₈	1999 02 12.22296	08 09 43.51	+19 18 37.1	1999 CH ₁₃₆	20.7 V	691
1996 BL ₁₈	* 1996 01 27.32914	08 28 46.37	+15 09 28.2	1996 BA ₁₆	691	1999 DL ₉	* 1999 02 16.20358	09 29 52.81	+08 14 40.9	1999 CS ₆₈	19.1	704
1996 BL ₁₈	1996 01 27.35072	08 28 45.00	+15 09 33.3	1996 BA ₁₆	21.0 V	1999 DL ₉	1999 02 16.22439	09 29 51.60	+08 14 45.7	1999 CS ₆₈	19.4	704
1996 OE ₃	* 1996 07 23.39402	20 02 12.88	-21 45 48.1	1996 NX ₁	18.6 V	1999 DL ₉	1999 02 16.24524	09 29 50.51	+08 14 50.5	1999 CS ₆₈	19.5	704
1996 OE ₃	1996 07 23.40321	20 02 12.39	-21 45 49.9	1996 NX ₁	18.1 V	1999 DL ₉	1999 02 16.26608	09 29 49.18	+08 14 55.6	1999 CS ₆₈	19.4	704
1996 OE ₃	1996 07 23.41163	20 02 11.97	-21 45 52.5	1996 NX ₁	18.8 V	1999 EZ ₁₄	* 1999 03 12.36784	11 56 01.78	+00 23 57.5	2000 QL ₁₃₄	19.4 V	691
1997 CJ ₃₀	* 1997 02 02.52328	13 54 51.04	-10 46 18.1	1999 VJ ₂₀₈	20.6 V	1999 EZ ₁₄	1999 03 12.38876	11 56 00.67	+00 24 04.8	2000 QL ₁₃₄	19.6 V	691
1997 CJ ₃₀	1997 02 02.53478	13 54 51.33	-10 46 22.9	1999 VJ ₂₀₈	20.7 V	1999 EZ ₁₄	1999 03 12.41273	11 55 59.35	+00 24 13.1	2000 QL ₁₃₄	19.7 V	691
1997 CJ ₃₀	1997 02 02.54807	13 54 51.73	-10 46 29.2	1999 VJ ₂₀₈	20.8 V	1999 KC ₂₀	* 1999 05 18.17148	14 18 48.71	-18 02 04.4	1999 JL ₁₁₀	18.6	704
1997 KN ₄	* 1997 05 27.98859	14 54 40.88	-10 04 23.8	1999 XV ₂₂₆	20.1 V	1999 KC ₂₀	1999 05 18.18538	14 18 48.08	-18 02 02.2	1999 JL ₁₁₀	18.6	704
1997 KN ₄	1997 05 28.01227	14 54 39.68	-10 04 22.5	1999 XV ₂₂₆	20.3 V	1999 KC ₂₀	1999 05 18.19929	14 18 47.25	-18 01 59.8	1999 JL ₁₁₀	18.7	704
1997 KN ₄	1997 05 28.03731	14 54 38.45	-10 04 21.2	1999 XV ₂₂₆	20.2 V	1999 KC ₂₀	1999 05 18.21327	14 18 46.48	-18 01 59.6	1999 JL ₁₁₀	18.7	704
1997 NV ₁₁	* 1997 07 04.22747	16 03 57.99	-07 03 50.8	1997 MD ₇	18.6 V	1999 KD ₂₀	* 1999 05 23.21988	15 17 07.95	-14 16 22.9	1999 KU ₁₇	18.7 V	691
1997 NV ₁₁	1997 07 04.25643	16 03 57.59	-07 03 59.6	1997 MD ₇	18.7 V	1999 KD ₂₀	1999 05 23.24128	15 17 06.26	-14 16 20.8	1999 KU ₁₇	19.8 V	691
1997 NV ₁₁	1997 07 04.28438	16 03 57.24	-07 04 08.4	1997 MD ₇	18.7 V	1999 KD ₂₀	1999 05 23.26282	15 17 05.31	-14 16 20.6	1999 KU ₁₇	21.0 V	691
1997 VD ₉	* 1997 11 07.26097	03 47 32.60	+12 12 29.9	1998 CS ₂	18.5	1999 YN ₂₈	* 1999 12 31.39820	08 11 37.62	+21 54 21.8	1999 YB ₉	18.2 R	734
1997 VD ₉	1997 11 07.28107	03 47 31.54	+12 12 27.4	1998 CS ₂	18.3	1999 YN ₂₈	1999 12 31.40380	08 11 37.27	+21 54 23.3	1999 YB ₉	18.4 R	734
1997 VD ₉	1997 11 07.29699	03 47 30.67	+12 12 26.0	1998 CS ₂	18.3	1999 YN ₂₈	1999 12 31.40965	08 11 36.89	+21 54 25.1	1999 YB ₉	18.1 R	734
1997 VD ₉	1997 11 07.31291	03 47 29.80	+12 12 24.8	1998 CS ₂	704	2000 AG ₂₅₆	* 2000 01 13.26255	07 58 58.23	+22 43 01.4	1999 YB ₉		734
1997 VD ₉	1997 11 07.32902	03 47 28.95	+12 12 23.0	1998 CS ₂	704	2000 AG ₂₅₆	2000 01 13.26851	07 58 57.56	+22 43 03.1	1999 YB ₉	19.6 R	734
1998 QA ₁₁₁	* 1998 08 21.08339	04 35 50.85	+31 34 26.6	1998 QD ₁	118	2000 AG ₂₅₆	2000 01 13.28513	07 58 56.61	+22 43 07.0	1999 YB ₉		I 734
1998 QA ₁₁₁	1998 08 21.08588	04 35 50.99	+31 34 27.8	1998 QD ₁	118	2000 CF ₁₄₆	* 2000 02 09.86740	08 27 54.09	+20 52 15.4	2000 AX ₅	19.2	120
1998 QA ₁₁₁	1998 08 21.10312	04 35 51.98	+31 34 34.8	1998 QD ₁	16.8 R	2000 CF ₁₄₆	2000 02 09.88824	08 27 52.72	+20 52 22.5	2000 AX ₅		120
1998 WO ₄₃	* 1998 11 19.19080	02 07 07.94	+13 06 33.6	1998 VM ₄₆	19.2 V	2000 CG ₁₄₆	* 2000 02 03.32757	09 41 35.91	+16 30 16.0	2000 DD ₂₂	19.5	704
1998 WO ₄₃	1998 11 19.21221	02 07 07.06	+13 06 29.4	1998 VM ₄₆	19.3 V	2000 CG ₁₄₆	2000 02 03.34219	09 41 34.98	+16 30 17.6	2000 DD ₂₂	19.2	704
1998 WO ₄₃	1998 11 19.23363	02 07 06.16	+13 06 24.6	1998 VM ₄₆	19.3 V	2000 CG ₁₄₆	2000 02 03.35647	09 41 33.93	+16 30 19.8	2000 DD ₂₂	19.6	704
1998 WP ₄₃	* 1998 11 23.50586	09 14 17.28	+16 27 08.4	1998 WS ₃₅	20.2 V	2000 EW ₂₀₄	* 2000 03 04.25995	09 18 46.71	+23 07 17.7	1996 BJ ₁₄	19.6	704
1998 WP ₄₃	1998 11 23.52076	09 14 17.62	+16 27 07.0	1998 WS ₃₅	19.9 V	2000 EW ₂₀₄	2000 03 04.28685	09 18 45.45	+23 07 19.6	1996 BJ ₁₄	19.4	704
1998 WP ₄₃	1998 11 23.53576	09 14 18.06	+16 27 06.4	1998 WS ₃₅	20.3 V	2000 EW ₂₀₄	2000 03 04.30052	09 18 44.75	+23 07 20.8	1996 BJ ₁₄	19.3	704
1998 WQ ₄₃	* 1998 11 26.44238	09 12 43.14	+05 10 13.7	2001 OE ₄₉	19.0 R	2000 EX ₂₀₄	* 2000 03 15.92883	10 55 25.19	+09 49 05.4	2000 EO ₁₀₆	19.4 V	049
1998 WQ ₄₃	1998 11 26.46277	09 12 43.77	+05 10 03.2	2001 OE ₄₉	699	2000 EX ₂₀₄	2000 03 15.93775	10 55 24.72	+09 49 08.3	2000 EO ₁₀₆	18.8 V	049
1998 WQ ₄₃	1998 11 26.48311	09 12 44.33	+05 09 53.0	2001 OE ₄₉	699	2000 EX ₂₀₄	2000 03 15.94676	10 55 24.25	+09 49 11.2	2000 EO ₁₀₆	19.2 V	049
1998 YR ₃₂	* 1998 12 17.21153	04 21 33.40	+25 13 20.6	1998 XK ₃₁	18.4	2000 EY ₂₀₄	* 2000 03 12.28325	10 24 44.36	+19 58 48.4	2000 DC ₁₁₁	19.7	704
1998 YR ₃₂	1998 12 17.23477	04 21 32.01	+25 13 17.9	1998 XK ₃₁	18.6	2000 EY ₂₀₄	2000 03 12.29599	10 24 43.63	+19 58 50.7	2000 DC ₁₁₁	19.8	704
1998 YR ₃₂	1998 12 17.25788	04 21 30.58	+25 13 16.3	1998 XK ₃₁	19.4	2000 EY ₂₀₄	2000 03 12.30887	10 24 42.78	+19 58 52.3	2000 DC ₁₁₁	19.1	704
1998 YR ₃₂	1998 12 17.28113	04 21 29.07	+25 13 12.4	1998 XK ₃₁	18.7	2000 EY ₂₀₄	2000 03 12.32178	10 24 42.07	+19 58 54.2	2000 DC ₁₁₁	19.4	704
1998 YS ₃₂	* 1998 12 25.98505	04 25 02.29	+15 53 56.8	1997 GA ₂₃	20.3 V	2000 GL ₁₈₅	* 2000 04 07.31587	14 01 01.58	-10 57 38.7	1997 VQ ₆	17.7 R	699
1998 YS ₃₂	1998 12 26.00785	04 25 01.27	+15 53 55.6	1997 GA ₂₃	20.4 V	2000 GL ₁₈₅	2000 04 07.32773	14 01 01.10	-10 57 35.1	1997 VQ ₆		699
1998 YS ₃₂	1998 12 26.03031	04 25 00.29	+15 53 55.1	1997 GA ₂₃	20.6 V	2000 GL ₁₈₅	2000 04 07.33693	14 01 00.60	-10 57 32.8	1997 VQ ₆	18.3	704
1999 AY ₃₈	* 1999 01 10.28682	07 22 24.76	+27 37 12.8	1998 XE ₅₃	18.5 R	2000 GL ₁₈₅	2000 04 07.33954	14 01 00.48	-10 57 32.8	1997 VQ ₆		699
1999 AY ₃₈	1999 01 10.31448	07 22 22.89	+27 37 28.1	1998 XE ₅₃	699	2000 GL ₁₈₅	2000 04 07.35103	14 00 59.92	-10 57 28.1	1997 VQ ₆	18.9	704
1999 AY ₃₈	1999 01 10.33999	07 22 21.20	+27 37 41.1	1998 XE ₅₃	699	2000 GL ₁₈₅	2000 04 07.35144	14 00 59.94	-10 57 28.8	1997 VQ ₆		699
1999 CU ₁₅₈	* 1999 02 10.09516	07 32 53.38	+24 30 43.7	1998 XP ₂₁	18.6	2000 GL ₁₈₅	2000 04 07.36513	14 00 59.24	-10 57 24.8	1997 VQ ₆	19.0	704
1999 CU ₁₅₈	1999 02 10.11615	07 32 52.66	+24 30 47.1	1998 XP ₂₁	18.5	2000 GL ₁₈₅	2000 04 07.37922	14 00 58.46	-10 57 19.6	1997 VQ ₆	19.5	704
1999 CU ₁₅₈	1999 02 10.13718	07 32 51.96	+24 30 49.8	1998 XP ₂₁	18.5	2000 JR ₈₈	* 2000 05 13.33959	14 26 43.12	-14 48 25.2	2000 JL ₈₂	19.8 V	691
1999 CU ₁₅₈	1999 02 10.15824	07 32 51.20	+24 30 52.9	1998 XP ₂₁	18.9	2000 JR ₈₈	2000 05 13.36198	14 26 42.08	-14 48 20.1	2000 JL ₈₂	20.0 V	691

2000 JR ₈₈	2000 05 13.38419	14 26 41.06	-14 48 14.9	2000 JL ₈₂	20.2	V	691	2001 DA ₁₀₈	2001 02 21.25046	09 27 21.03	+16 44 12.9	1999 TP ₁₃₄	20.7	V	691
2000 JS ₈₈	* 2000 05 05.20494	12 01 56.18	-10 37 10.5	2000 JU ₇₀	18.7		704	2001 ES ₂₅	* 2001 03 02.26870	09 19 37.58	+17 12 46.6	1999 TP ₁₃₄	20.6	V	691
2000 JS ₈₈	2000 05 05.21758	12 01 55.87	-10 37 06.2	2000 JU ₇₀	18.7		704	2001 ES ₂₅	2001 03 02.29548	09 19 36.02	+17 12 46.6	1999 TP ₁₃₄	20.9	V	691
2000 JS ₈₈	2000 05 05.23067	12 01 55.68	-10 37 01.7	2000 JU ₇₀	18.9		704	2001 ES ₂₅	2001 03 02.32299	09 19 34.40	+17 12 46.7	1999 TP ₁₃₄	20.8	V	691
2000 JS ₈₈	2000 05 05.24327	12 01 55.46	-10 36 57.6	2000 JU ₇₀	18.7		704	2001 FZ ₁₉₂	* 2001 03 23.27543	12 29 22.45	-02 30 46.9	2001 FC ₁₂₅	19.3	R	699
2000 JS ₈₈	2000 05 05.25553	12 01 55.23	-10 36 53.7	2000 JU ₇₀	19.1		704	2001 FZ ₁₉₂	2001 03 23.29101	12 29 21.81	-02 30 42.3	2001 FC ₁₂₅			699
2000 LD ₃₇	* 2000 06 03.28243	14 03 42.06	-03 41 39.7	2000 KS ₈₂	20.5		608	2001 FZ ₁₉₂	2001 03 23.30660	12 29 21.17	-02 30 34.5	2001 FC ₁₂₅			699
2000 LD ₃₇	2000 06 03.29346	14 03 41.75	-03 41 40.1	2000 KS ₈₂	20.8		608	2001 FZ ₁₉₂	2001 03 23.32219	12 29 20.50	-02 30 29.9	2001 FC ₁₂₅			699
2000 LD ₃₇	2000 06 03.30361	14 03 41.51	-03 41 40.7	2000 KS ₈₂	20.9		608	2001 HF ₆₇	* 2001 04 24.30061	15 43 58.61	-09 12 03.5	2001 HT ₁₅	19.2	R	734
2000 LE ₃₇	* 2000 06 03.28041	13 53 18.67	-06 40 02.3	2000 KR ₈₂	20.9		608	2001 HF ₆₇	2001 04 24.31072	15 43 58.11	-09 12 00.7	2001 HT ₁₅	19.1	R	734
2000 LE ₃₇	2000 06 03.29147	13 53 18.38	-06 40 03.5	2000 KR ₈₂	21.3		608	2001 HF ₆₇	2001 04 24.32223	15 43 57.54	-09 11 58.4	2001 HT ₁₅	19.3	R	734
2000 LE ₃₇	2000 06 03.30161	13 53 18.09	-06 40 04.3	2000 KR ₈₂	20.8		608	2001 HF ₆₇	2001 04 24.32723	15 43 57.39	-09 11 57.6	2001 HT ₁₅	19.2	R	734
2000 LF ₃₇	* 2000 06 03.28041	13 54 05.39	-06 36 42.2	2000 KQ ₈₂	20.3		608	2001 LO ₁₉	* 2001 06 03.51581	20 48 18.60	+03 27 32.1	2001 KE ₆₈	20.5		608
2000 LF ₃₇	2000 06 03.29147	13 54 05.16	-06 36 44.0	2000 KQ ₈₂	20.2		608	2001 LO ₁₉	2001 06 03.52645	20 48 18.72	+03 27 36.7	2001 KE ₆₈	20.1		608
2000 LF ₃₇	2000 06 03.30161	13 54 04.91	-06 36 45.3	2000 KQ ₈₂	20.3		608	2001 LO ₁₉	2001 06 03.53710	20 48 18.89	+03 27 41.4	2001 KE ₆₈	20.0		608
2000 WU ₁₉₄	* 2000 11 21.07080	22 24 39.54	-12 48 24.1	4874 T-1	21.0	V	691	2001 NJ ₂₂	* 2001 07 13.33404	20 49 12.05	-24 42 22.8	2001 MY ₂₇	17.5		644
2000 WU ₁₉₄	2000 11 21.07597	22 24 39.72	-12 48 23.0	4874 T-1	21.0	V	691	2001 NJ ₂₂	2001 07 13.34436	20 49 11.59	-24 42 29.6	2001 MY ₂₇	17.6		644
2000 WU ₁₉₄	2000 11 21.08242	22 24 39.92	-12 48 21.0	4874 T-1	20.9	V	691	2001 NJ ₂₂	2001 07 13.35472	20 49 11.09	-24 42 36.5	2001 MY ₂₇	17.8		644
2000 WU ₁₉₄	2000 11 21.08794	22 24 40.10	-12 48 19.8	4874 T-1	20.9	V	691	2001 NK ₂₂	* 2001 07 03.54780	21 20 23.92	-11 20 26.8	2001 MP ₂₉	19.7		608
2000 WU ₁₉₄	2000 11 21.09199	22 24 40.22	-12 48 19.0	4874 T-1	20.9	V	691	2001 NK ₂₂	2001 07 03.55806	21 20 23.63	-11 20 25.3	2001 MP ₂₉	19.8		608
2000 WU ₁₉₄	2000 11 21.09615	22 24 40.37	-12 48 18.0	4874 T-1	21.0	V	691	2001 NK ₂₂	2001 07 03.56935	21 20 23.26	-11 20 21.3	2001 MP ₂₉	19.5		608
2001 BV ₈₁	* 2001 01 21.30799	08 04 20.48	+17 41 22.1	2000 YG ₄₈	18.8		704	2001 NL ₂₂	* 2001 07 13.24438	20 16 00.67	-21 57 09.0	2001 NU	19.8		644
2001 BV ₈₁	2001 01 21.32319	08 04 19.59	+17 41 26.2	2000 YG ₄₈	19.6		704	2001 NL ₂₂	2001 07 13.25678	20 15 59.88	-21 57 05.1	2001 NU	19.2		644
2001 BV ₈₁	2001 01 21.35350	08 04 17.70	+17 41 33.8	2000 YG ₄₈	19.6		704	2001 NL ₂₂	2001 07 13.26696	20 15 59.23	-21 57 02.0	2001 NU	19.2		644
2001 BV ₈₁	2001 01 21.36864	08 04 16.84	+17 41 36.8	2000 YG ₄₈	19.8		704	2001 OZ ₈₃	* 2001 07 17.24903	21 22 49.61	+00 08 27.2	2001 LA ₁₉	19.5	R	699
2001 BW ₈₁	* 2001 01 17.49468	08 59 56.11	-07 00 44.5	2000 YM ₃₀	20.0		608	2001 OZ ₈₃	2001 07 17.25296	21 22 49.48	+00 08 27.2	2001 LA ₁₉			699
2001 BW ₈₁	2001 01 17.50563	08 59 55.63	-07 00 44.6	2000 YM ₃₀	20.2		608	2001 OZ ₈₃	2001 07 17.25689	21 22 49.35	+00 08 26.1	2001 LA ₁₉			699
2001 BW ₈₁	2001 01 17.51680	08 59 55.17	-07 00 44.8	2000 YM ₃₀	20.0		608	2001 OZ ₈₃	2001 07 17.26082	21 22 49.13	+00 08 25.8	2001 LA ₁₉			699
2001 CB ₄₉	* 2001 02 02.30714	10 44 42.84	+08 32 11.4	1998 QW ₁₀₂	17.8		704	2001 OO ₁₀₄	* 2001 07 30.40932	21 24 28.45	-28 14 26.5	2001 OJ ₃₁	19.2		644
2001 CB ₄₉	2001 02 02.31039	10 44 42.70	+08 32 13.3	1998 QW ₁₀₂	17.6		704	2001 OO ₁₀₄	2001 07 30.42034	21 24 27.73	-28 14 27.5	2001 OJ ₃₁	19.2		644
2001 CB ₄₉	2001 02 02.32202	10 44 42.29	+08 32 16.3	1998 QW ₁₀₂	18.3		704	2001 OO ₁₀₄	2001 07 30.43123	21 24 27.05	-28 14 28.6	2001 OJ ₃₁	19.9		644
2001 CB ₄₉	2001 02 02.32562	10 44 42.18	+08 32 18.0	1998 QW ₁₀₂	17.9		704	2001 OC ₁₀₈	* 2001 07 18.17826	20 07 32.43	-12 46 40.5	2001 NK	17.9	R	735
2001 CB ₄₉	2001 02 02.33693	10 44 41.78	+08 32 22.1	1998 QW ₁₀₂	17.9		704	2001 OC ₁₀₈	2001 07 18.18826	20 07 31.81	-12 46 40.8	2001 NK	18.0	R	735
2001 CB ₄₉	2001 02 02.34151	10 44 41.60	+08 32 23.5	1998 QW ₁₀₂	17.6		704	2001 OC ₁₀₈	2001 07 18.20229	20 07 31.08	-12 46 41.5	2001 NK	18.5	R	735
2001 CB ₄₉	2001 02 02.35184	10 44 41.31	+08 32 27.6	1998 QW ₁₀₂	18.0		704	2001 OD ₁₀₈	* 2001 07 19.57731	21 09 51.76	-10 27 00.4	2001 OQ ₄₆	20.2		608
2001 CB ₄₉	2001 02 02.35614	10 44 41.14	+08 32 29.5	1998 QW ₁₀₂	17.6		704	2001 OD ₁₀₈	2001 07 19.58764	21 09 51.24	-10 26 59.6	2001 OQ ₄₆	19.4		608
2001 CB ₄₉	2001 02 02.36675	10 44 40.74	+08 32 33.0	1998 QW ₁₀₂	17.7		704	2001 OD ₁₀₈	2001 07 19.59865	21 09 50.68	-10 26 58.1	2001 OQ ₄₆	19.4		608
2001 CB ₄₉	2001 02 02.37174	10 44 40.48	+08 32 34.1	1998 QW ₁₀₂	18.2		704	2001 OE ₁₀₈	* 2001 07 21.23649	20 36 25.87	-24 32 06.1	2001 NR ₁₇	18.0		644
2001 DF ₁₀₇	* 2001 02 19.31556	10 04 03.87	+14 19 08.1	2001 DR ₁₄	20.4	V	926	2001 OE ₁₀₈	2001 07 21.24778	20 36 25.22	-24 32 10.7	2001 NR ₁₇	18.3		644
2001 DF ₁₀₇	2001 02 19.31863	10 04 03.69	+14 19 08.2	2001 DR ₁₄	20.4	V	926	2001 OE ₁₀₈	2001 07 21.26052	20 36 24.44	-24 32 15.8	2001 NR ₁₇	18.3		644
2001 DF ₁₀₇	2001 02 19.32147	10 04 03.53	+14 19 09.0	2001 DR ₁₄	20.5	V	926	2001 OF ₁₀₈	* 2001 07 27.52970	19 58 40.44	-13 03 01.7	2001 OF ₆₀	19.9		608
2001 DF ₁₀₇	2001 02 19.32272	10 04 03.43	+14 19 09.1	2001 DR ₁₄	20.3	V	926	2001 OF ₁₀₈	2001 07 27.53990	19 58 39.85	-13 03 03.0	2001 OF ₆₀	19.5		608
2001 DF ₁₀₇	2001 02 19.32605	10 04 03.23	+14 19 09.9	2001 DR ₁₄	20.4	V	926	2001 OF ₁₀₈	2001 07 27.55051	19 58 39.24	-13 03 04.6	2001 OF ₆₀	19.7		608
2001 DF ₁₀₇	2001 02 19.33103	10 04 02.93	+14 19 11.2	2001 DR ₁₄	19.7	V	926	2001 OH ₁₀₈	* 2001 07 25.30408	21 44 56.19	-24 00 45.0	2001 OK ₃₅	20.4		644
2001 DZ ₁₀₇	* 2001 02 22.30829	10 29 42.98	+09 47 29.5	1999 TP ₂₂₁	18.6		704	2001 OH ₁₀₈	2001 07 25.31474	21 44 55.62	-24 00 47.8	2001 OK ₃₅	21.1		644
2001 DZ ₁₀₇	2001 02 22.32237	10 29 42.15	+09 47 34.0	1999 TP ₂₂₁	19.3		704	2001 OH ₁₀₈	2001 07 25.32539	21 44 55.04	-24 00 49.6	2001 OK ₃₅	19.8		644
2001 DZ ₁₀₇	2001 02 22.32280	10 29 42.19	+09 47 33.9	1999 TP ₂₂₁	19.0	R	688	2001 OV ₁₀₈	* 2001 07 27.56894	21 38 22.71	-15 57 02.9	2001 OZ ₆₀	20.7		608
2001 DZ ₁₀₇	2001 02 22.33646	10 29 41.38	+09 47 37.8	1999 TP ₂₂₁	19.2		704	2001 OV ₁₀₈	2001 07 27.57977	21 38 22.27	-15 57 06.3	2001 OZ ₆₀	20.5		608
2001 DZ ₁₀₇	2001 02 22.34581	10 29 40.88	+09 47 38.7	1999 TP ₂₂₁			688	2001 OV ₁₀₈	2001 07 27.59070	21 38 21.94	-15 57 10.3	2001 OZ ₆₀	20.3		608
2001 DZ ₁₀₇	2001 02 22.35054	10 29 40.55	+09 47 41.3	1999 TP ₂₂₁	18.8		704	2001 OW ₁₀₈	* 2001 07 24.39465	20 45 26.50	-11 43 40.6	2001 OP ₂₅	20.0		608
2001 DZ ₁₀₇	2001 02 22.36466	10 29 39.71	+09 47 43.7	1999 TP ₂₂₁	19.5		704	2001 OW ₁₀₈	2001 07 24.40525	20 45 25.82	-11 43 42.7	2001 OP ₂₅	20.0		608
2001 DA ₁₀₈	* 2001 02 21.18989	09 27 24.61	+16 44 03.2	1999 TP ₁₃₄	20.4	V	691	2001 OW ₁₀₈	2001 07 24.41549	20 45 25.15	-11 43 43.9	2001 OP ₂₅	19.3		608
2001 DA ₁₀₈	2001 02 21.21935	09 27 22.86	+16 44 08.2	1999 TP ₁₃₄	20.6	V	691	2001 PZ ₄₇	* 2001 08 13.37930	22 56 21.18	-03 11 55.5	2001 MJ ₁₃	18.9		608

2001 PZ ₄₇	2001 08 13.38989	22 56 20.80	-03 11 57.5	2001 MJ ₁₃	18.8	608
2001 PZ ₄₇	2001 08 13.40052	22 56 20.43	-03 11 58.7	2001 MJ ₁₃	18.8	608
2001 PC ₄₉	* 2001 08 08.19516	19 33 00.50	-20 15 07.7	2001 MK ₁₈	19.6	644
2001 PC ₄₉	2001 08 08.20526	19 33 00.09	-20 15 08.5	2001 MK ₁₈	19.1	644
2001 PC ₄₉	2001 08 08.21543	19 32 59.69	-20 15 09.1	2001 MK ₁₈	19.4	644
2001 PD ₄₉	* 2001 08 10.53347	21 47 54.33	-15 31 55.5	2001 OQ ₈₉	19.7	608
2001 PD ₄₉	2001 08 10.54387	21 47 53.76	-15 31 54.9	2001 OQ ₈₉	19.2	608
2001 PD ₄₉	2001 08 10.55460	21 47 53.05	-15 31 53.7	2001 OQ ₈₉	19.5	608
2001 PE ₄₉	* 2001 08 14.38282	21 30 13.13	-07 39 31.2	2001 OK ₅₀	20.1	608
2001 PE ₄₉	2001 08 14.39302	21 30 12.62	-07 39 35.1	2001 OK ₅₀	20.5	608
2001 PE ₄₉	2001 08 14.40429	21 30 12.04	-07 39 39.5	2001 OK ₅₀	20.4	608
2001 PO ₅₀	* 2001 08 02.56351	21 09 39.25	-08 25 27.2	2001 OT ₈₁	19.0	608
2001 PO ₅₀	2001 08 02.57433	21 09 38.79	-08 25 29.6	2001 OT ₈₁	19.1	608
2001 PO ₅₀	2001 08 02.58512	21 09 38.26	-08 25 31.2	2001 OT ₈₁	19.3	608
2001 PP ₅₀	* 2001 08 04.26004	21 58 47.13	+12 08 55.2	2001 ON ₉₁	17.9	644
2001 PP ₅₀	2001 08 04.27086	21 58 46.64	+12 08 56.3	2001 ON ₉₁	18.0	644
2001 PP ₅₀	2001 08 04.28192	21 58 46.10	+12 08 57.7	2001 ON ₉₁	18.0	644
2001 PQ ₅₀	* 2001 08 14.51011	23 23 52.45	-12 06 45.5	2001 OZ ₇₈	21.3	608
2001 PQ ₅₀	2001 08 14.52099	23 23 52.03	-12 06 50.2	2001 OZ ₇₈	20.5	608
2001 PQ ₅₀	2001 08 14.53181	23 23 51.68	-12 06 54.8	2001 OZ ₇₈	20.6	608
2001 PR ₅₀	* 2001 08 09.28482	21 12 57.83	-23 02 07.4	2001 PL ₁	19.0	644
2001 PR ₅₀	2001 08 09.29546	21 12 57.31	-23 02 10.8	2001 PL ₁	19.0	644
2001 PR ₅₀	2001 08 09.30608	21 12 56.72	-23 02 13.5	2001 PL ₁	18.9	644
2001 PT ₅₀	* 2001 08 01.33087	22 10 10.40	-23 14 25.5	2001 OH ₈₃	17.3	644
2001 PT ₅₀	2001 08 01.34147	22 10 10.02	-23 14 33.3	2001 OH ₈₃	17.5	644
2001 PT ₅₀	2001 08 01.35218	22 10 09.66	-23 14 40.7	2001 OH ₈₃	17.3	644

IDENTIFICATIONS

The following identifications with numbered minor planets continue the list on MPC 43095:

	Note		Note		
1949 OU	= (26905)	1	1958 VQ	= (26978)	1
1958 VQ	= (26978)	2	1971 BR ₃	= (27583)	1
1976 SS ₁₀	= (27136)	1	1976 YV ₅	= (27535)	1
1979 HX ₂	= (27064)	1	1979 SF ₆	= (27500)	1
1979 WE ₁	= (27120)	1	1980 FN ₈	= (26987)	1
1983 AM ₅	= (27204)	1	1984 UX ₄	= (27421)	1
1985 YN	= (27026)	1	1985 YN	= (27026)	2
1986 WG ₄	= (26842)	1	1986 WD ₁₁	= (27020)	1
1987 FQ	= (27082)	1	1987 RD ₄	= (27072)	1
1987 SJ ₁₈	= (27455)	1	1988 RW ₄	= (27070)	1
1990 DF ₄	= (27076)	1	1990 SO ₁₂	= (27619)	1
1996 BA ₁₆	= (27619)	1	1997 KN ₄	= (27622)	1
2000 GL ₁₈₅	= (27145)	1			

Note 1: by G. V. Williams. 2: by M. E. Sansaturio.

IDENTIFICATION WITH A COMET

The following identification with a comet, by S. Nakano, continues the list on MPC 42649:

1999 VF₂₀₅ = C/1999 T3 (LINEAR)

OBSERVATIONS OF COMETS

Observations are published here for the following observatory codes:

- 046 Kleť. 0.57-m $f/5.2$ reflector + CCD. Observers J. Tichá, M. Tichý, M. Kočer and P. Jelínek.
- 049 Kvistaberg. 1.0-m Schmidt + CCD. Observers T. Oja, O. Karlsson, C.-I. Lagerkvist, J. Warell and B. Davidsson. Measured by J. Warell, C.-I. Lagerkvist, A. Erikson, G. Hahn and S. Mottola.
- 107 Cavezzo. 0.40-m $f/5.5$ reflector + CCD. Observer M. Nicolini.
- 118 Modra. 0.6-m $f/5.5$ reflector + CCD. Observers A. Galád, Š. Gajdoš and P. Kolény.
- 127 Bornheim. 0.19-m $f/4$ reflector + CCD. Observer N. Ehring.
- 143 Gnosca. 0.20-m $f/6.3$ reflector + CCD. Observer S. Sposetti.
- 145 's-Gravenwezel. 0.20-m $f/3.4$ Schmidt-Cassegrain + CCD. Observer T. Alderweireldt.
- 151 Winterthur. 0.40-m $f/5.9$ hypergraph + CCD. Observer M. Griesser.
- 157 Frasso Sabino. 0.20-m $f/6.3$ Schmidt-Cassegrain + CCD. Observers F. Anzellini and R. Haver.
- 160 Castelmartini. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD. Observer E. Prosperì.
- 170 Begues. 0.26-m Schmidt-Cassegrain + CCD. Observer J. Manteca.
- 185 Observatoire astronomique jurassien-Vicques. 0.61-m $f/3.39$ reflector + CCD. Observers M. Ory, C. Demeautis, H. Lehmann, C. Lovis, D. Matter and C. Rinner.
- 204 Schiaparelli Observatory. 0.6-m $f/2.75$ reflector + CCD. Observer L. Buzzi. Measured by F. Bellini.
- 213 Observatorio Montcabre. 0.25-m $f/3.3$ Schmidt-Cassegrain + CCD. Observer R. Naves N.
- 215 Buchloe. 0.44-m $f/4.6$ reflector + CCD. Observer W. Hasubick.
- 232 Masquefa Observatory. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD. Observer E. Reina L.
- 234 Coddensham. 0.36-m Schmidt-Cassegrain + CCD. Observer T. Boles.
- 235 Talmassons. 0.35-m $f/3.5$ reflector + CCD. Observer R. Ligustri.
- 249 SOHO. SOHO-LASCO coronagraphs C3 and C2. Measured by D. Hammer. Reduction by B. G. Marsden.
- 300 BATTeRS. 0.50-m $f/2.0$ reflector + CCD. Observers A. Asami, D. J. Asher, S. Hashimoto, S. Isobe, S. Nakano, Y. Oshima, J. Terazono, T. Urata and M. Yoshikawa.
- 320 Chiro Observatory. 0.3-m $f/6$ reflector + CCD. Observer M. L. Clark.
- 322 Perth Observatory, Bickley-MCT. 0.25-m $f/4.5$ reflector + CCD. Observers J. D. Biggs, T. Smith, G. Lowe and S. Walsh.
- 340 Toyonaka. 0.3-m $f/6.0$ reflector + CCD. Observer Y. Ezaki.
- 342 Shishikui. 0.15-m $f/5.0$ refractor + CCD. Observer H. Maeno.
- 349 Ageo. 0.18-m $f/5.5$ reflector + CCD. Observer K. Kadota.
- 360 Kuma Kogen. 0.60-m $f/5.8$ Ritchey-Chrétien + CCD. Observer A. Nakamura.
- 372 Geisei. 0.60-m $f/3.5$ reflector. Observer T. Seki. In part from *Orient. Astron. Assoc. Comet Bull.*
- 402 Dyncic Astronomical Observatory. 0.60-m $f/3.7$ reflector + CCD. Observer A. Sugie.
- 413 Siding Spring. 1.0-m $f/8$ reflector + CCD. Observer R. H. McNaught.
- 422 Loomberah. 0.25-m reflector + CCD. Observer G. J. Garradd.

C/1999 T1	2001 07 26.18061	16 26 08.44	+69 58 54.3	16.2 T	762
C/1999 T1	2001 07 26.19320	16 26 08.42	+69 58 42.1		762
C/1999 T1	2001 07 27.23872	16 26 14.14	+69 44 57.9	17.4 T	762
C/1999 T1	2001 07 27.24533	16 26 14.35	+69 44 52.3	17.3 T	762
C/1999 T1	2001 07 31.23580	16 27 01.25	+68 51 37.7		642
C/1999 T1	2001 07 31.24049	16 27 01.19	+68 51 35.2		642
C/1999 T1	2001 07 31.25062	16 27 01.48	+68 51 26.2		642
C/1999 T1	2001 08 03.86595	16 28 15.68	+68 02 17.3	16.0 T	170
C/1999 T1	2001 08 03.87480	16 28 15.67	+68 02 09.6	15.9 T	170
C/1999 T1	2001 08 08.16730	16 30 18.65	+67 02 56.7	17.9 T	704
C/1999 T1	2001 08 08.17959	16 30 18.99	+67 02 47.1	18.1 T	704
C/1999 T1	2001 08 08.19267	16 30 19.44	+67 02 34.5	18.2 T	704
C/1999 T1	2001 08 12.93737	16 33 13.68	+65 56 13.3	16.7 T	170
C/1999 T1	2001 08 12.94064	16 33 13.64	+65 56 11.2	16.7 T	170
C/1999 T1	2001 08 14.13470	16 34 03.16	+65 39 23.5		762
C/1999 T1	2001 08 14.14061	16 34 03.73	+65 39 18.1		762
C/1999 T1	2001 08 14.14746	16 34 03.98	+65 39 14.4		762
C/1999 T1	2001 08 17.87384	16 36 52.25	+64 46 36.5	16.7 T	170
C/1999 T1	2001 08 17.87951	16 36 52.50	+64 46 30.9	16.7 T	170
C/1999 T1	2001 08 18.16860	16 37 06.40	+64 42 25.2	16.3 T	762
C/1999 T1	2001 08 18.18006	16 37 07.39	+64 42 13.7	16.6 T	762
C/1999 T1	2001 08 21.14152	16 39 36.42	+64 00 17.3		762
C/1999 T1	2001 08 21.15440	16 39 37.18	+64 00 06.9		762
C/1999 T1	2001 08 22.48868	16 40 47.38	+63 41 11.2	16.1 T	360
C/1999 T1	2001 08 22.49147	16 40 47.53	+63 41 08.8		360
C/1999 T1	2001 08 27.09940	16 45 07.56	+62 35 46.8	17.2 T	762
C/1999 T1	2001 08 27.10680	16 45 08.34	+62 35 41.2	17.2 T	762

C/1999 T2 (LINEAR)

C/1999 T2	2001 08 23.45414	13 01 08.31	+07 34 41.9	15.1 T	402
C/1999 T2	2001 08 23.45678	13 01 08.42	+07 34 37.6		402
C/1999 T2	2001 08 23.45942	13 01 08.53	+07 34 37.6		402

C/1999 T3 (LINEAR)

C/1999 T3	1999 11 11.36803	02 40 05.15	+15 44 57.2	17.3 N	1 703
C/1999 T3	1999 11 11.38034	02 40 04.49	+15 44 49.2	17.2 N	1 703
C/1999 T3	1999 11 11.39261	02 40 03.94	+15 44 40.9	17.3 N	1 703
C/1999 T3	1999 11 11.40487	02 40 03.33	+15 44 33.5	17.0 N	1 703
C/1999 T3	1999 11 12.28667	02 39 21.66	+15 35 04.3	17.6 N	1 704
C/1999 T3	1999 11 12.30100	02 39 20.99	+15 34 56.6	17.5 N	1 704
C/1999 T3	1999 11 12.31549	02 39 20.28	+15 34 47.3	17.7 N	1 704
C/1999 T3	1999 11 12.32980	02 39 19.60	+15 34 37.4	17.5 N	1 704
C/1999 T3	1999 11 12.34410	02 39 18.93	+15 34 27.9	17.8 N	1 704

C/1999 U4 (Catalina-Skiff)

C/1999 U4	2001 08 22.64895	07 32 08.64	+64 53 00.7		349
C/1999 U4	2001 08 22.65166	07 32 08.95	+64 53 00.5	16.1 T	349

C/1999 Y1 (LINEAR)

C/1999 Y1	2001 08 03.74671	00 38 02.52	-31 42 18.5		349
C/1999 Y1	2001 08 03.74773	00 38 02.47	-31 42 21.0		349
C/1999 Y1	2001 08 03.74888	00 38 02.35	-31 42 23.0	14.1 T	349
C/1999 Y1	2001 08 12.28696	00 25 19.86	-36 05 54.4	12.5 T	860
C/1999 Y1	2001 08 12.29116	00 25 19.31	-36 06 01.4	12.6 T	860
C/1999 Y1	2001 08 12.29878	00 25 18.41	-36 06 14.2	12.5 T	860

C/1999 Y1	2001 08 13.13810	00 23 52.94	-36 32 01.4	13.6 T	844
C/1999 Y1	2001 08 13.14821	00 23 51.90	-36 32 19.9	13.5 T	844
C/1999 Y1	2001 08 13.15171	00 23 51.48	-36 32 26.5	13.7 T	844
C/1999 Y1	2001 08 14.71764	00 21 05.84	-37 20 23.8	13.3 T	402
C/1999 Y1	2001 08 14.72024	00 21 05.54	-37 20 28.7		402
C/1999 Y1	2001 08 14.72285	00 21 05.27	-37 20 33.2		402
C/1999 Y1	2001 08 15.68522	00 19 19.99	-37 49 45.4		474
C/1999 Y1	2001 08 15.68657	00 19 19.84	-37 49 47.6		474
C/1999 Y1	2001 08 15.68918	00 19 19.57	-37 49 52.8		474
C/1999 Y1	2001 08 22.66744	00 05 19.62	-41 15 46.8	12.4 T	349
C/1999 Y1	2001 08 22.66884	00 05 19.43	-41 15 49.2		349
C/1999 Y1	2001 08 22.67504	00 05 18.61	-41 16 00.0		349
C/1999 Y1	2001 08 22.67607	00 05 18.48	-41 16 01.6		349

C/2000 CT₅₄ (LINEAR)

C/2000 CT ₅₄	2001 07 31.67907	00 38 24.58	-74 02 10.3	15.2 T	428
C/2000 CT ₅₄	2001 07 31.68527	00 38 23.94	-74 02 11.2	15.2 T	428
C/2000 CT ₅₄	2001 08 12.20218	00 15 01.39	-74 14 02.4		860
C/2000 CT ₅₄	2001 08 12.21736	00 14 59.23	-74 14 01.3		860
C/2000 CT ₅₄	2001 08 12.23252	00 14 57.10	-74 14 00.9		860
C/2000 CT ₅₄	2001 08 13.06896	00 12 56.52	-74 13 24.8	15.7 T	844
C/2000 CT ₅₄	2001 08 13.08503	00 12 54.41	-74 13 22.5	15.7 T	844
C/2000 CT ₅₄	2001 08 13.09384	00 12 52.64	-74 13 21.0	15.9 T	844
C/2000 CT ₅₄	2001 08 15.67373	00 06 24.35	-74 09 58.8		474
C/2000 CT ₅₄	2001 08 15.67720	00 06 23.90	-74 09 58.3		474
C/2000 CT ₅₄	2001 08 15.68218	00 06 23.10	-74 09 57.9		474

C/2000 K2 (LINEAR)

C/2000 K2	2001 07 28.39311	02 02 16.02	+11 20 59.2	15.7 T	699
C/2000 K2	2001 07 28.41508	02 02 16.57	+11 20 56.6		699
C/2000 K2	2001 07 28.43704	02 02 17.16	+11 20 53.9		699
C/2000 K2	2001 07 28.45909	02 02 17.64	+11 20 50.6		699
C/2000 K2	2001 08 24.41465	02 08 05.72	+09 46 51.1	17.6 T	704
C/2000 K2	2001 08 24.42758	02 08 05.85	+09 46 46.6	20.1 T	704
C/2000 K2	2001 08 24.44063	02 08 05.83	+09 46 42.1	19.2 T	704
C/2000 K2	2001 08 24.45358	02 08 05.57	+09 46 35.3	18.8 T	704
C/2000 K2	2001 08 25.37819	02 08 05.23	+09 42 10.3	16.6 T	644
C/2000 K2	2001 08 25.39925	02 08 05.19	+09 42 04.1	16.5 T	644
C/2000 K2	2001 08 25.42072	02 08 05.16	+09 41 57.9	16.6 T	644
C/2000 K2	2001 08 26.42359	02 08 03.67	+09 36 59.8	16.3 T	644
C/2000 K2	2001 08 26.43443	02 08 03.61	+09 36 56.0	16.3 T	644
C/2000 K2	2001 08 26.44512	02 08 03.56	+09 36 53.2	16.2 T	644

C/2000 OF₈ (Spacewatch)

C/2000 OF ₈	2001 07 28.94787	12 17 33.97	-29 40 53.9	15.4 T	844
C/2000 OF ₈	2001 07 28.95123	12 17 33.84	-29 40 46.6	15.4 T	844
C/2000 OF ₈	2001 07 28.99565	12 17 32.44	-29 40 01.6	15.1 T	844
C/2000 OF ₈	2001 08 01.52120	12 15 46.14	-28 43 30.1		322
C/2000 OF ₈	2001 08 01.52631	12 15 45.96	-28 43 26.1		322
C/2000 OF ₈	2001 08 01.53132	12 15 45.54	-28 43 16.8		322

C/2000 SV₇₄ (LINEAR)

C/2000 SV ₇₄	2001 08 03.03435	02 18 14.89	+41 23 05.6	15.2 T	170
C/2000 SV ₇₄	2001 08 03.04734	02 18 14.95	+41 23 17.1	15.2 T	170
C/2000 SV ₇₄	2001 08 03.05233	02 18 15.03	+41 23 21.5	15.2 T	170

C/2000 WM ₁	2001 08 13.11525	04 12 14.96	+49 12 04.0	16.1 T	620
C/2000 WM ₁	2001 08 13.47006	04 12 41.77	+49 13 05.3		658
C/2000 WM ₁	2001 08 13.47354	04 12 42.02	+49 13 05.9		658
C/2000 WM ₁	2001 08 13.47859	04 12 42.40	+49 13 07.0		658
C/2000 WM ₁	2001 08 13.99137	04 13 20.95	+49 14 37.6	15.7 N	170
C/2000 WM ₁	2001 08 13.99654	04 13 21.45	+49 14 38.9	15.6 N	170
C/2000 WM ₁	2001 08 15.03456	04 14 39.19	+49 17 44.4	15.4 T	941
C/2000 WM ₁	2001 08 15.03734	04 14 39.40	+49 17 45.0	15.4 T	941
C/2000 WM ₁	2001 08 15.04146	04 14 39.72	+49 17 45.5	15.4 T	941
C/2000 WM ₁	2001 08 15.04433	04 14 39.96	+49 17 46.5	15.4 T	941
C/2000 WM ₁	2001 08 15.04713	04 14 40.18	+49 17 46.9	15.4 T	941
C/2000 WM ₁	2001 08 15.73160	04 15 31.29	+49 19 48.7	16.0 T	372
C/2000 WM ₁	2001 08 17.05444	04 17 09.09	+49 23 42.3	15.3 N	170
C/2000 WM ₁	2001 08 17.05624	04 17 09.40	+49 23 42.5	15.3 N	170
C/2000 WM ₁	2001 08 17.05890	04 17 09.52	+49 23 43.3	13.3 N	170
C/2000 WM ₁	2001 08 17.06519	04 17 10.07	+49 23 44.3	15.3 N	170
C/2000 WM ₁	2001 08 18.03852	04 18 21.50	+49 26 36.3	16.5 T	939
C/2000 WM ₁	2001 08 18.04625	04 18 22.17	+49 26 37.0	16.5 T	939
C/2000 WM ₁	2001 08 18.05978	04 18 23.14	+49 26 38.3	16.0 T	939
C/2000 WM ₁	2001 08 19.04249	04 19 35.08	+49 29 30.4	15.7 T	232
C/2000 WM ₁	2001 08 19.04966	04 19 35.52	+49 29 32.4	15.7 T	232
C/2000 WM ₁	2001 08 19.10192	04 19 39.28	+49 29 41.9	15.8 T	939
C/2000 WM ₁	2001 08 19.11443	04 19 40.08	+49 29 44.6	15.7 T	939
C/2000 WM ₁	2001 08 19.12144	04 19 40.72	+49 29 46.4	15.6 N	952
C/2000 WM ₁	2001 08 19.12361	04 19 40.86	+49 29 46.9	15.6 N	952
C/2000 WM ₁	2001 08 19.12685	04 19 41.09	+49 29 47.1	15.6 N	952
C/2000 WM ₁	2001 08 19.12821	04 19 41.24	+49 29 47.4	15.7 N	952
C/2000 WM ₁	2001 08 21.04155	04 21 59.43	+49 35 19.0	15.3 N	232
C/2000 WM ₁	2001 08 21.07390	04 22 01.83	+49 35 25.1	15.3 N	232
C/2000 WM ₁	2001 08 21.13407	04 22 06.02	+49 35 36.5	15.2 N	170
C/2000 WM ₁	2001 08 21.14034	04 22 06.46	+49 35 37.6	15.1 N	170
C/2000 WM ₁	2001 08 22.09074	04 23 14.38	+49 38 22.5	15.7 T	939
C/2000 WM ₁	2001 08 22.09755	04 23 14.87	+49 38 22.6		620
C/2000 WM ₁	2001 08 22.09851	04 23 14.95	+49 38 23.5	15.7 T	939
C/2000 WM ₁	2001 08 22.10280	04 23 15.31	+49 38 23.8	15.1 T	941
C/2000 WM ₁	2001 08 22.10408	04 23 15.21	+49 38 23.9		620
C/2000 WM ₁	2001 08 22.10582	04 23 15.65	+49 38 24.4	15.1 T	941
C/2000 WM ₁	2001 08 22.10822	04 23 15.57	+49 38 24.7	15.4 T	939
C/2000 WM ₁	2001 08 22.10862	04 23 15.69	+49 38 25.0	15.1 T	941
C/2000 WM ₁	2001 08 22.11041	04 23 15.66	+49 38 24.9	16.2 T	620
C/2000 WM ₁	2001 08 22.11153	04 23 15.91	+49 38 25.3	15.1 T	941
C/2000 WM ₁	2001 08 22.62831	04 23 52.57	+49 39 53.3	14.9 T	340
C/2000 WM ₁	2001 08 22.62914	04 23 52.68	+49 39 53.4		342
C/2000 WM ₁	2001 08 22.63202	04 23 52.90	+49 39 53.4		340
C/2000 WM ₁	2001 08 22.63683	04 23 53.20	+49 39 54.1		340
C/2000 WM ₁	2001 08 22.71233	04 23 58.61	+49 40 08.6		342
C/2000 WM ₁	2001 08 22.72127	04 23 59.24	+49 40 09.5		342
C/2000 WM ₁	2001 08 22.75030	04 24 01.12	+49 40 15.1	14.8 T	349
C/2000 WM ₁	2001 08 22.75216	04 24 01.28	+49 40 15.5		349
C/2000 WM ₁	2001 08 22.75403	04 24 01.44	+49 40 16.1		349
C/2000 WM ₁	2001 08 22.75590	04 24 01.56	+49 40 16.3		349
C/2000 WM ₁	2001 08 23.08961	04 24 25.04	+49 41 13.0	15.2 N	170
C/2000 WM ₁	2001 08 23.09358	04 24 25.46	+49 41 14.0	15.2 N	170

C/2000 WM ₁	2001 08 23.12535	04 24 27.71	+49 41 19.5		232
C/2000 WM ₁	2001 08 23.16927	04 24 30.70	+49 41 27.4	15.2 T	232
C/2000 WM ₁	2001 08 23.39154	04 24 46.48	+49 42 05.1	15.8 T	921
C/2000 WM ₁	2001 08 23.41456	04 24 47.56	+49 42 12.6	16.0 T	2 921
C/2000 WM ₁	2001 08 23.99722	04 25 29.20	+49 43 48.5	15.4 N	235
C/2000 WM ₁	2001 08 23.99729	04 25 29.20	+49 43 48.5	15.4 N	235
C/2000 WM ₁	2001 08 24.11084	04 25 36.90	+49 44 07.8	15.2 N	170
C/2000 WM ₁	2001 08 24.11411	04 25 37.07	+49 44 08.4	15.2 N	170
C/2000 WM ₁	2001 08 24.11672	04 25 37.27	+49 44 09.0	15.2 N	170
C/2000 WM ₁	2001 08 25.05609	04 26 42.85	+49 46 47.8	15.2 T	941
C/2000 WM ₁	2001 08 25.05887	04 26 43.04	+49 46 48.0	15.2 T	941
C/2000 WM ₁	2001 08 25.06182	04 26 43.18	+49 46 48.6	15.1 T	941
C/2000 WM ₁	2001 08 25.06479	04 26 43.47	+49 46 49.3	15.1 T	941
C/2000 WM ₁	2001 08 25.38449	04 27 05.58	+49 47 43.9	15.4 T	921
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C/2000 WM ₁	2001 08 26.04736	04 27 51.39	+49 49 33.9	15.1 N	235
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C/2000 WM ₁	2001 08 26.08303	04 27 53.55	+49 49 41.0		232
C/2000 WM ₁	2001 08 26.10509	04 27 55.14	+49 49 44.6		232
C/2000 WM ₁	2001 08 27.13025	04 29 05.15	+49 52 36.8	15.3 N	170
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C/2001 A2-B	2001 08 26.85936	20 05 31.89	+19 24 20.2		046
C/2001 A2-B	2001 08 26.86034	20 05 31.85	+19 24 19.7		046
C/2001 A2-B	2001 08 26.86498	20 05 31.73	+19 24 18.0	13.8 N	213
C/2001 A2-B	2001 08 26.86950	20 05 31.47	+19 24 15.7	13.8 N	213
C/2001 A2-B	2001 08 26.87459	20 05 31.23	+19 24 13.9	13.8 N	213
C/2001 A2-B	2001 08 26.87694	20 05 31.14	+19 24 12.3	13.8 N	213
C/2001 A2-B	2001 08 26.88199	20 05 30.97	+19 24 09.5	13.8 N	213
C/2001 A2-B	2001 08 26.93231	20 05 29.00	+19 23 46.1	14.0 N	170
C/2001 A2-B	2001 08 26.93362	20 05 28.99	+19 23 45.0	14.0 N	170
C/2001 A2-B	2001 08 27.07681	20 05 24.00	+19 22 34.8	15.9 N	762
C/2001 A2-B	2001 08 27.08198	20 05 23.78	+19 22 32.1	16.2 N	762
C/2001 A2-B	2001 08 27.08794	20 05 23.54	+19 22 29.6	16.2 N	762

C/2001 B1 (LINEAR)

C/2001 B1	2001 08 17.10226	04 14 27.61	+15 44 36.1	17.7 T	170
C/2001 B1	2001 08 17.10964	04 14 27.44	+15 44 38.1	17.7 T	170
C/2001 B1	2001 08 17.12230	04 14 27.37	+15 44 41.8	17.7 T	170
C/2001 B1	2001 08 22.75081	04 13 26.18	+16 16 38.4		342
C/2001 B1	2001 08 22.77151	04 13 25.92	+16 16 45.6		342

C/2001 C1 (LINEAR)

C/2001 C1	2001 07 28.94128	13 24 06.08	-20 35 48.7	15.9 T	844
C/2001 C1	2001 07 28.98027	13 24 06.34	-20 35 59.7	15.5 T	844
C/2001 C1	2001 07 29.02545	13 24 06.72	-20 36 15.3	15.3 T	844

C/2001 K3 (Skiff)

C/2001 K3	2001 07 25.59307	20 17 16.08	+11 25 40.6		322
C/2001 K3	2001 07 25.62646	20 17 13.92	+11 26 04.8	3	322
C/2001 K3	2001 08 01.65160	20 09 50.38	+12 42 19.3		322
C/2001 K3	2001 08 01.66804	20 09 49.52	+12 42 30.0		322
C/2001 K3	2001 08 01.93228	20 09 33.02	+12 45 01.0		118
C/2001 K3	2001 08 01.94123	20 09 32.42	+12 45 06.2		118
C/2001 K3	2001 08 01.97228	20 09 30.50	+12 45 24.4		118
C/2001 K3	2001 08 02.85897	20 08 36.06	+12 54 01.8	16.0 N	170
C/2001 K3	2001 08 02.86160	20 08 35.77	+12 54 03.7	15.9 N	170
C/2001 K3	2001 08 02.87495	20 08 35.08	+12 54 09.7	2	170
C/2001 K3	2001 08 02.87852	20 08 34.88	+12 54 12.3	15.9 N	170
C/2001 K3	2001 08 07.91471	20 03 33.30	+13 39 12.9	16.1 N	952
C/2001 K3	2001 08 07.91845	20 03 33.12	+13 39 14.7	16.2 N	952
C/2001 K3	2001 08 07.92201	20 03 32.93	+13 39 16.2		952
C/2001 K3	2001 08 08.95823	20 02 32.85	+13 47 41.3	15.8 T	213
C/2001 K3	2001 08 08.96181	20 02 32.64	+13 47 43.2	15.8 T	213
C/2001 K3	2001 08 08.96538	20 02 32.44	+13 47 44.8	15.8 T	213
C/2001 K3	2001 08 09.59420	20 01 56.64	+13 52 47.6		322
C/2001 K3	2001 08 09.60558	20 01 55.96	+13 52 53.2		322
C/2001 K3	2001 08 11.01912	20 00 36.35	+14 03 43.7	15.5 T	844
C/2001 K3	2001 08 11.03152	20 00 35.69	+14 03 49.7	15.3 T	844
C/2001 K3	2001 08 11.22932	20 00 24.69	+14 05 11.4		642
C/2001 K3	2001 08 11.23288	20 00 24.43	+14 05 14.3		642
C/2001 K3	2001 08 11.23525	20 00 24.21	+14 05 14.3		642
C/2001 K3	2001 08 11.90603	19 59 47.17	+14 10 08.7	15.5 T	118
C/2001 K3	2001 08 11.90953	19 59 46.95	+14 10 10.3		118
C/2001 K3	2001 08 11.91659	19 59 46.53	+14 10 13.4		118

C/2001 K3	2001 08 11.91973	19 59 46.38	+14 10 13.9	16.1 T	213
C/2001 K3	2001 08 11.92693	19 59 46.04	+14 10 16.8	16.2 T	213
C/2001 K3	2001 08 11.92809	19 59 45.98	+14 10 19.4	16.0 T	941
C/2001 K3	2001 08 11.93148	19 59 45.75	+14 10 21.1	16.0 T	941
C/2001 K3	2001 08 11.93412	19 59 45.60	+14 10 20.4	16.1 T	213
C/2001 K3	2001 08 11.93603	19 59 45.50	+14 10 23.0	16.0 T	941
C/2001 K3	2001 08 11.93925	19 59 45.31	+14 10 24.4	16.0 T	941
C/2001 K3	2001 08 11.94189	19 59 45.09	+14 10 27.4	16.0 T	941
C/2001 K3	2001 08 12.21924	19 59 30.08	+14 12 25.8		642
C/2001 K3	2001 08 12.22279	19 59 29.90	+14 12 27.2		642
C/2001 K3	2001 08 12.22854	19 59 29.59	+14 12 29.6		642
C/2001 K3	2001 08 12.85866	19 58 55.16	+14 16 58.0	2	170
C/2001 K3	2001 08 12.87650	19 58 54.29	+14 17 04.9	16.3 T	151
C/2001 K3	2001 08 12.88037	19 58 54.01	+14 17 07.3	15.9 T	151
C/2001 K3	2001 08 12.93159	19 58 51.21	+14 17 26.6	16.0 T	213
C/2001 K3	2001 08 12.93519	19 58 51.03	+14 17 27.5	16.1 T	213
C/2001 K3	2001 08 12.93877	19 58 50.77	+14 17 31.6	16.0 T	213
C/2001 K3	2001 08 12.97363	19 58 49.05	+14 17 47.6	16.1 T	2 170
C/2001 K3	2001 08 13.85370	19 58 01.76	+14 23 49.2	16.2 N	170
C/2001 K3	2001 08 14.00427	19 57 53.77	+14 24 48.3	16.0 T	213
C/2001 K3	2001 08 14.58196	19 57 23.34	+14 28 42.1		349
C/2001 K3	2001 08 14.58712	19 57 23.04	+14 28 44.0	16.0 T	349
C/2001 K3	2001 08 14.63939	19 57 20.25	+14 29 03.5	16.0 T	402
C/2001 K3	2001 08 14.64068	19 57 20.18	+14 29 04.0		402
C/2001 K3	2001 08 14.64199	19 57 20.12	+14 29 03.9		402
C/2001 K3	2001 08 14.84682	19 57 09.46	+14 30 23.5		611
C/2001 K3	2001 08 14.85382	19 57 09.19	+14 30 26.2		611
C/2001 K3	2001 08 14.89331	19 57 07.15	+14 30 39.8	17.3 T	151
C/2001 K3	2001 08 14.90064	19 57 06.67	+14 30 45.3	17.3 T	151
C/2001 K3	2001 08 14.90978	19 57 06.15	+14 30 47.9	17.3 T	151
C/2001 K3	2001 08 14.93603	19 57 04.80	+14 30 58.3	16.0 T	941
C/2001 K3	2001 08 14.93884	19 57 04.64	+14 30 59.3	16.0 T	941
C/2001 K3	2001 08 14.94255	19 57 04.47	+14 31 00.7	16.0 T	941
C/2001 K3	2001 08 14.94662	19 57 04.17	+14 31 02.8	16.0 T	941
C/2001 K3	2001 08 14.94966	19 57 04.02	+14 31 04.0	16.0 T	941
C/2001 K3	2001 08 16.83292	19 55 27.82	+14 42 52.9		118
C/2001 K3	2001 08 16.83866	19 55 27.60	+14 42 54.7		118
C/2001 K3	2001 08 16.93564	19 55 22.58	+14 43 30.8		952
C/2001 K3	2001 08 16.94064	19 55 22.35	+14 43 32.0		952
C/2001 K3	2001 08 16.95130	19 55 21.78	+14 43 36.1		952
C/2001 K3	2001 08 17.01208	19 55 18.70	+14 43 56.6	16.0 T	2 170
C/2001 K3	2001 08 17.52238	19 54 53.10	+14 46 59.0		342
C/2001 K3	2001 08 17.54239	19 54 52.41	+14 47 08.4		342
C/2001 K3	2001 08 17.93132	19 54 33.39	+14 49 20.8		232
C/2001 K3	2001 08 17.93541	19 54 33.02	+14 49 22.6	16.0 T	213
C/2001 K3	2001 08 17.94024	19 54 32.75	+14 49 23.0	16.0 T	213
C/2001 K3	2001 08 17.95105	19 54 32.00	+14 49 26.1	16.1 T	213
C/2001 K3	2001 08 18.19289	19 54 20.61	+14 50 53.7		642
C/2001 K3	2001 08 18.19650	19 54 20.43	+14 50 54.8		642
C/2001 K3	2001 08 18.19885	19 54 20.25	+14 50 56.5		642
C/2001 K3	2001 08 18.86634	19 53 48.06	+14 54 40.5	16.0 T	213
C/2001 K3	2001 08 18.86993	19 53 47.87	+14 54 41.3	16.0 T	213
C/2001 K3	2001 08 18.87351	19 53 47.68	+14 54 42.1	16.0 T	213

C/2001 K3	2001 08 18.88066	19 53 47.26	+14 54 46.8	16.0 T	213
C/2001 K3	2001 08 20.95066	19 52 10.32	+15 05 47.2		232
C/2001 K3	2001 08 20.95613	19 52 10.16	+15 05 50.0		232
C/2001 K3	2001 08 20.96238	19 52 09.80	+15 05 52.9		232
C/2001 K3	2001 08 20.97089	19 52 09.50	+15 05 56.3		232
C/2001 K3	2001 08 21.87747	19 51 28.77	+15 10 27.7	16.0 T	213
C/2001 K3	2001 08 21.88104	19 51 28.51	+15 10 30.2	16.0 T	213
C/2001 K3	2001 08 21.88466	19 51 28.34	+15 10 31.5	16.0 T	213
C/2001 K3	2001 08 21.88824	19 51 28.07	+15 10 31.5	16.0 T	213
C/2001 K3	2001 08 21.89183	19 51 27.93	+15 10 32.6	16.0 T	213
C/2001 K3	2001 08 23.88897	19 50 01.72	+15 19 56.6	16.0 T	213
C/2001 K3	2001 08 23.89255	19 50 01.59	+15 19 56.6	16.0 T	213
C/2001 K3	2001 08 23.89613	19 50 01.52	+15 19 54.7	16.0 T	213
C/2001 K3	2001 08 23.89971	19 50 01.44	+15 19 55.3	16.0 T	213
C/2001 K3	2001 08 23.90687	19 50 01.65	+15 20 08.5	13.0 T	213
C/2001 K3	2001 08 24.89448	19 49 20.26	+15 24 21.3	16.0 T	213
C/2001 K3	2001 08 24.89807	19 49 20.10	+15 24 23.9	16.0 T	213
C/2001 K3	2001 08 24.90164	19 49 20.01	+15 24 24.5	16.0 T	213
C/2001 K3	2001 08 24.90523	19 49 19.80	+15 24 26.1	16.0 T	213
C/2001 K3	2001 08 24.90882	19 49 19.58	+15 24 27.0	16.0 T	213
C/2001 K3	2001 08 24.91240	19 49 19.52	+15 24 28.2	16.0 T	213
C/2001 K3	2001 08 24.91597	19 49 19.29	+15 24 29.6	16.0 T	213
C/2001 K3	2001 08 24.91707	19 49 19.36	+15 24 29.8	16.6 T	215
C/2001 K3	2001 08 24.91786	19 49 19.35	+15 24 30.0	16.5 T	215
C/2001 K3	2001 08 24.91843	19 49 19.27	+15 24 29.7	16.3 T	215
C/2001 K3	2001 08 25.89622	19 48 40.04	+15 28 35.4	16.0 T	213
C/2001 K3	2001 08 25.89922	19 48 39.97	+15 28 37.8	16.0 T	213
C/2001 K3	2001 08 25.90222	19 48 39.25	+15 28 46.8	16.0 T	213
C/2001 K3	2001 08 25.90522	19 48 39.29	+15 28 45.1	16.0 T	213
C/2001 K3	2001 08 25.94122	19 48 38.28	+15 28 49.3		232
C/2001 K3	2001 08 25.95572	19 48 37.68	+15 28 51.9		232
C/2001 K3	2001 08 25.96921	19 48 37.05	+15 28 53.8		232
C/2001 K3	2001 08 26.89749	19 48 01.34	+15 32 37.8	16.0 T	213
C/2001 K3	2001 08 26.90187	19 48 01.15	+15 32 38.0	16.0 T	213
C/2001 K3	2001 08 26.90625	19 48 00.87	+15 32 41.0	16.0 T	213
C/2001 K3	2001 08 26.91064	19 48 00.78	+15 32 43.1	16.0 T	213
C/2001 K3	2001 08 26.91501	19 48 00.69	+15 32 42.5	16.0 T	213
C/2001 K3	2001 08 26.91940	19 48 00.41	+15 32 42.6	16.0 T	213

C/2001 K5 (LINEAR)

C/2001 K5	2001 08 01.51053	15 04 51.54	-16 15 15.2		322
C/2001 K5	2001 08 01.51539	15 04 51.56	-16 15 13.8		322
C/2001 K5	2001 08 01.53693	15 04 51.63	-16 15 07.5		322
C/2001 K5	2001 08 01.54182	15 04 51.65	-16 15 05.9		322
C/2001 K5	2001 08 01.56995	15 04 51.81	-16 14 58.3		322
C/2001 K5	2001 08 01.58162	15 04 51.81	-16 14 54.4		322
C/2001 K5	2001 08 01.59378	15 04 51.87	-16 14 51.0		322
C/2001 K5	2001 08 01.60479	15 04 51.89	-16 14 47.9		322
C/2001 K5	2001 08 01.62169	15 04 52.00	-16 14 42.7		322
C/2001 K5	2001 08 05.46806	15 05 13.74	-15 56 54.7	17.3 T	340
C/2001 K5	2001 08 05.47315	15 05 13.80	-15 56 52.4		340
C/2001 K5	2001 08 05.48912	15 05 13.85	-15 56 48.5		340
C/2001 K5	2001 08 07.42419	15 05 28.36	-15 48 09.9	17.5 T	428

C/2001 K5	2001 08 07.43995	15 05 28.45	-15 48 05.6	17.4 T	428
C/2001 K5	2001 08 09.51924	15 05 46.61	-15 39 07.1		322
C/2001 K5	2001 08 09.53243	15 05 46.73	-15 39 03.5		322
C/2001 K5	2001 08 09.54578	15 05 46.84	-15 39 00.0		322
C/2001 K5	2001 08 22.45462	15 08 37.40	-14 49 09.6	16.3 T	360
C/2001 K5	2001 08 22.45797	15 08 37.45	-14 49 08.7		360
C/2001 K5	2001 08 22.97130	15 08 46.34	-14 47 20.4	15.6 T	844
C/2001 K5	2001 08 23.02976	15 08 47.26	-14 47 07.7	15.6 T	844
C/2001 K5	2001 08 23.05969	15 08 47.79	-14 47 02.1	15.7 T	844

P/2001 MD7 (LINEAR)

P/2001 MD7	2001 08 01.59947	18 29 15.71	-16 01 57.8		322
P/2001 MD7	2001 08 01.90521	18 28 57.71	-16 05 49.5		636
P/2001 MD7	2001 08 01.90914	18 28 57.39	-16 05 53.3		636
P/2001 MD7	2001 08 06.92700	18 24 22.36	-17 07 46.9		952
P/2001 MD7	2001 08 06.93149	18 24 22.11	-17 07 49.7		952
P/2001 MD7	2001 08 06.93514	18 24 21.86	-17 07 52.6		952
P/2001 MD7	2001 08 07.42913	18 23 57.53	-17 13 56.2	15.1 T	428
P/2001 MD7	2001 08 07.43218	18 23 57.43	-17 13 58.5	15.3 T	428
P/2001 MD7	2001 08 07.43522	18 23 57.19	-17 14 01.1	15.3 T	428
P/2001 MD7	2001 08 07.88606	18 23 35.22	-17 19 51.0		952
P/2001 MD7	2001 08 07.89166	18 23 34.92	-17 19 55.7		952
P/2001 MD7	2001 08 07.89558	18 23 34.70	-17 19 58.7		952
P/2001 MD7	2001 08 09.13970	18 22 35.98	-17 35 32.9	16.2 T	844
P/2001 MD7	2001 08 09.15179	18 22 35.46	-17 35 41.2	16.1 T	844
P/2001 MD7	2001 08 09.15645	18 22 35.19	-17 35 45.5	16.0 T	844
P/2001 MD7	2001 08 10.15546	18 21 51.13	-17 48 39.1	16.6 T	704
P/2001 MD7	2001 08 10.16729	18 21 50.60	-17 48 48.5	17.0 T	704
P/2001 MD7	2001 08 10.17911	18 21 50.06	-17 48 57.3	16.9 T	704
P/2001 MD7	2001 08 10.20274	18 21 48.91	-17 49 15.8	16.9 T	704
P/2001 MD7	2001 08 10.91845	18 21 18.63	-17 58 24.4		952
P/2001 MD7	2001 08 10.92603	18 21 18.13	-17 58 28.8		952
P/2001 MD7	2001 08 10.93220	18 21 17.73	-17 58 34.7		952
P/2001 MD7	2001 08 11.84758	18 20 40.90	-18 10 20.4	16.2 T	213
P/2001 MD7	2001 08 11.85117	18 20 40.83	-18 10 22.7	16.3 T	213
P/2001 MD7	2001 08 11.85477	18 20 40.70	-18 10 24.3	16.3 T	213
P/2001 MD7	2001 08 12.83348	18 20 03.23	-18 23 02.8	16.3 T	213
P/2001 MD7	2001 08 12.84067	18 20 02.98	-18 23 05.5	16.3 T	213
P/2001 MD7	2001 08 12.85155	18 20 02.16	-18 23 10.8	16.2 T	213
P/2001 MD7	2001 08 12.86233	18 20 01.93	-18 23 22.0	16.3 T	213
P/2001 MD7	2001 08 12.87350	18 20 01.33	-18 23 22.5	16.3 T	2 170
P/2001 MD7	2001 08 14.85757	18 18 53.22	-18 49 08.4	16.3 T	213
P/2001 MD7	2001 08 14.86116	18 18 53.04	-18 49 10.7	16.3 T	213
P/2001 MD7	2001 08 14.86476	18 18 52.86	-18 49 13.8	16.3 T	213
P/2001 MD7	2001 08 14.86836	18 18 52.79	-18 49 17.1	16.3 T	213
P/2001 MD7	2001 08 14.87194	18 18 52.63	-18 49 17.8	16.3 T	213
P/2001 MD7	2001 08 17.82841	18 17 29.58	-19 27 43.9	15.8 N	232
P/2001 MD7	2001 08 17.85619	18 17 28.92	-19 28 00.1		232
P/2001 MD7	2001 08 17.87279	18 17 28.41	-19 28 12.9	14.5 T	939
P/2001 MD7	2001 08 17.88050	18 17 28.08	-19 28 19.6	14.6 T	939
P/2001 MD7	2001 08 18.14773	18 17 22.00	-19 31 46.7	16.8 T	704
P/2001 MD7	2001 08 18.16084	18 17 21.60	-19 31 57.6	17.1 T	704
P/2001 MD7	2001 08 18.17429	18 17 21.27	-19 32 07.7	17.1 T	704

P/2001 MD ₇	2001 08 18.18715	18 17 20.89	-19 32 18.7	17.3 T	704	C/2001 N2	2001 08 02.94367	22 32 51.41	+40 41 06.2	17.1 T	170
P/2001 MD ₇	2001 08 18.20009	18 17 20.57	-19 32 28.8	16.8 T	704	C/2001 N2	2001 08 02.95824	22 32 50.00	+40 41 07.0	17.4 T	170
P/2001 MD ₇	2001 08 19.14496	18 17 00.18	-19 44 45.1	17.0 T	704	C/2001 N2	2001 08 10.96947	22 18 59.79	+40 46 57.5		952
P/2001 MD ₇	2001 08 19.15783	18 16 59.88	-19 44 55.1	17.1 T	704	C/2001 N2	2001 08 10.97397	22 18 59.36	+40 46 56.6		952
P/2001 MD ₇	2001 08 19.17085	18 16 59.59	-19 45 05.0	16.7 T	704	C/2001 N2	2001 08 10.98101	22 18 58.54	+40 46 56.2		952
P/2001 MD ₇	2001 08 19.18435	18 16 59.27	-19 45 16.2	17.0 T	704	C/2001 N2	2001 08 11.89432	22 17 19.12	+40 46 22.5	17.2 T	204
P/2001 MD ₇	2001 08 19.19714	18 16 58.95	-19 45 26.7	16.8 T	704	C/2001 N2	2001 08 11.90324	22 17 17.91	+40 46 23.8		185
P/2001 MD ₇	2001 08 19.38797	18 16 55.41	-19 47 46.1	15.9 T	428	C/2001 N2	2001 08 11.91100	22 17 17.08	+40 46 21.7		185
P/2001 MD ₇	2001 08 19.39953	18 16 55.12	-19 47 55.1	16.0 T	428	C/2001 N2	2001 08 11.91657	22 17 16.52	+40 46 23.6		204
P/2001 MD ₇	2001 08 22.52625	18 16 07.03	-20 28 42.4		349	C/2001 N2	2001 08 11.91719	22 17 16.32	+40 46 21.8		185
P/2001 MD ₇	2001 08 22.52890	18 16 06.99	-20 28 44.8		349	C/2001 N2	2001 08 11.92186	22 17 16.08	+40 46 21.7		204
P/2001 MD ₇	2001 08 22.53142	18 16 06.93	-20 28 46.7	15.6 T	349	C/2001 N2	2001 08 11.98234	22 17 09.16	+40 46 20.1	17.1 T	941
P/2001 MD ₇	2001 08 22.89163	18 16 03.38	-20 33 28.5	16.3 T	213	C/2001 N2	2001 08 11.98522	22 17 08.86	+40 46 19.7	17.1 T	941
P/2001 MD ₇	2001 08 22.89522	18 16 03.22	-20 33 31.4	16.3 T	213	C/2001 N2	2001 08 12.90597	22 15 27.52	+40 45 28.6	17.1 T	170
P/2001 MD ₇	2001 08 22.89881	18 16 03.26	-20 33 34.4	16.3 T	213	C/2001 N2	2001 08 12.90928	22 15 27.16	+40 45 28.1	17.1 T	170
P/2001 MD ₇	2001 08 22.91313	18 16 03.12	-20 33 44.0	16.3 T	213	C/2001 N2	2001 08 12.91125	22 15 26.88	+40 45 28.3	17.1 T	941
P/2001 MD ₇	2001 08 23.48326	18 15 58.28	-20 41 09.1	15.2 T	402	C/2001 N2	2001 08 12.91403	22 15 26.60	+40 45 28.7	17.1 T	941
P/2001 MD ₇	2001 08 23.48590	18 15 58.24	-20 41 10.7		402	C/2001 N2	2001 08 12.91784	22 15 26.13	+40 45 27.8	17.1 T	170
P/2001 MD ₇	2001 08 23.48854	18 15 58.22	-20 41 12.5		402	C/2001 N2	2001 08 12.91963	22 15 26.05	+40 45 27.4	17.1 T	941
P/2001 MD ₇	2001 08 24.14391	18 15 53.78	-20 49 43.2	16.3 T	704	C/2001 N2	2001 08 12.92312	22 15 25.65	+40 45 26.7	17.1 T	170
P/2001 MD ₇	2001 08 24.15762	18 15 53.61	-20 49 54.5	16.5 T	704	C/2001 N2	2001 08 12.98161	22 15 19.05	+40 45 24.8	17.1 T	213
P/2001 MD ₇	2001 08 24.17139	18 15 53.53	-20 50 04.8	16.4 T	704	C/2001 N2	2001 08 12.98520	22 15 18.90	+40 45 23.9	17.1 T	213
P/2001 MD ₇	2001 08 24.18499	18 15 53.44	-20 50 15.1	16.6 T	704	C/2001 N2	2001 08 12.99247	22 15 18.13	+40 45 23.0	17.1 T	213
P/2001 MD ₇	2001 08 24.19870	18 15 53.32	-20 50 25.5	16.3 T	704	C/2001 N2	2001 08 12.99605	22 15 17.66	+40 45 23.2	17.1 T	213
C/2001 M10 (NEAT)						C/2001 N2	2001 08 13.90422	22 13 36.88	+40 44 13.1	16.3 T	2 215
C/2001 M10	2001 07 10.38141	20 19 01.05	-15 07 47.9	17.5 T	673	C/2001 N2	2001 08 13.90481	22 13 36.84	+40 44 12.9	16.3 T	2 215
C/2001 M10	2001 07 10.39080	20 19 01.33	-15 07 53.6	17.9 T	673	C/2001 N2	2001 08 13.90534	22 13 36.83	+40 44 12.9	16.3 T	2 215
C/2001 M10	2001 07 10.39981	20 19 01.03	-15 07 52.4	17.3 T	673	C/2001 N2	2001 08 13.90646	22 13 36.65	+40 44 13.1	16.5 T	215
C/2001 M10	2001 07 12.39431	20 18 05.33	-15 02 53.8	16.5 T	673	C/2001 N2	2001 08 13.96300	22 13 30.04	+40 44 10.4	17.0 T	170
C/2001 M10	2001 07 12.40425	20 18 05.04	-15 02 52.3	17.2 T	673	C/2001 N2	2001 08 13.97131	22 13 29.00	+40 44 09.8	17.0 T	170
C/2001 M10	2001 07 12.41323	20 18 04.75	-15 02 50.9	17.1 T	673	C/2001 N2	2001 08 13.97520	22 13 28.63	+40 44 08.9	17.0 T	170
C/2001 M10	2001 07 13.37684	20 17 37.40	-15 00 29.9	16.5 T	673	C/2001 N2	2001 08 13.97926	22 13 28.12	+40 44 08.5	17.0 T	170
C/2001 M10	2001 07 13.38557	20 17 37.13	-15 00 27.7	16.7 T	673	C/2001 N2	2001 08 14.02950	22 13 22.52	+40 44 04.2	17.1 T	213
C/2001 M10	2001 07 13.39610	20 17 36.89	-15 00 26.3	17.3 T	673	C/2001 N2	2001 08 14.04025	22 13 21.40	+40 44 04.1	17.1 T	213
C/2001 M10	2001 07 20.35755	20 14 15.12	-14 43 52.8	17.7 T	673	C/2001 N2	2001 08 14.05470	22 13 19.76	+40 44 02.0	17.1 T	213
C/2001 M10	2001 07 20.36662	20 14 14.86	-14 43 51.3	17.2 T	673	C/2001 N2	2001 08 14.06545	22 13 18.62	+40 44 00.1	17.1 T	213
C/2001 M10	2001 07 20.37561	20 14 14.55	-14 43 50.5	17.6 T	673	C/2001 N2	2001 08 14.58646	22 12 20.27	+40 43 13.9	17.0 T	372
C/2001 M10	2001 08 11.32659	20 03 52.98	-13 56 59.9	18.8 T	608	C/2001 N2	2001 08 14.67265	22 12 10.50	+40 43 05.3	17.7 T	402
C/2001 M10	2001 08 11.33745	20 03 52.69	-13 56 58.6	18.7 T	608	C/2001 N2	2001 08 14.67734	22 12 09.97	+40 43 04.8		402
C/2001 M10	2001 08 11.34819	20 03 52.40	-13 56 57.1	18.9 T	608	C/2001 N2	2001 08 14.68203	22 12 09.43	+40 43 04.4		402
C/2001 M10	2001 08 14.60810	20 02 30.76	-13 50 32.2	18.7 T	402	C/2001 N2	2001 08 14.95943	22 11 38.42	+40 42 36.3	17.1 T	213
C/2001 M10	2001 08 14.61279	20 02 30.65	-13 50 31.5		402	C/2001 N2	2001 08 14.96302	22 11 37.81	+40 42 36.1	17.1 T	213
C/2001 M10	2001 08 14.61748	20 02 30.54	-13 50 31.1		402	C/2001 N2	2001 08 14.96660	22 11 37.48	+40 42 34.8	17.1 T	213
C/2001 M10	2001 08 19.20948	20 00 43.76	-13 41 38.6	18.6 T	704	C/2001 N2	2001 08 14.97017	22 11 37.56	+40 42 38.5	17.1 T	213
C/2001 M10	2001 08 19.23542	20 00 43.19	-13 41 34.6	19.2 T	704	C/2001 N2	2001 08 14.97376	22 11 36.61	+40 42 33.9	17.1 T	213
C/2001 M10	2001 08 19.26140	20 00 42.60	-13 41 31.3	19.3 T	704	C/2001 N2	2001 08 15.00678	22 11 32.80	+40 42 31.8	17.1 T	941
C/2001 N2 (LINEAR)						C/2001 N2	2001 08 15.00979	22 11 32.54	+40 42 31.5	17.2 T	941
C/2001 N2	2001 07 31.94506	22 36 04.83	+40 36 52.8	16.9 T	170	C/2001 N2	2001 08 15.01336	22 11 32.08	+40 42 30.4	17.2 T	941
C/2001 N2	2001 07 31.95318	22 36 04.18	+40 36 54.9	16.9 T	170	C/2001 N2	2001 08 15.02128	22 11 31.29	+40 42 29.8	17.1 T	941
C/2001 N2	2001 07 31.95699	22 36 03.71	+40 36 54.6	16.9 T	170	C/2001 N2	2001 08 15.54098	22 10 32.66	+40 41 32.4		342
C/2001 N2	2001 08 02.93066	22 32 52.58	+40 41 02.4	17.1 T	170	C/2001 N2	2001 08 15.62071	22 10 23.68	+40 41 21.8		342
C/2001 N2	2001 08 02.93764	22 32 52.02	+40 41 04.5	17.1 T	170	C/2001 N2	2001 08 16.99483	22 07 47.28	+40 38 22.3	17.3 T	170
						C/2001 N2	2001 08 16.99735	22 07 47.05	+40 38 22.0		170

C/2001 N2	2001 08 17.00071	22 07 46.49	+40 38 20.1	17.3 T	170	C/2001 N2	2001 08 26.94171	21 48 22.55	+39 56 57.0	17.1 T	213
C/2001 N2	2001 08 17.93491	22 05 59.51	+40 35 57.0	17.4 T	170	C/2001 N2	2001 08 26.94390	21 48 22.44	+39 56 57.3	17.0 T	213
C/2001 N2	2001 08 17.93822	22 05 59.22	+40 35 56.7	17.4 T	170	C/2001 N2	2001 08 26.94741	21 48 22.01	+39 56 56.2	16.6 T	170
C/2001 N2	2001 08 17.94078	22 05 58.91	+40 35 55.6	17.4 T	170	C/2001 N2	2001 08 26.94846	21 48 21.95	+39 56 55.9	17.1 T	213
C/2001 N2	2001 08 17.97034	22 05 55.51	+40 35 50.7	17.0 T	213	C/2001 N2	2001 08 27.19314	21 47 53.01	+39 55 29.3	17.6 T	704
C/2001 N2	2001 08 17.97391	22 05 55.02	+40 35 49.9	17.0 T	213	C/2001 N2	2001 08 27.20621	21 47 51.43	+39 55 24.3	17.7 T	704
C/2001 N2	2001 08 17.97750	22 05 54.69	+40 35 47.0	17.0 T	213	C/2001 N2	2001 08 27.21926	21 47 49.91	+39 55 20.0	17.7 T	704
C/2001 N2	2001 08 17.99909	22 05 52.03	+40 35 46.7	17.0 T	213	C/2001 N2	2001 08 27.23233	21 47 48.30	+39 55 15.0	17.9 T	704
C/2001 N2	2001 08 18.01008	22 05 51.07	+40 35 44.2	17.0 T	213	C/2001 N2	2001 08 27.24544	21 47 46.74	+39 55 10.3	17.8 T	704
C/2001 N2	2001 08 18.99711	22 03 56.80	+40 32 48.2	17.1 T	213	C/2001 N2	2001 08 27.55565	21 47 10.04	+39 53 16.0		300
C/2001 N2	2001 08 19.00068	22 03 56.76	+40 32 44.1	17.0 T	213	C/2001 N2	2001 08 27.55817	21 47 09.71	+39 53 15.1		300
C/2001 N2	2001 08 19.23997	22 03 28.99	+40 32 04.1	17.1 T	642	C/2001 N2	2001 08 27.56072	21 47 09.36	+39 53 14.7		300
C/2001 N2	2001 08 19.24237	22 03 28.55	+40 32 03.6		642	C/2001 N2	2001 08 27.56325	21 47 09.03	+39 53 13.3		300
C/2001 N2	2001 08 19.24910	22 03 27.87	+40 32 02.4		642	C/2001 N2	2001 08 27.56579	21 47 08.64	+39 53 12.5		300
C/2001 N2	2001 08 20.94647	22 00 10.29	+40 26 06.9	17.1 T	170	C/2001 O2 (NEAT)					
C/2001 N2	2001 08 20.98280	22 00 05.93	+40 25 58.0	17.1 T	232	C/2001 O2	2001 08 02.59946	22 38 45.63	-24 04 09.2	20.1 T	608
C/2001 N2	2001 08 20.98840	22 00 05.23	+40 25 56.6	17.0 T	232	C/2001 O2	2001 08 02.60995	22 38 45.19	-24 04 09.3	19.6 T	608
C/2001 N2	2001 08 20.99047	22 00 05.01	+40 25 55.4	17.1 T	213	C/2001 O2	2001 08 02.62055	22 38 44.71	-24 04 09.1	19.6 T	608
C/2001 N2	2001 08 20.99843	22 00 04.13	+40 25 54.1		232	C/2001 O2	2001 08 14.62226	22 29 37.35	-24 04 40.0	18.3 T	402
C/2001 N2	2001 08 21.00135	22 00 03.76	+40 25 53.4	17.1 T	213	C/2001 O2	2001 08 14.62694	22 29 37.19	-24 04 39.3		402
C/2001 N2	2001 08 21.00852	22 00 02.89	+40 25 51.6	17.1 T	213	C/2001 O2	2001 08 14.63163	22 29 36.85	-24 04 40.6		402
C/2001 N2	2001 08 21.01122	22 00 02.59	+40 25 51.8	16.9 T	232	C/2001 O2	2001 08 14.63194	22 29 36.82	-24 04 39.4	18.1 T	372
C/2001 N2	2001 08 21.01211	22 00 02.49	+40 25 51.3	17.1 T	213	C/2001 O2	2001 08 15.66597	22 28 48.43	-24 04 28.3	18.1 T	372
C/2001 N2	2001 08 21.01569	22 00 02.12	+40 25 51.2	17.1 T	213	C/2001 O2	2001 08 16.32884	22 28 17.28	-24 04 18.8	18.7 T	644
C/2001 N2	2001 08 21.92475	21 58 15.76	+40 22 13.2	17.1 T	213	C/2001 O2	2001 08 16.34016	22 28 16.76	-24 04 18.8	18.8 T	644
C/2001 N2	2001 08 21.92832	21 58 15.12	+40 22 11.4	17.1 T	213	C/2001 O2	2001 08 16.35067	22 28 16.26	-24 04 18.6	18.8 T	644
C/2001 N2	2001 08 21.93190	21 58 15.03	+40 22 10.5	17.1 T	213	C/2001 O2	2001 08 23.63404	22 22 33.22	-24 01 19.5	18.0 T	402
C/2001 N2	2001 08 21.93918	21 58 13.97	+40 22 10.5	17.1 T	213	C/2001 O2	2001 08 23.63875	22 22 32.93	-24 01 19.7		402
C/2001 N2	2001 08 21.94277	21 58 13.52	+40 22 08.2	17.1 T	213	C/2001 O2	2001 08 23.64347	22 22 32.78	-24 01 20.7		402
C/2001 N2	2001 08 22.60433	21 56 55.83	+40 19 20.3		349	C/2001 O2	2001 08 25.26219	22 21 16.77	-24 00 18.6	17.2 T	699
C/2001 N2	2001 08 22.60745	21 56 55.47	+40 19 19.8		349	C/2001 O2	2001 08 25.27790	22 21 16.08	-24 00 16.9		699
C/2001 N2	2001 08 22.61806	21 56 54.21	+40 19 17.0	16.9 T	349	C/2001 O2	2001 08 25.29363	22 21 15.29	-24 00 16.7		699
C/2001 N2	2001 08 23.26697	21 55 37.71	+40 16 21.2	18.1 T	704	C/2001 O2	2001 08 25.30922	22 21 14.62	-24 00 16.4		699
C/2001 N2	2001 08 23.28030	21 55 36.14	+40 16 17.7	18.3 T	704	C/2001 P1 (SOHO)					
C/2001 N2	2001 08 23.29351	21 55 35.14	+40 16 14.9	19.5 T	704	C/2001 P1	2001 08 04.97098	08 48 31.9	+16 12 18		249
C/2001 N2	2001 08 23.30685	21 55 32.86	+40 16 10.2	18.3 T	704	Geocentric position (AU)	-0.00702308	+0.00443885	+0.00265282		
C/2001 N2	2001 08 23.32038	21 55 31.46	+40 16 09.4	18.5 T	704	C/2001 P1	2001 08 05.01256	08 49 30.6	+16 14 33		249
C/2001 N2	2001 08 24.94917	21 52 19.24	+40 08 06.7	17.1 T	213	Geocentric position (AU)	-0.00703125	+0.00443106	+0.00264883		
C/2001 N2	2001 08 24.95275	21 52 18.48	+40 08 04.4	16.9 T	213	C/2001 P1	2001 08 05.02923	08 49 55.3	+16 15 03		249
C/2001 N2	2001 08 24.95633	21 52 18.32	+40 08 04.4	17.0 T	213	Geocentric position (AU)	-0.00703452	+0.00442794	+0.00264723		
C/2001 N2	2001 08 24.95991	21 52 18.01	+40 08 01.2	17.0 T	213	C/2001 P1	2001 08 05.07091	08 50 58.7	+16 19 01		249
C/2001 N2	2001 08 24.96350	21 52 17.46	+40 07 59.2	17.1 T	213	Geocentric position (AU)	-0.00704269	+0.00442012	+0.00264323		
C/2001 N2	2001 08 25.05749	21 52 06.12	+40 07 30.9		952	C/2001 P1	2001 08 05.09590	08 51 35.9	+16 20 04		249
C/2001 N2	2001 08 25.06115	21 52 05.70	+40 07 29.7		952	Geocentric position (AU)	-0.00704758	+0.00441544	+0.00264083		
C/2001 N2	2001 08 25.06388	21 52 05.32	+40 07 28.9		952	C/2001 P1	2001 08 05.11256	08 52 03.4	+16 21 22		249
C/2001 N2	2001 08 25.06875	21 52 04.73	+40 07 27.5		952	Geocentric position (AU)	-0.00705084	+0.00441231	+0.00263923		
C/2001 N2	2001 08 25.93583	21 50 22.04	+40 02 45.1	17.1 T	213	C/2001 P1	2001 08 05.16257	08 53 21.1	+16 25 03		249
C/2001 N2	2001 08 25.93942	21 50 21.51	+40 02 42.5	17.1 T	213	Geocentric position (AU)	-0.00706063	+0.00440292	+0.00263442		
C/2001 N2	2001 08 25.94300	21 50 21.12	+40 02 40.5	17.0 T	213	C/2001 P1	2001 08 05.17090	08 53 34.6	+16 25 39		249
C/2001 N2	2001 08 25.95016	21 50 20.29	+40 02 39.5	17.1 T	213	Geocentric position (AU)	-0.00706226	+0.00440136	+0.00263362		
C/2001 N2	2001 08 25.95375	21 50 20.13	+40 02 37.3	17.1 T	213	C/2001 P1	2001 08 05.18756	08 54 02.0	+16 26 55		249
C/2001 N2	2001 08 26.93596	21 48 23.47	+39 56 59.4	17.1 T	213	Geocentric position (AU)	-0.00706552	+0.00439823	+0.00263202		
C/2001 N2	2001 08 26.93815	21 48 23.15	+39 56 59.4	17.1 T	213						

C/2001 P1	2001 08 05.20425	08 54 29.7	+16 28 12	249	C/2001 Q1	2001 08 18.34417	20 56 41.15	-08 14 39.9	18.8 T	644	
Geocentric position (AU)	-0.00706877	+0.00439510	+0.00263041		C/2001 Q1	2001 08 18.84975	20 56 27.66	-08 19 18.5		611	
C/2001 P1	2001 08 05.21256	08 54 43.0	+16 28 47	249	C/2001 Q1	2001 08 18.85855	20 56 27.58	-08 19 21.1		611	
Geocentric position (AU)	-0.00707040	+0.00439354	+0.00262961		C/2001 Q1	2001 08 18.86082	20 56 27.21	-08 19 21.3	18.0 T	046	
C/2001 P1	2001 08 05.22923	08 55 11.7	+16 30 13	249	C/2001 Q1	2001 08 18.86267	20 56 27.37	-08 19 22.4		046	
Geocentric position (AU)	-0.00707365	+0.00439041	+0.00262801		C/2001 Q1	2001 08 18.86635	20 56 27.34	-08 19 23.4		046	
C/2001 P1	2001 08 05.24590	08 55 40.5	+16 31 31	249	C/2001 Q1	2001 08 18.87013	20 56 26.96	-08 19 27.7		557	
Geocentric position (AU)	-0.00707690	+0.00438728	+0.00262640		C/2001 Q1	2001 08 18.87171	20 56 26.90	-08 19 26.7		046	
C/2001 P1	2001 08 05.25423	08 55 55.0	+16 32 13	249	C/2001 Q1	2001 08 18.88105	20 56 26.62	-08 19 33.6		557	
Geocentric position (AU)	-0.00707852	+0.00438572	+0.00262560		C/2001 Q1	2001 08 18.89007	20 56 26.51	-08 19 38.3		557	
C/2001 P1	2001 08 05.27090	08 56 24.5	+16 33 34	249	C/2001 Q1	2001 08 18.93903	20 56 25.26	-08 20 04.3		952	
Geocentric position (AU)	-0.00708177	+0.00438259	+0.00262399		C/2001 Q1	2001 08 18.94309	20 56 25.06	-08 20 05.9		952	
C/2001 P1	2001 08 05.28757	08 56 54.4	+16 35 03	249	C/2001 Q1	2001 08 18.97153	20 56 24.58	-08 20 17.9		952	
Geocentric position (AU)	-0.00708502	+0.00437946	+0.00262239		C/2001 Q1	2001 08 19.90237	20 55 59.17	-08 28 50.6	17.9 T	046	
C/2001 P2 (SOHO)					C/2001 Q1	2001 08 19.90448	20 55 59.13	-08 28 51.2		046	
C/2001 P2	2001 08 15.22091	09 22 44.7	+13 01 39	249	C/2001 Q1	2001 08 19.91292	20 55 58.89	-08 28 56.2		046	
Geocentric position (AU)	-0.00875293	+0.00244825	+0.00159127		C/2001 Q1	2001 08 19.91473	20 55 58.85	-08 28 57.3		046	
C/2001 P2	2001 08 15.23756	09 23 08.8	+13 03 25	249	C/2001 Q1	2001 08 22.01240	20 55 03.27	-08 48 04.8	18.2 T	170	
Geocentric position (AU)	-0.00875524	+0.00244491	+0.00158943		C/2001 Q1	2001 08 22.02981	20 55 03.15	-08 48 12.1	18.2 T	170	
C/2001 P2	2001 08 15.26256	09 23 39.7	+13 05 31	249	C/2001 Q1	2001 08 23.62044	20 54 21.47	-09 02 39.3	18.2 T	402	
Geocentric position (AU)	-0.00875872	+0.00243990	+0.00158667		C/2001 Q1	2001 08 23.62516	20 54 21.35	-09 02 41.8		402	
C/2001 P2	2001 08 15.27924	09 24 01.7	+13 07 04	249	C/2001 Q1	2001 08 23.62988	20 54 21.25	-09 02 43.4		402	
Geocentric position (AU)	-0.00876103	+0.00243656	+0.00158483		C/2001 Q1	2001 08 24.14579	20 54 08.15	-09 07 24.1	17.0 T	699	
C/2001 P2	2001 08 15.32125	09 24 55.6	+13 10 51	249	C/2001 Q1	2001 08 24.15822	20 54 07.82	-09 07 32.2		699	
Geocentric position (AU)	-0.00876686	+0.00242814	+0.00158019		C/2001 Q1	2001 08 24.17068	20 54 07.39	-09 07 39.4		699	
C/2001 P2	2001 08 15.34590	09 25 27.6	+13 12 44	249	C/2001 Q1	2001 08 24.18314	20 54 07.13	-09 07 46.0		699	
Geocentric position (AU)	-0.00877027	+0.00242320	+0.00157746		C/2001 Q1	2001 08 24.20629	20 54 06.42	-09 07 56.5	19.4 T	704	
C/2001 P2	2001 08 15.36256	09 25 51.8	+13 14 43	249	C/2001 Q1	2001 08 24.23332	20 54 05.81	-09 08 12.2	19.5 T	704	
Geocentric position (AU)	-0.00877257	+0.00241986	+0.00157562		C/2001 Q1	2001 08 24.24743	20 54 05.45	-09 08 19.1	19.0 T	704	
C/2001 P2	2001 08 15.40453	09 26 48.6	+13 17 58	249	C/2001 Q1	2001 08 24.26097	20 54 05.05	-09 08 28.4	19.7 T	704	
Geocentric position (AU)	-0.00877837	+0.00241144	+0.00157098		C/2001 Q1	2001 08 26.86417	20 52 59.50	-09 32 01.3	18.1 T	046	
C/2001 P2	2001 08 15.43060	09 27 25.2	+13 20 46	249	C/2001 Q1	2001 08 26.86546	20 52 59.54	-09 32 03.0		046	
Geocentric position (AU)	-0.00878196	+0.00240621	+0.00156810		C/2001 Q1	2001 08 26.86678	20 52 59.41	-09 32 03.0		046	
C/2001 P2	2001 08 15.44590	09 27 51.8	+13 22 05	249	P/2001 Q2 (Petriew)						
Geocentric position (AU)	-0.00878407	+0.00240314	+0.00156641		P/2001 Q2	2001 08 19.45502	05 37 59.10	+27 47 07.8	13.2 T	921	
C/2001 P2	2001 08 15.47090	09 28 28.1	+13 24 27	249	P/2001 Q2	2001 08 19.46173	05 38 01.45	+27 46 58.4	13.0 T	921	
Geocentric position (AU)	-0.00878751	+0.00239813	+0.00156364		P/2001 Q2	2001 08 19.47459	05 38 05.77	+27 46 45.4	13.4 T	921	
C/2001 P2	2001 08 15.48756	09 28 51.5	+13 25 40	249	P/2001 Q2	2001 08 19.48078	05 38 07.88	+27 46 36.9	13.4 T	921	
Geocentric position (AU)	-0.00878980	+0.00239479	+0.00156179		P/2001 Q2	2001 08 20.07522	05 41 32.03	+27 34 34.1		557	
C/2001 Q1 (NEAT)					P/2001 Q2	2001 08 20.08395	05 41 35.00	+27 34 23.6		557	
C/2001 Q1	2001 07 16.26400	21 11 37.20	-03 33 09.2	17.0 N	699	P/2001 Q2	2001 08 20.71434	05 45 09.98	+27 21 25.5	349	
C/2001 Q1	2001 07 16.28685	21 11 36.68	-03 33 17.5		699	P/2001 Q2	2001 08 20.72050	05 45 12.10	+27 21 18.2	349	
C/2001 Q1	2001 07 16.30951	21 11 36.14	-03 33 28.3		699	P/2001 Q2	2001 08 20.72175	05 45 12.46	+27 21 17.0	349	
C/2001 Q1	2001 07 16.33210	21 11 35.63	-03 33 38.9		699	P/2001 Q2	2001 08 20.72274	05 45 12.85	+27 21 15.2	12.4 T	349
C/2001 Q1	2001 08 17.20219	20 57 12.27	-08 04 17.1	18.8 T	644	P/2001 Q2	2001 08 21.04895	05 47 03.25	+27 14 24.8	13.3 T	151
C/2001 Q1	2001 08 17.21284	20 57 11.99	-08 04 23.2	18.5 T	644	P/2001 Q2	2001 08 21.04971	05 47 03.45	+27 14 23.1		107
C/2001 Q1	2001 08 17.22340	20 57 11.69	-08 04 29.2	18.5 T	644	P/2001 Q2	2001 08 21.05141	05 47 04.11	+27 14 21.2		107
C/2001 Q1	2001 08 18.22364	20 56 44.47	-08 13 34.2	19.0 T	644	P/2001 Q2	2001 08 21.05334	05 47 04.71	+27 14 18.9	13.5 T	151
C/2001 Q1	2001 08 18.23424	20 56 44.17	-08 13 40.0	19.0 T	644	P/2001 Q2	2001 08 21.05701	05 47 05.97	+27 14 13.7		620
C/2001 Q1	2001 08 18.24519	20 56 43.88	-08 13 46.1	19.1 T	644	P/2001 Q2	2001 08 21.05800	05 47 06.21	+27 14 13.6	11.2 T	151
C/2001 Q1	2001 08 18.32394	20 56 41.70	-08 14 29.0	18.8 T	644	P/2001 Q2	2001 08 21.05990	05 47 06.90	+27 14 10.2	11.7 T	151
C/2001 Q1	2001 08 18.33415	20 56 41.41	-08 14 34.6	18.5 T	644	P/2001 Q2	2001 08 21.06734	05 47 09.47	+27 14 01.0	13.8 T	620

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P/2001 Q2	2001 08 21.06889	05 47 09.98	+27 13 59.1		620	P/2001 Q2	2001 08 21.38415	05 48 56.17	+27 07 20.6	14.7 N	762
P/2001 Q2	2001 08 21.06899	05 47 09.96	+27 13 58.9	13.8 T	170	P/2001 Q2	2001 08 21.38732	05 48 57.14	+27 07 17.1	14.1 N	762
P/2001 Q2	2001 08 21.07193	05 47 10.92	+27 13 56.0	14.0 N	595	P/2001 Q2	2001 08 21.38984	05 48 57.98	+27 07 11.4	14.4 N	762
P/2001 Q2	2001 08 21.07370	05 47 11.63	+27 13 53.0	13.7 T	170	P/2001 Q2	2001 08 21.39306	05 48 58.93	+27 07 08.2	14.1 N	762
P/2001 Q2	2001 08 21.07505	05 47 11.95	+27 13 51.8		595	P/2001 Q2	2001 08 21.39812	05 49 00.71	+27 07 02.4	13.9 N	762
P/2001 Q2	2001 08 21.07516	05 47 12.09	+27 13 51.3		620	P/2001 Q2	2001 08 21.39992	05 49 01.46	+27 07 00.6	14.1 N	762
P/2001 Q2	2001 08 21.07883	05 47 13.27	+27 13 46.9	13.8 T	170	P/2001 Q2	2001 08 21.40301	05 49 02.42	+27 06 56.1	14.2 N	762
P/2001 Q2	2001 08 21.07980	05 47 13.59	+27 13 46.1		595	P/2001 Q2	2001 08 21.40731	05 49 03.63	+27 06 52.0	13.9 N	762
P/2001 Q2	2001 08 21.08350	05 47 14.84	+27 13 40.9		595	P/2001 Q2	2001 08 21.40932	05 49 04.55	+27 06 48.7	14.0 N	762
P/2001 Q2	2001 08 21.08568	05 47 15.65	+27 13 38.2		620	P/2001 Q2	2001 08 21.41198	05 49 05.45	+27 06 45.9	14.0 N	762
P/2001 Q2	2001 08 21.08611	05 47 15.77	+27 13 37.7	13.7 T	170	P/2001 Q2	2001 08 21.41438	05 49 06.32	+27 06 42.1	13.9 N	762
P/2001 Q2	2001 08 21.09451	05 47 18.53	+27 13 27.4	13.7 N	170	P/2001 Q2	2001 08 21.75972	05 51 02.24	+26 59 20.8	10.7 T	372
P/2001 Q2	2001 08 21.09958	05 47 20.33	+27 13 20.9	13.8 N	170	P/2001 Q2	2001 08 21.78365	05 51 10.21	+26 58 49.5	12.6 T	300
P/2001 Q2	2001 08 21.10616	05 47 22.53	+27 13 12.6	13.7 N	213	P/2001 Q2	2001 08 21.78731	05 51 11.40	+26 58 45.1		300
P/2001 Q2	2001 08 21.10676	05 47 22.73	+27 13 12.2	13.7 N	213	P/2001 Q2	2001 08 21.78818	05 51 11.71	+26 58 44.2		300
P/2001 Q2	2001 08 21.10824	05 47 23.22	+27 13 09.9	13.7 N	213	P/2001 Q2	2001 08 21.78992	05 51 12.31	+26 58 41.6		300
P/2001 Q2	2001 08 21.10931	05 47 23.51	+27 13 08.9	13.7 N	213	P/2001 Q2	2001 08 21.79079	05 51 12.61	+26 58 40.5		300
P/2001 Q2	2001 08 21.11042	05 47 23.95	+27 13 07.8	13.7 N	213	P/2001 Q2	2001 08 21.80580	05 51 17.54	+26 58 22.0	10.7 T	372
P/2001 Q2	2001 08 21.11289	05 47 24.79	+27 13 04.9	13.7 N	213	P/2001 Q2	2001 08 21.80736	05 51 18.15	+26 58 19.6	10.7 T	372
P/2001 Q2	2001 08 21.11399	05 47 25.15	+27 13 03.2	13.7 N	213	P/2001 Q2	2001 08 22.01227	05 52 26.24	+26 53 47.4		611
P/2001 Q2	2001 08 21.11546	05 47 25.72	+27 13 01.1	13.8 N	170	P/2001 Q2	2001 08 22.01400	05 52 26.87	+26 53 46.1		611
P/2001 Q2	2001 08 21.12156	05 47 27.62	+27 12 53.4	11.0 T	627	P/2001 Q2	2001 08 22.08513	05 52 50.80	+26 52 17.1	13.5 N	952
P/2001 Q2	2001 08 21.12339	05 47 28.24	+27 12 51.0	11.2 T	627	P/2001 Q2	2001 08 22.09207	05 52 53.09	+26 52 08.8	13.6 N	952
P/2001 Q2	2001 08 21.12353	05 47 28.36	+27 12 52.9		470	P/2001 Q2	2001 08 22.09418	05 52 53.87	+26 52 06.6	13.6 N	952
P/2001 Q2	2001 08 21.12470	05 47 28.68	+27 12 51.0	12.9 T	470	P/2001 Q2	2001 08 22.09861	05 52 55.32	+26 52 00.5	13.6 N	952
P/2001 Q2	2001 08 21.12520	05 47 28.85	+27 12 48.8	11.1 T	627	P/2001 Q2	2001 08 22.10102	05 52 56.15	+26 51 56.7	13.7 N	952
P/2001 Q2	2001 08 21.12583	05 47 29.03	+27 12 50.0	12.7 T	470	P/2001 Q2	2001 08 22.10655	05 52 58.03	+26 51 49.8	13.3 N	213
P/2001 Q2	2001 08 21.12702	05 47 29.47	+27 12 46.6	11.1 T	627	P/2001 Q2	2001 08 22.10675	05 52 58.04	+26 51 50.1	13.7 N	952
P/2001 Q2	2001 08 21.12880	05 47 30.07	+27 12 44.3	11.1 T	627	P/2001 Q2	2001 08 22.10807	05 52 58.47	+26 51 47.3	13.3 N	213
P/2001 Q2	2001 08 21.13442	05 47 32.02	+27 12 37.4		946	P/2001 Q2	2001 08 22.10958	05 52 58.89	+26 51 45.2	13.3 N	213
P/2001 Q2	2001 08 21.13552	05 47 32.39	+27 12 36.1		946	P/2001 Q2	2001 08 22.11109	05 52 59.45	+26 51 43.7	13.3 N	213
P/2001 Q2	2001 08 21.13819	05 47 33.29	+27 12 32.8		946	P/2001 Q2	2001 08 22.11172	05 52 59.71	+26 51 43.2	13.6 N	952
P/2001 Q2	2001 08 21.13956	05 47 33.84	+27 12 30.9	11.9 T	586	P/2001 Q2	2001 08 22.11260	05 52 59.93	+26 51 41.2	13.3 N	213
P/2001 Q2	2001 08 21.13992	05 47 33.86	+27 12 30.5		946	P/2001 Q2	2001 08 22.12141	05 53 03.04	+26 51 29.7	13.5 N	941
P/2001 Q2	2001 08 21.14141	05 47 34.37	+27 12 28.6		946	P/2001 Q2	2001 08 22.12170	05 53 03.00	+26 51 30.0	13.3 N	213
P/2001 Q2	2001 08 21.14312	05 47 35.03	+27 12 26.5		586	P/2001 Q2	2001 08 22.12322	05 53 03.44	+26 51 28.3	13.3 N	213
P/2001 Q2	2001 08 21.14723	05 47 36.52	+27 12 21.3	13.8 N	170	P/2001 Q2	2001 08 22.12344	05 53 03.70	+26 51 27.2	13.5 N	941
P/2001 Q2	2001 08 21.14936	05 47 37.10	+27 12 18.9		586	P/2001 Q2	2001 08 22.12472	05 53 03.97	+26 51 25.9	13.3 N	213
P/2001 Q2	2001 08 21.15203	05 47 38.01	+27 12 15.4		586	P/2001 Q2	2001 08 22.12510	05 53 04.31	+26 51 25.1	13.5 N	941
P/2001 Q2	2001 08 21.15318	05 47 38.33	+27 12 15.6	13.9 T	232	P/2001 Q2	2001 08 22.12624	05 53 04.48	+26 51 23.7	13.3 N	213
P/2001 Q2	2001 08 21.15411	05 47 38.73	+27 12 12.6		586	P/2001 Q2	2001 08 22.12774	05 53 04.92	+26 51 22.5	13.3 N	213
P/2001 Q2	2001 08 21.15524	05 47 39.09	+27 12 11.2		170	P/2001 Q2	2001 08 22.12925	05 53 05.43	+26 51 20.2	13.3 N	213
P/2001 Q2	2001 08 21.15804	05 47 40.22	+27 12 09.1	14.1 T	232	P/2001 Q2	2001 08 22.13075	05 53 05.99	+26 51 17.8	13.3 N	213
P/2001 Q2	2001 08 21.15814	05 47 40.13	+27 12 07.7		170	P/2001 Q2	2001 08 22.13227	05 53 06.50	+26 51 16.5	13.3 N	213
P/2001 Q2	2001 08 21.16010	05 47 40.74	+27 12 05.2		586	P/2001 Q2	2001 08 22.13378	05 53 07.02	+26 51 14.1	13.3 N	213
P/2001 Q2	2001 08 21.16086	05 47 40.98	+27 12 04.4		586	P/2001 Q2	2001 08 22.15778	05 53 14.98	+26 50 44.0		586
P/2001 Q2	2001 08 21.16185	05 47 41.32	+27 12 03.0		586	P/2001 Q2	2001 08 22.16277	05 53 16.63	+26 50 37.5		586
P/2001 Q2	2001 08 21.16264	05 47 41.58	+27 12 02.0		586	P/2001 Q2	2001 08 22.16398	05 53 17.04	+26 50 36.0		586
P/2001 Q2	2001 08 21.16419	05 47 42.09	+27 12 00.1		586	P/2001 Q2	2001 08 22.16543	05 53 17.50	+26 50 34.1		586
P/2001 Q2	2001 08 21.16551	05 47 42.47	+27 11 58.9	14.1 T	232	P/2001 Q2	2001 08 22.16711	05 53 18.07	+26 50 32.0		586
P/2001 Q2	2001 08 21.17042	05 47 44.27	+27 11 52.8	13.9 T	232	P/2001 Q2	2001 08 22.16831	05 53 18.47	+26 50 30.4		586
P/2001 Q2	2001 08 21.17874	05 47 46.86	+27 11 40.2	13.6 N	458	P/2001 Q2	2001 08 22.71602	05 56 20.08	+26 38 29.5		342
P/2001 Q2	2001 08 21.19022	05 47 50.77	+27 11 27.5	13.5 N	458	P/2001 Q2	2001 08 22.72912	05 56 24.42	+26 38 12.6		342

P/2001 Q2	2001 08 22.73891	05 56 27.57	+26 38 00.3		349	P/2001 Q2	2001 08 25.12730	06 09 22.67	+25 43 44.0	13.3 N	213
P/2001 Q2	2001 08 22.74013	05 56 27.95	+26 37 58.5		349	P/2001 Q2	2001 08 25.13703	06 09 25.71	+25 43 30.7	13.9 N	170
P/2001 Q2	2001 08 22.74092	05 56 28.31	+26 37 57.5		342	P/2001 Q2	2001 08 25.13751	06 09 25.63	+25 43 30.8		157
P/2001 Q2	2001 08 22.78376	05 56 42.32	+26 37 01.9		349	P/2001 Q2	2001 08 25.13899	06 09 26.26	+25 43 30.3		157
P/2001 Q2	2001 08 22.78542	05 56 42.85	+26 36 59.6	11.8 T	349	P/2001 Q2	2001 08 25.13941	06 09 26.42	+25 43 27.2	13.3 N	213
P/2001 Q2	2001 08 23.10244	05 58 27.21	+26 29 54.9	13.8 N	170	P/2001 Q2	2001 08 25.14091	06 09 26.89	+25 43 25.5	13.3 N	213
P/2001 Q2	2001 08 23.11979	05 58 33.39	+26 29 32.7	13.8 N	170	P/2001 Q2	2001 08 25.14243	06 09 27.38	+25 43 22.7	13.3 N	213
P/2001 Q2	2001 08 23.13074	05 58 36.45	+26 29 17.7	13.8 N	170	P/2001 Q2	2001 08 25.14395	06 09 27.88	+25 43 21.0	13.3 N	213
P/2001 Q2	2001 08 23.13606	05 58 38.30	+26 29 10.1	13.8 N	170	P/2001 Q2	2001 08 25.14698	06 09 28.73	+25 43 16.9	13.3 N	213
P/2001 Q2	2001 08 23.15318	05 58 43.92	+26 28 48.4	14.1 T	232	P/2001 Q2	2001 08 25.14850	06 09 29.31	+25 43 14.7	13.3 N	213
P/2001 Q2	2001 08 23.16596	05 58 48.06	+26 28 30.2	13.6 N	458	P/2001 Q2	2001 08 25.14977	06 09 29.71	+25 43 12.8	13.9 N	170
P/2001 Q2	2001 08 23.17424	05 58 50.74	+26 28 19.8	13.6 N	458	P/2001 Q2	2001 08 25.15660	06 09 31.92	+25 43 02.8	12.6 T	234
P/2001 Q2	2001 08 23.17594	05 58 51.24	+26 28 18.0		232	P/2001 Q2	2001 08 25.15781	06 09 32.31	+25 43 00.8	12.7 T	234
P/2001 Q2	2001 08 23.17706	05 58 51.57	+26 28 16.9		232	P/2001 Q2	2001 08 25.15868	06 09 32.55	+25 42 59.3	12.7 T	234
P/2001 Q2	2001 08 23.17853	05 58 52.18	+26 28 14.7		232	P/2001 Q2	2001 08 25.15955	06 09 32.82	+25 42 58.4	12.8 T	234
P/2001 Q2	2001 08 23.17969	05 58 52.60	+26 28 13.2	14.2 T	232	P/2001 Q2	2001 08 25.16042	06 09 33.10	+25 42 57.1	12.9 T	234
P/2001 Q2	2001 08 23.18494	05 58 54.09	+26 28 04.9	13.7 N	458	P/2001 Q2	2001 08 25.16128	06 09 33.35	+25 42 56.3	12.8 T	234
P/2001 Q2	2001 08 23.44555	06 00 19.66	+26 22 15.8	13.7 T	921	P/2001 Q2	2001 08 26.06235	06 14 18.81	+25 21 41.4	13.8 N	235
P/2001 Q2	2001 08 23.47013	06 00 27.60	+26 21 45.1	13.0 T	921	P/2001 Q2	2001 08 26.10728	06 14 32.93	+25 20 38.2	14.2 T	204
P/2001 Q2	2001 08 23.77630	06 02 07.59	+26 14 49.3	11.4 T	402	P/2001 Q2	2001 08 26.10953	06 14 33.60	+25 20 34.5	13.7 N	213
P/2001 Q2	2001 08 23.77892	06 02 08.43	+26 14 45.9		402	P/2001 Q2	2001 08 26.11159	06 14 34.27	+25 20 31.9	14.0 T	204
P/2001 Q2	2001 08 23.78156	06 02 09.28	+26 14 42.4		402	P/2001 Q2	2001 08 26.11406	06 14 34.99	+25 20 28.4	13.7 N	213
P/2001 Q2	2001 08 24.06196	06 03 40.18	+26 08 17.7	13.6 N	235	P/2001 Q2	2001 08 26.11564	06 14 35.67	+25 20 28.1	14.4 T	204
P/2001 Q2	2001 08 24.11897	06 03 58.63	+26 07 00.0	14.1 N	046	P/2001 Q2	2001 08 26.11866	06 14 36.47	+25 20 21.7	13.7 N	213
P/2001 Q2	2001 08 24.11987	06 03 58.90	+26 06 59.0		046	P/2001 Q2	2001 08 26.12322	06 14 38.00	+25 20 15.6	13.7 N	213
P/2001 Q2	2001 08 24.12027	06 03 59.06	+26 06 58.3		046	P/2001 Q2	2001 08 26.12466	06 14 38.44	+25 20 14.1	14.3 N	952
P/2001 Q2	2001 08 24.12066	06 03 59.19	+26 06 57.9		046	P/2001 Q2	2001 08 26.12576	06 14 38.80	+25 20 12.4	14.3 N	952
P/2001 Q2	2001 08 24.12108	06 03 59.32	+26 06 57.6		046	P/2001 Q2	2001 08 26.12656	06 14 39.09	+25 20 11.4	14.3 N	952
P/2001 Q2	2001 08 24.12221	06 03 59.70	+26 06 55.8		046	P/2001 Q2	2001 08 26.12779	06 14 39.24	+25 20 09.2	13.7 N	213
P/2001 Q2	2001 08 24.12310	06 04 00.02	+26 06 54.3	13.8 N	170	P/2001 Q2	2001 08 26.13236	06 14 40.71	+25 20 01.6	13.7 N	213
P/2001 Q2	2001 08 24.12348	06 04 00.09	+26 06 53.9		046	P/2001 Q2	2001 08 26.13541	06 14 41.73	+25 19 58.5	13.7 N	213
P/2001 Q2	2001 08 24.12581	06 04 00.91	+26 06 50.9	13.8 N	170	P/2001 Q2	2001 08 26.13998	06 14 43.11	+25 19 52.2	13.7 N	213
P/2001 Q2	2001 08 24.12963	06 04 02.13	+26 06 45.6	13.8 N	170	P/2001 Q2	2001 08 26.14398	06 14 44.36	+25 19 47.1		232
P/2001 Q2	2001 08 24.38271	06 05 23.93	+26 00 59.2	13.8 N	850	P/2001 Q2	2001 08 26.14691	06 14 45.41	+25 19 41.8		232
P/2001 Q2	2001 08 24.39375	06 05 27.43	+26 00 43.9	13.7 N	850	P/2001 Q2	2001 08 26.14911	06 14 46.01	+25 19 39.3	13.7 N	213
P/2001 Q2	2001 08 24.41188	06 05 33.25	+26 00 19.1	13.7 N	850	P/2001 Q2	2001 08 26.15368	06 14 47.49	+25 19 32.7	13.7 N	213
P/2001 Q2	2001 08 24.72456	06 07 13.77	+25 53 05.8	11.5 T	886	P/2001 Q2	2001 08 26.15477	06 14 47.87	+25 19 31.2		232
P/2001 Q2	2001 08 24.72815	06 07 14.97	+25 53 01.0		886	P/2001 Q2	2001 08 26.15677	06 14 48.52	+25 19 28.4		232
P/2001 Q2	2001 08 24.73178	06 07 15.98	+25 52 55.8		886	P/2001 Q2	2001 08 26.15825	06 14 48.78	+25 19 26.1	13.7 N	213
P/2001 Q2	2001 08 25.07368	06 09 05.48	+25 44 57.5		636	P/2001 Q2	2001 08 26.16738	06 14 51.73	+25 19 13.3	13.7 N	213
P/2001 Q2	2001 08 25.07863	06 09 07.09	+25 44 51.0		636	P/2001 Q2	2001 08 26.17043	06 14 52.71	+25 19 08.2	13.7 N	213
P/2001 Q2	2001 08 25.08359	06 09 08.69	+25 44 44.7		636	P/2001 Q2	2001 08 26.17500	06 14 54.04	+25 19 03.0	13.7 N	213
P/2001 Q2	2001 08 25.12051	06 09 20.37	+25 43 53.0	13.3 N	213	P/2001 Q2	2001 08 26.77309	06 18 01.20	+25 04 43.8	11.2 T	372
P/2001 Q2	2001 08 25.12118	06 09 20.63	+25 43 52.6		046	P/2001 Q2	2001 08 26.81590	06 18 14.44	+25 03 42.4		372
P/2001 Q2	2001 08 25.12164	06 09 20.78	+25 43 51.9		046	P/2001 Q2	2001 08 27.14399	06 19 56.44	+24 55 44.6	13.8 N	170
P/2001 Q2	2001 08 25.12211	06 09 20.93	+25 43 51.3		046	P/2001 Q2	2001 08 27.15235	06 19 58.91	+24 55 32.7	13.8 N	170
P/2001 Q2	2001 08 25.12235	06 09 20.96	+25 43 50.9	13.3 N	213	P/2001 Q2	2001 08 27.77219	06 23 09.87	+24 40 27.8	11.8 T	372
P/2001 Q2	2001 08 25.12249	06 09 21.05	+25 43 50.7	14.4 N	046	P/2001 Q2	2001 08 27.77803	06 23 11.68	+24 40 19.2		300
P/2001 Q2	2001 08 25.12321	06 09 21.27	+25 43 49.8	13.9 N	170	P/2001 Q2	2001 08 27.77845	06 23 11.84	+24 40 18.9		300
P/2001 Q2	2001 08 25.12345	06 09 21.39	+25 43 49.2	13.3 N	213	P/2001 Q2	2001 08 27.77888	06 23 11.97	+24 40 17.9		300
P/2001 Q2	2001 08 25.12382	06 09 21.40	+25 43 49.0	13.3 N	213	P/2001 Q2	2001 08 27.77929	06 23 12.12	+24 40 17.1		300
P/2001 Q2	2001 08 25.12567	06 09 22.08	+25 43 46.5	13.9 N	170	P/2001 Q2	2001 08 27.77971	06 23 12.22	+24 40 16.4		300
P/2001 Q2	2001 08 25.12579	06 09 22.09	+25 43 46.1	13.3 N	213	P/2001 Q2	2001 08 27.78013	06 23 12.33	+24 40 16.3		300

C/2001 Q3 (SOHO)					
C/2001 Q3	2001 08	25.33756	10 15 07.0	+12 34 40	249
Geocentric position (AU)		-0.00978152	+0.00045048	+0.00045077	
C/2001 Q3	2001 08	25.35571	10 15 10.1	+12 30 03	249
Geocentric position (AU)		-0.00978269	+0.00044712	+0.00044876	
C/2001 Q3	2001 08	25.37923	10 15 16.7	+12 24 56	249
Geocentric position (AU)		-0.00978420	+0.00044277	+0.00044616	
C/2001 Q3	2001 08	25.40978	10 15 19.1	+12 15 45	249
Geocentric position (AU)		-0.00978617	+0.00043712	+0.00044279	
C/2001 Q3	2001 08	25.43752	10 15 25.1	+12 08 17	249
Geocentric position (AU)		-0.00978794	+0.00043199	+0.00043973	
C/2001 Q3	2001 08	25.45145	10 15 27.7	+12 05 04	249
Geocentric position (AU)		-0.00978883	+0.00042941	+0.00043819	
C/2001 Q3	2001 08	25.46256	10 15 30.9	+12 02 26	249
Geocentric position (AU)		-0.00978954	+0.00042736	+0.00043696	
C/2001 Q3	2001 08	25.47645	10 15 33.9	+11 58 37	249
Geocentric position (AU)		-0.00979043	+0.00042480	+0.00043543	
C/2001 Q3	2001 08	25.49314	10 15 36.8	+11 54 34	249
Geocentric position (AU)		-0.00979149	+0.00042172	+0.00043359	
C/2001 Q3	2001 08	25.50423	10 15 39.0	+11 51 39	249
Geocentric position (AU)		-0.00979220	+0.00041967	+0.00043237	
C/2001 Q3	2001 08	25.51926	10 15 41.9	+11 47 36	249
Geocentric position (AU)		-0.00979315	+0.00041690	+0.00043071	
C/2001 Q3	2001 08	25.53479	10 15 44.4	+11 43 18	249
Geocentric position (AU)		-0.00979414	+0.00041403	+0.00042900	
C/2001 Q3	2001 08	25.97645	10 17 16.5	+09 45 53	249
Geocentric position (AU)		-0.00982153	+0.00033298	+0.00038045	
C/2001 Q3	2001 08	25.99312	10 17 20.0	+09 41 43	249
Geocentric position (AU)		-0.00982254	+0.00032994	+0.00037863	
C/2001 Q3	2001 08	26.00425	10 17 22.2	+09 38 54	249
Geocentric position (AU)		-0.00982322	+0.00032791	+0.00037741	
C/2001 Q3	2001 08	26.01894	10 17 25.3	+09 35 12	249
Geocentric position (AU)		-0.00982410	+0.00032523	+0.00037580	
C/2001 Q3	2001 08	26.03479	10 17 29.0	+09 31 17	249
Geocentric position (AU)		-0.00982506	+0.00032234	+0.00037406	
C/2001 Q3	2001 08	26.06063	10 17 34.0	+09 24 58	249
Geocentric position (AU)		-0.00982662	+0.00031763	+0.00037123	
C/2001 Q3	2001 08	26.07646	10 17 37.9	+09 21 13	249
Geocentric position (AU)		-0.00982757	+0.00031475	+0.00036950	
C/2001 Q3	2001 08	26.08759	10 17 40.5	+09 18 35	249
Geocentric position (AU)		-0.00982824	+0.00031272	+0.00036828	
C/2001 Q3	2001 08	26.10222	10 17 43.6	+09 15 08	249
Geocentric position (AU)		-0.00982912	+0.00031006	+0.00036668	
C/2001 Q3	2001 08	26.11812	10 17 47.6	+09 11 32	249
Geocentric position (AU)		-0.00983007	+0.00030716	+0.00036494	
C/2001 Q3	2001 08	26.13756	10 17 51.4	+09 07 20	249
Geocentric position (AU)		-0.00983123	+0.00030363	+0.00036282	
C/2001 Q3	2001 08	26.14320	10 17 53.1	+09 05 54	249
Geocentric position (AU)		-0.00983157	+0.00030260	+0.00036220	
C/2001 Q3	2001 08	26.15425	10 17 53.2	+09 04 10	249
Geocentric position (AU)		-0.00983223	+0.00030060	+0.00036099	
C/2001 Q3	2001 08	26.15979	10 17 56.8	+09 02 11	249
Geocentric position (AU)		-0.00983256	+0.00029958	+0.00036038	

C/2001 Q3	2001 08	26.17092	10 17 59.5	+08 59 45	249
Geocentric position (AU)		-0.00983322	+0.00029756	+0.00035917	
C/2001 Q3	2001 08	26.18558	10 18 02.2	+08 56 39	249
Geocentric position (AU)		-0.00983410	+0.00029489	+0.00035756	
C/2001 Q3	2001 08	26.22098	10 18 10.5	+08 49 36	249
Geocentric position (AU)		-0.00983619	+0.00028847	+0.00035370	
C/2001 Q3	2001 08	26.22646	10 18 12.0	+08 48 23	249
Geocentric position (AU)		-0.00983652	+0.00028747	+0.00035310	
C/2001 Q3	2001 08	26.23756	10 18 14.2	+08 46 48	249
Geocentric position (AU)		-0.00983718	+0.00028546	+0.00035189	
C/2001 Q3	2001 08	26.24312	10 18 16.0	+08 45 18	249
Geocentric position (AU)		-0.00983751	+0.00028445	+0.00035128	
C/2001 Q3	2001 08	26.27928	10 18 23.6	+08 39 18	249
Geocentric position (AU)		-0.00983964	+0.00027790	+0.00034733	
C/2001 Q3	2001 08	26.32091	10 18 34.1	+08 31 55	249
Geocentric position (AU)		-0.00984209	+0.00027035	+0.00034279	
C/2001 Q3	2001 08	26.36262	10 18 44.5	+08 26 11	249
Geocentric position (AU)		-0.00984453	+0.00026280	+0.00033824	
C/2001 Q3	2001 08	26.38756	10 18 50.7	+08 23 24	249
Geocentric position (AU)		-0.00984599	+0.00025829	+0.00033552	
C/2001 Q3	2001 08	26.40425	10 18 53.2	+08 21 24	249
Geocentric position (AU)		-0.00984696	+0.00025527	+0.00033371	
C/2001 Q3	2001 08	26.44595	10 19 05.8	+08 17 24	249
Geocentric position (AU)		-0.00984938	+0.00024774	+0.00032916	
C/2001 Q3	2001 08	26.47090	10 19 13.2	+08 16 14	249
Geocentric position (AU)		-0.00985083	+0.00024324	+0.00032645	
C/2001 Q3	2001 08	26.48758	10 19 16.9	+08 15 02	249
Geocentric position (AU)		-0.00985179	+0.00024023	+0.00032463	
C/2001 Q3	2001 08	26.52929	10 19 28.9	+08 13 33	249
Geocentric position (AU)		-0.00985419	+0.00023271	+0.00032009	
C/2001 Q3	2001 08	26.57090	10 19 42.8	+08 14 03	249
Geocentric position (AU)		-0.00985658	+0.00022521	+0.00031557	
C/2001 Q3	2001 08	26.61262	10 19 50.0	+08 15 40	249
Geocentric position (AU)		-0.00985896	+0.00021771	+0.00031103	
C/2001 Q3	2001 08	26.63756	10 19 56.7	+08 16 06	249
Geocentric position (AU)		-0.00986038	+0.00021322	+0.00030832	
C/2001 Q3	2001 08	26.81065	10 20 49.6	+08 34 41	249
Geocentric position (AU)		-0.00987015	+0.00018217	+0.00028955	
C/2001 Q3	2001 08	26.82647	10 20 54.6	+08 36 54	249
Geocentric position (AU)		-0.00987103	+0.00017934	+0.00028783	
C/2001 Q3	2001 08	26.83756	10 20 57.1	+08 38 16	249
Geocentric position (AU)		-0.00987165	+0.00017735	+0.00028663	

C/2001 Q4 (NEAT)

C/2001 Q4	2001 08	24.40491	02 44 36.94	-24 58 42.0	20.0 T	644
C/2001 Q4	2001 08	24.41526	02 44 36.84	-24 58 45.1	19.5 T	644
C/2001 Q4	2001 08	24.42669	02 44 36.74	-24 58 48.5	18.7 T	644
C/2001 Q4	2001 08	24.78223	02 44 34.70	-25 00 34.7		2 422
C/2001 Q4	2001 08	24.78363	02 44 34.60	-25 00 35.3	18.9 T	2 422
C/2001 Q4	2001 08	24.79321	02 44 34.54	-25 00 38.5	18.8 T	2 422
C/2001 Q4	2001 08	24.79480	02 44 34.49	-25 00 38.8	18.6 T	422
C/2001 Q4	2001 08	26.39609	02 44 23.89	-25 08 43.5	19.2 T	644
C/2001 Q4	2001 08	26.40608	02 44 23.84	-25 08 46.9	19.3 T	644

19P	2001 07 13.48367	04 09 22.67	+01 53 44.5	13.4 T	673	19P	2001 08 11.497905	05 35 20.459	+10 04 03.58	673
19P	2001 07 13.48538	04 09 23.03	+01 53 45.0	12.5 T	673	19P	2001 08 12.489132	05 38 24.783	+10 20 27.12	673
19P	2001 07 13.48760	04 09 23.38	+01 53 48.0	12.5 T	673	19P	2001 08 12.492488	05 38 25.408	+10 20 30.29	673
19P	2001 07 13.48932	04 09 23.69	+01 53 50.1	12.4 T	673	19P	2001 08 13.14735	05 40 27.60	+10 31 18.4	13.4 N 170
19P	2001 07 13.49104	04 09 23.99	+01 53 50.9	13.1 T	673	19P	2001 08 13.14824	05 40 27.69	+10 31 19.0	13.4 N 170
19P	2001 07 20.44867	04 29 20.50	+03 52 22.8	12.4 T	673	19P	2001 08 13.489178	05 41 31.278	+10 36 56.82	673
19P	2001 07 20.45654	04 29 21.87	+03 52 30.9	11.9 T	673	19P	2001 08 13.492593	05 41 31.929	+10 37 00.21	673
19P	2001 07 20.46138	04 29 22.49	+03 52 36.0	11.9 T	673	19P	2001 08 13.79235	05 42 27.90	+10 42 02.2	13.7 N 422
19P	2001 07 20.46845	04 29 23.87	+03 52 43.9	12.2 T	673	19P	2001 08 13.79429	05 42 28.27	+10 42 04.0	13.7 N 422
19P	2001 07 20.47154	04 29 24.43	+03 52 47.1	12.4 T	673	19P	2001 08 13.79525	05 42 28.44	+10 42 05.0	13.7 N 422
19P	2001 07 20.47476	04 29 24.95	+03 52 50.6	12.1 T	673	19P	2001 08 13.79617	05 42 28.60	+10 42 05.8	13.8 N 422
19P	2001 07 20.47876	04 29 25.67	+03 52 54.4	12.5 T	673	19P	2001 08 15.11288	05 46 35.31	+11 03 38.1	11.4 T 470
19P	2001 07 20.48235	04 29 26.31	+03 52 58.5	12.1 T	673	19P	2001 08 15.11514	05 46 35.71	+11 03 40.1	470
19P	2001 07 20.48551	04 29 26.83	+03 53 00.9	12.4 T	673	19P	2001 08 15.11726	05 46 36.08	+11 03 42.6	470
19P	2001 07 20.48923	04 29 27.49	+03 53 05.3	11.9 T	673	19P	2001 08 15.78073	05 48 40.73	+11 14 40.3	14.3 N 422
19P	2001 07 20.49219	04 29 27.98	+03 53 07.6	12.6 T	673	19P	2001 08 15.78133	05 48 40.85	+11 14 40.9	14.7 N 422
19P	2001 07 20.49531	04 29 28.55	+03 53 11.4	11.5 T	673	19P	2001 08 15.78191	05 48 40.96	+11 14 41.5	13.9 N 422
19P	2001 07 20.49932	04 29 29.41	+03 53 13.3	12.3 T	673	19P	2001 08 15.78250	05 48 41.06	+11 14 42.1	14.7 N 422
19P	2001 07 25.499306	04 44 04.605	+05 18 18.01		673	19P	2001 08 15.79872	05 48 44.09	+11 14 57.9	14.8 N 422
19P	2001 07 25.502905	04 44 05.215	+05 18 21.80		673	19P	2001 08 15.79957	05 48 44.25	+11 14 58.8	14.0 N 422
19P	2001 07 28.496516	04 52 55.558	+06 09 08.51		673	19P	2001 08 17.13977	05 52 56.94	+11 36 47.0	13.1 N 170
19P	2001 07 29.496528	04 55 53.732	+06 26 04.29		673	19P	2001 08 18.79909	05 58 10.75	+12 03 51.1	13.9 N 422
19P	2001 07 31.80553	05 02 47.20	+07 05 12.0	14.6 N	422	19P	2001 08 18.79990	05 58 10.90	+12 03 51.9	14.1 N 422
19P	2001 07 31.80891	05 02 47.82	+07 05 15.5	14.6 N	422	19P	2001 08 18.80050	05 58 11.01	+12 03 52.6	13.9 N 422
19P	2001 07 31.80947	05 02 47.92	+07 05 16.0	14.6 N	422	19P	2001 08 18.80174	05 58 11.25	+12 03 53.7	14.1 N 422
19P	2001 07 31.81104	05 02 48.20	+07 05 17.6	14.5 N	422	19P	2001 08 18.80240	05 58 11.38	+12 03 54.4	14.1 N 422
19P	2001 07 31.81311	05 02 48.56	+07 05 19.7	14.6 N	422	19P	2001 08 19.80004	06 01 20.85	+12 20 03.2	13.2 N 422
19P	2001 07 31.82005	05 02 49.80	+07 05 26.5		413	19P	2001 08 19.80271	06 01 21.36	+12 20 05.9	14.2 N 422
19P	2001 07 31.82183	05 02 50.08	+07 05 28.5		413	19P	2001 08 19.80337	06 01 21.49	+12 20 06.3	13.4 N 422
19P	2001 07 31.82343	05 02 50.38	+07 05 30.3		413	19P	2001 08 19.80479	06 01 21.74	+12 20 07.7	13.5 N 422
19P	2001 08 03.76329	05 11 41.27	+07 54 55.8		349	19P	2001 08 19.80640	06 01 22.06	+12 20 09.3	13.6 N 422
19P	2001 08 03.76575	05 11 41.71	+07 54 58.4		349	19P	2001 08 19.80762	06 01 22.29	+12 20 10.4	13.5 N 422
19P	2001 08 03.77038	05 11 42.53	+07 55 02.8	12.4 T	349	19P	2001 08 19.80968	06 01 22.66	+12 20 12.5	13.6 N 422
19P	2001 08 08.465359	05 26 00.049	+09 13 40.22		673	19P	2001 08 19.81051	06 01 22.83	+12 20 13.4	13.1 N 422
19P	2001 08 08.476620	05 26 02.079	+09 13 51.40		673	19P	2001 08 19.81208	06 01 23.14	+12 20 15.0	13.4 N 422
19P	2001 08 09.36906	05 28 46.45	+09 28 49.1	12.1 T	844	19P	2001 08 21.16211	06 05 40.52	+12 41 53.9	12.5 N 170
19P	2001 08 09.37531	05 28 47.56	+09 28 55.5	12.0 T	844	19P	2001 08 21.16397	06 05 40.90	+12 41 55.7	12.5 N 170
19P	2001 08 09.38146	05 28 48.67	+09 29 00.9	12.0 T	844	19P	2001 08 22.11752	06 08 43.13	+12 57 13.5	11.4 T 620
19P	2001 08 09.38377	05 28 49.05	+09 29 04.0	12.0 T	844	19P	2001 08 22.12836	06 08 45.19	+12 57 23.8	11.4 T 620
19P	2001 08 09.78176	05 30 02.63	+09 35 40.9	13.9 N	422	19P	2001 08 22.13703	06 08 46.84	+12 57 32.3	11.4 T 620
19P	2001 08 09.78252	05 30 02.76	+09 35 41.7	13.9 N	422	19P	2001 08 22.14400	06 08 48.15	+12 57 39.1	11.3 T 620
19P	2001 08 09.78382	05 30 03.01	+09 35 43.0	14.1 N	422	19P	2001 08 22.77684	06 10 49.48	+13 07 47.5	349
19P	2001 08 09.78447	05 30 03.12	+09 35 43.5	13.9 N	422	19P	2001 08 22.77929	06 10 49.97	+13 07 50.2	349
19P	2001 08 09.78589	05 30 03.38	+09 35 45.0	14.0 N	422	19P	2001 08 22.78039	06 10 50.14	+13 07 50.8	349
19P	2001 08 09.78903	05 30 03.95	+09 35 48.2	13.9 N	422	19P	2001 08 22.78142	06 10 50.37	+13 07 52.0	11.3 T 349
19P	2001 08 09.78951	05 30 04.06	+09 35 48.7	13.9 N	422	19P	2001 08 23.14522	06 12 00.15	+13 13 39.8	12.5 N 170
19P	2001 08 09.79012	05 30 04.17	+09 35 49.3	13.9 N	422	19P	2001 08 23.15095	06 12 01.19	+13 13 45.3	12.5 N 170
19P	2001 08 09.79061	05 30 04.26	+09 35 49.7	13.8 N	422	19P	2001 08 23.507384	06 13 09.667	+13 19 27.39	673
19P	2001 08 11.16508	05 34 18.48	+09 58 31.5		620	19P	2001 08 23.78403	06 14 02.86	+13 23 51.6	11.0 T 402
19P	2001 08 11.16820	05 34 19.10	+09 58 34.8	13.3 N	620	19P	2001 08 23.78534	06 14 03.11	+13 23 52.8	402
19P	2001 08 11.17039	05 34 19.49	+09 58 36.6		620	19P	2001 08 23.78666	06 14 03.38	+13 23 54.1	402
19P	2001 08 11.17130	05 34 19.60	+09 58 37.4		620	19P	2001 08 23.80227	06 14 06.33	+13 24 15.3	13.4 T 422
19P	2001 08 11.494039	05 35 19.779	+10 03 59.70		673	19P	2001 08 23.80292	06 14 06.46	+13 24 15.9	14.1 T 422

- 673 Table Mountain, Wrightwood. 0.6-m reflector + CCD. Observer W. M. Owen.
 691 Spacewatch. 0.9-m Spacewatch telescope. Observer J. V. Scotti.
 835 Drum Hill. 0.30-m $f/3.3$ Schmidt-Cassegrain + CCD. Observer R. W. Sinnott.

2000 DP ₁₀₇	2000 10 02 014000	102075969.5	± 5.0	2380 C 251/251
2000 DP ₁₀₇	2000 10 03 020400	108806805.0	± 5.0	2380 C 251/251
2000 DP ₁₀₇	2000 10 04 013700	115435121.1	± 5.0	2380 C 251/251
2000 DP ₁₀₇	2000 10 06 020600	129436574.2	± 5.0	2380 C 251/251
2000 DP ₁₀₇	2000 10 07 023600	136675608.7	± 5.0	2380 C 251/251

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	Obs.
Jupiter VI	1999 07 11.30667		02 00 06.01	+11 10 49.7		835
Jupiter VI	1999 07 11.31209		02 00 06.16	+11 10 50.3		835
Jupiter VI	1999 07 11.32024		02 00 06.33	+11 10 50.8		835
Jupiter VI	1999 07 11.32427		02 00 06.45	+11 10 52.1		835
Jupiter VI	1999 07 11.32985		02 00 06.69	+11 10 52.0		835
Jupiter VI	1999 07 11.33346		02 00 06.71	+11 10 53.4		835
Jupiter VI	1999 07 11.33699		02 00 06.87	+11 10 52.4		835
Jupiter VI	1999 07 11.34078		02 00 06.89	+11 10 52.5		835
Jupiter VI	1999 07 11.34435		02 00 06.96	+11 10 55.0		835
Saturn IX	2001 08 27.477789		04 54 16.153	+20 52 23.62		673
Saturn IX	2001 08 27.481400		04 54 16.201	+20 52 23.64		673
Uranus XVI	2001 07 24.51820		21 44 48.92	-14 21 19.7		568
Uranus XVI	2001 07 24.56063		21 44 48.56	-14 21 21.3		568
Uranus XVI	2001 07 24.60303		21 44 48.20	-14 21 23.0	21.8 R	568
Uranus XVII	2001 07 24.51820		21 45 25.44	-14 13 46.4		568
Uranus XVII	2001 07 24.56063		21 45 25.08	-14 13 48.3		568
Uranus XVII	2001 07 24.60303		21 45 24.72	-14 13 50.1	20.3 R	568
Uranus XVII	2001 08 25.24455		21 40 44.55	-14 38 03.8	21.4 V	691
Uranus XVII	2001 08 25.26759		21 40 44.31	-14 38 05.0	21.3 V	691
Uranus XVII	2001 08 25.29159		21 40 44.09	-14 38 06.1	21.1 V	691
Uranus XVIII	2001 07 24.51820		21 44 43.29	-14 18 35.6		568
Uranus XVIII	2001 07 24.56063		21 44 42.93	-14 18 37.6	23.0 R	568
Uranus XVIII	2001 07 24.60303		21 44 42.56	-14 18 39.5	23.3 R	568
Uranus XIX	2000 09 23.26362		21 22 10.70	-16 15 25.6	23.5 R	568
Uranus XIX	2000 09 23.31253		21 22 10.37	-16 15 27.0	23.7 R	568
Uranus XIX	2000 09 23.36067		21 22 10.06	-16 15 28.3		568
Uranus XIX	2000 09 24.27180		21 22 04.53	-16 15 53.7	23.6 R	568
Uranus XIX	2000 09 24.32190		21 22 04.22	-16 15 55.0	23.5 R	568
Uranus XIX	2000 09 24.38171		21 22 03.83	-16 15 56.7	23.7 R	568
Uranus XIX	2001 07 24.51820		21 46 51.30	-14 20 32.1		568
Uranus XIX	2001 07 24.56063		21 46 50.92	-14 20 34.0	22.9 R	568
Uranus XIX	2001 07 24.60303		21 46 50.55	-14 20 36.0	23.1 R	568
Uranus XX	2001 07 24.56063		21 45 16.54	-14 23 55.1		568
Uranus XX	2001 07 24.60303		21 45 16.18	-14 23 57.1	23.8 R	568
Neptune II	2001 07 26.35103		20 39 42.31	-18 14 07.8	19.5 R	568
Neptune II	2001 07 26.41046		20 39 41.93	-18 14 09.3	19.5 R	568
Neptune II	2001 07 26.47112		20 39 41.54	-18 14 10.8		568

RADAR OBSERVATIONS

Doppler/delay observations are published here for the following transmission/reception (Tx/Rc) sites: 251 Arecibo. Observers J. L. Margot, M. C. Nolan, R. F. Jurgens

Object	Date	UTC	Doppler/Hz	Delay/ μ s	MHz	B	Tx/Rc
2000 DP ₁₀₇	2000 09 30	015800		89390125.5	± 5.0	2380 C	251/251
2000 DP ₁₀₇	2000 10 01	014300		95621042.7	± 5.0	2380 C	251/251

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

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Observers C. Pollas, D. Albanese
 Measurers E. W. Elst, M. Scardia

0.9-m Schmidt telescope

{1} 1998 XU₂₈, 2, 1, 0; 1999 TX₁₀₈, 3, 1, 0; 1999 TE₂₄₆, 3, 1, 0; 2000 AP₁₁, 2, 1, 0; 2000 CE₃₅, 3, 1, 0; 2000 EL₄₃, 3, 1, 0; 2000 FE₄₃, 3, 1, 0; 2000 QG₈₇, 3, 1, 0; 2001 ME₁₄, 3, 1, 0; 2001 OC₃, 3, 1, 0; 2001 OR₅, 3, 1, 0; 2001 OY₄₆, 3, 1, 0; 2001 OG₉₅, 3, 1, 0; 2001 PP₂, 3, 1, 0; (27534), 3, 1, 0; [43, 15, 0*, 1992/10/23-1996/02/16]

{3} 1998 FS₃₃, 3, 1, 0; [3, 1, 0*, 1994/01/17]

012 Uccle

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Observers H. Debehogne, E. W. Elst, T. Pauwels
 Measurer T. Pauwels

0.85-m $f/2.5$ Schmidt + CCD

GSC-1.2

{1} 1988 CH₅, 9, 1, 0; 1998 SR₅₉, 2, 1, 0; 2001 PR₂₇, 11, 1, 0; 2001 PM₂₉, 6, 1, 0; 2001 PN₂₉, 5, 1, 0; 2001 PO₂₉, 4, 1, 0; [37, 6, 0*, 2000/03/06-2001/08/14]

{2} 1988 CH₅, 5, 1, 0; 1989 CF₃, 5, 1, 0; 1991 RB₁₂, 5, 1, 0; 1998 QA₁₀₀, 5, 1, 0; 2000 HW₃₈, 6, 1, 0; 2000 KT₇₄, 3, 1, 0; 2000 NC₁₀, 4, 1, 0; 2001 FG₆₅, 2, 1, 0; 2001 PR₂₇, 5, 1, 0; 2001 PM₂₉ *, 5, 1, 0; 2001 PN₂₉ *, 4, 1, 0; 2001 PO₂₉ *, 5, 1, 0; (2307), 5, 1, 0; [59, 13, 3*, 1997/10/27-2001/08/17]

033 Tautenburg

F. Börngen, Thüringer Landessternwarte, Sternwarte 5, D-07778 Tautenburg, Germany [boerg@tls-tautenburg.de]

Observer F. Börngen

Measurers F. Börngen, A. Gnädig

1.3-m Schmidt telescope

PPM

1983 QR, 2, 1, 0; 1997 VP₁, 2, 1, 0; 1999 JW₇₃, 2, 1, 0; 1999 RK₅₃, 2, 1, 0; 2000 EN₁₅₅, 2, 1, 0; 2000 GY₁₀₂, 2, 1, 0; 2000 QZ₉₂, 2, 1, 0; 2000 SH₁₂₃, 2, 1, 0; 2000 UR₆, 2, 1, 0; [18, 9, 0*, 1993/11/12-1994/11/01]

046 Kletř

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

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

Measurers M. Tichý, M. Kočer

0.57-m $f/5.2$ reflector + CCD

USNO-A2.0

GA CR 205/98/0266

1981 EO₃₂, 3, 1, 0; 1984 SA₂, 5, 1, 0; 1996 TU₉, 3, 1, 0; 1997 RC₄, 4, 1, 0; 1997 SU₁, 5, 1, 0; 1998 CN₁₆, 3, 5; 1998 SC₁₃₂, 4, 1, 0; 1998 XG₉, 2, 12; 1998 XT₁₅, 4, 1, 0; 1998 YO₃, 4, 1, 0; 1998 YO₁₂, 5, 1, 0; 2000 AJ₂₀₄, 4, 1, 0; 2000 GV₄₈, 5, 1, 0; 2000 HG₄₄, 3, 1, 0; 2000 JX₅, 6, 1, 0; 2000 VJ₆₁, 4, 1, 0; 2001 MZ₇, 4, 1, 0; 2001 MT₁₈, 5, 1, 0; 2001 MA₂₄, 3, 1, 0; 2001 OT₄, 4, 1, 0; 2001 OB₇, 4, 1, 0; 2001 OM₈₁, 13, 2, 2; 2001 OE₈₄, 7, 2, 3; 2001 OF₈₄, 10, 2, 1; 2001 OG₈₄, 4, 2, 1; 2001 OG₁₀₈, 28, 5, 15; 2001 PJ₂, 1, 0; 2001 PD₁, 4, 1, 0; 2001 PH₉, 2, 1, 0; 2001 PJ₉, 8, 2, 1; 2001 PK₉, 9, 2, 1; 2001 PL₉, 12, 2, 1; 2001 PM₉, 18, 4, 14; 2001 PT₉, 11, 2, 1; 2001 PU₉, 5, 1, 0; 2001 PJ₁₀, 23, 2, 1; 2001 PH₁₃, 5, 1, 0; 2001 PT₁₃, 5, 1, 0; 2001 PG₁₄, 8, 1, 0; 2001 PP₁₄ *, 24, 4, 5; 2001 PH₂₉, 14, 2, 1; 2001 PJ₂₉, 6, 1, 0; 2001 PB₄₇ *, 8, 2, 4; 2001 QJ₃, 3, 1, 0; 2001 QF₆, 3, 1, 0; 2001 QU₂₉, 5, 1, 0; 2001 QH₃₃, 9, 2, 2; 2001 QR₃₃, 5, 1, 0; 2001 QS₃₃, 5, 1, 0; 2001 QT₃₃, 5, 1, 0; 2001 QZ₃₃, 8, 2, 2; 2001 QA₃₄, 5, 1, 0; 2001 QB₃₄, 5, 1, 0; 2001 QC₃₄, 10, 2, 1; 2001 QD₃₄, 4, 1, 0; 2001 QE₃₄, 3, 1, 0; 2001 QG₃₄, 3, 1, 0; 2001 QH₃₄, 3, 1, 0; 2001 QJ₃₄, 3, 1, 0; 2001 QS₁₀₈, 4, 2, 1; 2001 QT₁₀₈, 4, 1, 0; 2001 QU₁₀₈, 9, 2, 1; 2001 QV₁₀₈, 9, 2, 1; 2001 QW₁₀₈, 4, 1, 0; 2001 QJ₁₁₀ *, 20, 3, 2; 2001 QZ₁₁₃, 5, 2, 1; 2001 QA₁₁₄, 2, 1, 0; 2001 QG₁₄₂, 6, 1, 0; 2001 QH₁₄₂, 8, 2, 1; 2001 QJ₁₄₂, 3, 1, 0; 2001 QK₁₄₂, 4, 1, 0; 2001 QL₁₄₂, 3, 1, 0; 2001 QN₁₄₂, 3, 1, 0; 2001 QO₁₄₂, 2, 1, 0; 2001 QP₁₄₂, 2, 1, 0; 2001 QQ₁₄₂, 5, 1, 0; 2001 QA₁₄₃, 5, 1, 0; 2001 QK₁₅₀, 6, 1, 0; 2001 QJ₁₅₃, 8, 2, 2; 2001 QK₁₅₃, 2, 1, 0; 2001 QL₁₅₃, 2, 1, 0; 2001 QM₁₅₃, 5, 1, 0; 2001 QP₁₅₃, 6, 1, 0; (3308), 3, 1, 0; (3386), 3, 1, 0; (12749), 3, 1, 0; [545, 86, 3*, 1998/11/12–2001/08/28]

049 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 B. Davidsson, O. Karlsson, C.-I. Lagerkvist, T. Oja, C. Sandin, J. Warell

Measurers A. Erikson, G. Hahn, O. Karlsson, C.-I. Lagerkvist, S. Mottola, J. Warell

1.0m Schmidt + CCD

USNO-SA2.0

1997 LL₂, 6, 2, 2; 1997 UD₅, 3, 1, 0; 1999 CM₆₄, 6, 2, 2; 1999 CD₈₀, 3, 1, 0; 1999 JC₇₇, 3, 1, 0; 2000 GA₃₀, 3, 1, 0; 2000 HX₁₂, 6, 2, 2; 2000 HT₄₈, 3, 1, 0; 2000 HN₅₁, 3, 1, 0; 2000 JQ₈₁, 3, 1, 0; 2001 MH₆, 3, 1, 0; 2001 MJ₉, 3, 1, 0; 2001 OV₂, 3, 1, 0; 2001 OP₇, 3, 1, 0; 2001 OZ₇, 3, 1, 0; 2001 OU₈, 3, 1, 0; 2001 OX₁₂, 3, 1, 0; 2001 PY₁₄ *, 6, 2, 2; 2001 PZ₁₄ *, 6, 2, 2; 2001 PA₁₅ *, 6, 2, 2; 2001 PW₂₈ *, 6, 2, 2; 2001 QM₆₆, 3, 1, 0; 5003 T-2, 6, 2, 2; (892), 3, 1, 0; (1962), 3, 1, 0; (3178), 3, 1, 0; (3364), 3, 1, 0; (3560), 3, 1, 0; (4942), 3, 1, 0; (5080), 6, 2, 4; (7433), 3, 1, 0; (9734), 3, 1, 0; (10222), 3, 1, 0; (10381), 3, 1, 0; (15000), 3, 1, 0; (15269), 3, 1, 0; (17270), 3, 1, 0; (26187), 3, 1, 0; (26208), 3, 1, 0; (27291), 2, 1, 0; (27564), 3, 1, 0; [149, 41, 4*, 2001/08/13–2001/08/19]

071 Bulgarian National Observatory

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)

Observers B. Bilkina, E. W. Elst

Measurers V. Ivanova, B. Bilkina, E. W. Elst

0.50-m $f/1.4$ Schmidt + CCD

GSC-1.1

Partial support from Space Frontier Foundation Grant

{1} 2000 YQ₂₉, 3, 1, 0; 2001 KN₂₀, 3, 1, 0; 2001 KA₆₇, 3, 1, 0; 2001 KX₆₇, 3, 1, 0; 2001 ME₁, 3, 1, 0; 2001 MF₁, 6, 2, 1; 2001 MK₃, 5, 1, 0; [26, 7, 0*, 2001/06/25–2001/07/18]

{3} 1988 CN₇, 3, 1, 0; [3, 1, 0*, 1988/01/18]

094 Simeis

Yu. N. Krugly Astronomical Observatory Kharkiv State University Sumska Street 35 Kharkiv 310022 Ukraine [krugly@astron.kharkov.ua]

Observers Yu. N. Krugly, N. M. Gaftonyuk

1-m Ritchey-Chrétien-Coude telescope + CCD

GSC

2001 OF₈₄, 3, 1, 0; 2001 OG₁₀₈, 3, 1, 0; [6, 2, 0*, 2001/07/30–2001/07/31]

095 Crimean Astrophysical Observatory

V. A. Shor, Institute of Applied Astronomy, Naberezhnaya Kutuzova 10, St. Petersburg 191187, Russia [shor@quasar.ipa.nw.ru]

Observer V. V. Rumyantsev.

0.64-m $f/1.4$ Richter-Slefojt telescope + CCD, 0.4-m $f/4$ double astrograph PPM

1997 EK₁₂, 2, 1, 0; 1999 JT₇₆, 2, 1, 0; 2000 QP₂₇, 2, 1, 0; 2000 WY₃₆, 1, 1, 0; [7, 4, 0*, 1991/08/17–1996/11/12]

104 San Marcello Pistoiese

L. Tesi, Osservatorio di Pian dei Termini, Viale Panoramico 45, I-51028 San Marcello Pistoiese (PT), Italy [iau@acetri.astro.it]

Observers L. Tesi, A. Boattini, M. Tombelli

Measurers G. Forti, L. Tesi, A. Boattini, M. Tombelli

0.40-m $f/5$ reflector + CCD

USNO-A2.0, USNO-SA2.0

1994 PU₂₀, 6, 2, 1; 1996 VU₂, 3, 1, 0; 1997 UV₇, 3, 1, 0; 1998 BE₄₄, 4, 1, 0; 1998 XU₁₇, 5, 2, 3; 1998 YN₇, 6, 2, 1; 1999 CR₈, 3, 1, 0; 1999 CD₂₁, 3, 1, 0; 2000 AD₁₃₀, 2, 1, 0; 2000 CW₁, 2, 1, 0; 2000 CU₂₄, 3, 1, 0; 2000 DK₂₇, 4, 1, 0; 2000 EN₁₃₈, 3, 1, 0; 2000 FU₄₈, 3, 1, 0; 2000 GA₇₅, 4, 1, 0; 2000 GD₉₈, 3, 1, 0; 2000 HR₄₇, 7, 2, 4; 2000 HN₄₉, 6, 2, 1; 2000 JL₃₂, 8, 3, 3; 2000 LW₂₈, 5, 1, 0; 2001 MV₂₃, 6, 2, 1; 2001 MY₂₃, 3, 1, 0; 2001 MJ₂₇, 10, 2, 1; 2001 OR₅, 3, 1, 0; 2001 OV₁₂, 3, 1, 0; 2001 OH₁₃, 4, 1, 0; 2001 OF₁₄, 10, 3, 5; 2001 OG₁₄, 7, 2, 2; 2001 OR₁₄, 3, 1, 0; 2001 OT₁₆, 4, 1, 0; 2001 OW₁₆, 3, 1, 0; 2001 OX₁₆, 3, 1, 0; 2001 OY₁₆, 4, 1, 0; 2001 OZ₁₆, 3, 1, 0; 2001 OT₃₃, 4, 1, 0; 2001 OU₄₉, 5, 2, 2; 2001 OJ₅₇, 3, 1, 0; 2001 OX₈₄, 2, 1, 0; 2001 OB₉₁, 4, 1, 0; 2001 OD₉₁, 4, 1, 0; 2001 OZ₉₅, 6, 2, 1; 2001 OR₉₇, 4, 1, 0; 2001 PF₁ *, 14, 4, 8; 2001 PL₉, 4, 1, 0; 2001 PM₉, 2, 1, 0; 2001 PK₁₃ *, 9, 3, 4; 2001 PY₁₃ *, 8, 3, 3; 2001 PZ₁₃ *, 11, 4, 9; 2001 PA₁₄ *, 16, 4, 3; 2001 PB₁₄ *, 10, 4, 3; 2001 PC₁₄ *, 8, 3, 3; 2001 PD₁₄ *, 8, 3, 3; 2001 PE₁₄ *, 8, 3, 3; 2001 PM₁₄, 3, 1, 0; 2001 PE₁₅ *, 12, 3, 2; 2001 PF₁₅ *, 8, 2, 2; 2001 PN₂₈ *, 11, 3, 3; 2001 PO₂₈ *, 10, 3, 9; 2001 PP₂₈ *, 10, 3, 9; 2001 PQ₂₈ *, 9, 3, 9; 2001 PR₂₈ *, 11, 4, 12; 2001 PS₂₈ *, 9, 3, 9; 2001 PX₂₈ *, 13, 4, 12; 2001 PY₂₈ *, 11, 4, 12; 2001 PZ₂₈ *, 6, 2, 1; 2001 PA₂₉ *, 19, 4, 8; 2001 PD₂₉ *, 10, 3, 3; 2001 PE₂₉ *, 7, 3, 10; 2001 PF₂₉ *, 9, 3, 7; 2001 PG₂₉ *, 11, 4, 10; 2001 PH₂₉, 8, 2, 1; 2001 QC *, 5, 2, 1; 2001 QD *, 13, 4, 9; 2001 QE *, 6, 2, 1; 2001 QF *, 6, 2, 1; 2001 QG *, 10, 3, 8; 2001 QH *, 6, 2, 1; 2001 QR₈, 2, 1, 0; 2001 QT₈, 2, 1, 0; 2001 QB₁₁, 4, 1, 0; 2001 QZ₃₃, 3, 1, 0; 2001 QY₅₀, 3, 1, 0; 2001 QK₁₁₀ *, 6, 2, 1; 2001 QJ₁₅₃, 3, 1, 0; (376), 2, 1, 0; (1003), 3, 1, 0; (2033), 3, 1, 0; (2043), 3, 1, 0; (4793), 3, 1, 0; (5053), 3, 1, 0; (5939), 3, 1, 0; (6988), 3, 2, 10; (7440), 3, 1, 0; (7846), 6, 2, 3; (7934), 3, 1, 0; (9121), 3, 1, 0; (9763), 3, 1, 0; (9948), 3, 1, 0; (10220), 2, 1, 0; (14383), 6, 2, 1; (14549), 3, 1, 0; (14642), 5, 1, 0; (15240), 5, 1, 0; (16269), 3, 1, 0; (17250), 3, 1, 0; (26508), 3, 1, 0; (26886), 3, 1, 0; (26958), 3, 1, 0; (27036), 3, 1, 0; (27168), 3, 1, 0; (27539), 3, 1, 0; [614, 111, 32*, 1995/02/28–2001/08/26]

106 Črni vrh

H. Mikuz, Kersnikova 11, SI-61000 Ljubljana, Slovenia [herman.mikuz@uni-lj.si]

Observer J. Skvarč

0.36-m $f/6.7$ Schmidt-Cassegrain + CCD, 0.19-m $f/4$ Schmidt-Cassegrain + CCD

USNO-A2.0

1991 RP₁₈, 3, 1, 0; 1999 BT₉, 6, 2, 2; 1999 FF₃₁, 3, 1, 0; 2000 CZ₅₁, 3, 1, 0; 2000 CP₈₅, 3, 1, 0; 2000 CD₈₇, 3, 1, 0; 2000 DK₁₂, 3, 1, 0; 2000 DC₇₀, 3, 1, 0; 2000 EV₄₄, 3, 1, 0; 2000 EZ₁₁₃, 3, 1, 0; 2000 JO₂₇, 3, 1, 0; 2000 OV₄₆, 3, 1, 0; 2001 DH₁₀₇, 3, 1, 0; 2001 ME₁₄, 3, 1, 0; 2001 MP₁₅, 3, 1, 0; 2001 MR₂₃, 3, 1, 0; 2001 MK₂₇, 3, 1, 0; 2001 NE₇, 3, 1, 0; 2001 OV₄₄, 3, 1, 0; 2001 OB₅₇, 3, 1, 0; 2001 OJ₅₇, 3, 1, 0; 2001 OD₇₂, 3, 1, 0; 2001 OO₇₂, 3, 1, 0; 2001 OF₇₂, 3, 1, 0; 2001 OV₇₂, 3, 1, 0; 2001 OD₇₃, 3, 1, 0; 2001 ON₇₄, 3, 1, 0; 2001 OJ₈₅, 3, 1, 0; 2001 OY₈₅, 3, 1, 0; 2001 OP₉₉, 3, 1, 0; 2001 OD₁₀₁, 3, 1, 0; 2001 OG₁₀₅, 3, 1, 0; 2001 OD₁₀₇, 3, 1, 0; 2001 OH₁₀₇, 3, 1, 0; 2001 PK₁₄, 3, 1, 0; 2001 PW₁₄, 3, 1, 0; 2001 QE₁, 3, 1, 0; 2001 PZ₆, 2, 1, 0; 2001 QR₆, 3, 1, 0;

2001 QJ₇, 3, 1, 0; 2001 QL₇, 3, 1, 0; 2001 QP₈, 3, 1, 0; 2001 QK₉, 3, 1, 0; 2001 QM₉, 3, 1, 0; 2001 QN₉, 3, 1, 0; 2001 QO₉, 3, 1, 0; 2001 QT₉, 3, 1, 0; 2001 QU₉, 3, 1, 0; 2001 QD₁₄, 3, 1, 0; 2001 QH₁₄, 3, 1, 0; 2001 QK₁₄, 3, 1, 0; 2001 QY₁₄, 3, 1, 0; 2001 QB₁₅, 3, 1, 0; 2001 QV₁₇, 3, 1, 0; 2001 QW₁₇, 3, 1, 0; 2001 QY₁₇, 3, 1, 0; 2001 QD₁₈, 3, 1, 0; 2001 QV₂₁, 2, 1, 0; 2001 QK₂₂, 3, 1, 0; 2001 QM₂₃, 3, 1, 0; 2001 QB₂₅, 3, 1, 0; 2001 QC₂₅, 3, 1, 0; 2001 QE₂₅, 3, 1, 0; 2001 QP₂₅, 3, 1, 0; 2001 QQ₂₅, 3, 1, 0; 2001 QR₂₅, 3, 1, 0; 2001 QV₂₅, 3, 1, 0; 2001 QY₂₅, 2, 1, 0; 2001 QK₂₆, 3, 1, 0; 2001 QJ₂₇, 3, 1, 0; 2001 QH₃₁, 3, 1, 0; 2001 QG₃₂, 3, 1, 0; 2001 QM₃₃, 3, 1, 0; 2001 QF₃₈, 3, 1, 0; 2001 QC₄₆, 3, 1, 0; 2001 QS₄₇, 3, 1, 0; 2001 QV₄₈, 3, 1, 0; 2001 QL₅₂, 3, 1, 0; 2001 QK₅₄, 3, 1, 0; 2001 QF₅₅, 3, 1, 0; 2001 QH₆₃, 3, 1, 0; 2001 QN₆₃, 3, 1, 0; 2001 QZ₆₄, 3, 1, 0; 2001 QG₁₀₁, 3, 1, 0; 6630 P-L, 3, 1, 0; (187), 3, 1, 0; (269), 3, 1, 0; (820), 3, 1, 0; (1733), 3, 1, 0; (2889), 3, 1, 0; (3394), 3, 1, 0; (3892), 3, 1, 0; (4236), 3, 1, 0; (4365), 3, 1, 0; (4411), 2, 1, 0; (4496), 3, 1, 0; (4576), 6, 2, 2; (4848), 3, 1, 0; (4998), 6, 2, 2; (5129), 6, 2, 2; (5583), 3, 1, 0; (5840), 6, 2, 2; (6062), 3, 1, 0; (6387), 3, 1, 0; (6849), 3, 1, 0; (6957), 3, 1, 0; (7271), 3, 1, 0; (9121), 3, 1, 0; (9846), 3, 1, 0; (10036), 3, 1, 0; (10039), 3, 1, 0; (10062), 3, 1, 0; (10269), 3, 1, 0; (10433), 3, 1, 0; (14376), 3, 1, 0; (14753), 3, 1, 0; (15447), 3, 1, 0; (15449), 3, 1, 0; (15566), 3, 1, 0; (15614), 6, 2, 2; (16252), 3, 1, 0; (18088), 3, 1, 0; (26340), 3, 1, 0; (26543), 3, 1, 0; (26590), 3, 1, 0; (26913), 3, 1, 0; (27194), 3, 1, 0; (27560), 3, 1, 0; [401, 129, 0*, 2000/09/25–2001/08/26]

107 Cavezzo

M. Nicolini, via C. Battisti 48, I-41032 Carpi (MO), Italy [mnico@iol.it]

0.40-m $f/5.5$ reflector + CCD

GSC

2001 QG₁₄₂, 2, 1, 0; [2, 1, 0*, 2001/08/26]

108 Montelupo

M. Tombelli, Via Bozzeto 26, I-50056 Montelupo (Fi), Italy

[iaucarcetri.astro.it]

Observers M. Tombelli, A. Boattini, L. Tesi, D. Guidetti, E. Masotti

Measurers M. Tombelli, A. Boattini, L. Tesi, S. Bartolini, G. Forti

0.30-m $f/5.7$ Schmidt-Cassegrain + CCD

GSC-1.1, USNO-A2.0

2001 MF₁, 3, 1, 0; 2001 OE₃, 3, 1, 0; 2001 OA₁₄, 4, 1, 0; 2001 OQ₉₇, 2, 1, 0; 2001 PY₁₃, 2, 1, 0; 2001 PB₁₄, 2, 1, 0; 2001 PC₁₄, 2, 1, 0; 2001 PD₁₄, 2, 1, 0; 2001 PE₁₅, 3, 1, 0; 2001 PF₁₅, 2, 1, 0; 2001 QD₈, 3, 1, 0; [28, 11, 0*, 2001/08/07–2001/08/23]

113 Volkssternwarte Drebach, Schönbrunn

G. Lehmann, Persterstrasse 6h, D-09430 Drebach, Germany

[g.lehmann@abo.freiepresse.de]

Observer J. Kandler

0.50-m $f/4.0$ reflector + CCD

USNO-A2.0

2000 EJ₁₄₀, 2, 1, 0; 2001 KV₄₆, 3, 1, 0; 2001 MF₁, 4, 1, 0; [9, 3, 0*, 2001/06/24–2001/07/27]

117 Sendling

H. Beuchat, European Patent Office, Erhardstrasse 27, D-80331 Munich, Germany

[hbeuchat@compuserve.com]

0.20-m $f/10$ reflector + CCD

GSC

(19), 9, 3, 2; (51), 9, 3, 2; (95), 9, 3, 2; (176), 6, 2, 2; (225), 9, 3, 2; (258), 9, 3, 2; (270), 9, 3, 2; (509), 9, 3, 2; (511), 9, 3, 2; (704), 8, 3, 2; (719), 9, 3, 2; [95, 11, 0*, 2001/08/24–2001/08/27]

118 Modra

A. Galád, AGO MFF UK, P.O. Box 4, SK-90001 Modra, Slovakia

[ago@fmph.uniba.sk]

Observers L. Kornoš, P. Kolény, Š. Gajdoš, D. Kalmančok, A. Galád

0.6-m $f/5.5$ reflector + CCD

USNO-A2.0

1986 TB₇, 5, 2, 11; 2000 PH₅, 3, 1, 0; 2000 VJ₆₁, 2, 1, 0; 2001 KD, 2, 1, 0; 2001 KX₆₇, 6, 2, 4; 2001 LQ₁₇, 2, 1, 0; 2001 MF₁, 3, 1, 0; 2001 MQ₃, 3, 1, 0; 2001 OE₃, 7, 3, 10; 2001 OA₁₄,

3, 1, 0; 2001 OG₂₅, 2, 1, 0; 2001 QP₁₅₃, 3, 1, 0; (719), 6, 1, 0; (26760), 5, 2, 1; [52, 14, 0*, 2001/08/01–2001/08/28]

120 Višňjan

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

Observer K. Korlević

0.41-m $f/4.3$ reflector + CCD

USNO-SA1.0

1998 RV₃₇, 3, 1, 0; 2001 NX₁₉, 2, 1, 0; [5, 2, 0*, 1998/09/17–1999/01/21]

122 Pises Observatory

J. M. Lopez, 5 Rue Meyrueis, F-34000 Montpellier, France

[jean.m.lopez2@wanadoo.fr]

Observers J. M. Lopez, J. H. Blanc

Measurer J. M Lopez

0.40-m $f/4.7$ reflector + CCD

USNO-SA2.0, GSC

1999 BM₂₆, 4, 1, 0; 2000 CJ₇₈, 2, 1, 0; 2001 OR₅₀, 16, 4, 19; 2001 PQ₉, 7, 2, 8; 2001 PW₁₃, 7, 2, 8; 2001 PV₂₈ *, 14, 4, 11; 2001 QS₅, 4, 1, 0; 2001 QT₅, 5, 1, 0; 2001 QS₈₅ *, 3, 1, 0; 2001 QS₁₀₀ *, 6, 2, 7; 2001 QH₁₁₀ *, 8, 2, 1; (26210), 2, 1, 0; (27063), 2, 1, 0; [80, 13, 4*, 2001/07/30–2001/08/26]

127 Bornheim

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

0.30-m $f/3.2$ FFC + CCD

USNO-A2.0

1999 VB₅₃, 6, 3, 6; 2000 GF₁₃₆, 4, 2, 4; (26471), 7, 3, 6; (27496), 6, 3, 6; [23, 4, 0*, 2001/07/20–2001/07/26]

130 Lumezzane

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

Observers C. Cremaschini, W. Marinello

0.40-m $f/4$ reflector + CCD

USNO-A2.0

1993 SA₁, 3, 1, 0; (719), 4, 1, 0; (26760), 4, 1, 0; [11, 3, 0*, 2001/07/28–2001/07/30]

143 Gnosca

S. Sposetti, CH-6525 Gnosca, Switzerland [spo@bluewin.ch]

Observer S. Sposetti

Measurer R. Behrend

0.40-m $f/4$ reflector + CCD

Tycho-2, GSC-ACT

2000 XS₁₀, 4, 1, 0; (9), 8, 1, 0; (445), 5, 1, 0; (26760), 8, 1, 0; [25, 4, 0*, 2000/12/16–2001/08/11]

145 's-Gravenwezel Observatory

T. Alderweireldt, Rozenlaan 14, B-2970 's-Gravenwezel, Belgium

[Tom.Alderweireldt@ping.be]

0.20-m $f/3.4$ Schmidt-Cassegrain + CCD

USNO-A2.0

1979 OZ₁₀, 4, 1, 0; 1999 AA₂₁, 3, 1, 0; 2001 NK₂₀, 4, 1, 0; (719), 26, 1, 0; [37, 4, 0*, 2001/08/14–2001/08/15]

151 Eschenberg Observatory, Winterthur

M. Griesser, Breitenstrasse 2, CH-8542 Wiesendangen, Switzerland

[griesser@spectraweb.ch]

0.40-m $f/5.8$ Cassegrain + CCD

GSC-1.1, USNO-SA2.0

1950 DA, 3, 1, 0; 1988 RY₁, 4, 1, 0; 1988 RE₃, 4, 1, 0; 1991 NT₃, 4, 1, 0; 1991 RC₅, 12, 2, 13; 1991 RV₄₀, 3, 1, 0; 1991 TL₆, 4, 1, 0; 1992 RV, 4, 1, 0; 1992 SO₁₇, 4, 1, 0; 1994 TT₁₆, 3, 1, 0; 1995 EA₉, 3, 1, 0; 1996 PC₁, 36, 6, 11; 2000 NL₁₀, 6, 1, 0; 2000 OK₈, 18, 3, 11; 2000 PH₅, 8, 1, 0; 2000 RV₃₇, 4, 1, 0; 2000 WK₆₃, 6, 1, 0; 2001 MF₁, 24, 4, 24; 2001 MQ₃, 10, 2, 13; 2001 OE₃, 9, 2, 3; 2001 OA₁₄, 28, 5, 21; 2001 OF₈₄, 9, 2, 26; 2001 OG₁₀₈, 8, 2, 3; 2001 PL₉, 5, 1, 0; 2001 PT₁₃, 6, 1, 0; 2001 QQ₂, 6, 1, 0; 2001 QR₂, 5, 1, 0; 2001 QE₃₄, 5, 1, 0; 2001 QD₇₁, 7, 1, 0; 2001 QE₇₁, 5, 1, 0; 2001 QG₉₄, 4, 1, 0; 2001 QJ₁₅₃, 1, 1, 0; 2001 QP₁₅₃, 4, 1, 0; (719), 32, 6, 25; (1865), 6, 1, 0; (2061), 6, 1, 0; (3103), 4, 1, 0; (4183), 12, 2, 9; (5587), 50, 9, 26; (5786), 6, 1, 0; (7017), 3, 1, 0; (26760), 6, 1, 0; [387, 42, 0*, 2001/07/31-2001/08/28]

157 Frasso Sabino

A. Pelloni, via Oratorio Damasiano 15, I-00148 Rome, Italy [mc3657@mcmlink.it]

Observers F. Anzellini, R. Haver, R. Gorelli, A. Pelloni

Measurers R. Haver, A. Pelloni, F. Anzellini

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

USNO-A2.0

2001 MF₁, 3, 1, 0; 2001 PT₁₃, 3, 1, 0; [6, 2, 0*, 2001/08/22-2001/08/24]

159 Monte Agliale

M. M. M. Santangelo, Monte Agliale Astronomical Observatory, Borgo a Mozzano,

Lucca, Italy [ilra@comune.lucca.it]

0.51-m $f/4.5$ Newtonian reflector + CCD

USNO-A2.0

1999 BJ₁₂, 5, 1, 0; 1999 EK₃, 4, 1, 0; 1999 FR₂₁, 6, 1, 0; 2001 NC₂₀, 3, 1, 0; [18, 4, 0*, 2001/08/22-2001/08/23]

163 Roeser Observatory, Luxembourg

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

0.50-m $f/4$ Newtonian + CCD

USNO-A2.0

2001 MA₈, 4, 1, 0; 2001 OE₃, 5, 1, 0; 2001 PL₉, 3, 1, 0; 2001 PT₁₃, 4, 1, 0; 2001 PG₁₄, 3, 1, 0; 2001 PJ₂₉, 8, 1, 0; 2001 QE₇₁, 5, 1, 0; 2001 QO₇₂, 5, 1, 0; 2001 QG₁₄₂, 7, 1, 0; (719), 4, 1, 0; (5587), 5, 1, 0; (26760), 5, 1, 0; (27200), 6, 1, 0; [64, 13, 0*, 2001/08/01-2001/08/27]

165 Piera Observatory, Barcelona

J. Guarro, Balmes 2, E-08784 Piera, Barcelona, Spain

[jguarro@astro.gea.cesca.es]

0.40-m $f/2$ Schmidt + CCD

GSC

2000 FX₄, 8, 2, 1; [8, 1, 0*, 2001/08/26-2001/08/27]

170 Observatorio de Begues

J. Manteca, c/Santpere, no. Casa 22, E-08859 Begues, Barcelona, Spain

[jmantecav@nexo.es]

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

USNO-SA2.0

2000 EN₀₁, 3, 1, 0; 2000 ER₁₅₈, 6, 2, 1; 2001 KQ₇₅, 2, 1, 0; 2001 OM₆, 8, 1, 0; 2001 PL₃, 3, 1, 0; 2001 QM₃₃, 3, 1, 0; [25, 6, 0*, 2001/08/20-2001/08/28]

176 Observatori Astronomic de Consell

À. López, Apartado de correos 122, E-07320 Santa Maria, Mallorca, Spain

[obsconseil@wanadoo.es]

Observers À. López, R. Pacheco

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

USNO-SA2.0

(17225), 3, 1, 0; [3, 1, 0*, 2001/08/11]

185 Observatoire astronomique jurassien-Vicques

M. Ory, 30 Rue Beridier, CH-2800 Delemont, Switzerland [pivate@bluewin.ch]

Observers M. Ory, H. Lehmann, C. Lovis

0.61-m $f/3.39$ reflector + CCD

USNO-A2.0

1981 EG₄₀, 5, 1, 0; 1997 LL₉, 2, 1, 0; 1999 BM₂₆, 14, 4, 9; 1999 BK₂₉, 6, 1, 0; 2000 AD₂₁₂, 2, 1, 0; 2000 CJ₇₈, 4, 1, 0; 2000 EM₄₁, 3, 1, 0; 2000 GQ₆₂, 3, 1, 0; 2000 GY₉₆, 2, 1, 0; 2000 GP₁₀₉, 3, 1, 0; 2000 HX₈₅, 3, 1, 0; 2000 HZ₁₀₃, 2, 1, 0; 2000 JD₁₉, 4, 1, 0; 2000 KP₃, 2, 1, 0; 2000 LY₁₆, 2, 1, 0; 2001 ER₂₅ *, 3, 1, 0; 2001 KV₆₇, 2, 1, 0; 2001 LK₅, 3, 1, 0; 2001 MF₁, 5, 1, 0; 2001 MQ₃, 6, 2, 1; 2001 NG₁₁, 4, 1, 0; 2001 OS₁₄, 2, 1, 0; 2001 OJ₂₅, 2, 1, 0; 2001 OF₄₇, 3, 1, 0; 2001 OD₅₀, 2, 1, 0; 2001 OG₅₇, 4, 1, 0; 2001 OW₆₆, 4, 1, 0; 2001 OE₉₇, 3, 1, 0; 2001 OG₉₉, 3, 1, 0; 2001 PQ₉ *, 27, 6, 11; 2001 PW₁₃ *, 16, 4, 8; 2001 PV₂₈, 5, 2, 6; 2001 QS₅, 11, 2, 1; 2001 QC₇, 3, 1, 0; 2001 QT₇, 3, 1, 0; 2001 QQ₈, 5, 1, 0; 2001 QY₁₀, 11, 2, 1; 2001 QS₈₅, 13, 2, 1; 2001 QC₁₁₁ *, 11, 2, 1; (2043), 3, 1, 0; (5587), 6, 1, 0; (5786), 8, 2, 3; (5888), 3, 1, 0; (7598), 6, 1, 0; (9121), 6, 1, 0; (9147), 6, 1, 0; (10624), 15, 2, 1; (13600), 2, 1, 0; (13757), 6, 1, 0; (14506), 3, 1, 0; (14963), 4, 1, 0; (16269), 3, 1, 0; (26089), 2, 1, 0; [281, 53, 4*, 2001/03/15-2001/08/26]

195 Untermenzing Observatory, Munich

H. Maier, Theodor-Fischerstr. 82, D-80999 Munich, Germany

[Harald.Maier@muc.de]

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

USNO-A2.0

(26760), 3, 1, 0; [3, 1, 0*, 2001/08/25]

198 Wildberg

R. Apitzsch, Schwarzwaldstrasse 17-2, D-72218 Wildberg, Germany

[rolfapitzsch@astro-wildberg.com]

0.235-m Schmidt-Cassegrain + CCD

USNO-SA2.0

1990 TG₁, 6, 2, 1; 1998 TU₃, 9, 3, 11; 2000 WK₆₃, 6, 2, 1; 2001 KX₆₇, 1, 1, 0; 2001 MF₁, 39, 12, 26; 2001 MQ₃, 8, 3, 13; 2001 OE₃, 4, 2, 3; 2001 OA₁₄, 9, 5, 13; (719), 13, 4, 4; (1620), 9, 3, 2; (1865), 2, 1, 0; (1916), 3, 1, 0; (5587), 5, 2, 2; (5786), 5, 2, 5; (26760), 58, 16, 26; [177, 15, 0*, 2001/07/31-2001/08/27]

201 Jonathan B. Postel Observatory

V. Pozzoli, V. le Morandi 21, I-20010 Bareggio, Italy [vpozzoli@inwind.it]

0.30-m $f/10.0$ reflector + CCD

GSC

1999 CF₁₀₆, 3, 1, 0; 2000 HV₁, 2, 1, 0; 2000 HZ₅₄, 1, 1, 0; 2000 JS₁₇, 3, 1, 0; 2000 OK₈, 3, 1, 0; 2001 OG₂₅, 2, 1, 0; 2001 OL₆₂, 3, 1, 0; [17, 7, 0*, 2001/08/15-2001/08/25]

203 GiaGa Observatory

G. Galli, via Mozart 4, Pogliano Milanese (MI), Italy [gllgianni@tiscalinet.it]

0.13-m $f/6.4$ refractor + CCD

GSC-1.2, USNO-A2.0

1993 SA₁, 5, 2, 1; (26912), 4, 2, 1; [9, 2, 0*, 2001/08/12-2001/08/13]

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

Measurers G. Pignata, G. Hahn, M. Hoffmann, S. Mottola

0.67-m/0.92-m Schmidt + CCD

GSC-1.1, USNO-SA2.0

1998 RN₂₀, 3, 1, 0; 1999 VF₁₂₅, 3, 1, 0; 2001 CO₄₈ *, 3, 1, 0; 2001 CP₄₈ *, 3, 1, 0; 2001 CR₄₈, 3, 1, 0; 2001 CS₄₈, 3, 1, 0; 2001 CT₄₈, 3, 1, 0; 2001 CU₄₈, 3, 1, 0; 2001 CV₄₈, 3, 1, 0; 2001 CW₄₈, 3, 1, 0; 2001 CA₄₉ *, 3, 1, 0; 2001 DU₁₀₆, 3, 1, 0; 2001 DV₁₀₆, 3, 1, 0; 2001 DW₁₀₆ *, 3, 1, 0; 2001 DX₁₀₆ *, 3, 1, 0; 2001 DY₁₀₆ *, 3, 1, 0; 2001 DZ₁₀₆ *, 3, 1, 0; 2001 DA₁₀₇ *, 3,

1, 0; 2001 DB₁₀₇ *, 3, 1, 0; 2001 DG₁₀₇, 3, 1, 0; 2001 DP₁₀₇, 3, 1, 0; 2001 DQ₁₀₇, 3, 1, 0; 2001 DR₁₀₇, 3, 1, 0; 2001 DW₁₀₇, 3, 1, 0; 2001 DX₁₀₇, 3, 1, 0; 2001 DY₁₀₇, 3, 1, 0; 2001 FY₇₄, 2, 1, 0; 2001 FX₁₅₃, 3, 1, 0; 2001 FU₁₉₀, 3, 1, 0; 2001 FH₁₉₁ *, 3, 1, 0; 2001 FJ₁₉₁ *, 3, 1, 0; 2001 FK₁₉₁ *, 3, 1, 0; 2001 FY₁₉₁ *, 3, 1, 0; 2001 FZ₁₉₁ *, 3, 1, 0; 2001 FA₁₉₂ *, 3, 1, 0; [104, 35, 15*, 2001/02/11–2001/04/14]

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

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

GSC-1.1

(2060), 3, 1, 0; (26760), 6, 1, 0; (27234), 5, 1, 0; [14, 3, 0*, 2001/08/13–2001/08/26]

215 Buchloe

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

0.44-m $f/4.6$ reflector + CCD

USNO-A2.0

1990 TJ₄, 3, 1, 0; 1991 NT₃, 3, 1, 0; 1996 PC₁, 5, 1, 0; 2000 PH₅, 4, 1, 0; 2000 RV₃₇, 3, 1, 0; 2001 LF₂, 2, 1, 0; 2001 MF₁, 3, 1, 0; 2001 MQ₃, 3, 1, 0; 2001 NX₁₇, 3, 1, 0; 2001 OE₃, 4, 1, 0; 2001 OA₁₄, 3, 1, 0; 2001 OG₂₅, 3, 1, 0; 2001 OG₁₀₈, 3, 1, 0; 2001 QE₇₁, 4, 1, 0; (719), 4, 1, 0; (1916), 3, 1, 0; (5786), 3, 1, 0; [56, 17, 0*, 2001/08/13–2001/08/24]

231 Vesqueville

F. Vandenabeele, 8 rue de Fayet, B-6870 Saint-Hubert, Belgium
[astroaca@netcourrier.com]

0.20-m $f/6.3$ reflector + CCD

USNO-A2.0

(673), 6, 2, 1; (1817), 4, 2, 1; [10, 2, 0*, 2001/05/20–2001/05/23]

232 Masquefa Observatory

E. Reina L., Pl. Virgen de Montserrat, 1 Etlo. 2 B, E-08901 Hospitalet, Spain
[estrei@terra.es]

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

GSC-1.1

(5587), 9, 3, 2; [9, 1, 0*, 2001/08/12–2001/08/14]

233 Sauro Donati Astronomical Observatory, 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

(956), 6, 1, 0; (2303), 6, 1, 0; [12, 2, 0*, 2001/08/15–2001/08/16]

260 Siding Spring-DSS

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

A. Boattini, Istituto di Astrofisica Spaziale, Via Fosso del Cavaliere, I-00133 Rome, Italy [boattini@ias.rm.cnr.it] (2)

V. S. Casulli, Via M. Rosa 1, I-00010 Colleverde di Guidonia (RM), Italy
[v.casulli@priminet.it] (3)

A. Lowe, 1412 70 Avenue SW, Calgary, AB T2V 0R3, Canada
[andrew_lowe@pancanadian.ca] (4)

R. Di Luca, Via San Vittore 44, I-40136 Bologna, Italy
[diluca@astbo4.bo.astro.it] (5)

F. Anzellini, Via Salvo D'Acquisto 1/i, I-02047 Poggio Mirteto (RI), Italy
[f.anzellini@libero.it] (9)

Measurers R. Stoss (1), A. Knöfel (1), C. Glowinski (1), A. Doppler (1), A. Gnädig (1), M. Read (2), A. Boattini (2), G. D'Abramo (2), V. S. Casulli (3), A. Lowe (4), R. Haver (5), A. Pelloni (5), G. Forti (5), F. Anzellini (9)

1.2-m U.K. Schmidt

{1} 1992 AU₃, 2, 1, 0; 1992 HU₆, 2, 1, 0; 1997 EH₃₆, 2, 1, 0; 1999 CU₁₄, 2, 1, 0; 2001 DJ₇₁, 1, 1, 0; 2001 FA₇, 2, 1, 0; 2001 KX₇₆, 5, 4, 3926; 2001 ME₁₉, 2, 1, 0; [18, 8, 0*, 1976/06/29–1993/04/16]

{2} 2001 LE₆, 2, 1, 0; [2, 1, 0*, 1997/06/09]

{3} 2001 QF₇₁, 1, 1, 0; [1, 1, 0*, 1991/08/02]

{4} 1990 VK₂, 2, 1, 0; 1991 PO₁₈, 4, 2, 7270; 1997 TR₂₅, 4, 2, 4831; 1998 FV₇₈, 2, 1, 0; 1998 QF₈₈, 2, 1, 0; 1998 WK₁₈, 2, 1, 0; 1999 VA₅₀, 4, 2, 4047; 1999 XY₁₆₈, 4, 2, 6189; 2000 AP₉₁, 4, 2, 975; 2000 EG₈₁, 4, 2, 4405; 2000 EM₁₅₈, 4, 2, 4210; [36, 11, 0*, 1974/06/17–1996/03/26]

{5} 2000 QC₂₄₃, 2, 1, 0; 2001 LO₇, 2, 1, 0; [4, 2, 0*, 1982/07/21–1994/08/27]

{9} 1979 KJ, 2, 1, 0; 1982 JV₁, 2, 1, 0; 1991 VY₂, 2, 1, 0; 1993 AS, 2, 1, 0; 1997 SO₄, 2, 1, 0; 1998 QX₁₇, 2, 1, 0; 1998 YS₁₁, 6, 3, 101; 1999 AZ₆, 2, 1, 0; 2000 DR₁₅, 2, 1, 0; 2000 EV₉₀, 2, 1, 0; (1818), 2, 1, 0; [26, 11, 0*, 1976/09/16–1994/04/05]

261 Palomar-DSS

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

A. Boattini, Istituto di Astrofisica Spaziale, Via Fosso del Cavaliere, I-00133 Rome, Italy [boattini@ias.rm.cnr.it] (2)

V. S. Casulli, Via M. Rosa 1, I-00010 Colleverde di Guidonia (RM), Italy
[v.casulli@priminet.it] (3)

A. Lowe, 1412 70 Avenue SW, Calgary, AB T2V 0R3, Canada
[andrew_lowe@pancanadian.ca] (4)

R. Di Luca, Via San Vittore 44, I-40136 Bologna, Italy
[diluca@astbo4.bo.astro.it] (5)

F. Anzellini, Via Salvo D'Acquisto 1/i, I-02047 Poggio Mirteto (RI), Italy
[f.anzellini@libero.it] (9)

Measurers R. Stoss (1), A. Knöfel (1), C. Glowinski (1), A. Doppler (1), A. Gnädig (1), M. Read (2), A. Boattini (2), G. D'Abramo (2), V. S. Casulli (3), A. Lowe (4), R. Haver (5), A. Pelloni (5), G. Forti (5), F. Anzellini (9)

1.2-m Schmidt

{1} 1990 TK₂, 2, 1, 0; 1995 FS₆, 2, 1, 0; 1997 EH₃₆, 4, 2, 839; 1999 CO₂, 2, 1, 0; 2001 ME₁₉, 2, 1, 0; 2001 OZ₁₃, 2, 1, 0; [14, 6, 0*, 1955/10/24–1995/03/27]

{2} 2001 MG₁, 2, 1, 0; [2, 1, 0*, 1989/07/01]

{3} 2001 QF₇₁, 1, 1, 0; [1, 1, 0*, 1954/12/30]

{4} 1990 VK₂, 6, 3, 2212; 1991 PO₁₈, 2, 1, 0; 1997 TR₂₅, 6, 3, 1448; 1998 QF₈₈, 2, 1, 0; 1998 WK₁₈, 2, 1, 0; 1998 XA₁₂, 4, 2, 13147; 1999 VA₅₀, 4, 2, 17241; 1999 XY₁₆₈, 2, 1, 0; 2000 AP₉₁, 2, 1, 0; 2000 EG₈₁, 2, 1, 0; 2000 EM₁₅₈, 6, 3, 8; 2000 KN₃₀, 4, 2, 16093; [42, 12, 0*, 1949/11/19–1997/03/13]

{5} 2000 YA₅₀, 2, 1, 0; 2001 LO₇, 2, 1, 0; (27094), 2, 1, 0; [6, 3, 0*, 1953/10/31–1992/01/25]

{9} 1979 KJ, 4, 2, 13051; 1990 TG₈, 2, 1, 0; [6, 2, 0*, 1953/01/10–1991/09/11]

291 Kitt Peak, Steward Observatory-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, T. Gehrels, J. A. Larsen, J. L. Montani, R. S. McMillan,
J. V. Scotti

1.8-m Spacewatch Telescope + CCD
USNO-SA2.0

1999 WT₃, 3, 1, 0; 1999 XC₁₄₂, 3, 1, 0; 1999 XZ₁₄₈, 3, 1, 0; 2000 AW₁₄₆, 3, 1, 0; 2000 DX₉₂, 3, 1, 0; 2001 FW₁₉₁ *, 3, 1, 0; 2001 FX₁₉₁ *, 3, 1, 0; 2001 NJ₈, 3, 1, 0; 2001 OM₉, 3, 1, 0; 2001 OB₅₁, 3, 1, 0; [30, 10, 2*, 2001/03/22–2001/05/26]

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, N. Hashimoto, A. I. Ibrahim, S. Isobe,
K. Nishiyama, Y. Oshima, J. Terazono, H. Umehara, T. Urata, M. Yoshikawa

0.25-m *f*/5.0 reflector + CCD
GSC-ACT

1997 EM₁₅, 5, 1, 0; 1997 GU₇, 4, 1, 0; 1998 SR₁₀₇, 5, 1, 0; 1998 TA₄, 4, 1, 0; 1998 UO₃₆, 3, 1, 0; 1998 WW₅, 4, 1, 0; 1999 CK₁₄, 3, 1, 0; 2000 AB₁₄₄, 4, 1, 0; 2000 AR₂₀₃, 5, 1, 0; 2000 CR₂₄, 2, 1, 0; 2000 CF₅₈, 4, 1, 0; 2000 EX₃₂, 6, 1, 0; 2000 FP₃₅, 5, 1, 0; 2000 GO₁₄₂, 5, 1, 0; 2000 GG₁₄₉, 4, 1, 0; 2000 HE₃₃, 2, 1, 0; 2000 JU₇₆, 11, 3, 10; 2001 KV₆₇, 4, 1, 0; 2001 MD₁₅, 3, 1, 0; 2001 OR₈, 3, 1, 0; 2001 OF₄₆, 5, 1, 0; 2001 OF₄₇, 3, 1, 0; 2001 ON₄₉, 3, 1, 0; 2001 ON₇₄, 3, 1, 0; 2001 OE₉₇, 4, 1, 0; 2001 PR₉ *, 21, 3, 2; 2001 PZ₂₈, 3, 1, 0; 2001 PA₂₉, 3, 1, 0; 2505 P-L, 4, 1, 0; (26), 5, 1, 0; (44), 5, 1, 0; (153), 5, 1, 0; (170), 4, 1, 0; (558), 4, 1, 0; (807), 4, 1, 0; (816), 4, 1, 0; (828), 4, 1, 0; (876), 4, 1, 0; (2034), 3, 1, 0; (2103), 4, 1, 0; (2776), 3, 1, 0; (2859), 2, 1, 0; (3166), 5, 1, 0; (3852), 2, 1, 0; (3934), 5, 1, 0; (4093), 4, 1, 0; (4424), 4, 1, 0; (5085), 5, 1, 0; (5088), 4, 1, 0; (5121), 3, 1, 0; (5249), 3, 1, 0; (5330), 5, 1, 0; (5748), 2, 1, 0; (5784), 4, 1, 0; (5790), 4, 1, 0; (5888), 4, 1, 0; (6092), 5, 1, 0; (6149), 4, 1, 0; (6817), 7, 2, 2; (7010), 3, 1, 0; (7107), 4, 1, 0; (7137), 2, 1, 0; (7204), 4, 1, 0; (7830), 5, 1, 0; (7887), 4, 1, 0; (7940), 3, 1, 0; (8025), 3, 1, 0; (8472), 5, 1, 0; (9572), 4, 1, 0; (9649), 4, 1, 0; (9894), 4, 1, 0; (10225), 4, 1, 0; (11564), 3, 1, 0; (12282), 4, 1, 0; (13604), 4, 1, 0; (14136), 3, 1, 0; (14771), 4, 1, 0; (14880), 4, 1, 0; (15172), 4, 1, 0; (15191), 4, 1, 0; (16748), 6, 1, 0; (24432), 4, 1, 0; (26649), 2, 1, 0; (26792), 4, 1, 0; (26891), 4, 1, 0; (26928), 4, 1, 0; (26969), 2, 1, 0; (27065), 4, 1, 0; (27191), 3, 1, 0; (27437), 4, 1, 0; (27542), 3, 1, 0; [375, 91, 1*, 2001/08/11–2001/08/27]

304 Las Campanas

B. Gladman, Observatoire de Nice, Department Cassini, BP 229, F-06304 Nice
Cedex 4, France [gladman@obs-nice.fr]

Observers P. Groot, M. Holman

Measurers B. Gladman

Baade 6.5-m telescope + CCD
USNO-A2.0

1999 OG₄, 1, 1, 0; [1, 1, 0*, 2001/06/27]

309 Cerro Paranal

A. Delsanti, European Southern Observatory, Casilla 19001, Santiago, Chile
[adelsant@eso.org]

B. Gladman, Observatoire de Nice, Department Cassini, BP 229, F-06304 Nice
Cedex 4, France [gladman@obs-nice.fr]

Observers H. Boehnhardt, L. Barrera, T. Sekiguchi, P. Rousselot

Measurer A. Delsanti, B. Gladman

8.2-m Very Large Telescope UT-2 + CCD
USNO-A2.0

2001 KF₇₇, 2, 1, 0; [2, 1, 0*, 2001/07/19–2001/07/20]

322 Perth Observatory, Bickley-MCT

J. Biggs, Perth Observatory, Bickley, WA 6076, Australia
[jamieb@calm.wa.gov.au]

Observers J. Biggs, T. Smith, G. Lowe, S. Walsh
Measurer J. Biggs

0.25-m *f*/4.5 reflector + CCD
USNO-A2.0

2001 MQ₃, 6, 2, 8; (167), 3, 1, 0; (20826), 3, 1, 0; (26760), 9, 2, 7; [21, 4, 0*, 2001/07/25–2001/08/09]

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

1990 SN, 3, 1, 0; 1995 SY₂₉, 3, 1, 0; 1995 WQ₉, 3, 1, 0; 1997 WW₃₃, 10, 3, 558; 1998 OZ₁₁, 3, 1, 0; 1998 QC₂₆, 3, 1, 0; 1999 CF₂₀, 3, 1, 0; 1999 RE₈₈, 2, 1, 0; 1999 RP₁₄₇, 3, 1, 0; 1999 XQ₄₃, 3, 1, 0; 2000 CW₇₇, 3, 1, 0; 2000 EJ₂₉, 4, 1, 0; 2000 ED₃₇, 3, 1, 0; 2000 FO₈, 3, 1, 0; 2000 FB₄₆, 3, 1, 0; 2000 JX₂, 3, 1, 0; 2000 JU₁₅, 3, 1, 0; 2000 KC₁₄, 5, 1, 0; 2000 LA₁₉, 6, 1, 0; 2000 QX₁₁₁, 4, 1, 0; 2000 QK₁₅₁, 3, 1, 0; 2000 ST₂₁₂, 3, 1, 0; 2000 UH₈, 3, 1, 0; 2000 UA₇₀, 3, 1, 0; 2000 WJ₄₉, 4, 1, 0; 2001 BW₄₃, 3, 1, 0; 2001 DN₂₆, 3, 1, 0; 2001 FZ₁₂₁, 3, 1, 0; 2001 HT₁₉, 3, 1, 0; 2001 KF₁₇, 3, 1, 0; 2001 LJ₁₂, 6, 2, 76; 2001 ME₁₄, 7, 1, 0; 2001 MY₁₈, 3, 1, 0; 2001 MD₁₉, 3, 1, 0; 2001 MK₁₉, 3, 1, 0; 2001 MS₂₈, 3, 1, 0; 2001 OG₁₂, 3, 1, 0; 2001 OP₂₀, 3, 1, 0; 2001 OX₃₂, 3, 1, 0; 2001 OG₄₅, 3, 1, 0; 2001 OQ₄₈, 3, 1, 0; 2001 OX₅₉, 3, 1, 0; 2001 OH₇₂, 4, 1, 0; 2001 OU₇₅, 3, 1, 0; 2001 OR₉₀, 3, 1, 0; 2001 OG₉₉, 3, 1, 0; 2001 PF₂, 4, 1, 0; 2001 PQ₂₁, 3, 1, 0; 1153 T-3, 4, 1, 0; [171, 49, 0*, 1995/10/18–2001/01/02]

333 Desert Eagle Observatory

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

0.45-m reflector + CCD

GSC-ACT

1981 EU₂₅, 6, 2, 2; 1985 DU₁, 4, 2, 1; 1986 QU₁, 16, 5, 6; 1990 RK₃, 2, 1, 0; 1992 OE, 2, 1, 0; 1993 FB₃₄, 2, 1, 0; 1993 RT₇, 2, 1, 0; 1994 PR₉, 2, 1, 0; 1994 PW₁₄, 5, 2, 2; 1994 PZ₁₆, 4, 2, 1; 1995 DZ₅, 4, 2, 1; 1996 GM₅, 4, 2, 2; 1996 VP₄, 2, 1, 0; 1996 VD₆, 2, 1, 0; 1996 VX₉, 2, 1, 0; 1997 NR₁₀, 7, 2, 2; 1997 SX₁, 2, 1, 0; 1997 TM₁, 4, 2, 1; 1997 UV₂, 2, 1, 0; 1997 UN₉, 2, 1, 0; 1997 VP₁, 2, 1, 0; 1998 FD₄, 2, 1, 0; 1998 VC₁₁, 2, 1, 0; 1998 VN₁₁, 2, 1, 0; 1998 VA₄₄, 7, 3, 4; 1998 WK₁₈, 2, 1, 0; 1998 XJ₁₉, 3, 1, 0; 1998 YU₁, 6, 3, 2; 1999 AW₆, 9, 4, 5; 1999 AK₁₀, 5, 2, 2; 1999 BO₁₄, 2, 1, 0; 1999 CS₁₄, 2, 1, 0; 1999 DS₂, 2, 1, 0; 1999 EK₃, 9, 4, 6; 1999 FN₇, 11, 3, 3; 1999 GR₁₆, 3, 1, 0; 1999 GK₃₄, 2, 1, 0; 1999 JF₂, 2, 1, 0; 1999 JP₁₉, 6, 3, 2; 1999 JV₂₂, 4, 2, 1; 2000 CB₃₃, 2, 1, 0; 2000 CQ₄₃, 2, 1, 0; 2000 CW₆₃, 5, 1, 0; 2000 CW₈₂, 4, 2, 1; 2000 CS₉₁, 2, 1, 0; 2000 EG, 2, 1, 0; 2000 EW, 5, 2, 2; 2000 EY₃, 4, 2, 2; 2000 EK₁₆, 2, 1, 0; 2000 EC₂₆, 2, 1, 0; 2000 EL₄₁, 4, 2, 1; 2000 EH₆₈, 5, 2, 2; 2000 EL₈₇, 2, 1, 0; 2000 EZ₁₄₇, 6, 3, 2; 2000 EQ₁₄₈, 1, 1, 0; 2000 FZ₁₀, 11, 3, 2; 2000 FP₁₅, 2, 1, 0; 2000 FQ₃₆, 5, 2, 2; 2000 GQ₂₆, 4, 2, 1; 2000 GP₃₈, 2, 1, 0; 2000 GG₅₅, 2, 1, 0; 2000 GL₆₈, 4, 2, 2; 2000 GG₇₂, 2, 1, 0; 2000 GS₇₃, 2, 1, 0; 2000 GA₁₀₅, 2, 1, 0; 2000 GV₁₀₈, 2, 1, 0; 2000 GX₁₀₈, 2, 1, 0; 2000 GQ₁₂₅, 7, 2, 4; 2000 GN₁₆₅, 6, 2, 1; 2000 HK₁₄, 3, 1, 0; 2000 HO₆₄, 3, 1, 0; 2000 JT₁₇, 9, 4, 5; 2000 JZ₁₉, 2, 1, 0; 2000 JX₂₂, 4, 2, 1; 2000 JW₂₆, 3, 1, 0; 2000 JQ₂₈, 2, 1, 0; 2000 JB₃₆, 2, 1, 0; 2000 JC₆₅, 2, 1, 0; 2000 JH₆₆, 6, 2, 1; 2000 JN₇₇, 3, 1, 0; 2000 NO₃, 4, 2, 1; 2000 OL₂₃, 7, 3, 4; 2001 MH₅, 2, 1, 0; 2001 ML₉, 2, 1, 0; 2001 MR₁₁, 2, 1, 0; 2001 NX₆, 3, 1, 0; 2001 NU₂₀, 3, 1, 0; 2001 OR₇, 2, 1, 0; 2001 OF₁₄, 2, 1, 0; 2001 OC₂₁, 4, 2, 1; 2001 OL₂₁, 4, 2, 1; 2001 OS₅₇, 4, 2, 1; 2001 OQ₅₈, 6, 2, 1; 2001 OE₆₃, 2, 1, 0; 2001 OH₆₃, 2, 1, 0; 2001 OK₆₆, 2, 1, 0; 2001 OR₇₂, 4, 2, 1; 2001 OJ₈₆, 4, 2, 1; 2001 PM₂₇, 3, 1, 0; 2001 PE₂₉, 2, 1, 0; 2001 PD₄₇, 2, 1, 0; 2001 QY₂₀, 2, 1, 0; 2001 QQ₂₁, 4, 2, 1; 2001 QS₂₁, 6, 2, 1; 2001 QW₂₁, 6, 2, 1; 2001 QV₂₂, 6, 3, 4; 2001 QC₂₃, 3, 1, 0; 2001 QE₂₃, 9, 4, 6; 2001 QC₃₄, 3, 1, 0; 2001 QC₅₀, 2, 1, 0; 2001 QF₅₀, 2, 1, 0; 2001 QE₆₄, 2, 1, 0; 2001 QN₇₀, 2, 1, 0; 2001 QE₇₁, 3, 1, 0; 2001 QD₇₂ *, 4, 2, 1; 2001 QE₇₂ *, 8, 4, 6; 2001 QF₇₂ *, 4, 2, 1; 2001 QG₇₂ *, 9, 4, 4; 2001 QT₈₅ *, 6, 3, 5; 2001 QU₈₅ *, 4, 2, 1; 2001 QV₈₅ *, 4, 2, 1; 2001 QW₈₅ *, 4, 2, 1; 2001 QX₈₅ *, 6, 3, 2; 2001 QY₈₅ *, 4, 2, 1; 2001 QZ₈₅ *, 10, 5, 5; 2001 QA₈₆ *, 8, 3, 2; 2001 QA₈₉ *, 11, 4, 5; 2001 QB₈₉ *, 5, 2, 1; 2001 QC₈₉ *, 6, 3, 2; 2001 QD₈₉ *, 5, 2, 1; 2001 QE₈₉ *, 4, 2, 1; 2001 QF₈₉ *, 4, 2, 1; 2001 QH₉₄ *, 4, 2, 1; 2001 QJ₉₄ *, 4, 2, 1; 2001 QK₉₄ *, 4, 2, 1; 2001 QL₉₄ *, 4, 2, 1; 2001 QM₉₄ *, 6, 2, 1; 2001 QN₉₄ *, 4, 2, 1; 2001 QO₉₄ *, 4, 2, 1; 2001 QP₉₄ *, 4, 2, 1; 2001 QQ₉₄ *, 4, 2, 1; 2001 QR₉₄ *, 4, 2, 1; 2001 QS₉₄ *, 4, 2, 1; 2001 QT₉₄ *, 4, 2, 1; 2001 QU₉₄ *, 4, 2, 1; 2001 QV₉₄ *, 4, 2, 1; 2001 QW₉₄ *, 4, 2, 1; 2001 QX₉₄ *, 6, 3, 2; 2001 QY₉₄ *, 6, 3, 2; 2001 QZ₉₄ *, 4, 2, 1; 2001 QQ₁₀₀ *, 9, 3, 4; 2001 QF₁₀₈ *, 5, 2, 2; 2001 QG₁₀₈ *, 5, 2, 2; 2001 QH₁₀₈ *, 5, 2, 2; 2001 QJ₁₀₈ *, 7, 3, 4; 2001 QK₁₀₈ *, 6, 3, 4; 2001 QL₁₀₈ *, 4, 2, 1; 2001 QA₁₁₂, 2, 1, 0; 2001 QP₁₁₃ *, 5, 2, 4; 2001 QQ₁₁₃ *, 7, 3, 4; 2001 QG₁₅₂ *, 4, 2, 5;

0; 2001 QG₉₄, 4, 1, 0; 2001 QD₉₆, 2, 1, 0; 2001 QH₉₆, 3, 1, 0; 2001 QJ₉₆, 2, 1, 0; 2001 QV₁₀₈, 2, 1, 0; 2001 QW₁₀₈, 3, 1, 0; 2001 QA₁₁₄, 3, 1, 0; 2001 QK₁₄₂, 3, 1, 0; 2001 QL₁₄₂, 3, 1, 0; (129), 17, 3, 14; (5458), 4, 1, 0; [93, 26, 0*, 2001/07/31-2001/08/24]

423 North Ryde

S. G. McAndrew, 2/32 Twin Rd, North Ryde, NSW 2113, Australia
[sgmcandrew@ozemail.com.au]

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

1990 KJ, 2, 1, 0; 1990 QA, 7, 3, 12; 2000 FD₁₁, 10, 3, 11; 2000 FM₃₃, 2, 1, 0; [21, 4, 0*, 2001/08/09-2001/08/23]

428 Reedy Creek

J. Broughton, 18 Branch Crescent, Reedy Creek, QLD 4228, Australia
[reedycrk@dingoblue.net.au]

0.25-m $f/6.6$ Schmidt-Cassegrain + CCD
GSC-ACT

1988 RY₁, 1, 1, 0; 1995 BL₄, 1, 1, 0; 1996 RB₃, 5, 2, 1; 1997 QF₅, 2, 1, 0; 1997 SC₃, 6, 2, 1; 1998 QQ₉₁, 2, 1, 0; 1998 RZ₇₇, 1, 1, 0; 1998 VD₁₄, 1, 1, 0; 1998 VV₁₄, 2, 1, 0; 1998 WH₃₁, 2, 1, 0; 1999 CM₂₃, 4, 2, 1; 1999 EC₃, 2, 1, 0; 2000 AE₁₂₇, 1, 1, 0; 2000 AT₁₃₆, 2, 1, 0; 2000 CC₈₆, 1, 1, 0; 2000 CH₁₁₂, 3, 1, 0; 2000 DJ₂₆, 1, 1, 0; 2000 EC₄, 1, 1, 0; 2000 EJ₂₉, 3, 2, 1; 2000 EP₁₀₄, 2, 1, 0; 2000 FS₁₀, 2, 1, 0; 2000 GS₅₉, 1, 1, 0; 2000 HC₃₃, 1, 1, 0; 2000 HG₅₇, 1, 1, 0; 2000 JX₅, 2, 1, 0; 2000 JN₂₄, 3, 2, 1; 2000 KA₆, 3, 2, 1; 2000 LU₂, 2, 1, 0; 2000 LX₅, 3, 1, 0; 2000 LY₁₆, 2, 1, 0; 2000 MB, 1, 1, 0; 2000 MX, 1, 1, 0; 2000 OT, 2, 1, 0; 2001 MQ₃, 4, 2, 1; 2001 MW₇, 2, 1, 0; 2001 MG₁₃, 2, 1, 0; 2001 NC₂, 2, 1, 0; 2001 OX₂, 1, 1, 0; 2001 OZ₂, 4, 3, 3; 2001 OB₃, 2, 1, 0; 2001 OD₃₂, 4, 2, 9; 2001 OC₄₆, 1, 1, 0; 2001 OW₆₁, 2, 1, 0; 2001 OT₆₃, 6, 3, 18; 2001 OQ₆₅, 2, 1, 0; 2001 OR₆₅, 1, 1, 0; 2001 OT₆₅, 3, 2, 11; 2001 ON₇₄, 3, 2, 11; 2001 OO₇₄, 2, 1, 0; 2001 OV₉₉, 3, 1, 0; 2001 OW₉₉, 5, 2, 1; 2001 OX₉₉, 4, 2, 1; 2001 PB₁, 4, 2, 1; 2001 PH₁ *, 6, 4, 4; 2001 PJ₁ *, 3, 2, 1; 2001 PK₈, 3, 1, 0; 2001 PA₁₀, 3, 2, 1; 2001 PP₁₃ *, 4, 2, 1; 2001 PF₁₄, 5, 2, 1; 2001 PK₁₄ *, 4, 3, 7; 2001 PL₁₄ *, 4, 2, 1; 2001 PM₁₄ *, 3, 2, 1; 2001 PN₁₄ *, 3, 2, 1; 2001 PT₂₈ *, 4, 2, 1; 2001 PU₂₈ *, 5, 3, 6; 2001 QK *, 5, 3, 10; 2001 QL *, 3, 2, 1; 2001 QM *, 8, 4, 3; 2001 QH₂ *, 8, 4, 9; 2001 QJ₂ *, 7, 4, 9; 2001 QK₂ *, 6, 3, 9; 2001 QL₂ *, 6, 3, 9; 2001 QM₂ *, 4, 2, 1; 2001 QN₂ *, 5, 3, 9; 2001 QO₂ *, 6, 3, 9; 2001 QQ₇, 2, 1, 0; 2001 QW₁₇, 3, 2, 1; 2001 QF₃₄ *, 8, 3, 2; 2001 QG₃₄ *, 5, 3, 2; 2001 QG₃₉, 4, 2, 1; 2001 QX₄₉, 4, 2, 1; (177), 2, 1, 0; (271), 2, 1, 0; (274), 2, 1, 0; (603), 2, 1, 0; (844), 2, 1, 0; (946), 2, 1, 0; (1336), 2, 1, 0; (1717), 4, 2, 1; (1908), 2, 1, 0; (2066), 2, 1, 0; (2130), 1, 1, 0; (2293), 2, 1, 0; (2545), 2, 1, 0; (2574), 2, 1, 0; (2596), 2, 1, 0; (3701), 2, 1, 0; (3859), 2, 1, 0; (4084), 2, 1, 0; (4260), 2, 1, 0; (4411), 2, 1, 0; (4801), 2, 1, 0; (4929), 2, 1, 0; (4998), 2, 1, 0; (5043), 1, 1, 0; (5108), 2, 1, 0; (5269), 2, 1, 0; (5414), 2, 1, 0; (5440), 2, 1, 0; (5840), 2, 1, 0; (6062), 1, 1, 0; (6149), 1, 1, 0; (6844), 2, 1, 0; (7509), 2, 1, 0; (7806), 2, 1, 0; (7811), 1, 1, 0; (8110), 2, 1, 0; (8183), 2, 1, 0; (8204), 1, 1, 0; (8475), 2, 1, 0; (8496), 2, 1, 0; (9854), 3, 2, 1; (10194), 2, 1, 0; (10642), 2, 1, 0; (10897), 2, 1, 0; (11157), 1, 1, 0; (13976), 2, 1, 0; (14000), 3, 2, 1; (14022), 2, 1, 0; (14060), 1, 1, 0; (14296), 2, 1, 0; (14549), 2, 1, 0; (14564), 7, 3, 4; (14778), 4, 2, 11; (14996), 2, 1, 0; (15255), 1, 1, 0; (15664), 2, 1, 0; (20826), 3, 1, 0; (26098), 2, 1, 0; (26316), 1, 1, 0; (26575), 2, 1, 0; (26772), 2, 1, 0; (26793), 2, 1, 0; (26904), 3, 2, 0; (26918), 1, 1, 0; (27097), 4, 2, 1; (27234), 3, 1, 0; (27395), 1, 1, 0; (27640), 2, 1, 0; [395, 149, 21*, 2001/07/27-2001/08/26]

456 Daventry Observatory

M. Nicholson, 3 Grovelands, Daventry, Northants NN11 4DH, England
[martin@crozet.demon.co.uk]

0.30-m $f/10$ Schmidt-Cassegrain + CCD
USNO-SA2.0

(176), 3, 2, 6; (392), 3, 2, 6; (894), 3, 2, 6; [9, 3, 0*, 2001/08/10-2001/08/16]

458 Guadarrama Observatory

D. Rodriguez, 28409 San Pablo No. 5, Villalba-Madrid, Spain [drodrig@jet.es]

0.20-m $f/4$ Newtonian + CCD

GSC-1.1
(719), 2, 1, 0; (3682), 5, 2, 2; (5587), 6, 3, 6; [13, 3, 0*, 2001/08/12-2001/08/23]

460 Area 52 Observatory, Nashville

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

0.30-m $f/10$ Schmidt Cassegrain + $f/6.3$ focal reducer + CCD
GSC-1.1

2000 KC₁₁, 5, 2, 1; 2001 QZ₆₇ *, 10, 5, 4; 2001 QS₇₁ *, 6, 3, 2; [21, 3, 2*, 2001/08/14-2001/08/24]

461 JATE Asteroid Survey, Piszkestető Stn. (Konkoly)

L. Kiss, Pf. 596, H-6701 Szeged, Hungary [l.kiss@physx.u-szeged.hu]

Observers L. Kiss, G. Szabó, B. Csák

Measurer K. Sárneckzy

0.60-m Schmidt + CCD

USNO-A2.0

1998 YS₁₁, 3, 1, 0; 2001 DN₁₀₇, 3, 1, 0; [6, 2, 0*, 2000/03/15-2001/02/27]

472 Merlette

S. Garro, Horizon 1800, Batiment A, F-05170 Orcieres-Merlette, France

0.28-m $f/6.9$ reflector + CCD

GSC

2001 OL₅₁, 7, 1, 0; [7, 1, 0*, 1998/12/26]

474 Mount John

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

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

Observers A. C. Gilmore, I. P. Griffin, N. Brady

Measurers A. C. Gilmore, I. P. Griffin

1.0-m $f/7.7$ McClellan reflector + CCD

USNO-A2.0

1996 TY₁₁, 9, 2, 1; 1998 RO₁, 3, 1, 0; 1999 KX₄, 5, 1, 0; 2001 CK₄₂, 5, 1, 0; 2001 NJ₆, 5, 1, 0; 2001 OD₃, 4, 1, 0; 2001 OB₃₆, 4, 1, 0; 2001 OX₉₈ *, 3, 1, 0; 2001 PF₁₄, 11, 2, 1; (15222), 2, 1, 0; [51, 10, 1*, 2001/07/26-2001/08/15]

493 Calar Alto

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L. Kiss, Pf. 596, H-6701 Szeged, Hungary [l.kiss@physx.u-szeged.hu]

Observers K. Birkle, K. Sárneckzy, Gy. Szabó, K. Sziládi, M. Busch, A. Seib, F. Hormuth for DANEOPS team

Measurers K. Birkle, K. Sárneckzy, Gy. Szabó, A. Gnädig

0.80-m $f/3$ Schmidt 1.23-m reflector + CCD 1.52 reflector + CCD

USNO-A2.0 USNO-SA2.0

1989 SY₁₄ *, 4, 2, 4; 1989 SZ₁₄ *, 3, 2, 4; 1998 SU₂₇, 2, 1, 0; 1999 RY₁₃₆, 4, 2, 4; 2000 CQ₈₉, 4, 2, 4; 2000 RY₁₀₂, 4, 2, 4; 2001 BA₄₀, 4, 2, 1; 2001 KP₅₉, 2, 1, 0; 2001 PH₇ *, 13, 4, 6; 2001 PV₉ *, 9, 3, 3; 2001 PH₁₃, 2, 1, 0; 2001 PQ₁₃ *, 6, 2, 4; 2001 PO₁₄ *, 6, 2, 3; 2001 PK₂₄, 3, 1, 0; 2001 PH₂₉, 3, 1, 0; 2001 PJ₂₉, 3, 1, 0; (11114), 4, 2, 4; [76, 17, 6*, 1989/09/28-2001/08/16]

504 Le Creusot

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

0.40-m $f/5.1$ reflector + CCD

GSC

2001 OQ₁₂, 5, 2, 2; (26089), 6, 2, 2; [11, 2, 0*, 2001/08/22-2001/08/24]

511 Haute Provence

W. Thuillot, Institut de mecanique celeste, Observatoire de Paris, 77 Av. Denfert
Rochereau, F-75014 Paris, France [thuillot@bd1.fr]

Observers W. Thuillot, F. Vachier, F. Madec, J. Taupenas

Measurer F. Madec

1.20-m $f/6$ reflector + CCD

USNO-SA2.0

1999 RT₁₆₅, 2, 1, 0; (27220), 3, 1, 0; [5, 2, 0*, 1991/02/20–1993/02/21]

517 Geneva

R. Behrend, Geneva Observatory, CH-1290 Sauverny, Switzerland

[raoul.behrend@obs.unige.ch]

Observers R. Behrend, P. Bartholdi

Measurer R. Behrend

0.20-m $f/10.0$ Schmidt-Cassegrain + CCD

Tycho-2

2000 AH₂₀₃, 7, 1, 0; (306), 4, 1, 0; (445), 8, 1, 0; [19, 3, 0*, 2001/07/31–2001/08/15]

540 Linz

E. Meyer, Ferd.-Marklstrasse 1/62, A-4040 Linz, Austria

[erich.meyer@oonet.at]

Observers E. Meyer, E. Obermair

Measurer E. Meyer

0.60-m $f/3.3$ reflector + CCD

USNO-SA2.0, USNO-A2.0

1998 SU₂₇, 3, 1, 0; 2001 PK₉, 2, 1, 0; 2001 PM₉, 5, 2, 7; [10, 3, 0*, 2001/08/14–2001/08/25]

552 San Vittore

E. Colombini, Via S. Vittore 44, I-40136 Bologna, Italy

[ermes.colombini@tin.it]

Observers G. Sassi, E. Colombini

0.45-m $f/3.3$ reflector + CCD

GSC

1991 CG₁, 4, 1, 0; 1995 UM₅, 3, 1, 0; 1996 RP₂, 4, 1, 0; 1997 TE, 3, 1, 0; (5030), 3, 1, 0; [17, 5, 0*, 2001/08/15]

557 Ondřejov

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

Observers L. Šarounová, P. Kušnirák, U. Babiaková, P. Pravec, P. Scheirich,
M. Wolf

0.65-m $f/3.6$ reflector + CCD

USNO-SA2.0, USNO-A2.0

1950 DA, 3, 1, 0; 1986 TB₇, 3, 1, 0; 1992 RV, 2, 1, 0; 1993 QU₅, 2, 1, 0; 1994 XB₅, 4, 2, 10;
1996 UF₁, 3, 1, 0; 1997 SX₁, 2, 1, 0; 1997 SY₁, 3, 1, 0; 1997 ST₂, 1, 1, 0; 1997 TZ₉, 3, 1, 0;
1997 TM₁₉, 5, 2, 4; 1997 UH, 3, 1, 0; 1997 UV₇, 3, 1, 0; 1997 UE₈, 3, 1, 0; 1997 UN₉, 10, 4, 14;
1998 SA₁₃, 4, 2, 5; 1998 UC₁, 4, 2, 1; 1998 YJ₁₂, 4, 2, 7; 1999 ER₆, 2, 1, 0; 2000 CT₂₁, 1, 1, 0;
2000 CL₇₀, 3, 1, 0; 2000 DV₆₅, 2, 1, 0; 2000 EU₁₉₁, 3, 1, 0; 2000 GC₁₆, 3, 2, 1; 2000 GF₅₉, 3, 1,
0; 2000 GO₆₄, 3, 1, 0; 2000 HM₁₃, 5, 2, 2; 2000 HE₂₄, 2, 1, 0; 2000 HF₂₄, 4, 2, 1; 2000 JX₅, 6, 1,
0; 2000 JS₂₃, 5, 2, 3; 2000 JO₄₅, 3, 1, 0; 2000 JH₆₄, 2, 1, 0; 2000 KE₉, 3, 1, 0; 2000 KL₄₁, 2, 1, 0;
2001 NU₉, 3, 2, 5; 2001 NU₁₈, 2, 1, 0; 2001 OB₃, 2, 1, 0; 2001 OD₁₇, 2, 1, 0; 2001 OH₁₇, 5, 2, 8;
2001 OL₂₄, 2, 1, 0; 2001 ON₃₂, 2, 1, 0; 2001 OA₄₆, 1, 1, 0; 2001 OB₆₈, 3, 1, 0; 2001 OR₇₂, 6, 2, 6;
2001 OC₇₇, 6, 3, 1, 0; 2001 OD₇₇, 5, 2, 5; 2001 OF₇₇, 4, 2, 12; 2001 OP₈₀, 3, 1, 0; 2001 OM₈₁, 2, 1,
0; 2001 OE₈₄, 3, 1, 0; 2001 OG₈₄, 3, 1, 0; 2001 OQ₉₅, 4, 1, 0; 2001 OB₁₀₀, 2, 1, 0; 2001 OR₁₀₀,
3, 1, 0; 2001 OG₁₀₈, 5, 2, 15; 2001 PE₇ *, 14, 5, 16; 2001 PF₇ *, 7, 3, 4; 2001 PG₇ *, 13,
5, 9; 2001 PH₉, 7, 2, 16; 2001 PJ₉, 6, 1, 0; 2001 PK₉, 6, 2, 2; 2001 PL₉, 6, 2, 1; 2001 PM₉,
3, 1, 0; 2001 PP₉ *, 9, 4, 13; 2001 PT₉, 9, 2, 1; 2001 PU₉, 7, 1, 0; 2001 PE₁₃ *, 11, 5, 14;
2001 PF₁₃ *, 11, 5, 15; 2001 PG₁₃ *, 6, 3, 4; 2001 PH₁₃, 6, 1, 0; 2001 PT₁₃, 5, 2, 1; 2001 PG₁₄,

8, 1, 0; 2001 PR₁₄ *, 3, 2, 1; 2001 PS₁₄ *, 5, 3, 4; 2001 PT₁₄ *, 7, 3, 12; 2001 PU₁₄ *, 6, 4, 12;
2001 PV₁₄ *, 4, 2, 1; 2001 PH₂₉, 4, 2, 1; 2001 PJ₂₉, 10, 2, 1; 2001 PB₄₄, 3, 1, 0; 2001 PC₄₄, 13,
2, 3; 2001 PS₅₀ *, 9, 2, 3; 2001 QJ, 5, 2, 10; 2001 QR₂, 2, 1, 0; 2001 QF₆, 2, 1, 0; 2001 QS₁₂,
8, 3, 2; 2001 QR₃₂, 3, 1, 0; 2001 QH₃₃, 2, 1, 0; 2001 QJ₃₃ *, 7, 3, 7; 2001 QK₃₃ *, 9, 4, 10;
2001 QR₃₃, 3, 1, 0; 2001 QS₃₃, 3, 1, 0; 2001 QT₃₃, 3, 1, 0; 2001 QV₃₃ *, 13, 5, 10; 2001 QW₃₃ *,
7, 3, 9; 2001 QX₃₃ *, 17, 6, 9; 2001 QY₃₃ *, 14, 4, 8; 2001 QZ₃₃, 5, 2, 3; 2001 QA₃₄, 3, 1, 0;
2001 QB₃₄, 2, 1, 0; 2001 QC₃₄, 3, 1, 0; 2001 QD₃₄, 3, 1, 0; 2001 QE₃₄, 3, 1, 0; 2001 QE₉₄ *, 14, 5,
8; 2001 QF₉₄, 2, 1, 0; 2001 QG₉₄, 3, 1, 0; 2001 QT₉₄, 2, 1, 0; 2001 QG₉₆, 2, 1, 0; 2001 QH₉₆, 3, 1,
0; 2001 QJ₉₆, 3, 1, 0; 2001 QU₁₀₀ *, 5, 2, 5; 2001 QS₁₀₈, 4, 2, 2; 2001 QT₁₀₈, 2, 1, 0; 2001 QU₁₀₈,
2, 1, 0; 2001 QV₁₀₈, 2, 1, 0; 2001 QL₁₁₀ *, 5, 2, 6; 2001 QM₁₁₀ *, 6, 2, 6; 2001 QN₁₁₀ *, 7,
3, 7; 2001 QO₁₁₀ *, 7, 3, 4; 2001 QP₁₁₀ *, 5, 2, 6; 2001 QQ₁₁₀ *, 6, 2, 2; 2001 QR₁₁₀ *, 12,
2, 2; 2001 QS₁₁₀ *, 6, 3, 4; 2001 QT₁₁₀ *, 4, 2, 2; 2001 QU₁₁₀ *, 8, 3, 3; 2001 QV₁₁₀ *, 4,
4, 3; 2001 QW₁₁₀ *, 10, 4, 3; 2001 QX₁₁₀ *, 8, 3, 3; 2001 QY₁₁₀ *, 7, 3, 2; 2001 QZ₁₁₀ *,
4, 2, 1; 2001 QN₁₁₂, 6, 2, 1; 2001 QR₁₁₃ *, 5, 2, 1; 2001 QS₁₁₃ *, 7, 3, 2; 2001 QT₁₁₃ *, 5,
2, 1; 2001 QU₁₁₃ *, 8, 3, 7; 2001 QV₁₁₃ *, 5, 2, 1; 2001 QW₁₁₃ *, 5, 2, 1; 2001 QX₁₁₃ *, 3,
2, 1; 2001 QY₁₁₃ *, 5, 2, 1; 2001 QZ₁₁₃, 2, 1, 0; 2001 QG₁₄₂, 5, 1, 0; 2001 QH₁₄₂, 2, 1, 0;
2001 QJ₁₄₂, 3, 1, 0; 2001 QK₁₄₂, 2, 1, 0; 2001 QL₁₄₂, 2, 1, 0; 2001 QN₁₄₂, 3, 1, 0; 2001 QO₁₄₂,
3, 1, 0; 2001 QQ₁₄₂, 4, 1, 0; 2001 QZ₁₄₂ *, 5, 2, 5; 2001 QA₁₄₃, 2, 1, 0; 2001 QY₁₅₂ *, 4, 2,
1; 2001 QZ₁₅₂ *, 6, 2, 1; 2001 QA₁₅₃ *, 5, 2, 1; 2001 QB₁₅₃ *, 5, 2, 1; 2001 QC₁₅₃ *, 5, 2, 1;
2001 QJ₁₅₃, 4, 2, 2; 2001 QL₁₅₃, 2, 1, 0; 2001 QM₁₅₃, 3, 1, 0; 2169 P-L, 2, 1, 0; 7572 P-L, 6, 2,
1; (719), 13, 2, 1; (1070), 2, 1, 0; (1466), 3, 1, 0; (1807), 2, 1, 0; (1916), 28, 5, 13; (2649), 2, 1, 0;
(3308), 2, 1, 0; (4676), 2, 1, 0; (5057), 3, 1, 0; (5786), 75, 12, 15; (7768), 2, 1, 0; (8436), 5, 1, 0;
(9909), 5, 1, 0; (10264), 2, 1, 0; (12749), 1, 1, 0; (14642), 2, 1, 0; (15664), 5, 2, 1; (26760), 16, 3,
3; (26844), 3, 1, 0; (27227), 2, 1, 0; [939, 181, 50*, 1997/09/11–2001/08/28]

560 Madonna di Dossobuono

L. Lai, Via Mantovana 130e, I-37062 Dossobuono (Verona), Italy

[astrofil@astbo1.bo.cnr.it]

0.40-m $f/3.5$ reflector + CCD

GSC

1999 KW₄, 7, 2, 1; 2001 JM₁, 7, 2, 7; 2001 KA₆₇, 8, 2, 4; 2001 LB, 3, 1, 0; 2001 NZ₁, 5, 2, 1;
2001 OE₃, 13, 4, 10; 2001 OA₁₄, 6, 2, 3; [49, 7, 0*, 2001/06/03–2001/08/13]

561 Piskésetető Stn. (Konkoly)

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[kelemen@ogyalla.konkoly.hu]

0.60-m Schmidt telescope + CCD

USNO-A2.0

1999 NT₄₈, 2, 1, 0; 1999 PL₆, 2, 1, 0; 1999 TW₁₀₇, 2, 1, 0; 2000 DK₅₆, 2, 1, 0; 2001 OM₁₀₆, 3,
1, 0; 2001 PZ₉, 3, 1, 0; (27293), 3, 1, 0; [17, 7, 0*, 1998/12/11–2000/11/22]

566 Haleakala-NEAT/GEODSS

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Observers E. F. Helin, S. H. Pravdo, K. J. Lawrence, D. L. Rabinowitz, S. Groom,
C. Clark, R. Bamberg, S. Levin, J. Lorre, S. Shaklan, R. Byrd, A. Esquibel,
C. Cotton, D. Bascon

1-m $f/2.2$ Ritchey-Chrétien + CCD

1991 YB₁, 3, 1, 0; 1992 WL₂, 3, 1, 0; 1993 QU₅, 3, 1, 0; 1994 AA₃, 3, 1, 0; 1995 DJ, 3, 1, 0;
1995 VW, 3, 1, 0; 1996 FN₃, 3, 1, 0; 1997 EP₃₃, 3, 1, 0; 1997 JM₁₁, 3, 1, 0; 1997 UC₁₀, 3, 1, 0;
1997 WP₄₁, 6, 2, 32; 1997 XR₈, 3, 1, 0; 1997 YH₆, 6, 2, 87; 1997 YW₆, 3, 1, 0; 1998 BG₄₈, 3, 1,
0; 1998 DS₃₅, 2, 1, 0; 1998 FK₃₅, 3, 1, 0; 1998 FG₉₆, 3, 1, 0; 1998 HS₁₅₃, 3, 1, 0; 1998 SQ₄₂, 3, 1,
0; 1998 WW₉, 3, 1, 0; 1998 YF₂₃, 3, 1, 0; 1999 BP₁₃, 3, 1, 0; 1999 BG₁₅, 3, 1, 0; 1999 CU₁₄, 3, 1,
0; 1999 CM₃₇, 3, 1, 0; 1999 CC₃₈, 3, 1, 0; 1999 CO₅₆, 3, 1, 0; 1999 CC₆₅, 9, 2, 60; 1999 CH₆₅, 3,
1, 0; 1999 CA₇₃, 3, 1, 0; 1999 CQ₇₅, 3, 1, 0; 1999 CF₁₀₀, 3, 1, 0; 1999 CL₁₂₆, 3, 1, 0; 1999 CY₁₅₀,
3, 1, 0; 1999 GA₂₃, 3, 1, 0; 1999 GU₃₀, 3, 1, 0; 1999 GN₃₁, 3, 1, 0; 1999 JX₁, 3, 1, 0; 1999 JQ₉, 3,
1, 0; 1999 JV₂₈, 6, 2, 32; 1999 JS₄₆, 3, 1, 0; 1999 JJ₇₁, 3, 1, 0; 1999 PL₆, 3, 1, 0; 1999 RY₁₁, 3, 1,
0; 1999 RM₉₂, 3, 1, 0; 1999 RB₁₂₁, 3, 1, 0; 1999 RE₁₃₀, 3, 1, 0; 1999 UQ₂, 3, 1, 0; 1999 VD₁₇₂,
3, 1, 0; 1999 XO₁₁₂, 3, 1, 0; 1999 XO₁₄₃, 3, 1, 0; 1999 XM₂₂₁, 3, 1, 0; 1999 XB₂₂₅, 3, 1, 0;
2000 BU₈, 3, 1, 0; 2000 DB₂, 3, 1, 0; 2000 DR₅₁, 3, 1, 0; 2000 DQ₅₇, 3, 1, 0; 2000 DG₇₄, 3, 1, 0;
2000 DL₉₂, 3, 1, 0; 2000 EZ₁₁, 3, 1, 0; 2000 EY₁₂, 3, 1, 0; 2000 EQ₁₃, 3, 1, 0; 2000 EE₃₉, 3, 1, 0;
2000 EG₁₁₁, 3, 1, 0; 2000 EL₁₂₂, 3, 1, 0; 2000 EP₁₂₂, 3, 1, 0; 2000 FP₃, 3, 1, 0; 2000 FB₂₁, 3, 1,
0; 2000 FD₄₀, 3, 1, 0; 2000 FG₄₆, 3, 1, 0; 2000 GX₃, 3, 1, 0; 2000 GX₅₁, 3, 1, 0; 2000 GH₉₈, 3, 1,

0; 2000 GA₁₂₆, 3, 1, 0; 2000 GO₁₄₁, 3, 1, 0; 2000 GH₁₇₄, 3, 1, 0; 2000 HA₆, 3, 1, 0; 2000 HP₁₁, 3, 1, 0; 2000 HR₇₄, 3, 1, 0; 2000 HP₈₅, 3, 1, 0; 2000 HJ₁₀₀, 3, 1, 0; 2000 JM₅, 3, 1, 0; 2000 JU₁₅, 3, 1, 0; 2000 JD₂₈, 3, 1, 0; 2000 JC₈₅, 3, 1, 0; 2000 KP₅₇, 3, 1, 0; 2000 LV₈, 3, 1, 0; 2000 LN₁₀, 3, 1, 0; 2000 LL₁₂, 6, 1, 0; 2000 MN₃, 3, 1, 0; 2000 MW₃, 3, 1, 0; 2000 OW₃, 3, 1, 0; 2000 OZ₁₆, 3, 1, 0; 2000 QV₂₄, 3, 1, 0; 2000 QP₂₇, 3, 1, 0; 2000 QN₉₉, 3, 1, 0; 2000 RS₁₈, 3, 1, 0; 2000 SD₁₂₁, 3, 1, 0; 2000 SW₁₂₁, 3, 1, 0; 2000 SO₁₂₇, 3, 1, 0; 2000 SX₃₀₁, 3, 1, 0; 2000 UK₄₀, 3, 1, 0; 2000 UT₈₂, 3, 1, 0; 2000 UL₁₀₀, 6, 2, 56; 2000 WF₁₃₃, 3, 1, 0; 2000 AA₄₅, 3, 1, 0; 2000 DD₂₁, 3, 1, 0; 2000 DJ₄₁, 3, 1, 0; 2000 FY₁, 3, 1, 0; 2000 FA₇, 3, 1, 0; 2000 GJ₅, 3, 1, 0; 2000 HT₃₆, 3, 1, 0; 2000 HW₆₂, 3, 1, 0; 2000 JJ₄, 3, 1, 0; 2000 KK₇, 3, 1, 0; 2000 KQ₁₁, 3, 1, 0; 2000 KR₆₉, 3, 1, 0; 2000 KX₇₆, 1, 1, 0; 2000 LA₁, 3, 1, 0; 2000 LO₇, 2, 1, 0; 2000 LJ₁₉, 3, 1, 0; 2000 LN₁₉, 3, 1, 0; 2000 MY₈, 3, 1, 0; 2000 MW₁₈, 3, 1, 0; 2000 MY₁₈, 3, 1, 0; 2000 MR₂₄, 3, 1, 0; 2000 NC₂, 3, 1, 0; 2000 NE₃, 3, 1, 0; 2000 NE₆, 3, 1, 0; 2000 NW₁₀, 3, 1, 0; 2000 NF₁₃, 3, 1, 0; 2000 OA₅, 3, 1, 0; 2000 OV₈, 6, 1, 0; 2000 OM₁₀, 3, 1, 0; 2000 OZ₁₁, 3, 1, 0; 2000 OO₁₃, 3, 1, 0; 2000 ON₁₄, 3, 1, 0; 2000 OY₂₀, 3, 1, 0; 2000 OF₂₁, 3, 1, 0; 2000 OD₂₂, 3, 1, 0; 2000 OE₃₀, 6, 2, 29; 2000 OE₄₆, 6, 2, 57; 2000 OA₅₄, 6, 2, 60; 2000 OX₅₉, 3, 1, 0; 2000 OG₆₈, 6, 2, 86; 2000 OP₆₉, 6, 2, 59; 2000 OZ₆₉, 3, 1, 0; 2000 OZ₇₅, 3, 1, 0; 2000 OQ₉₁, 3, 1, 0; 2000 OO₉₆, 3, 1, 0; 2000 OP₁₀₇, 3, 1, 0; 2000 OQ₁₀₇, 3, 1, 0; 2000 PF₃, 3, 1, 0; 2000 PY₂, 3, 1, 0; 2000 PC₃₃, 6, 2, 86; 2000 PG₃₄, 3, 1, 0; 2000 QT₁₉, 3, 1, 0; 2000 QF₇₁, 3, 1, 0; 3091 P-L, 6, 2, 29; 9063 P-L, 3, 1, 0; 4030 T-1, 3, 1, 0; 1455 T-2, 3, 1, 0; (27214), 3, 1, 0; (27379), 3, 1, 0; (27432), 3, 1, 0; (27600), 3, 1, 0; [542, 167, 0*, 1995/12/20-1999/02/19]

568 Mauna Kea

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D. J. Tholen, Institute for Astronomy, 2680 Woodlawn Drive, Honolulu, HI 96822,

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C. Veillet, Canada-France-Hawaii Telescope Corporation, P.O. Box 1597, Kamuela, HI 96743, U.S.A. [veillet@cfht.hawaii.edu] (3)

B. Gladman, Observatoire de Nice, Department Cassini, BP 229, F-06304 Nice Cedex 4, France [gladman@obs-nice.fr] (6)

Observers D. Jewitt, S. Sheppard, D. J. Tholen, C. Veillet, A. Doressoundiram, J.-M. Petit, J. Kavelaars, M. Holman, B. Gladman

2.24-m reflector + CCD, 3.6-m Canada-France-Hawaii Telescope

USNO-A2.0, USNO-SA1.0

{1} 2001 OX₁₀₈ *, 1, 1, 0; [1, 1, 1*, 2001/07/19]

{2} 1999 GN₂₁, 4, 2, 1; 2001 FA₇, 4, 2, 1; 2001 FD₅₈, 4, 2, 1; 2001 HA₄, 4, 2, 1; 2001 OH₇₇ *, 16, 8, 24; 2001 OA₈₄ *, 14, 7, 25; 2001 OW₉₄ *, 11, 6, 22; 2001 OP₁₀₄ *, 12, 6, 23; 2001 OP₁₀₈ *, 7, 4, 21; 2001 OX₁₀₈, 13, 7, 23; (1946), 2, 1, 0; (25143), 2, 1, 0; [93, 12, 5*, 2001/07/16-2001/08/13]

{3} 2000 OO₆₇, 7, 2, 1; 2000 PU₂₉, 4, 2, 47; 2000 PL₃₀, 4, 2, 1; 2000 YY₁₄₂ *, 3, 2, 1; 2001 OG₁₀₈, 3, 1, 0; 2001 PK₄₇ *, 6, 3, 2; [27, 6, 2*, 2000/12/23-2001/08/14]

{6} 1999 OC₄, 4, 2, 1; 1999 OD₄, 4, 2, 1; 1999 OE₄, 4, 2, 1; 1999 OF₄, 4, 2, 1; 1999 OG₄, 4, 2, 2; 1999 OH₄, 3, 1, 0; 1999 OJ₄, 3, 1, 0; 1999 OM₄, 4, 2, 1; 1999 ON₄, 4, 2, 1; 2000 OB₅₁, 7, 3, 736; 2000 OY₅₁, 4, 2, 1; 2000 PU₂₉, 3, 1, 0; 2000 PV₂₉, 4, 2, 1; 2000 PV₂₉, 6, 2, 737; 2000 PX₂₉, 4, 2, 1; 2000 PY₂₉, 7, 3, 303; 2000 PC₃₀, 7, 3, 736; 2000 PD₃₀, 7, 3, 738; 2000 PF₃₀, 3, 1, 0; 2000 PG₃₀, 7, 3, 738; 2000 PJ₃₀, 4, 2, 1; 2000 PL₃₀, 3, 1, 0; 2000 PN₃₀, 4, 2, 1; 2000 SW₃₇₀ *, 6, 2, 1; 2000 SX₃₇₀ *, 6, 2, 1; 2000 SY₃₇₀ *, 5, 2, 1; 2000 SZ₃₇₀ *, 6, 2, 1; 2000 SA₃₇₁ *, 6, 2, 1; 2000 SB₃₇₁ *, 6, 2, 1; 2000 SC₃₇₁ *, 5, 2, 1; 2000 SD₃₇₁ *, 5, 2, 1; 2001 KL₇₆, 3, 2, 1; 2001 KA₇₇, 3, 2, 1; 2001 OJ₁₀₈ *, 4, 2, 1; 2001 OK₁₀₈ *, 4, 2, 1; 2001 OL₁₀₈ *, 4, 2, 1; 2001 OM₁₀₈ *, 4, 2, 1; 2001 ON₁₀₈ *, 4, 2, 1; 2001 OO₁₀₈ *, 4, 2, 1; 2001 OQ₁₀₈ *, 3, 3, 2; 2001 OR₁₀₈ *, 4, 2, 1; 2001 OS₁₀₈ *, 3, 1, 0; 2001 OT₁₀₈ *, 4, 2, 1; 2001 OU₁₀₈ *, 4, 2, 1; [197, 44, 19*, 1999/07/18-2001/07/27]

586 Pic du Midi

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Observers C. Cavadore, B. Gaillard, F. Colas

Measurer B. Gaillard

1.05 m $f/6$ reflector + CCD

USNO-A2.0

1993 FF₆, 6, 2, 2; 1996 PM₉, 13, 3, 2; 1998 VB₁₃, 3, 1, 0; 1998 XL₁₇, 3, 1, 0; 1999 CY₄, 5, 1, 0; 2000 DZ₁₅, 3, 1, 0; 2000 DX₇₈, 3, 1, 0; 2000 EE₇, 3, 1, 0; 2000 GK₃₉, 3, 1, 0; 2001 MW₂₈, 5, 1, 0; 2001 NU₁₉, 6, 2, 1; 2001 OF₃, 8, 2, 1; 2001 OL₉₀, 3, 1, 0; 2001 QB₁, 7, 2, 1; 2001 QW₂, 3, 1, 0; 2001 QT₆, 3, 1, 0; 2001 QE₇, 4, 1, 0; 2001 QA₁₉, 4, 1, 0; 2001 QT₄₈, 3, 1, 0; 2001 QV₄₈, 3, 1, 0; 2001 QP₅₄, 3, 1, 0; 2001 QE₆₁, 3, 1, 0; 2001 QW₇₂ *, 6, 2, 1; 2001 QX₇₂ *, 16, 4, 3; 2001 QY₇₂ *, 18, 4, 3; 2001 QZ₇₂ *, 16, 4, 3; 2001 QA₇₃ *, 16, 4, 3; 2001 QV₈₇ *, 10, 3, 2; 2001 QD₉₄ *, 7, 2, 1; 2085 T-1, 4, 1, 0; (163), 4, 1, 0; (2391), 4, 1, 0; (2859), 10, 3, 2; (4023), 6, 1, 0; (5177), 3, 1, 0; (5575), 4, 1, 0; (5677), 3, 1, 0; (7183), 3, 1, 0; (8006), 4, 1, 0; (8221), 5, 1, 0; (10281), 4, 1, 0; (10521), 3, 1, 0; (13529), 19, 4, 3; (15588), 3, 1, 0; (15811), 4, 1, 0; (15862), 4, 1, 0; (26590), 3, 1, 0; (27083), 4, 1, 0; (27113), 3, 1, 0; [283, 49, 7*, 2001/08/20-2001/08/24]

587 Sormano

P. Sicoli, Via Valli 9, I-23846 Garbagnate Monastero (Lecco), Italy

[sormano@tin.it]

Observers F. Manca, A. Testa, P. Sicoli

Measurer F. Manca

0.5-m reflector + CCD

GSC-1.1, USNO-A2.0

1999 HF₁, 2, 1, 0; 2001 OE₃, 2, 1, 0; 2001 OG₂₅, 2, 1, 0; 2001 PM₉, 3, 1, 0; 2001 QC₃₄, 2, 1, 0; 2001 QG₉₄, 2, 1, 0; 2001 QJ₉₆, 2, 1, 0; 2001 QG₁₄₂, 3, 1, 0; [18, 8, 0*, 2001/08/16-2001/08/27]

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, L. Bittesini, F. Piani

Measurers E. Pettarin, F. Piani

0.40-m $f/4.5$ reflector + CCD

USNO-A2.0

2001 PR₁₃ *, 6, 2, 1; 2001 PA₄₂, 2, 1, 0; 2001 QE₇₁, 3, 1, 0; 2001 QP₁₅₃, 4, 1, 0; [15, 4, 1*, 1998/01/17-2001/08/28]

596 Colleverde di Guidonia

V. S. Casulli, Via M. Rosa 1, I-00010 Colleverde di Guidonia (RM), Italy

[v.casulli@priminet.it]

0.40-m $f/3.2$ reflector + CCD

USNO-A2.0

2000 HF₄₇, 3, 1, 0; 2001 NL₂₀, 2, 1, 0; 2001 OR₂₀, 2, 1, 0; 2001 OJ₅₆, 3, 1, 0; 2001 OG₉₅, 3, 1, 0; 2001 QF₇₁ *, 6, 2, 1; (26643), 3, 1, 0; [22, 7, 1*, 2001/08/12-2001/08/21]

599 Campo Imperatore-CINEOS

A. Carusi, Istituto di Astrofisica Spaziale, Via Fosso del Cavaliere, I-00133 Rome,

Italy [carusi@saturn.ias.fra.cnr.it]

Observers A. Boattini, F. Bernardi, A. Di Paola

Measurers A. Boattini, F. Bernardi

0.60-m $f/3$ Schmidt + CCD

GSC

1998 TY₁₈, 2, 1, 0; 1999 TS₂₂₂, 2, 1, 0; 2000 JX₂₀, 2, 1, 0; 2000 SY₂₁₂, 2, 1, 0; (719), 3, 1, 0; (26760), 4, 1, 0; [15, 6, 0*, 1997/01/16-2001/08/01]

608 Haleakala-NEAT/MSSS

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Maui, HI 96753, U.S.A. [paul@ulua.mhpc.af.mil]

Observers E. F. Helin, S. Pravdo, K. Lawrence, P. Kervin, J. Africano, R. Maeda, M. Hicks

1.2-m reflector + CCD

1974 OU₁, 3, 1, 0; 1978 TR₇, 3, 1, 0; 1978 UK₆, 3, 1, 0; 1978 VX₅, 3, 1, 0; 1978 VZ₅, 3, 1, 0; 1978 VU₆, 3, 1, 0; 1979 KJ₃, 3, 1, 0; 1979 MF₃, 6, 1, 0; 1979 ME₄, 3, 1, 0; 1979 MF₇, 3, 1, 0; 1979 MV₇, 3, 1, 0; 1979 SD, 3, 1, 0; 1981 EA₅, 3, 1, 0; 1981 EE₅, 3, 1, 0; 1981 EG₁₀, 3, 1, 0; 1981 EC₁₇, 3, 1, 0; 1981 ED₂₀, 3, 1, 0; 1981 EX₂₀, 6, 1, 0; 1981 EQ₂₁, 3, 1, 0; 1981 EC₂₂, 6, 2, 5; 1981 EC₃₄, 6, 2, 4; 1981 EX₃₄, 3, 1, 0; 1981 EW₃₆, 3, 1, 0; 1981 EO₃₇, 3, 1, 0; 1981 EG₄₀, 3, 1, 0; 1981 EH₄₀, 3, 1, 0; 1981 EN₄₇, 3, 1, 0; 1983 RA₄, 3, 1, 0; 1985 CU₁, 9, 2, 4; 1986 QY₃, 3, 1, 0; 1987 UE₁, 3, 1, 0; 1987 WP, 3, 1, 0; 1988 CP, 3, 1, 0; 1988 EA₁, 3, 1, 0; 1988 RY₁, 3, 1, 0; 1988 RO₅, 3, 1, 0; 1988 SV₁, 3, 1, 0; 1989 CH, 3, 1, 0; 1989 CX₁, 3, 1, 0; 1989 CH₃, 3, 1, 0; 1989 SJ₁, 6, 2, 1; 1989 SP₁, 3, 1, 0; 1989 SS₁, 9, 2, 13; 1989 SF₂, 3, 1, 0; 1989 SR₃, 9, 3, 4; 1989 SE₅, 3, 1, 0; 1989 SV₅, 3, 1, 0; 1989 UA, 3, 1, 0; 1989 UK₁, 3, 1, 0; 1989 UP₃, 6, 2, 2; 1990 QA₄, 3, 1, 0; 1990 QH₉, 9, 3, 11; 1990 QU₉, 3, 1, 0; 1990 RB₁, 3, 1, 0; 1990 RH₇, 3, 1, 0; 1990 RA₈, 6, 2, 8; 1990 RU₈, 3, 1, 0; 1990 SO₆, 6, 2, 3; 1990 SA₈, 3, 1, 0; 1990 SZ₁₀, 12, 3, 17; 1990 TJ₄, 6, 2, 4; 1990 TT₄, 3, 1, 0; 1990 UV, 3, 1, 0; 1990 UY₃, 3, 1, 0; 1990 UJ₄, 6, 2, 13; 1990 VO₆, 3, 1, 0; 1990 WE₃, 3, 1, 0; 1990 WF₅, 6, 2, 8; 1991 BJ₂, 4, 2, 17; 1991 CG₁, 3, 1, 0; 1991 FQ₂, 12, 3, 13; 1991 GM₇, 3, 1, 0; 1991 GL₈, 6, 2, 3; 1991 NJ₁, 9, 2, 18; 1991 PF₅, 3, 1, 0; 1991 PD₁₁, 3, 1, 0; 1991 PS₁₄, 15, 4, 19; 1991 PO₁₈, 3, 1, 0; 1991 RG₂, 3, 1, 0; 1991 RJ₄, 6, 2, 8; 1991 RC₅, 6, 2, 12; 1991 RE₆, 3, 1, 0; 1991 RH₆, 3, 1, 0; 1991 RP₁₈, 3, 1, 0; 1991 RS₂₀, 3, 1, 0; 1991 TO, 3, 1, 0; 1991 VB, 3, 1, 0; 1991 VY₂, 6, 1, 0; 1991 VX₅, 3, 1, 0; 1991 YB₁, 3, 1, 0; 1992 BJ, 3, 1, 0; 1992 BC₃, 3, 1, 0; 1992 BU, 3, 1, 0; 1992 BW₃, 9, 2, 7; 1992 BU₄, 3, 1, 0; 1992 DN₃, 3, 1, 0; 1992 DF₆, 3, 1, 0; 1992 DH₇, 3, 1, 0; 1992 EN₄, 3, 1, 0; 1992 EA₁₅, 3, 1, 0; 1992 EA₂₃, 3, 1, 0; 1992 EH₂₄, 6, 2, 8; 1992 GA₅, 3, 1, 0; 1992 HO, 3, 1, 0; 1992 JC₁, 3, 1, 0; 1992 OE, 3, 1, 0; 1992 OE₇, 3, 1, 0; 1992 PN₁, 3, 1, 0; 1992 SN₁₂, 3, 1, 0; 1992 SO₁₇, 9, 3, 4; 1992 UO₆, 6, 2, 2; 1992 WL₂, 3, 1, 0; 1993 AS, 12, 3, 17; 1993 BB, 6, 2, 5; 1993 BA₃, 3, 1, 0; 1993 BS₆, 3, 1, 0; 1993 BB₇, 3, 1, 0; 1993 FF₆, 3, 1, 0; 1993 FC₇, 6, 2, 1; 1993 FO₁₂, 3, 1, 0; 1993 FE₁₆, 3, 1, 0; 1993 FQ₁₇, 3, 1, 0; 1993 FH₁₈, 3, 1, 0; 1993 FD₂₂, 3, 1, 0; 1993 FA₂₈, 3, 1, 0; 1993 FS₂₈, 3, 1, 0; 1993 FY₃₀, 9, 2, 9; 1993 FF₃₁, 3, 1, 0; 1993 FO₃₁, 3, 1, 0; 1993 FO₃₂, 3, 1, 0; 1993 FU₃₅, 9, 2, 5; 1993 FS₃₈, 3, 1, 0; 1993 FD₄₂, 3, 1, 0; 1993 FF₄₅, 3, 1, 0; 1993 FT₅₆, 3, 1, 0; 1993 FX₅₆, 3, 1, 0; 1993 KZ₁, 3, 1, 0; 1993 PS₃, 6, 1, 0; 1993 QU₄, 9, 2, 5; 1993 QP₅, 9, 2, 13; 1993 RR, 12, 3, 19; 1993 RC₂, 3, 1, 0; 1993 RW₃, 3, 1, 0; 1993 RG₅, 3, 1, 0; 1993 RH₅, 6, 2, 3; 1993 RS₆, 3, 1, 0; 1993 SS₄, 3, 1, 0; 1993 SA₁₄, 3, 1, 0; 1993 SS₁₅, 3, 1, 0; 1993 TH₂, 9, 3, 13; 1993 TV₁₅, 6, 2, 13; 1993 TO₁₇, 6, 1, 0; 1993 TF₁₈, 3, 1, 0; 1993 TD₃₄, 3, 1, 0; 1993 TY₃₄, 3, 1, 0; 1993 TO₃₆, 3, 1, 0; 1993 TJ₃₈, 3, 1, 0; 1993 UD₈, 3, 1, 0; 1993 VA₅, 6, 2, 13; 1994 AP₅, 3, 1, 0; 1994 BL₃, 3, 1, 0; 1994 LU₈, 3, 1, 0; 1994 PB₄, 3, 1, 0; 1994 PV₄, 3, 1, 0; 1994 PH₅, 3, 1, 0; 1994 PW₁₃, 3, 1, 0; 1994 PF₁₆, 9, 3, 23; 1994 PK₂₁, 6, 2, 4; 1994 PC₂₆, 6, 2, 13; 1994 PJ₂₈, 9, 3, 23; 1994 PC₃₁, 3, 1, 0; 1994 PM₃₁, 6, 2, 3; 1994 PS₃₆, 6, 2, 11; 1994 PO₃₇, 3, 1, 0; 1994 TP₅, 3, 1, 0; 1994 TE₁₂, 6, 2, 12; 1994 TJ₁₆, 6, 2, 12; 1994 TT₁₆, 3, 1, 0; 1994 UR, 3, 1, 0; 1994 UZ, 3, 1, 0; 1994 UD₂, 3, 1, 0; 1994 VQ₂, 3, 1, 0; 1994 YS, 6, 2, 5; 1994 YG₁, 6, 2, 12; 1995 AK, 3, 1, 0; 1995 BV₂, 3, 1, 0; 1995 BL₄, 6, 2, 17; 1995 BJ₅, 3, 1, 0; 1995 CF₁, 3, 1, 0; 1995 CZ₁, 3, 1, 0; 1995 EA₉, 3, 1, 0; 1995 FZ₆, 6, 2, 13; 1995 FE₁₅, 3, 1, 0; 1995 GA₄, 3, 1, 0; 1995 GP₇, 6, 2, 13; 1995 HP₂, 3, 1, 0; 1995 MY₁, 3, 1, 0; 1995 QX, 3, 1, 0; 1995 SV₂₉, 3, 1, 0; 1995 UM₅, 3, 1, 0; 1995 VL₁₅, 6, 2, 4; 1995 YM₁, 6, 2, 12; 1995 YE₆, 3, 1, 0; 1995 YS₁₂, 3, 1, 0; 1996 BM₄, 3, 1, 0; 1996 BX₄, 3, 1, 0; 1996 BG₈, 6, 1, 0; 1996 CE₁, 3, 1, 0; 1996 DC₁, 3, 1, 0; 1996 EQ, 3, 1, 0; 1996 EC₁, 6, 2, 5; 1996 EJ₁, 12, 3, 13; 1996 EM₁, 12, 4, 19; 1996 EB₅, 6, 1, 0; 1996 EN₁₂, 12, 3, 12; 1996 ER₁₂, 3, 1, 0; 1996 FV₄, 3, 1, 0; 1996 FX₂₁, 3, 1, 0; 1996 GG₅, 3, 1, 0; 1996 GK₅, 6, 1, 0; 1996 HP₄, 6, 2, 8; 1996 HT₆, 3, 1, 0; 1996 HO₁₄, 6, 2, 12; 1996 HG₂₅, 3, 1, 0; 1996 HK₂₅, 3, 1, 0; 1996 JE₁₆, 3, 1, 0; 1996 MB, 3, 1, 0; 1996 NB, 3, 1, 0; 1996 NF₄, 6, 2, 5; 1996 OV₂, 3, 1, 0; 1996 RH₃, 3, 1, 0; 1996 RO₆, 6, 2, 3; 1996 TO₃, 6, 2, 8; 1996 TC₁₄, 3, 1, 0; 1996 TX₁₆, 3, 1, 0; 1996 TN₁₈, 3, 1, 0; 1996 TU₁₉, 3, 1, 0; 1996 TB₂₀, 3, 1, 0; 1996 TE₄₀, 9, 2, 18; 1996 TC₄₁, 3, 1, 0; 1996 UU₁, 6, 2, 13; 1996 VU₂, 3, 1, 0; 1996 VJ₄, 3, 1, 0; 1996 XX₅, 9, 3, 4; 1996 XW₈, 3, 1, 0; 1997 AW₂₀, 3, 1, 0; 1997 AH₂₁, 3, 1, 0; 1997 CZ₂₁, 3, 1, 0; 1997 EJ₁₁, 3, 1, 0; 1997 EM₁₅, 3, 1, 0; 1997 GU₇, 6, 2, 12; 1997 GR₁₁, 6, 2, 7; 1997 GS₁₄, 3, 1, 0; 1997 GW₁₄, 6, 2, 4; 1997 GU₁₅, 3, 1, 0; 1997 GA₂₆, 6, 2, 8; 1997 HO₂, 6, 2, 4; 1997 HT₁₁, 6, 2, 12; 1997 HZ₁₃, 9, 2, 7; 1997 JN, 3, 1, 0; 1997 JX₁₁, 6, 2, 30; 1997 JO₁₄, 15, 3, 13; 1997 JT₁₄, 3, 1, 0; 1997 LG₁, 3, 1, 0; 1997 LB₄, 6, 1, 0; 1997 LF₄, 3, 1, 0; 1997 LB₁₂, 3, 1, 0; 1997 MQ₂, 3, 1, 0; 1997 MK₃, 3, 1, 0; 1997 MR₉, 3, 1, 0; 1997 NO, 3, 1, 0; 1997 NB₁, 3, 1, 0; 1997 NM₃, 3, 1, 0; 1997 NS₄, 3, 1, 0; 1997 NU₄, 3, 1, 0; 1997 NE₆, 3, 1, 0; 1997 ON₂, 3, 1, 0; 1997 PC, 3, 1, 0; 1997 PD₁, 3, 1, 0; 1997 PR₄, 3, 1, 0; 1997 QZ, 3, 1, 0; 1997 QC₂, 3, 1, 0; 1997 QR₂, 3, 1, 0; 1997 QB₄, 3, 1, 0; 1997 RC, 3, 1, 0; 1997 RM₁, 3, 1, 0; 1997 RN₁, 3, 1, 0; 1997 SN₁, 3, 1, 0; 1997 SC₃, 6, 2, 46; 1997 SR₃, 3, 1, 0; 1997 SX₃, 6, 2, 25; 1997 SK₄, 3, 1, 0; 1997 SO₄, 3, 1, 0; 1997 SL₁₀, 9, 3, 12; 1997 SC₁₈, 2, 1, 0; 1997 TE, 3, 1, 0; 1997 TR₉, 3, 1, 0; 1997 TZ₉, 3, 1, 0; 1997 TM₁₉, 6, 2, 3; 1997 TK₂₄, 6, 2, 5; 1997 TW₂₄, 3, 1, 0; 1997 TB₂₇, 6, 1, 0; 1997 UE₁, 6, 2, 9; 1997 UJ₁, 6, 1, 0; 1997 UP₇, 3, 1, 0; 1997 UV₇, 3, 1, 0; 1997 UE₈, 3, 1, 0; 1997 UP₁₀, 3, 1, 0; 1997 UH₁₉, 3, 1, 0; 1997 UH₂₂, 3, 1, 0; 1997 VC₁, 12, 3, 12; 1997 VH₁, 3, 1, 0; 1997 VV₂, 3, 1, 0; 1997 VC₃, 3, 1, 0; 1997 VA₄, 3, 1, 0; 1997 VG₄, 3, 1, 0; 1997 VO₅, 9, 3, 20; 1997 VD₆, 3, 1, 0; 1997 VW₆, 3, 1, 0; 1997 WM₁, 3, 1, 0; 1997 WT₁, 3, 1, 0; 1997 WF₂, 3, 1, 0; 1997 WJ₅, 3, 1, 0; 1997 WU₇, 3, 1, 0; 1997 WU₈, 9, 3, 4; 1997 WC₂₁, 6, 2, 11; 1997 WP₃₂, 3, 1, 0; 1997 WO₅₁, 9, 3, 8; 1997 WT₅₂, 3, 1, 0; 1997 YF₂, 6, 2, 13; 1997 YE₃, 3, 1, 0; 1997 YW₃, 3, 1, 0; 1997 YQ₄, 3, 1, 0; 1997 YN₅, 9, 3, 12; 1997 YG₉, 3, 1, 0; 1997 YV₁₁, 3, 1, 0; 1997 YV₁₃, 3, 1, 0; 1997 YK₁₈, 3, 1, 0; 1997 YV₁₈, 3, 1, 0; 1998 AE, 6,

2, 3; 1998 AG, 3, 1, 0; 1998 BW₁, 3, 1, 0; 1998 BX₇, 6, 2, 8; 1998 BA₉, 9, 3, 8; 1998 BF₁₁, 6, 2, 13; 1998 BC₁₂, 9, 3, 9; 1998 BV₂₉, 3, 1, 0; 1998 BA₄₄, 6, 2, 7; 1998 CJ₂, 3, 1, 0; 1998 CS₂, 3, 1, 0; 1998 DP, 3, 1, 0; 1998 DS₄, 3, 1, 0; 1998 DS₈, 3, 1, 0; 1998 DZ₉, 3, 1, 0; 1998 DW₁₂, 3, 1, 0; 1998 DF₁₆, 3, 1, 0; 1998 FG₁₄, 3, 1, 0; 1998 GK₈, 3, 1, 0; 1998 KM₄₈, 6, 2, 10; 1998 KJ₅₆, 3, 1, 0; 1998 NT, 3, 1, 0; 1998 QM₂, 3, 1, 0; 1998 QP₂₁, 9, 3, 13; 1998 QW₄₀, 3, 1, 0; 1998 QG₄₁, 3, 1, 0; 1998 QY₄₂, 3, 1, 0; 1998 QT₄₄, 3, 1, 0; 1998 QS₄₈, 9, 3, 8; 1998 QC₄₉, 3, 1, 0; 1998 QK₅₁, 3, 1, 0; 1998 QN₅₁, 3, 1, 0; 1998 QA₅₂, 3, 1, 0; 1998 QH₅₅, 6, 2, 13; 1998 QG₆₂, 3, 1, 0; 1998 QG₇₂, 3, 1, 0; 1998 QT₇₆, 6, 2, 8; 1998 QV₉₀, 9, 3, 4; 1998 QQ₉₁, 3, 1, 0; 1998 QH₉₂, 6, 2, 12; 1998 QG₉₈, 3, 1, 0; 1998 QH₁₀₁, 9, 2, 5; 1998 QL₁₀₂, 3, 1, 0; 1998 QL₁₀₅, 3, 1, 0; 1998 QK₁₀₆, 3, 1, 0; 1998 RL₂, 6, 2, 8; 1998 RQ₂, 9, 2, 12; 1998 RT₁₉, 3, 1, 0; 1998 RS₄₅, 3, 1, 0; 1998 RP₅₀, 9, 3, 14; 1998 RT₅₃, 6, 2, 17; 1998 RK₅₅, 6, 2, 13; 1998 RO₅₅, 6, 2, 5; 1998 RW₅₅, 12, 3, 17; 1998 RZ₅₅, 3, 1, 0; 1998 RO₆₁, 3, 1, 0; 1998 RB₆₆, 3, 1, 0; 1998 RH₆₇, 6, 1, 0; 1998 RL₆₇, 3, 1, 0; 1998 RU₆₇, 3, 1, 0; 1998 RJ₆₉, 3, 1, 0; 1998 RK₇₁, 6, 2, 8; 1998 RP₇₁, 12, 4, 19; 1998 RU₇₂, 3, 1, 0; 1998 RW₇₆, 3, 1, 0; 1998 RD₇₇, 9, 2, 12; 1998 RO₇₇, 3, 1, 0; 1998 RR₇₇, 9, 2, 18; 1998 RZ₇₇, 12, 3, 23; 1998 RK₈₀, 3, 1, 0; 1998 SX, 6, 2, 12; 1998 SN₈, 3, 1, 0; 1998 SJ₉, 6, 1, 0; 1998 SJ₁₃, 3, 1, 0; 1998 SA₂₂, 6, 1, 0; 1998 ST₂₄, 3, 1, 0; 1998 SC₂₅, 3, 1, 0; 1998 SJ₂₅, 9, 2, 12; 1998 SZ₂₅, 15, 3, 12; 1998 SN₃₇, 3, 1, 0; 1998 SY₃₉, 3, 1, 0; 1998 SB₄₃, 3, 1, 0; 1998 SD₄₃, 6, 2, 3; 1998 SF₄₅, 3, 1, 0; 1998 SO₅₀, 3, 1, 0; 1998 SW₅₂, 3, 1, 0; 1998 SO₅₄, 6, 2, 8; 1998 SS₅₆, 3, 1, 0; 1998 SF₆₆, 3, 1, 0; 1998 SV₆₆, 3, 1, 0; 1998 SO₆₇, 3, 1, 0; 1998 ST₆₇, 6, 2, 7; 1998 SO₇₀, 3, 1, 0; 1998 SX₇₁, 3, 1, 0; 1998 SX₇₂, 6, 1, 0; 1998 SY₇₂, 6, 2, 3; 1998 SK₇₃, 3, 1, 0; 1998 SW₇₆, 3, 1, 0; 1998 ST₈₂, 6, 2, 5; 1998 SH₈₃, 3, 1, 0; 1998 SY₈₅, 9, 2, 31; 1998 SN₁₀₀, 3, 1, 0; 1998 SV₁₀₃, 6, 2, 5; 1998 SL₁₀₄, 6, 2, 5; 1998 SQ₁₀₅, 3, 1, 0; 1998 SR₁₀₇, 18, 4, 19; 1998 SK₁₀₈, 3, 1, 0; 1998 SC₁₁₀, 3, 1, 0; 1998 SL₁₁₀, 3, 1, 0; 1998 SQ₁₁₀, 3, 1, 0; 1998 ST₁₁₈, 6, 1, 0; 1998 SF₁₂₁, 3, 1, 0; 1998 SM₁₂₁, 3, 1, 0; 1998 SU₁₂₃, 6, 2, 4; 1998 SL₁₂₄, 3, 1, 0; 1998 SM₁₂₄, 3, 1, 0; 1998 SN₁₂₇, 6, 2, 7; 1998 SX₁₂₇, 9, 2, 4; 1998 SF₁₃₀, 3, 1, 0; 1998 SS₁₃₀, 3, 1, 0; 1998 ST₁₃₁, 3, 1, 0; 1998 SZ₁₃₁, 3, 1, 0; 1998 SC₁₃₂, 6, 2, 5; 1998 SO₁₃₃, 3, 1, 0; 1998 SB₁₃₄, 3, 1, 0; 1998 SO₁₃₄, 3, 1, 0; 1998 SP₁₃₅, 6, 2, 8; 1998 SQ₁₃₅, 6, 2, 13; 1998 SX₁₃₆, 6, 2, 18; 1998 SV₁₃₇, 6, 1, 0; 1998 SZ₁₃₈, 3, 1, 0; 1998 SY₁₄₁, 3, 1, 0; 1998 SD₁₄₅, 3, 1, 0; 1998 SM₁₄₅, 9, 3, 22; 1998 SL₁₄₇, 3, 1, 0; 1998 SO₁₆₁, 3, 1, 0; 1998 TU, 3, 1, 0; 1998 TF₅, 6, 2, 8; 1998 TN₁₃, 3, 1, 0; 1998 TP₁₄, 3, 1, 0; 1998 TB₁₆, 3, 1, 0; 1998 TO₁₆, 3, 1, 0; 1998 TB₁₇, 3, 1, 0; 1998 TB₁₈, 3, 1, 0; 1998 TV₂₉, 3, 1, 0; 1998 TQ₃₁, 3, 1, 0; 1998 TC₃₂, 6, 2, 17; 1998 TD₃₂, 3, 1, 0; 1998 TF₃₃, 3, 1, 0; 1998 TE₃₄, 3, 1, 0; 1998 TL₃₄, 3, 1, 0; 1998 UG, 3, 1, 0; 1998 UC₁, 6, 2, 23; 1998 UJ₈, 9, 2, 5; 1998 UK₈, 6, 2, 7; 1998 UM₁₅, 6, 2, 8; 1998 UZ₁₆, 6, 2, 4; 1998 UE₁₉, 3, 1, 0; 1998 UP₂₀, 3, 1, 0; 1998 UE₂₁, 3, 1, 0; 1998 UZ₂₂, 3, 1, 0; 1998 UR₂₃, 3, 1, 0; 1998 UT₂₃, 6, 2, 3; 1998 UM₂₅, 3, 1, 0; 1998 US₂₅, 3, 1, 0; 1998 UG₂₉, 6, 2, 18; 1998 UL₃₂, 3, 1, 0; 1998 UV₃₅, 6, 2, 1; 1998 UO₃₆, 12, 3, 12; 1998 UV₄₀, 3, 1, 0; 1998 UO₄₀, 15, 4, 14; 1998 UR₄₄, 3, 1, 0; 1998 VB, 3, 1, 0; 1998 VP₅, 3, 1, 0; 1998 VU₅, 6, 2, 18; 1998 VZ₅, 3, 1, 0; 1998 VH₆, 3, 1, 0; 1998 VR₆, 3, 1, 0; 1998 VW₇, 9, 2, 22; 1998 VW₈, 3, 1, 0; 1998 VH₉, 3, 1, 0; 1998 VB₁₃, 3, 1, 0; 1998 VT₁₃, 3, 1, 0; 1998 VD₁₄, 12, 4, 23; 1998 VV₁₄, 3, 1, 0; 1998 VP₁₅, 9, 3, 11; 1998 VB₁₆, 9, 2, 17; 1998 VN₁₈, 3, 1, 0; 1998 VV₁₉, 3, 1, 0; 1998 VX₁₉, 3, 1, 0; 1998 VU₂₁, 3, 1, 0; 1998 VX₂₃, 3, 1, 0; 1998 VC₂₅, 3, 1, 0; 1998 VJ₂₅, 3, 1, 0; 1998 VP₂₅, 6, 2, 12; 1998 VQ₂₅, 3, 1, 0; 1998 VY₂₅, 9, 2, 13; 1998 VF₂₆, 6, 2, 7; 1998 VY₂₇, 3, 1, 0; 1998 VX₂₈, 3, 1, 0; 1998 VZ₂₉, 3, 1, 0; 1998 VV₃₀, 3, 1, 0; 1998 VW₃₀, 3, 1, 0; 1998 VJ₃₁, 3, 1, 0; 1998 VG₃₂

3, 1, 0; 1999 BL₆, 6, 1, 0; 1999 BY₂, 3, 1, 0; 1999 BB₃, 3, 1, 0; 1999 BP₃, 3, 1, 0; 1999 BC₈, 3, 1, 0; 1999 BB₉, 6, 2, 1; 1999 BC₉, 6, 2, 5; 1999 BT₉, 9, 2, 5; 1999 BN₁₀, 3, 1, 0; 1999 BJ₁₂, 3, 1, 0; 1999 BM₁₂, 3, 1, 0; 1999 BV₁₂, 6, 1, 0; 1999 BY₁₂, 3, 1, 0; 1999 BC₁₃, 3, 1, 0; 1999 BW₁₃, 6, 2, 5; 1999 BP₁₅, 3, 1, 0; 1999 BA₁₉, 9, 3, 59; 1999 BJ₂₁, 6, 2, 8; 1999 BQ₂₄, 3, 1, 0; 1999 BY₂₇, 3, 1, 0; 1999 BK₂₉, 3, 1, 0; 1999 BB₃₀, 3, 1, 0; 1999 CC, 6, 2, 12; 1999 CT, 3, 1, 0; 1999 CQ₁, 3, 1, 0; 1999 CU₁, 12, 3, 13; 1999 CW₁, 3, 1, 0; 1999 CE₄, 3, 1, 0; 1999 CO₄, 3, 1, 0; 1999 CJ₄, 6, 2, 1; 1999 CY₄, 6, 2, 15; 1999 CE₅, 6, 1, 0; 1999 CO₅, 3, 1, 0; 1999 CZ₅, 6, 2, 1; 1999 CA₆, 3, 1, 0; 1999 CP₆, 6, 2, 18; 1999 CG₇, 3, 1, 0; 1999 CN₈, 6, 2, 15; 1999 CK₁₄, 9, 2, 5; 1999 CQ₁₄, 3, 1, 0; 1999 CV₁₄, 3, 1, 0; 1999 CK₁₆, 9, 3, 13; 1999 CA₁₇, 6, 2, 12; 1999 CF₂₀, 12, 3, 30; 1999 CD₂₁, 3, 1, 0; 1999 CM₂₃, 3, 1, 0; 1999 CN₂₅, 3, 1, 0; 1999 CD₂₈, 9, 2, 13; 1999 CE₂₈, 6, 2, 20; 1999 CH₂₈, 6, 2, 13; 1999 CA₃₁, 3, 1, 0; 1999 CJ₃₂, 6, 2, 13; 1999 CK₃₂, 3, 1, 0; 1999 CU₃₃, 3, 1, 0; 1999 CH₃₄, 6, 1, 0; 1999 CP₃₉, 9, 3, 12; 1999 CJ₄₀, 3, 1, 0; 1999 CM₄₂, 3, 1, 0; 1999 CT₄₂, 3, 1, 0; 1999 CM₄₃, 9, 2, 21; 1999 CR₄₄, 3, 1, 0; 1999 CZ₄₄, 6, 2, 3; 1999 CB₄₅, 12, 4, 19; 1999 CV₄₅, 6, 2, 3; 1999 CX₄₆, 3, 1, 0; 1999 CL₄₉, 3, 1, 0; 1999 CC₅₀, 3, 1, 0; 1999 CL₅₀, 3, 1, 0; 1999 CN₅₀, 3, 1, 0; 1999 CT₅₀, 9, 3, 4; 1999 CJ₅₄, 3, 1, 0; 1999 CD₅₅, 3, 1, 0; 1999 CO₅₆, 6, 2, 5; 1999 CR₅₆, 3, 1, 0; 1999 CO₆₀, 3, 1, 0; 1999 CZ₆₀, 6, 2, 3; 1999 CE₆₁, 3, 1, 0; 1999 CW₆₁, 6, 2, 413; 1999 CQ₆₂, 3, 1, 0; 1999 CQ₆₃, 3, 1, 0; 1999 CU₆₃, 3, 1, 0; 1999 CZ₆₃, 6, 1, 0; 1999 CD₆₄, 6, 2, 7; 1999 CS₆₄, 6, 2, 1; 1999 CO₆₆, 12, 4, 59; 1999 CG₆₇, 3, 1, 0; 1999 CS₆₇, 3, 1, 0; 1999 CW₆₇, 3, 1, 0; 1999 CT₇₅, 3, 1, 0; 1999 CL₇₆, 6, 2, 3; 1999 CV₇₉, 3, 1, 0; 1999 CD₈₀, 3, 1, 0; 1999 CU₈₀, 3, 1, 0; 1999 CT₈₁, 9, 2, 8; 1999 CP₈₃, 3, 1, 0; 1999 CF₈₅, 6, 2, 5; 1999 CG₈₅, 6, 2, 14; 1999 CQ₈₇, 3, 1, 0; 1999 CY₉₀, 6, 2, 8; 1999 CU₉₂, 9, 2, 12; 1999 CQ₉₃, 3, 1, 0; 1999 CS₉₉, 3, 1, 0; 1999 CU₉₉, 6, 2, 3; 1999 CQ₁₀₀, 9, 3, 12; 1999 CD₁₀₁, 3, 1, 0; 1999 CH₁₀₁, 3, 1, 0; 1999 CK₁₀₁, 6, 2, 8; 1999 CN₁₀₁, 3, 1, 0; 1999 CM₁₀₂, 3, 1, 0; 1999 CB₁₀₅, 3, 1, 0; 1999 CA₁₀₆, 9, 3, 13; 1999 CF₁₀₆, 3, 1, 0; 1999 CK₁₀₆, 3, 1, 0; 1999 CT₁₀₇, 3, 1, 0; 1999 CX₁₁₀, 3, 1, 0; 1999 CZ₁₁₃, 3, 1, 0; 1999 CQ₁₁₇, 3, 1, 0; 1999 CX₁₁₉, 3, 1, 0; 1999 CY₁₂₀, 3, 1, 0; 1999 CN₁₂₅, 3, 1, 0; 1999 CY₁₅₀, 3, 1, 0; 1999 CQ₁₅₂, 3, 1, 0; 1999 DZ₁, 6, 1, 0; 1999 DB₄, 3, 1, 0; 1999 DZ₄, 3, 1, 0; 1999 DD₇, 3, 1, 0; 1999 DX₇, 9, 2, 5; 1999 EL₂, 3, 1, 0; 1999 EG₅, 6, 1, 0; 1999 FF, 6, 2, 1; 1999 FG, 3, 1, 0; 1999 FE₆, 3, 1, 0; 1999 FB₉, 6, 2, 3; 1999 FY₁₂, 6, 2, 4; 1999 FN₁₈, 3, 1, 0; 1999 FL₁₉, 3, 1, 0; 1999 FO₂₃, 3, 1, 0; 1999 FH₂₄, 3, 1, 0; 1999 FJ₂₅, 3, 1, 0; 1999 FB₂₆, 3, 1, 0; 1999 FE₂₆, 6, 1, 0; 1999 FA₃₁, 3, 1, 0; 1999 FF₃₁, 3, 1, 0; 1999 FV₃₃, 9, 3, 4; 1999 FO₃₇, 3, 1, 0; 1999 FS₄₄, 3, 1, 0; 1999 FR₄₆, 3, 1, 0; 1999 FW₄₈, 6, 2, 3; 1999 FU₅₅, 3, 1, 0; 1999 FH₅₇, 3, 1, 0; 1999 FF₅₉, 6, 2, 7; 1999 GB₅, 6, 2, 7; 1999 GP₅, 3, 1, 0; 1999 GF₁₆, 3, 1, 0; 1999 GO₁₆, 3, 1, 0; 1999 GR₁₆, 9, 3, 11; 1999 GW₁₈, 3, 1, 0; 1999 GQ₃₇, 6, 2, 3; 1999 GJ₃₇, 3, 1, 0; 1999 GD₃₉, 3, 1, 0; 1999 HH₄, 3, 1, 0; 1999 JC, 3, 1, 0; 1999 JT₆, 3, 1, 0; 1999 JQ₉, 3, 1, 0; 1999 JJ₁₇, 3, 1, 0; 1999 JH₁₉, 3, 1, 0; 1999 JC₃₅, 3, 1, 0; 1999 JL₄₆, 3, 1, 0; 1999 JR₆₆, 3, 1, 0; 1999 JY₇₇, 3, 1, 0; 1999 JE₇₉, 6, 2, 5; 1999 JS₈₄, 3, 1, 0; 1999 JJ₈₆, 3, 1, 0; 1999 JM₈₆, 3, 1, 0; 1999 JL₉₈, 3, 1, 0; 1999 KX₄, 6, 2, 1; 1999 KH₄, 3, 1, 0; 1999 LV₁₁, 3, 1, 0; 1999 RC₉₀, 1, 1, 0; 1999 RO₄₆, 3, 1, 0; 1999 RY₂₄₅, 3, 1, 0; 1999 SD₂, 3, 1, 0; 1999 TW₁₀, 3, 1, 0; 1999 TP₃₉, 3, 1, 0; 1999 TQ₁₂₇, 3, 1, 0; 1999 TJ₁₉₇, 3, 1, 0; 1999 TM₂₁₉, 3, 1, 0; 1999 UK₇, 3, 1, 0; 1999 VY₂₁, 3, 1, 0; 1999 VB₂₇, 3, 1, 0; 1999 VX₁₅₃, 6, 2, 13; 1999 VZ₁₅₈, 3, 1, 0; 1999 VT₁₉₄, 3, 1, 0; 1999 VW₁₉₇, 3, 1, 0; 1999 XO₇, 3, 1, 0; 1999 XG₈, 3, 1, 0; 1999 XK₈, 3, 1, 0; 1999 XG₂₅, 3, 1, 0; 1999 XC₃₁, 3, 1, 0; 1999 XL₃₃, 6, 1, 0; 1999 XP₃₄, 3, 1, 0; 1999 XK₆₄, 3, 1, 0; 1999 XE₈₆, 3, 1, 0; 1999 XN₉₀, 3, 1, 0; 1999 XA₉₁, 3, 1, 0; 1999 XA₁₁₂, 3, 1, 0; 1999 XL₁₁₂, 3, 1, 0; 1999 XX₁₁₈, 3, 1, 0; 1999 XG₁₃₀, 3, 1, 0; 1999 XO₁₃₆, 3, 1, 0; 1999 XY₁₆₀, 9, 2, 18; 1999 XK₁₆₂, 3, 1, 0; 1999 XH₁₆₄, 3, 1, 0; 1999 XO₁₇₃, 3, 1, 0; 1999 XB₁₈₀, 3, 1, 0; 1999 XB₂₂₅, 3, 1, 0; 1999 XO₂₄₁, 3, 1, 0; 1999 YP₃, 3, 1, 0; 1999 YZ₄, 3, 1, 0; 1999 YJ₁₈, 3, 1, 0; 2000 AG₃₀, 3, 1, 0; 2000 AC₄₀, 3, 1, 0; 2000 AN₄₀, 3, 1, 0; 2000 AH₄₃, 6, 1, 0; 2000 AK₄₃, 3, 1, 0; 2000 AW₄₄, 3, 1, 0; 2000 AM₄₇, 3, 1, 0; 2000 AZ₄₇, 6, 2, 17; 2000 AK₅₄, 3, 1, 0; 2000 AN₅₆, 3, 1, 0; 2000 AL₅₉, 12, 3, 12; 2000 AP₅₉, 3, 1, 0; 2000 AL₆₀, 3, 1, 0; 2000 AQ₆₂, 3, 1, 0; 2000 AF₆₄, 3, 1, 0; 2000 AA₆₈, 3, 1, 0; 2000 AC₈₆, 3, 1, 0; 2000 AP₈₆, 6, 2, 11; 2000 AV₈₆, 12, 2, 17; 2000 AD₉₁, 3, 1, 0; 2000 AJ₉₁, 6, 1, 0; 2000 AP₉₁, 6, 2, 12; 2000 AR₉₃, 3, 1, 0; 2000 AQ₉₅, 3, 1, 0; 2000 AN₉₆, 3, 1, 0; 2000 AQ₉₆, 3, 1, 0; 2000 AR₉₆, 6, 1, 0; 2000 AW₉₆, 15, 3, 12; 2000 AA₉₇, 6, 2, 36; 2000 AG₉₇, 12, 3, 11; 2000 AN₉₇, 6, 2, 3; 2000 AO₉₇, 3, 1, 0; 2000 AH₉₈, 9, 2, 13; 2000 AG₁₀₁, 3, 1, 0; 2000 AR₁₁₁, 3, 1, 0; 2000 AP₁₁₃, 3, 1, 0; 2000 AX₁₁₄, 6, 2, 5; 2000 AB₁₁₉, 3, 1, 0; 2000 AX₁₁₉, 6, 1, 0; 2000 AG₁₂₃, 3, 1, 0; 2000 AS₁₂₄, 3, 1, 0; 2000 AV₁₂₆, 6, 2, 5; 2000 AE₁₂₇, 3, 1, 0; 2000 AD₁₂₇, 6, 2, 22; 2000 AD₁₂₉, 3, 1, 0; 2000 AD₁₃₀, 3, 1, 0; 2000 AT₁₃₆, 3, 1, 0; 2000 AU₁₃₆, 6, 2, 1; 2000 AT₁₃₇, 3, 1, 0; 2000 AV₁₃₇, 9, 3, 19; 2000 AY₁₃₇, 9, 3, 12; 2000 AX₁₄₃, 6, 2, 5; 2000 AB₁₄₄, 6, 2, 5; 2000 AE₁₄₄, 3, 1, 0; 2000 AL₁₄₄, 6, 2, 6; 2000 AW₁₄₄, 3, 1, 0; 2000 AZ₁₄₄, 6, 2, 18; 2000 AT₁₄₉, 3, 1, 0; 2000 AY₁₅₂, 9, 2, 41; 2000 AC₁₅₃, 3, 1, 0; 2000 AD₁₅₃, 3, 1, 0; 2000 AN₁₆₁, 12, 3, 8; 2000 AJ₁₆₂, 3, 1, 0; 2000 AC₁₆₈, 3, 1, 0; 2000 AS₁₆₈, 3, 1, 0; 2000 AY₁₆₈, 3, 1, 0; 2000 AQ₁₉₃, 3, 1, 0; 2000 AV₂₀₀, 3, 1, 0; 2000 AV₂₀₂, 3, 1, 0; 2000 AB₂₀₃, 3, 1, 0; 2000 AL₂₁₁, 3, 1, 0; 2000 AD₂₁₂, 6, 2, 13; 2000 AJ₂₁₂, 6, 1, 0; 2000 AK₂₁₂, 3, 1, 0; 2000 AA₂₁₆, 6, 2, 5; 2000 AT₂₁₈, 3, 1, 0; 2000 AV₂₂₄, 9, 2, 36; 2000 AN₂₂₇, 3, 1, 0; 2000 AM₂₃₃, 3, 1, 0; 2000 AT₂₃₆, 3, 1, 0; 2000 AU₂₃₆, 6, 2, 13; 2000 AQ₂₃₇, 3, 1, 0; 2000 AZ₂₃₉, 9, 2, 12; 2000 AE₂₄₀, 3, 1, 0; 2000 AO₂₄₃, 3, 1, 0; 2000 AV₂₄₃, 3, 1, 0; 2000 AQ₂₄₅, 3, 1, 0; 2000 BF₃, 3, 1, 0; 2000 BJ₂, 6, 2, 18; 2000 BZ₁₃, 3, 1, 0; 2000 BE₁₄, 3, 1, 0; 2000 BN₁₄, 3, 1, 0; 2000 BY₁₇, 3, 1, 0; 2000 BW₁₈, 3, 1, 0; 2000 BU₂₀, 3, 1, 0; 2000 BQ₂₂, 3, 1, 0; 2000 BV₂₂, 6, 2, 10; 2000 BM₂₅, 15, 4, 23; 2000 BD₂₇, 3, 1, 0; 2000 BF₂₇, 3, 1, 0; 2000 BJ₂₇, 9, 3, 13; 2000 BE₂₉, 3, 1, 0; 2000 BO₂₉, 3, 1, 0; 2000 BB₃₀, 9, 2,

12; 2000 BP₃₃, 6, 2, 18; 2000 BB₄₉, 3, 1, 0; 2000 CU, 3, 1, 0; 2000 CB₁, 3, 1, 0; 2000 CW₁, 3, 1, 0; 2000 CB₂, 6, 2, 12; 2000 CH₂, 3, 1, 0; 2000 CS₂, 3, 1, 0; 2000 CB₄, 3, 1, 0; 2000 CG₅, 9, 3, 18; 2000 CJ₃, 6, 1, 0; 2000 CT₁₄, 3, 1, 0; 2000 CW₁₈, 9, 2, 4; 2000 CH₁₉, 3, 1, 0; 2000 CP₂₀, 6, 2, 12; 2000 CJ₂₃, 3, 1, 0; 2000 CR₂₄, 3, 1, 0; 2000 CU₂₄, 3, 1, 0; 2000 CL₂₅, 9, 3, 18; 2000 CC₂₆, 3, 1, 0; 2000 CF₂₆, 6, 2, 5; 2000 CL₂₆, 3, 1, 0; 2000 CW₂₇, 3, 1, 0; 2000 CK₂₉, 6, 2, 2; 2000 CL₂₉, 3, 1, 0; 2000 CU₃₀, 6, 1, 0; 2000 CC₃₂, 9, 2, 12; 2000 CB₃₃, 3, 1, 0; 2000 CX₃₄, 3, 1, 0; 2000 CQ₃₅, 3, 1, 0; 2000 CM₃₆, 3, 1, 0; 2000 CZ₃₆, 9, 3, 18; 2000 CD₃₈, 6, 2, 13; 2000 CG₃₉, 3, 1, 0; 2000 CJ₃₉, 3, 1, 0; 2000 CM₄₁, 3, 1, 0; 2000 CV₄₄, 3, 1, 0; 2000 CN₄₈, 3, 1, 0; 2000 CV₄₈, 6, 2, 17; 2000 CE₄₉, 3, 1, 0; 2000 CK₄₉, 3, 1, 0; 2000 CZ₄₉, 3, 1, 0; 2000 CQ₅₀, 3, 1, 0; 2000 CT₅₀, 9, 2, 13; 2000 CA₅₁, 6, 2, 8; 2000 CS₅₁, 3, 1, 0; 2000 CY₅₁, 6, 2, 4; 2000 CZ₅₁, 3, 1, 0; 2000 CU₅₂, 3, 1, 0; 2000 CS₅₃, 6, 1, 0; 2000 CG₅₆, 9, 3, 40; 2000 CH₅₆, 3, 1, 0; 2000 CL₅₆, 3, 1, 0; 2000 CF₅₈, 6, 2, 13; 2000 CQ₅₈, 3, 1, 0; 2000 CC₅₉, 3, 1, 0; 2000 CM₅₉, 3, 1, 0; 2000 CB₆₁, 6, 2, 18; 2000 CB₆₂, 3, 1, 0; 2000 CK₆₂, 3, 1, 0; 2000 CR₆₂, 6, 1, 0; 2000 CT₆₂, 3, 1, 0; 2000 CY₆₂, 3, 1, 0; 2000 CJ₆₃, 3, 1, 0; 2000 CW₆₃, 9, 3, 4; 2000 CB₆₄, 3, 1, 0; 2000 CB₆₄, 3, 1, 0; 2000 CQ₆₆, 12, 3, 25; 2000 CJ₆₉, 3, 1, 0; 2000 CE₇₀, 3, 1, 0; 2000 CQ₇₀, 3, 1, 0; 2000 CW₇₀, 3, 1, 0; 2000 CZ₇₀, 6, 1, 0; 2000 CH₇₁, 3, 1, 0; 2000 CN₇₁, 12, 3, 25; 2000 CG₇₅, 3, 1, 0; 2000 CJ₇₅, 3, 1, 0; 2000 CS₇₅, 3, 1, 0; 2000 CW₇₆, 3, 1, 0; 2000 CY₇₆, 6, 2, 22; 2000 CB₇₇, 3, 1, 0; 2000 CM₇₇, 9, 2, 12; 2000 CD₇₈, 3, 1, 0; 2000 CJ₇₈, 12, 3, 12; 2000 CO₇₉, 6, 2, 17; 2000 CQ₈₀, 3, 1, 0; 2000 CC₈₂, 9, 3, 9; 2000 CE₈₂, 3, 1, 0; 2000 CZ₈₂, 3, 1, 0; 2000 CD₈₄, 3, 1, 0; 2000 CC₈₅, 3, 1, 0; 2000 CF₈₅, 3, 1, 0; 2000 CF₈₆, 3, 1, 0; 2000 CS₈₆, 3, 1, 0; 2000 CO₈₇, 9, 2, 17; 2000 CD₈₉, 3, 1, 0; 2000 CP₈₉, 3, 1, 0; 2000 CO₉₁, 3, 1, 0; 2000 CS₉₁, 3, 1, 0; 2000 CB₉₂, 3, 1, 0; 2000 CO₉₂, 6, 2, 10; 2000 CK₉₃, 9, 3, 18; 2000 CO₉₃, 3, 1, 0; 2000 CT₉₃, 3, 1, 0; 2000 CV₉₃, 9, 3, 47; 2000 CP₉₄, 3, 1, 0; 2000 CC₉₅, 6, 1, 0; 2000 CU₉₆, 3, 1, 0; 2000 CP₉₈, 3, 1, 0; 2000 CW₁₀₁, 3, 1, 0; 2000 CX₁₀₁, 3, 1, 0; 2000 CG₁₀₂, 3, 1, 0; 2000 CW₁₀₂, 9, 2, 5; 2000 CY₁₀₂, 3, 1, 0; 2000 CG₁₀₃, 12, 4, 19; 2000 CH₁₁₂, 6, 2, 18; 2000 CM₁₂₆, 9, 3, 10; 2000 DP, 6, 2, 1; 2000 DQ, 6, 2, 12; 2000 DW₁, 3, 1, 0; 2000 DF₂, 3, 1, 0; 2000 DJ₂, 9, 2, 7; 2000 DQ₂, 3, 1, 0; 2000 DP₆, 3, 1, 0; 2000 DK₇, 3, 1, 0; 2000 DN₇, 3, 1, 0; 2000 DP₈, 9, 3, 12; 2000 DK₁₁, 6, 2, 9; 2000 DL₁₂, 9, 2, 5; 2000 DD₁₃, 6, 1, 0; 2000 DJ₁₃, 6, 1, 0; 2000 DO₁₆, 3, 1, 0; 2000 DM₁₈, 3, 1, 0; 2000 DY₁₉, 3, 1, 0; 2000 DQ₂₂, 6, 2, 5; 2000 DT₂₅, 3, 1, 0; 2000 DE₂₆, 15, 5, 79; 2000 DJ₂₆, 3, 1, 0; 2000 DL₂₇, 6, 2, 29; 2000 DF₂₈, 3, 1, 0; 2000 DH₂₈, 3, 1, 0; 2000 DR₃₂, 6, 2, 10; 2000 DF₃₅, 3, 1, 0; 2000 DY₃₅, 3, 1, 0; 2000 DV₄₀, 3, 1, 0; 2000 DA₄₂, 3, 1, 0; 2000 DL₄₂, 9, 2, 5; 2000 DG₄₃, 3, 1, 0; 2000 DG₄₉, 3, 1, 0; 2000 DA₅₂, 3, 1, 0; 2000 DM₅₂, 3, 1, 0; 2000 DX₅₄, 3, 1, 0; 2000 DF₅₅, 6, 2, 13; 2000 DM₅₅, 3, 1, 0; 2000 DT₅₅, 3, 1, 0; 2000 DY₅₅, 3, 1, 0; 2000 DK₅₆, 3, 1, 0; 2000 DD₅₇, 6, 2, 13; 2000 DP₅₇, 12, 3, 18; 2000 DY₅₇, 3, 1, 0; 2000 DK₆₂, 6, 2, 4; 2000 DU₆₂, 3, 1, 0; 2000 DJ₆₄, 9, 3, 11; 2000 DW₆₄, 6, 2, 9; 2000 DC₆₅, 3, 1, 0; 2000 DV₆₅, 3, 1, 0; 2000 DO₆₇, 3, 1, 0; 2000 DW₆₈, 3, 1, 0; 2000 DH₆₈, 6, 2, 4; 2000 DC₇₀, 3, 1, 0; 2000 DK₇₁, 3, 1, 0; 2000 DR₇₁, 6, 2, 1; 2000 DT₇₁, 3, 1, 0; 2000 DX₇₆, 6, 2, 5; 2000 DX₇₇, 3, 1, 0; 2000 DL₇₈, 3, 1, 0; 2000 DK₇₈, 3, 1, 0; 2000 DL₇₈, 3, 1, 0; 2000 DU₇₈, 3, 1, 0; 2000 DX₇₈, 6, 1, 0; 2000 DV₇₉, 3, 1, 0; 2000 DZ₇₉, 6, 2, 18; 2000 DD₈₁, 9, 2, 12; 2000 DU₈₁, 3, 1, 0; 2000 DO₈₂, 6, 2, 7; 2000 DM₈₅, 3, 1, 0; 2000 DF₈₈, 6, 2, 1; 2000 DL₉₂, 3, 1, 0; 2000 DB₉₄, 3, 1, 0; 2000 DT₉₄, 21, 5, 30; 2000 DK₉₆, 9, 2, 17; 2000 DA₉₈, 3, 1, 0; 2000 DQ₉₈, 3, 1, 0; 2000 DD₁₀₁, 12, 3, 22; 2000 DW₁₀₃, 3, 1, 0; 2000 DP₁₀₅, 3, 1, 0; 2000 DM₁₀₆, 3, 1, 0; 2000 DY₁₀₆, 3, 1, 0; 2000 DP₁₁₁, 3, 1, 0; 2000 ER, 6, 2, 12; 2000 EB₂, 3, 1, 0; 2000 EK₃, 3, 1,

9, 3, 13; 2000 EK₁₂₈, 6, 2, 3; 2000 EW₁₂₈, 3, 1, 0; 2000 EQ₁₂₉, 6, 2, 47; 2000 EG₁₃₀, 3, 1, 0; 2000 EP₁₃₁, 6, 2, 5; 2000 EY₁₃₁, 3, 1, 0; 2000 EK₁₃₂, 3, 1, 0; 2000 EZ₁₃₃, 3, 1, 0; 2000 EF₁₃₄, 6, 2, 8; 2000 EU₁₃₄, 6, 2, 13; 2000 EA₁₃₅, 3, 1, 0; 2000 EM₁₃₆, 3, 1, 0; 2000 ER₁₃₇, 3, 1, 0; 2000 EN₁₃₈, 3, 1, 0; 2000 EQ₁₃₈, 3, 1, 0; 2000 EA₁₃₉, 9, 2, 17; 2000 EO₁₄₁, 3, 1, 0; 2000 ET₁₄₄, 6, 2, 18; 2000 ED₁₄₅, 3, 1, 0; 2000 EF₁₄₅, 3, 1, 0; 2000 EZ₁₄₅, 3, 1, 0; 2000 EH₁₄₇, 3, 1, 0; 2000 EL₁₄₇, 6, 2, 18; 2000 EW₁₄₈, 3, 1, 0; 2000 EA₁₅₀, 9, 3, 18; 2000 EB₁₅₁, 9, 3, 9; 2000 EL₁₅₂, 3, 1, 0; 2000 EN₁₅₄, 9, 2, 18; 2000 ES₁₅₄, 3, 1, 0; 2000 ET₁₅₄, 3, 1, 0; 2000 EF₁₅₇, 6, 2, 8; 2000 ET₁₅₇, 3, 1, 0; 2000 ER₁₅₈, 3, 1, 0; 2000 EF₁₆₁, 3, 1, 0; 2000 EB₁₆₅, 9, 2, 5; 2000 EE₁₆₆, 6, 1, 0; 2000 EQ₁₇₀, 3, 1, 0; 2000 ED₁₇₁, 6, 2, 11; 2000 EA₁₈₃, 3, 1, 0; 2000 FM₃, 1, 0; 2000 FX₃, 1, 0; 2000 FT₁, 3, 1, 0; 2000 FE₂, 6, 1, 0; 2000 FA₃, 3, 1, 0; 2000 FJ₃, 3, 1, 0; 2000 FR₃, 3, 1, 0; 2000 FP₇, 6, 2, 8; 2000 FR₇, 3, 1, 0; 2000 FQ₁₀, 3, 1, 0; 2000 FS₁₀, 3, 1, 0; 2000 FJ₁₃, 6, 1, 0; 2000 FL₁₃, 3, 1, 0; 2000 FM₁₃, 3, 1, 0; 2000 FR₁₃, 3, 1, 0; 2000 FC₁₅, 6, 2, 18; 2000 FJ₁₅, 3, 1, 0; 2000 FT₁₅, 6, 2, 8; 2000 FT₁₆, 9, 2, 5; 2000 FA₁₇, 3, 1, 0; 2000 FJ₁₇, 3, 1, 0; 2000 FK₁₇, 3, 1, 0; 2000 FQ₁₇, 3, 1, 0; 2000 FM₁₈, 3, 1, 0; 2000 FB₁₉, 12, 3, 13; 2000 FQ₂₁, 9, 2, 18; 2000 FD₂₂, 3, 1, 0; 2000 FG₂₃, 9, 2, 13; 2000 FP₂₃, 3, 1, 0; 2000 FZ₂₃, 6, 2, 17; 2000 FP₂₄, 3, 1, 0; 2000 FJ₂₆, 3, 1, 0; 2000 FM₂₆, 3, 1, 0; 2000 FY₂₆, 3, 1, 0; 2000 FH₂₇, 3, 1, 0; 2000 FK₂₇, 9, 3, 8; 2000 FJ₂₉, 9, 2, 17; 2000 FD₃₀, 3, 1, 0; 2000 FL₃₀, 3, 1, 0; 2000 FQ₃₁, 3, 1, 0; 2000 FQ₃₂, 3, 1, 0; 2000 FD₃₃, 9, 3, 17; 2000 FH₃₃, 3, 1, 0; 2000 FE₃₄, 3, 1, 0; 2000 FY₃₄, 3, 1, 0; 2000 FH₃₅, 6, 2, 18; 2000 FK₃₅, 3, 1, 0; 2000 FP₃₅, 15, 3, 12; 2000 FX₃₆, 3, 1, 0; 2000 FF₃₇, 3, 1, 0; 2000 FQ₃₈, 6, 2, 17; 2000 FT₃₉, 6, 2, 7; 2000 FZ₄₀, 3, 1, 0; 2000 FQ₄₂, 3, 1, 0; 2000 FV₄₂, 6, 2, 5; 2000 FE₄₃, 3, 1, 0; 2000 FZ₄₃, 3, 1, 0; 2000 FE₄₄, 3, 1, 0; 2000 FJ₄₄, 3, 1, 0; 2000 FQ₄₄, 3, 1, 0; 2000 FT₄₄, 3, 1, 0; 2000 FO₄₅, 3, 1, 0; 2000 FK₄₆, 3, 1, 0; 2000 FF₄₇, 3, 1, 0; 2000 FH₄₇, 12, 3, 11; 2000 FD₄₈, 3, 1, 0; 2000 FN₄₈, 6, 2, 8; 2000 FU₄₈, 3, 1, 0; 2000 FV₄₈, 9, 2, 18; 2000 FE₄₉, 3, 1, 0; 2000 FF₄₉, 3, 1, 0; 2000 FQ₄₉, 3, 1, 0; 2000 FB₅₀, 3, 1, 0; 2000 FC₅₀, 3, 1, 0; 2000 FV₅₃, 3, 1, 0; 2000 FO₆₀, 3, 1, 0; 2000 FH₆₁, 9, 2, 12; 2000 FL₇₃, 9, 2, 13; 2000 GL₁, 9, 2, 10; 2000 GZ₁, 3, 1, 0; 2000 GY₄, 3, 1, 0; 2000 GD₁₂, 3, 1, 0; 2000 GQ₁₃, 3, 1, 0; 2000 GX₁₈, 3, 1, 0; 2000 GC₂₁, 3, 1, 0; 2000 GY₂₅, 3, 1, 0; 2000 GM₂₈, 3, 1, 0; 2000 GQ₃₂, 3, 1, 0; 2000 GR₃₂, 3, 1, 0; 2000 GQ₃₄, 3, 1, 0; 2000 GB₃₆, 3, 1, 0; 2000 GE₃₉, 6, 2, 10; 2000 GL₃₉, 3, 1, 0; 2000 GN₄₀, 3, 1, 0; 2000 GQ₄₁, 3, 1, 0; 2000 GA₄₂, 3, 1, 0; 2000 GO₄₂, 3, 1, 0; 2000 GQ₄₂, 3, 1, 0; 2000 GB₄₃, 9, 3, 8; 2000 GH₄₃, 6, 2, 18; 2000 GQ₄₃, 3, 1, 0; 2000 GQ₄₄, 6, 2, 3; 2000 GO₄₅, 3, 1, 0; 2000 GZ₄₅, 3, 1, 0; 2000 GG₄₇, 3, 1, 0; 2000 GK₄₇, 3, 1, 0; 2000 GS₅₁, 3, 1, 0; 2000 GO₅₁, 3, 1, 0; 2000 GQ₅₁, 3, 1, 0; 2000 GY₅₁, 3, 1, 0; 2000 GB₅₂, 3, 1, 0; 2000 GW₅₃, 3, 1, 0; 2000 GQ₅₅, 3, 1, 0; 2000 GW₅₅, 3, 1, 0; 2000 GX₅₇, 3, 1, 0; 2000 GC₅₈, 9, 2, 12; 2000 GK₅₈, 6, 2, 12; 2000 GS₅₉, 9, 3, 13; 2000 GB₆₀, 15, 3, 12; 2000 GO₆₀, 3, 1, 0; 2000 GP₆₀, 3, 1, 0; 2000 GY₆₁, 6, 2, 18; 2000 GS₆₂, 3, 1, 0; 2000 GM₆₃, 3, 1, 0; 2000 GW₆₄, 3, 1, 0; 2000 GK₆₆, 6, 2, 1; 2000 GO₆₆, 3, 1, 0; 2000 GP₆₆, 6, 2, 5; 2000 GL₆₇, 3, 1, 0; 2000 GN₆₇, 3, 1, 0; 2000 GU₆₇, 3, 1, 0; 2000 GA₆₈, 6, 1, 0; 2000 GG₆₈, 6, 2, 5; 2000 GX₆₈, 6, 2, 8; 2000 GQ₇₀, 9, 3, 12; 2000 GQ₇₀, 3, 1, 0; 2000 GK₇₂, 3, 1, 0; 2000 GU₇₂, 9, 2, 17; 2000 GN₇₃, 3, 1, 0; 2000 GF₇₄, 3, 1, 0; 2000 GK₇₄, 3, 1, 0; 2000 GP₇₄, 15, 4, 19; 2000 GQ₇₄, 9, 2, 13; 2000 GA₇₅, 3, 1, 0; 2000 GN₇₅, 3, 1, 0; 2000 GC₇₆, 3, 1, 0; 2000 GW₇₆, 6, 2, 4; 2000 GG₇₇, 3, 1, 0; 2000 GT₇₇, 3, 1, 0; 2000 GA₇₈, 6, 1, 0; 2000 GZ₇₈, 6, 2, 7; 2000 GB₇₉, 6, 2, 12; 2000 GS₇₉, 3, 1, 0; 2000 GY₇₉, 3, 1, 0; 2000 GZ₇₉, 3, 1, 0; 2000 GR₈₀, 3, 1, 0; 2000 GB₈₁, 3, 1, 0; 2000 GK₈₁, 3, 1, 0; 2000 GE₈₃, 6, 2, 13; 2000 GE₈₃, 6, 2, 1; 2000 GC₈₅, 3, 1, 0; 2000 GJ₈₅, 3, 1, 0; 2000 GN₈₅, 3, 1, 0; 2000 GM₈₇, 3, 1, 0; 2000 GU₈₇, 3, 1, 0; 2000 GX₈₇, 3, 1, 0; 2000 GZ₈₇, 6, 2, 12; 2000 GA₈₈, 3, 1, 0; 2000 GW₈₈, 3, 1, 0; 2000 GZ₈₈, 3, 1, 0; 2000 GF₈₉, 9, 3, 13; 2000 GN₈₉, 3, 1, 0; 2000 GB₉₀, 6, 2, 3; 2000 GY₉₀, 6, 2, 3; 2000 GU₉₁, 3, 1, 0; 2000 GW₉₁, 3, 1, 0; 2000 GU₉₂, 6, 1, 0; 2000 GA₉₃, 3, 1, 0; 2000 GH₉₃, 12, 3, 73; 2000 GE₉₄, 3, 1, 0; 2000 GH₉₅, 3, 1, 0; 2000 GJ₉₅, 3, 1, 0; 2000 GJ₉₆, 6, 2, 5; 2000 GV₉₆, 3, 1, 0; 2000 GY₉₆, 3, 1, 0; 2000 GC₉₈, 3, 1, 0; 2000 GF₉₈, 6, 2, 5; 2000 GU₉₉, 9, 2, 4; 2000 GY₁₀₀, 9, 3, 10; 2000 GB₁₀₁, 3, 1, 0; 2000 GT₁₀₂, 15, 4, 19; 2000 GF₁₀₃, 6, 1, 0; 2000 GU₁₀₃, 3, 1, 0; 2000 GV₁₀₃, 3, 1, 0; 2000 GZ₁₀₄, 6, 2, 6; 2000 GU₁₀₆, 3, 1, 0; 2000 GA₁₀₇, 9, 2, 89; 2000 GW₁₀₇, 3, 1, 0; 2000 GL₁₀₈, 3, 1, 0; 2000 GN₁₀₈, 6, 2, 12; 2000 GG₁₀₉, 3, 1, 0; 2000 GP₁₀₉, 3, 1, 0; 2000 GE₁₁₀, 6, 2, 13; 2000 GT₁₁₂, 6, 2, 75; 2000 GB₁₁₃, 6, 1, 0; 2000 GM₁₁₃, 9, 3, 8; 2000 GY₁₁₃, 3, 1, 0; 2000 GQ₁₁₅, 6, 2, 18; 2000 GG₁₁₆, 6, 2, 13; 2000 GF₁₂₃, 3, 1, 0; 2000 GH₁₂₃, 3, 1, 0; 2000 GX₁₂₃, 6, 2, 7; 2000 GO₁₂₄, 3, 1, 0; 2000 GW₁₂₄, 3, 1, 0; 2000 GJ₁₂₅, 9, 2, 7; 2000 GK₁₂₅, 3, 1, 0; 2000 GL₁₂₅, 3, 1, 0; 2000 GO₁₂₅, 3, 1, 0; 2000 GL₁₂₆, 3, 1, 0; 2000 GK₁₂₇, 3, 1, 0; 2000 GS₁₂₇, 3, 1, 0; 2000 GA₁₃₃, 3, 1, 0; 2000 GE₁₃₃, 3, 1, 0; 2000 GA₁₃₄, 3, 1, 0; 2000 GA₁₃₅, 3, 1, 0; 2000 GN₁₃₅, 3, 1, 0; 2000 GW₁₃₅, 3, 1, 0; 2000 GZ₁₃₅, 6, 2, 19; 2000 GL₁₃₆, 9, 2, 13; 2000 GA₁₃₇, 6, 2, 8; 2000 GB₁₃₇, 3, 1, 0; 2000 GC₁₃₇, 3, 1, 0; 2000 GE₁₃₇, 6, 1, 0; 2000 GF₁₃₇, 9, 3, 13; 2000 GP₁₃₇, 3, 1, 0; 2000 GF₁₃₈, 3, 1, 0; 2000 GD₁₄₀, 3, 1, 0; 2000 GD₁₄₂, 3, 1, 0; 2000 GO₁₄₂, 6, 2, 13; 2000 GU₁₄₂, 3, 1, 0; 2000 GK₁₄₃, 6, 1, 0; 2000 GB₁₄₈, 6, 2, 5; 2000 GN₁₄₈, 9, 2, 1; 2000 GG₁₄₉, 6, 2, 8; 2000 GV₁₅₃, 6, 2, 15; 2000 GL₁₅₄, 15, 3, 17; 2000 GY₁₅₅, 3, 1, 0; 2000 GY₁₅₈, 9, 2, 18; 2000 GA₁₆₀, 3, 1, 0; 2000 GV₁₆₁, 3, 1, 0; 2000 GF₁₆₆, 6, 2, 18; 2000 GG₁₆₇, 3, 1, 0; 2000 GO₁₆₇, 9, 3, 2; 2000 GA₁₆₉, 6, 2, 14; 2000 GD₁₆₉, 6, 2, 7; 2000 GU₁₇₂, 3, 1, 0; 2000 GY₁₇₄, 3, 1, 0; 2000 GZ₁₇₆, 3, 1, 0; 2000 HA₃, 1, 0; 2000 HF₆, 2, 7; 2000 HH₃, 1, 0; 2000 HS₁, 6, 2, 5; 2000 HZ₁, 3, 1, 0; 2000 HT₂, 3, 1, 0; 2000 HY₄, 3, 1, 0; 2000 HN₇, 3, 1, 0; 2000 HF₈, 3, 1, 0; 2000 HQ₈, 3, 1, 0; 2000 HS₈, 6, 2, 13; 2000 HX₈, 3, 1, 0; 2000 HQ₉, 3, 1, 0; 2000 HD₁₀, 9, 3, 4; 2000 HE₁₀, 3, 1, 0; 2000 HQ₁₀, 3, 1, 0; 2000 HD₁₁, 6, 2, 12; 2000 HH₁₂, 3, 1, 0; 2000 HN₁₂, 3, 1, 0; 2000 HU₁₂, 3, 1, 0; 2000 HZ₁₂, 6, 2, 4; 2000 HG₁₃, 3, 1, 0; 2000 HJ₁₃, 9, 3,

12; 2000 HK₁₃, 3, 1, 0; 2000 HN₁₃, 3, 1, 0; 2000 HS₁₃, 3, 1, 0; 2000 HT₁₆, 6, 2, 13; 2000 HA₁₇, 6, 1, 0; 2000 HQ₁₈, 3, 1, 0; 2000 HP₂₂, 3, 1, 0; 2000 HR₂₂, 3, 1, 0; 2000 HE₂₄, 3, 1, 0; 2000 HF₂₄, 3, 1, 0; 2000 HE₂₅, 6, 2, 17; 2000 HK₂₆, 9, 2, 1; 2000 HO₂₆, 3, 1, 0; 2000 HY₂₆, 3, 1, 0; 2000 HA₂₇, 3, 1, 0; 2000 HC₂₇, 12, 3, 13; 2000 HG₂₇, 3, 1, 0; 2000 HK₂₇, 3, 1, 0; 2000 HK₂₉, 3, 1, 0; 2000 HN₃₀, 3, 1, 0; 2000 HW₃₀, 9, 2, 7; 2000 HY₃₀, 3, 1, 0; 2000 HE₃₁, 3, 1, 0; 2000 HG₃₁, 3, 1, 0; 2000 HM₃₁, 3, 1, 0; 2000 HQ₃₁, 3, 1, 0; 2000 HA₃₃, 3, 1, 0; 2000 HC₃₃, 6, 2, 6; 2000 HE₃₃, 3, 1, 0; 2000 HT₃₃, 6, 2, 17; 2000 HE₃₄, 12, 4, 19; 2000 HN₃₅, 9, 2, 14; 2000 HP₃₅, 3, 1, 0; 2000 HU₃₅, 12, 3, 8; 2000 HV₃₅, 6, 1, 0; 2000 HY₃₅, 3, 1, 0; 2000 HC₃₆, 3, 1, 0; 2000 HC₃₆, 3, 1, 0; 2000 HK₃₆, 3, 1, 0; 2000 HM₃₆, 3, 1, 0; 2000 HO₃₆, 6, 2, 13; 2000 HX₃₆, 3, 1, 0; 2000 HB₃₇, 3, 1, 0; 2000 HF₃₇, 3, 1, 0; 2000 HH₃₇, 3, 1, 0; 2000 HW₃₈, 3, 1, 0; 2000 HJ₃₉, 3, 1, 0; 2000 HD₄₀, 12, 3, 18; 2000 HN₄₀, 3, 1, 0; 2000 HC₄₁, 3, 1, 0; 2000 HK₄₁, 3, 1, 0; 2000 HD₄₂, 3, 1, 0; 2000 HL₄₃, 6, 2, 1; 2000 HT₄₄, 9, 2, 5; 2000 HH₄₅, 3, 1, 0; 2000 HO₄₅, 3, 1, 0; 2000 HX₄₅, 6, 2, 4; 2000 HP₄₆, 3, 1, 0; 2000 HR₄₆, 3, 1, 0; 2000 HR₄₇, 6, 1, 0; 2000 HF₄₈, 9, 3, 13; 2000 HS₄₈, 12, 3, 17; 2000 HT₄₈, 3, 1, 0; 2000 HA₄₉, 3, 1, 0; 2000 HJ₄₉, 3, 1, 0; 2000 HQ₄₉, 3, 1, 0; 2000 HN₅₁, 3, 1, 0; 2000 HT₅₁, 12, 3, 13; 2000 HB₅₂, 9, 2, 5; 2000 HH₅₃, 6, 2, 7; 2000 HN₅₃, 3, 1, 0; 2000 HA₅₄, 3, 1, 0; 2000 HB₅₄, 6, 2, 11; 2000 HL₅₆, 3, 1, 0; 2000 HS₅₆, 3, 1, 0; 2000 HX₅₆, 6, 2, 13; 2000 HG₅₇, 6, 2, 14; 2000 HR₅₇, 9, 2, 12; 2000 HC₆₁, 9, 3, 4; 2000 HE₆₁, 3, 1, 0; 2000 HG₆₁, 9, 2, 7; 2000 HJ₆₁, 3, 1, 0; 2000 HU₆₂, 3, 1, 0; 2000 HA₆₃, 3, 1, 0; 2000 HJ₆₃, 3, 1, 0; 2000 HT₆₃, 3, 1, 0; 2000 HV₆₃, 3, 1, 0; 2000 HD₆₄, 3, 1, 0; 2000 HO₆₄, 6, 2, 3; 2000 HP₆₅, 3, 1, 0; 2000 HJ₆₇, 3, 1, 0; 2000 HV₆₉, 3, 1, 0; 2000 HQ₆₉, 3, 1, 0; 2000 HL₇₁, 3, 1, 0; 2000 HB₇₂, 3, 1, 0; 2000 HO₇₂, 3, 1, 0; 2000 HZ₇₃, 3, 1, 0; 2000 HC₇₄, 3, 1, 0; 2000 HV₇₄, 3, 1, 0; 2000 HT₇₅, 3, 1, 0; 2000 HV₇₅, 3, 1, 0; 2000 HE₇₆, 3, 1, 0; 2000 HX₇₇, 9, 2, 1; 2000 HM₇₈, 3, 1, 0; 2000 HJ₇₉, 3, 1, 0; 2000 HR₇₉, 6, 2, 6; 2000 HO₈₀, 6, 2, 8; 2000 HP₈₀, 3, 1, 0; 2000 HR₈₀, 9, 2, 12; 2000 HY₈₁, 3, 1, 0; 2000 HG₈₃, 6, 2, 12; 2000 HY₈₄, 3, 1, 0; 2000 HY₈₅, 9, 3, 4; 2000 HW₈₈, 6, 2, 8; 2000 HX₈₉, 3, 1, 0; 2000 HX₈₉, 3, 1, 0; 2000 HQ₉₀, 3, 1, 0; 2000 HC₉₁, 3, 1, 0; 2000 HR₉₅, 3, 1, 0; 2000 HO₉₆, 3, 1, 0; 2000 HN₁₀₃, 3, 1, 0; 2000 HY₁₀₃, 6, 1, 0; 2000 HZ₁₀₃, 3, 1, 0; 2000 JE₆, 2, 12; 2000 JF₃, 1, 0; 2000 JW₃, 1, 0; 2000 JS₆, 6, 2, 7; 2000 JU₇, 3, 1, 0; 2000 JE₉, 3, 1, 0; 2000 JH₉, 3, 1, 0; 2000 JO₉, 3, 1, 0; 2000 JU₉, 3, 1, 0; 2000 JM₁₄, 3, 1, 0; 2000 JV₁₄, 3, 1, 0; 2000 JW₁₅, 6, 1, 0; 2000 JS₁₈, 3, 1, 0; 2000 JD₁₉, 3, 1, 0; 2000 JH₁₉, 9, 2, 12; 2000 JY₁₉, 6, 2, 5; 2000 JQ₂₀, 3, 1, 0; 2000 JT₂₀, 3, 1, 0; 2000 JU₂₀, 3, 1, 0; 2000 JV₂₀, 3, 1, 0; 2000 JE₂₁, 9, 2, 17; 2000 JD₂₂, 3, 1, 0; 2000 JF₂₂, 6, 2, 18; 2000 JX₂₂, 3, 1, 0; 2000 JZ₂₃, 3, 1, 0; 2000 JL₂₃, 3, 1, 0; 2000 JR₂₃, 6, 2, 3; 2000 JZ₂₃, 6, 2, 3; 2000 JN₂₄, 3, 1, 0; 2000 JO₂₆, 3, 1, 0; 2000 JW₂₆, 3, 1, 0; 2000 JY₂₆, 3, 1, 0; 2000 JO₂₇, 6, 2, 3; 2000 JQ₂₇, 6, 2, 3; 2000 JX₂₇, 6, 2, 3; 2000 JG₂₈, 3, 1, 0; 2000 JM₂₈, 9, 2, 13; 2000 JQ₂₈, 3, 1, 0; 2000 JT₂₉, 9, 3, 19; 2000 JZ₂₉, 3, 1, 0; 2000 JC₃₀, 6, 2, 3; 2000 JY₃₀, 3, 1, 0; 2000 JL₃₂, 3, 1, 0; 2000 JW₃₂, 9, 3, 12; 2000 JW₃₃, 3, 1, 0; 2000 JB₃₅, 6, 2, 8; 2000 JX₃₅, 3, 1, 0; 2000 JW₃₆, 3, 1, 0; 2000 JX₃₆, 3, 1, 0; 2000 JG₃₈, 6, 2, 13; 2000 JS₃₈, 3, 1, 0; 2000 JL₃₉, 6, 2, 3; 2000 JQ₃₉, 3, 1, 0; 2000 JW₄₀, 3, 1, 0; 2000 JZ₄₁, 3, 1, 0; 2000 JG₄₃, 3, 1, 0; 2000 JJ₄₅, 6, 1, 0; 2000 JK₄₅, 3, 1, 0; 2000 JO₄₅, 3, 1, 0; 2000 JZ₄₅, 3, 1, 0; 2000 JF₄₆, 3, 1, 0; 2000 JW₄₆, 3, 1, 0; 2000 JF₄₇, 6, 1, 0; 2000 JS₄₇, 3, 1, 0; 2000 JE₄₉, 3, 1, 0; 2000 JP₄₉, 3, 1, 0; 2000 JR₅₀, 3, 1, 0; 2000 JT₅₀, 3, 1, 0; 2000 JH₅₃, 12, 3, 13; 2000 JZ₅₃, 3, 1, 0; 2000 JC₅₄, 3, 1, 0; 2000 JH₅₅, 3, 1, 0; 2000 JX₅₅, 3, 1, 0; 2000 JG₅₆, 6, 2, 3; 2000 JC₅₇, 3, 1, 0; 2000 JS₅₇, 3, 1, 0; 2000 JE₅₈, 3, 1, 0; 2000 J

1, 0; 2001 FE₁₈₉, 3, 1, 0; 2001 FF₁₈₉, 3, 1, 0; 2001 FG₁₈₉, 3, 1, 0; 2001 FH₁₈₉, 3, 1, 0; 2001 FJ₁₈₉, 3, 1, 0; 2001 FQ₁₈₉ *, 3, 1, 0; 2001 FE₁₉₀ *, 3, 1, 0; 2001 FF₁₉₀ *, 3, 1, 0; 2001 FG₁₉₀ *, 3, 1, 0; 2001 FH₁₉₀ *, 3, 1, 0; 2001 FJ₁₉₀ *, 3, 1, 0; 2001 FK₁₉₀ *, 3, 1, 0; 2001 FL₁₉₀ *, 3, 1, 0; 2001 FM₁₉₀ *, 3, 1, 0; 2001 FQ₁₉₀, 3, 1, 0; 2001 FR₁₉₀, 3, 1, 0; 2001 FS₁₉₀, 3, 1, 0; 2001 FV₁₉₀, 3, 1, 0; 2001 FW₁₉₀, 3, 1, 0; 2001 FY₁₉₀, 3, 1, 0; 2001 FA₁₉₁, 3, 1, 0; 2001 FB₁₉₁ *, 6, 2, 8; 2001 FD₁₉₁, 3, 1, 0; 2001 FG₁₉₁, 3, 1, 0; 2001 FH₁₉₁, 3, 1, 0; 2001 FJ₁₉₁, 3, 1, 0; 2001 FQ₁₉₁, 3, 1, 0; 2001 FU₁₉₁ *, 3, 1, 0; 2001 HV₁₉₂ *, 3, 1, 0; 2001 FJ₁₉₂ *, 3, 1, 0; 2001 FK₁₉₂, 3, 1, 0; 2001 FM₁₉₂ *, 6, 2, 7; 2001 FP₁₉₂, 3, 1, 0; 2001 FU₁₉₂, 3, 1, 0; 2001 FV₁₉₂, 3, 1, 0; 2001 FW₁₉₂ *, 3, 1, 0; 2001 FX₁₉₂ *, 3, 1, 0; 2001 FY₁₉₂ *, 3, 1, 0; 2001 GU₂, 3, 1, 0; 2001 GS₄, 6, 2, 7; 2001 GG₅, 3, 1, 0; 2001 HY₃, 3, 1, 0; 2001 HG₁, 3, 1, 0; 2001 HL₆, 3, 1, 0; 2001 HH₇, 3, 1, 0; 2001 HY₇, 3, 1, 0; 2001 HQ₈, 3, 1, 0; 2001 HV₁₁, 3, 1, 0; 2001 HW₁₅, 2, 1, 0; 2001 HK₂₄, 3, 1, 0; 2001 HS₃₆, 3, 1, 0; 2001 HT₃₆, 2, 1, 0; 2001 HZ₃₆, 3, 1, 0; 2001 HK₃₈, 3, 1, 0; 2001 HX₄₇, 3, 1, 0; 2001 HE₄₈, 3, 1, 0; 2001 HG₄₈, 3, 1, 0; 2001 HF₅₈, 6, 2, 19; 2001 HO₅₈, 3, 1, 0; 2001 JW₁, 3, 1, 0; 2001 KM₁, 6, 1, 0; 2001 KO₁, 6, 1, 0; 2001 KU₁, 3, 1, 0; 2001 KZ₃, 3, 1, 0; 2001 KQ₁₃, 3, 1, 0; 2001 KV₁₄, 3, 1, 0; 2001 KO₂₀, 3, 1, 0; 2001 KJ₃₃, 3, 1, 0; 2001 KA₃₈, 3, 1, 0; 2001 KE₃₈, 3, 1, 0; 2001 KV₃₈, 3, 1, 0; 2001 KA₄₄, 3, 1, 0; 2001 KC₄₅, 3, 1, 0; 2001 KE₄₆, 3, 1, 0; 2001 KS₄₆, 3, 1, 0; 2001 KA₅₂, 3, 1, 0; 2001 KJ₅₄, 3, 1, 0; 2001 KC₅₉, 12, 4, 13; 2001 KW₅₉, 3, 1, 0; 2001 KZ₅₉, 3, 1, 0; 2001 KC₆₀, 3, 1, 0; 2001 KQ₆₆, 3, 1, 0; 2001 KC₆₇, 3, 1, 0; 2001 KV₆₇, 15, 3, 12; 2001 KW₆₇, 3, 1, 0; 2001 KN₇₃, 3, 1, 0; 2001 KP₇₃, 3, 1, 0; 2001 KX₇₆, 1, 1, 0; 2001 LS₁, 3, 1, 0; 2001 LK₅, 3, 1, 0; 2001 LV₆, 3, 1, 0; 2001 LZ₆, 9, 3, 5; 2001 LF₇, 3, 1, 0; 2001 LH₈, 3, 1, 0; 2001 LZ₈, 3, 1, 0; 2001 LP₁₁, 6, 2, 5; 2001 LW₁₁, 6, 2, 12; 2001 LK₁₂, 3, 1, 0; 2001 LL₁₂, 3, 1, 0; 2001 LM₁₂, 3, 1, 0; 2001 LP₁₂, 6, 2, 11; 2001 LQ₁₂, 3, 1, 0; 2001 LS₁₂, 3, 1, 0; 2001 LT₁₂, 9, 3, 19; 2001 LA₁₃, 3, 1, 0; 2001 LJ₁₅, 15, 4, 42; 2001 LB₁₇, 3, 1, 0; 2001 LD₁₇, 6, 2, 13; 2001 LJ₁₇, 3, 1, 0; 2001 LK₁₇, 6, 2, 4; 2001 LM₁₇, 6, 1, 0; 2001 LP₁₇, 9, 2, 7; 2001 LR₁₇, 6, 2, 4; 2001 LS₁₇, 6, 3, 1, 0; 2001 LT₁₇, 3, 1, 0; 2001 LA₁₈, 6, 2, 12; 2001 LS₁₈, 6, 2, 10; 2001 LA₁₉, 3, 1, 0; 2001 LB₁₉, 3, 1, 0; 2001 LC₁₉, 6, 2, 13; 2001 LE₁₉, 6, 2, 13; 2001 LG₁₉, 3, 1, 0; 2001 LJ₁₉, 3, 1, 0; 2001 ME₃, 3, 1, 0; 2001 MB₃, 3, 1, 0; 2001 MP₃, 3, 1, 0; 2001 MQ₃, 3, 1, 0; 2001 MW₃, 3, 1, 0; 2001 MJ₄, 3, 1, 0; 2001 MU₄, 3, 1, 0; 2001 MF₅, 3, 1, 0; 2001 MP₅, 3, 1, 0; 2001 MO₆, 3, 1, 0; 2001 MP₆, 6, 2, 17; 2001 MZ₆, 3, 1, 0; 2001 MJ₇, 3, 1, 0; 2001 MU₇, 3, 1, 0; 2001 MJ₈, 3, 1, 0; 2001 MO₈, 3, 1, 0; 2001 MR₈, 9, 3, 17; 2001 MS₈, 12, 3, 12; 2001 MT₈, 9, 3, 68; 2001 MA₉, 3, 1, 0; 2001 MH₉, 3, 1, 0; 2001 ML₉, 6, 2, 3; 2001 MN₉, 3, 1, 0; 2001 MO₉, 3, 1, 0; 2001 MQ₉, 3, 1, 0; 2001 MU₉, 3, 1, 0; 2001 ME₁₀, 6, 2, 5; 2001 MH₁₁, 9, 2, 17; 2001 ML₁₁, 3, 1, 0; 2001 MM₁₁, 6, 1, 0; 2001 MN₁₁, 3, 1, 0; 2001 MR₁₁, 3, 1, 0; 2001 MF₁₂, 3, 1, 0; 2001 MO₁₂, 3, 1, 0; 2001 MQ₁₂, 3, 1, 0; 2001 MR₁₂, 3, 1, 0; 2001 MB₁₃, 3, 1, 0; 2001 MC₁₃, 3, 1, 0; 2001 MD₁₃, 3, 1, 0; 2001 ME₁₄, 3, 1, 0; 2001 MG₁₄, 3, 1, 0; 2001 MH₁₄, 6, 2, 72; 2001 MJ₁₄, 3, 1, 0; 2001 MK₁₄, 6, 2, 5; 2001 ML₁₄, 6, 1, 0; 2001 MO₁₄, 3, 1, 0; 2001 MP₁₄, 6, 1, 0; 2001 MU₁₄, 9, 3, 13; 2001 MY₁₄, 9, 3, 12; 2001 MZ₁₄, 3, 1, 0; 2001 MA₁₅, 6, 2, 12; 2001 MC₁₅, 6, 1, 0; 2001 MD₁₅, 9, 2, 12; 2001 MN₁₅, 3, 1, 0; 2001 MP₁₅, 6, 2, 4; 2001 MQ₁₅, 3, 1, 0; 2001 MG₁₆, 6, 2, 486; 2001 MQ₁₆, 3, 1, 0; 2001 MT₁₇, 3, 1, 0; 2001 MC₁₈, 3, 1, 0; 2001 MF₁₈, 3, 1, 0; 2001 MM₁₈, 3, 1, 0; 2001 MU₁₈, 3, 1, 0; 2001 MV₁₈, 3, 1, 0; 2001 MP₁₉, 9, 3, 18; 2001 MA₂₀, 15, 4, 10; 2001 MY₂₀, 3, 1, 0; 2001 MD₂₁, 3, 1, 0; 2001 MF₂₁, 3, 1, 0; 2001 MA₂₂, 3, 1, 0; 2001 ME₂₂, 6, 2, 13; 2001 MF₂₂, 6, 2, 12; 2001 MG₂₂, 3, 1, 0; 2001 MF₂₃, 3, 1, 0; 2001 MO₂₃, 3, 1, 0; 2001 MP₂₃, 3, 1, 0; 2001 MQ₂₃, 3, 1, 0; 2001 MS₂₃, 3, 1, 0; 2001 MT₂₃, 6, 2, 4; 2001 MU₂₃, 3, 1, 0; 2001 MW₂₃, 3, 1, 0; 2001 MX₂₃, 3, 1, 0; 2001 MZ₂₃, 3, 1, 0; 2001 MB₂₄, 3, 1, 0; 2001 MG₂₄, 3, 1, 0; 2001 MH₂₄, 3, 1, 0; 2001 MM₂₄, 9, 3, 17; 2001 MQ₂₄, 9, 3, 82; 2001 MR₂₄, 12, 3, 24; 2001 MS₂₄, 6, 1, 0; 2001 MW₂₄, 9, 2, 18; 2001 MX₂₄, 12, 3, 24; 2001 MY₂₄, 6, 2, 23; 2001 MA₂₅, 3, 1, 0; 2001 MK₂₅, 9, 3, 35; 2001 MM₂₅, 6, 2, 40; 2001 MO₂₅, 6, 2, 46; 2001 MB₂₆, 6, 2, 8; 2001 MC₂₆, 6, 2, 8; 2001 ME₂₆, 6, 2, 9; 2001 MG₂₆, 6, 2, 1; 2001 MH₂₇, 6, 2, 78; 2001 ML₂₇, 3, 1, 0; 2001 MN₂₇, 6, 2, 15; 2001 MU₂₇, 3, 1, 0; 2001 MW₂₇, 9, 3, 41; 2001 MA₂₈, 3, 1, 0; 2001 MD₂₈, 6, 2, 5; 2001 MK₂₈, 15, 3, 12; 2001 MM₂₈, 6, 2, 73; 2001 MQ₂₈, 3, 1, 0; 2001 MU₂₈, 6, 1, 0; 2001 MV₂₈, 6, 2, 13; 2001 MW₂₈, 6, 2, 5; 2001 MX₂₈, 3, 1, 0; 2001 MZ₂₈, 6, 2, 14; 2001 MD₂₉, 9, 2, 18; 2001 MF₂₉, 9, 2, 18; 2001 MG₂₉, 3, 1, 0; 2001 MH₂₉, 3, 1, 0; 2001 MJ₂₉, 6, 2, 17; 2001 MK₂₉, 3, 1, 0; 2001 MN₂₉, 3, 1, 0; 2001 MO₂₉, 6, 2, 18; 2001 MQ₂₉, 9, 2, 18; 2001 MR₂₉, 6, 1, 0; 2001 MS₂₉, 3, 1, 0; 2001 MY₂₉, 6, 2, 7; 2001 MC₃₀, 6, 2, 5; 2001 NB₁₂, 2, 2; 2001 NN₂, 3, 1, 0; 2001 NT₁, 6, 1, 0; 2001 NV₁, 6, 2, 13; 2001 NA₂, 3, 1, 0; 2001 NM₂, 3, 1, 0; 2001 NQ₂, 6, 2, 37; 2001 NA₃, 3, 1, 0; 2001 NN₃, 3, 1, 0; 2001 NX₄, 3, 1, 0; 2001 NF₅, 6, 2, 5; 2001 NZ₅, 3, 1, 0; 2001 NA₆, 3, 1, 0; 2001 NF₆, 3, 1, 0; 2001 NM₆, 3, 1, 0; 2001 NO₆, 3, 1, 0; 2001 NX₆, 6, 2, 3; 2001 NY₆, 6, 2, 3; 2001 NB₇, 3, 1, 0; 2001 NE₇, 9, 2, 1; 2001 NL₇, 6, 2, 18; 2001 NV₇, 6, 2, 5; 2001 NX₇, 3, 1, 0; 2001 NS₈, 3, 1, 0; 2001 NZ₈, 3, 1, 0; 2001 NA₉, 3, 1, 0; 2001 NL₉, 3, 1, 0; 2001 NT₉, 6, 2, 18; 2001 NU₉, 3, 1, 0; 2001 NB₁₀, 3, 1, 0; 2001 NF₁₀, 6, 2, 5; 2001 NG₁₀, 3, 1, 0; 2001 NK₁₀, 6, 2, 4; 2001 NL₁₀, 3, 1, 0; 2001 NM₁₀, 6, 2, 5; 2001 NO₁₀, 9, 3, 17; 2001 NP₁₀, 3, 1, 0; 2001 NQ₁₀, 3, 1, 0; 2001 NR₁₀, 3, 1, 0; 2001 NS₁₀, 3, 1, 0; 2001 NU₁₀, 3, 1, 0; 2001 NA₁₁, 3, 1, 0; 2001 NC₁₁, 3, 1, 0; 2001 ND₁₁, 3, 1, 0; 2001 NG₁₁, 3, 1, 0; 2001 NH₁₁, 6, 1, 0; 2001 NK₁₁, 6, 1, 0; 2001 NU₁₁, 3, 1, 0; 2001 NG₁₂, 6, 2, 37; 2001 NH₁₂, 3, 1, 0; 2001 NJ₁₂, 3, 1, 0; 2001 NK₁₂, 6, 2, 5; 2001 NL₁₂, 6, 2, 5; 2001 NN₁₂, 6, 2, 5; 2001 NQ₁₂, 15, 5, 88; 2001 NW₁₂, 6, 2, 5; 2001 NA₁₃, 3, 1, 0; 2001 NF₁₄, 3, 1, 0; 2001 NJ₁₄, 3, 1, 0; 2001 NK₁₄, 3, 1, 0; 2001 NN₁₄, 6, 1, 0; 2001 NO₁₄, 3, 1, 0; 2001 NX₁₅, 6, 2, 3; 2001 NZ₁₆, 3, 1, 0; 2001 NX₁₇, 3, 1, 0; 2001 NF₁₈, 3, 1, 0; 2001 NG₁₈, 12, 3, 51; 2001 NN₁₈, 3, 1, 0; 2001 NQ₁₈, 3, 1, 0; 2001 NS₁₈, 6, 2,

5; 2001 NT₁₈, 6, 2, 3; 2001 NX₁₈, 3, 1, 0; 2001 NN₁₉, 9, 2, 13; 2001 NP₁₉, 9, 2, 1; 2001 NR₁₉, 6, 1, 0; 2001 NS₁₉, 3, 1, 0; 2001 NT₁₉, 3, 1, 0; 2001 NU₁₉, 6, 1, 0; 2001 NV₁₉, 9, 2, 18; 2001 NX₁₉, 3, 1, 0; 2001 NA₂₀, 6, 2, 5; 2001 NE₂₀, 3, 1, 0; 2001 NS₂₀, 3, 1, 0; 2001 NU₂₀, 6, 2, 3; 2001 NY₂₀, 3, 1, 0; 2001 NA₂₁, 3, 1, 0; 2001 NE₂₁, 3, 1, 0; 2001 ND₂₁, 6, 2, 22; 2001 NE₂₁, 3, 1, 0; 2001 NJ₂₁, 3, 1, 0; 2001 NK₂₁, 6, 2, 36; 2001 NN₂₁, 3, 1, 0; 2001 NQ₂₁, 6, 2, 78; 2001 NT₂₁, 3, 1, 0; 2001 NU₂₁, 3, 1, 0; 2001 NW₂₁, 12, 4, 48; 2001 NX₂₁, 3, 1, 0; 2001 NY₂₁, 3, 1, 0; 2001 NZ₂₁, 6, 2, 57; 2001 NC₂₂, 3, 1, 0; 2001 ND₂₂, 3, 1, 0; 2001 NF₂₂, 6, 2, 12; 2001 OA₆, 6, 2, 5; 2001 OB₉, 9, 3, 42; 2001 OC₃, 3, 1, 0; 2001 OJ₃, 3, 1, 0; 2001 OL₃, 3, 1, 0; 2001 ON₆, 6, 2, 13; 2001 OO₃, 3, 1, 0; 2001 OX₃, 3, 1, 0; 2001 OY₃, 3, 1, 0; 2001 OZ₃, 3, 1, 0; 2001 OB₁, 6, 2, 5; 2001 OE₁, 9, 3, 75; 2001 OO₂, 3, 1, 0; 2001 OR₂, 3, 1, 0; 2001 OS₂, 3, 1, 0; 2001 OV₂, 3, 1, 0; 2001 OW₂, 3, 1, 0; 2001 OY₂, 9, 2, 4; 2001 OA₃, 3, 1, 0; 2001 OC₃, 6, 1, 0; 2001 OF₃, 3, 1, 0; 2001 OX₃, 6, 2, 6; 2001 OD₄, 3, 1, 0; 2001 OT₄, 3, 1, 0; 2001 OV₄, 3, 1, 0; 2001 OO₅, 3, 1, 0; 2001 OR₅, 3, 1, 0; 2001 OZ₅, 3, 1, 0; 2001 OB₆, 3, 1, 0; 2001 OV₆, 3, 1, 0; 2001 OY₆, 3, 1, 0; 2001 OA₇, 3, 1, 0; 2001 OC₇, 3, 1, 0; 2001 OD₇, 6, 2, 46; 2001 OE₇, 3, 1, 0; 2001 OJ₇, 3, 1, 0; 2001 OM₇, 3, 1, 0; 2001 ON₇, 6, 2, 78; 2001 OQ₇, 3, 1, 0; 2001 OR₇, 9, 3, 24; 2001 OX₇, 3, 1, 0; 2001 OZ₇, 3, 1, 0; 2001 OC₈, 3, 1, 0; 2001 OE₈, 3, 1, 0; 2001 OG₈, 9, 2, 68; 2001 OM₈, 3, 1, 0; 2001 OP₈, 3, 1, 0; 2001 OQ₈, 3, 1, 0; 2001 OR₈, 6, 2, 5; 2001 OS₈, 3, 1, 0; 2001 OC₉, 6, 2, 7; 2001 OH₉, 3, 1, 0; 2001 OM₉, 3, 1, 0; 2001 ON₉, 3, 1, 0; 2001 OU₉, 3, 1, 0; 2001 OR₁₀, 9, 3, 18; 2001 OX₁₀, 3, 1, 0; 2001 OY₁₀, 9, 2, 13; 2001 OZ₁₀, 3, 1, 0; 2001 OE₁₁, 3, 1, 0; 2001 OF₁₁, 6, 2, 8; 2001 OD₁₂, 3, 1, 0; 2001 OG₁₂, 3, 1, 0; 2001 OK₁₂, 3, 1, 0; 2001 OO₁₂, 3, 1, 0; 2001 OS₁₂, 3, 1, 0; 2001 OT₁₂, 3, 1, 0; 2001 OU₁₂, 3, 1, 0; 2001 OA₁₃, 12, 3, 17; 2001 OB₁₃, 9, 2, 70; 2001 OC₁₃, 9, 3, 58; 2001 OD₁₃, 6, 2, 13; 2001 OF₁₃, 9, 2, 2; 2001 OG₁₃, 3, 1, 0; 2001 OH₁₃, 3, 1, 0; 2001 OK₁₃, 3, 1, 0; 2001 OO₁₃, 3, 1, 0; 2001 OP₁₃, 6, 1, 0; 2001 OQ₁₃, 9, 3, 15; 2001 OR₁₃, 3, 1, 0; 2001 OT₁₃, 3, 1, 0; 2001 OU₁₃, 3, 1, 0; 2001 OE₁₄, 3, 1, 0; 2001 OJ₁₄, 3, 1, 0; 2001 OK₁₄, 3, 1, 0; 2001 OM₁₄, 6, 1, 0; 2001 ON₁₄, 9, 2, 5; 2001 OP₁₄, 6, 2, 54; 2001 OS₁₄, 12, 3, 13; 2001 OU₁₄, 3, 1, 0; 2001 OV₁₄, 3, 1, 0; 2001 OW₁₄, 6, 2, 46; 2001 OF₁₆, 3, 1, 0; 2001 OK₁₆, 3, 1, 0; 2001 ON₁₆, 3, 1, 0; 2001 OR₁₆, 6, 2, 18; 2001 OT₁₆, 3, 1, 0; 2001 OW₁₆, 3, 1, 0; 2001 OY₁₆, 6, 2, 2; 2001 OF₁₈, 3, 1, 0; 2001 OL₁₈, 3, 1, 0; 2001 OM₁₈, 3, 1, 0; 2001 ON₁₈, 3, 1, 0; 2001 OO₁₈, 3, 1, 0; 2001 OQ₁₈, 9, 3, 55; 2001 OW₁₈, 3, 1, 0; 2001 OY₁₈, 9, 2, 18; 2001 OZ₁₈, 9, 3, 18; 2001 OA₁₉, 9, 2, 13; 2001 OB₁₉, 9, 2, 13; 2001 OE₁₉, 15, 4, 55; 2001 OG₁₉, 6, 2, 5; 2001 OV₁₉, 6, 2, 5; 2001 OW₁₉, 3, 1, 0; 2001 OH₂₀, 3, 1, 0; 2001 OL₂₀, 3, 1, 0; 2001 OT₂₀, 6, 1, 0; 2001 OU₂₀, 6, 2, 12; 2001 OY₂₀, 6, 1, 0; 2001 OJ₂₁, 3, 1, 0; 2001 OK₂₁, 3, 1, 0; 2001 OL₂₁, 6, 2, 46; 2001 OM₂₁, 3, 1, 0; 2001 OU₂₁, 6, 1, 0; 2001 OW₂₁, 3, 1, 0; 2001 OZ₂₁, 6, 2, 39; 2001 OA₂₂, 3, 1, 0; 2001 OB₂₃, 3, 1, 0; 2001 OD₂₃, 3, 1, 0; 2001 OP₂₃, 3, 1, 0; 2001 OW₂₃, 3, 1, 0; 2001 OX₂₃, 6, 1, 0; 2001 OG₂₄, 9, 2, 18; 2001 OJ₂₄, 3, 1, 0; 2001 OK₂₄, 3, 1, 0; 2001 OL₂₄, 3, 1, 0; 2001 OM₂₄, 6, 2, 18; 2001 OO₂₄, 3, 1, 0; 2001 OP₂₄, 3, 1, 0; 2001 OR₂₄, 6, 1, 0; 2001 OV₂₄, 6, 1, 0; 2001 OX₂₄, 3, 1, 0; 2001 OZ₂₄, 6, 2, 12; 2001 OB₂₅, 3, 1, 0; 2001 OD₂₅, 6, 2, 10; 2001 OE₂₅, 3, 1, 0; 2001 OJ₂₅, 6, 2, 71; 2001 OK₂₅, 3, 1, 0; 2001 OQ₂₅, 3, 1, 0; 2001 OR₂₅, 3, 1, 0; 2001 OS₂₅, 6, 2, 70; 2001 OT₂₅, 9, 2, 17; 2001 OU₂₅, 6, 1, 0; 2001 OW₂₅, 3, 1, 0; 2001 OY₂₅, 3, 1, 0; 2001 OB₂₆, 6, 2, 18; 2001 OC₂₆, 3, 1, 0; 2001 OK₂₉, 9, 2, 24; 2001 OO₂₉, 9, 3, 11; 2001 OH₃₀, 3, 1, 0; 2001 OB₃₁, 3, 1, 0; 2001 OF₃₁, 3, 1, 0; 2001 OG₃₁, 3, 1, 0; 2001 OS₃₁, 6, 2, 35; 2001 OB₃₂, 6, 1, 0; 2001 ON₃₂, 3, 1, 0; 2001 OR₃₃, 3, 1, 0; 2001 OE₃₄, 3, 1, 0; 2001 OH₃₄, 3, 1, 0; 2001 OQ₃₄, 3, 1, 0; 2001 OO₃₅, 3, 1, 0; 2001 OV₃₅, 3, 1, 0; 2001 OW₃₅, 6, 1, 0; 2001 OY

2; 2001 PP, 9, 3, 26; 2001 PQ, 12, 4, 25; 2001 PR *, 12, 3, 14; 2001 PS *, 6, 2, 1; 2001 PT *, 6, 2, 1; 2001 PU *, 6, 2, 6; 2001 PV *, 9, 3, 11; 2001 PW *, 12, 4, 19; 2001 PX *, 9, 3, 11; 2001 PY *, 6, 2, 6; 2001 PZ *, 12, 4, 54; 2001 PA₁ *, 9, 3, 11; 2001 PB₁ *, 6, 2, 6; 2001 PD₁ *, 9, 3, 17; 2001 PE₁ *, 9, 3, 17; 2001 PF₁ *, 6, 2, 13; 2001 PG₁ *, 3, 1, 0; 2001 PH₁ *, 3, 1, 0; 2001 PJ₁ *, 3, 1, 0; 2001 PK₁ *, 3, 1, 0; 2001 PL₁ *, 3, 1, 0; 2001 PN₁ *, 3, 1, 0; 2001 PO₁ *, 6, 2, 7; 2001 PP₁ *, 9, 2, 9; 2001 PQ₁ *, 6, 1, 0; 2001 PU₁ *, 3, 1, 0; 2001 PV₁ *, 3, 1, 0; 2001 PW₁ *, 9, 3, 18; 2001 PX₁ *, 6, 2, 5; 2001 PY₁ *, 3, 1, 0; 2001 PZ₁ *, 3, 1, 0; 2001 PA₂ *, 3, 1, 0; 2001 PB₂ *, 9, 3, 18; 2001 PC₂ *, 3, 1, 0; 2001 PD₂ *, 18, 4, 18; 2001 PE₂ *, 15, 4, 19; 2001 PF₂ *, 12, 3, 12; 2001 PG₂ *, 12, 3, 12; 2001 PH₂ *, 9, 3, 12; 2001 PJ₂ *, 9, 3, 12; 2001 PK₂ *, 15, 3, 12; 2001 PL₂ *, 9, 2, 7; 2001 PM₂ *, 6, 2, 7; 2001 PN₂ *, 6, 2, 7; 2001 PO₂ *, 9, 3, 17; 2001 PP₂ *, 9, 3, 12; 2001 PQ₂ *, 12, 3, 12; 2001 PR₂ *, 6, 2, 7; 2001 PS₂ *, 9, 3, 12; 2001 PT₂ *, 9, 3, 12; 2001 PU₂ *, 12, 3, 12; 2001 PV₂ *, 6, 2, 7; 2001 PW₂ *, 6, 2, 7; 2001 PX₂ *, 6, 2, 7; 2001 PY₂ *, 9, 3, 17; 2001 PZ₂ *, 3, 1, 0; 2001 PA₃ *, 3, 1, 0; 2001 PB₃ *, 6, 2, 29; 2001 PC₃ *, 9, 3, 45; 2001 PD₃ *, 6, 2, 17; 2001 PE₃ *, 3, 1, 0; 2001 PF₃ *, 3, 1, 0; 2001 PG₃ *, 3, 1, 0; 2001 PH₃ *, 3, 1, 0; 2001 PJ₃ *, 3, 1, 0; 2001 PK₃ *, 6, 2, 26; 2001 PL₃ *, 3, 1, 0; 2001 PM₃ *, 3, 1, 0; 2001 PN₃ *, 3, 1, 0; 2001 PO₃ *, 3, 1, 0; 2001 PP₃ *, 3, 1, 0; 2001 PQ₃ *, 3, 1, 0; 2001 PR₃ *, 3, 1, 0; 2001 PS₃ *, 3, 1, 0; 2001 PT₃ *, 3, 1, 0; 2001 PU₃ *, 3, 1, 0; 2001 PV₃ *, 3, 1, 0; 2001 PW₃ *, 3, 1, 0; 2001 PX₃ *, 3, 1, 0; 2001 PY₃ *, 3, 1, 0; 2001 PZ₃ *, 3, 1, 0; 2001 PA₄ *, 9, 3, 85; 2001 PB₄ *, 3, 1, 0; 2001 PC₄ *, 3, 1, 0; 2001 PD₄ *, 3, 1, 0; 2001 PE₄ *, 3, 1, 0; 2001 PF₄ *, 3, 1, 0; 2001 PG₄ *, 6, 2, 4; 2001 PH₄ *, 3, 1, 0; 2001 PJ₄ *, 3, 1, 0; 2001 PK₄ *, 3, 1, 0; 2001 PL₄ *, 12, 3, 7; 2001 PM₄ *, 9, 3, 15; 2001 PN₄ *, 12, 4, 34; 2001 PO₄ *, 6, 2, 5; 2001 PP₄ *, 6, 2, 5; 2001 PQ₄ *, 9, 3, 18; 2001 PR₄ *, 6, 2, 4; 2001 PS₄ *, 12, 3, 17; 2001 PT₄ *, 6, 2, 3; 2001 PU₄ *, 3, 1, 0; 2001 PV₄ *, 3, 1, 0; 2001 PW₄ *, 3, 1, 0; 2001 PX₄ *, 3, 1, 0; 2001 PY₄ *, 3, 1, 0; 2001 PZ₄ *, 3, 1, 0; 2001 PA₅ *, 9, 3, 4; 2001 PB₅ *, 3, 1, 0; 2001 PC₅ *, 3, 1, 0; 2001 PD₅ *, 3, 1, 0; 2001 PE₅ *, 3, 1, 0; 2001 PF₅ *, 3, 1, 0; 2001 PG₅ *, 3, 1, 0; 2001 PH₅ *, 3, 1, 0; 2001 PJ₅ *, 3, 1, 0; 2001 PK₅ *, 3, 1, 0; 2001 PL₅ *, 3, 1, 0; 2001 PM₅ *, 9, 2, 13; 2001 PN₅ *, 3, 1, 0; 2001 PO₅ *, 3, 1, 0; 2001 PP₅ *, 3, 1, 0; 2001 PQ₅ *, 3, 1, 0; 2001 PR₅ *, 3, 1, 0; 2001 PS₅ *, 6, 2, 2; 2001 PT₅ *, 9, 3, 4; 2001 PU₅ *, 12, 4, 47; 2001 PV₅ *, 6, 2, 1; 2001 PW₅ *, 9, 3, 4; 2001 PX₅ *, 9, 3, 4; 2001 PY₅ *, 9, 3, 4; 2001 PZ₅ *, 9, 3, 4; 2001 PA₆ *, 9, 3, 4; 2001 PB₆ *, 6, 2, 1; 2001 PC₆ *, 9, 3, 4; 2001 PD₆ *, 6, 2, 1; 2001 PE₆ *, 9, 3, 4; 2001 PF₆ *, 9, 3, 4; 2001 PG₆ *, 6, 2, 1; 2001 PH₆ *, 9, 3, 4; 2001 PJ₆ *, 6, 2, 1; 2001 PK₆ *, 9, 3, 4; 2001 PL₆ *, 9, 3, 4; 2001 PM₆ *, 6, 2, 1; 2001 PN₆ *, 9, 3, 4; 2001 PO₆ *, 9, 3, 4; 2001 PP₆ *, 9, 3, 4; 2001 PQ₆ *, 9, 3, 4; 2001 PR₆ *, 6, 2, 1; 2001 PS₆ *, 9, 3, 4; 2001 PT₆ *, 9, 3, 4; 2001 PU₆ *, 9, 3, 4; 2001 PV₆ *, 6, 2, 1; 2001 PW₆ *, 9, 3, 4; 2001 PX₆ *, 9, 3, 4; 2001 PY₆ *, 9, 3, 4; 2001 PZ₆ *, 9, 3, 4; 2001 PA₇ *, 15, 5, 56; 2001 PB₇ *, 9, 3, 4; 2001 PC₇ *, 6, 2, 1; 2001 PD₇ *, 9, 3, 4; 2001 PE₇ *, 3, 1, 0; 2001 PF₇ *, 3, 1, 0; 2001 PG₇ *, 3, 1, 0; 2001 PH₇ *, 3, 1, 0; 2001 PJ₇ *, 3, 1, 0; 2001 PK₇ *, 3, 1, 0; 2001 PL₇ *, 3, 1, 0; 2001 PM₇ *, 9, 3, 29; 2001 PN₇ *, 6, 2, 5; 2001 PO₇ *, 6, 2, 12; 2001 PP₇ *, 6, 2, 18; 2001 PQ₇ *, 3, 1, 0; 2001 PR₇ *, 3, 1, 0; 2001 PS₇ *, 3, 1, 0; 2001 PT₇ *, 3, 1, 0; 2001 PU₇ *, 3, 1, 0; 2001 PV₇ *, 3, 1, 0; 2001 PW₇ *, 9, 2, 12; 2001 PX₇ *, 3, 1, 0; 2001 PY₇ *, 3, 1, 0; 2001 PZ₇ *, 3, 1, 0; 2001 PA₈ *, 3, 1, 0; 2001 PB₈ *, 3, 1, 0; 2001 PC₈ *, 3, 1, 0; 2001 PD₈ *, 3, 1, 0; 2001 PE₈ *, 3, 1, 0; 2001 PF₈ *, 3, 1, 0; 2001 PG₈ *, 3, 1, 0; 2001 PH₈ *, 6, 2, 13; 2001 PJ₈ *, 3, 1, 0; 2001 PK₈ *, 3, 1, 0; 2001 PL₈ *, 6, 2, 3; 2001 PM₈ *, 6, 2, 9; 2001 PN₈ *, 3, 1, 0; 2001 PO₈ *, 9, 3, 9; 2001 PP₈ *, 12, 3, 9; 2001 PQ₈ *, 6, 2, 9; 2001 PR₈ *, 9, 3, 9; 2001 PS₈ *, 3, 1, 0; 2001 PT₈ *, 3, 1, 0; 2001 PU₈ *, 3, 1, 0; 2001 PV₈ *, 6, 2, 1; 2001 PW₈ *, 3, 1, 0; 2001 PX₈ *, 3, 1, 0; 2001 PY₈ *, 3, 1, 0; 2001 PZ₈ *, 3, 1, 0; 2001 PA₉ *, 3, 1, 0; 2001 PB₉ *, 3, 1, 0; 2001 PC₉ *, 6, 2, 1; 2001 PD₉ *, 6, 2, 1; 2001 PE₉ *, 6, 2, 1; 2001 PF₉ *, 6, 2, 1; 2001 PG₉ *, 3, 1, 0; 2001 PH₉ *, 3, 1, 0; 2001 PJ₉ *, 6, 2, 10; 2001 PK₉ *, 3, 1, 0; 2001 PL₉ *, 3, 1, 0; 2001 PM₉ *, 6, 2, 10; 2001 PN₉ *, 6, 2, 10; 2001 PO₉ *, 3, 1, 0; 2001 PP₉ *, 3, 1, 0; 2001 PQ₉ *, 3, 1, 0; 2001 PR₉ *, 9, 3, 2; 2001 PS₉ *, 9, 3, 2; 2001 PT₉ *, 9, 3, 2; 2001 PU₉ *, 9, 2, 1; 2001 PV₉ *, 12, 3, 18; 2001 PW₉ *, 6, 2, 5; 2001 PX₉ *, 6, 2, 5; 2001 PY₉ *, 9, 3, 14; 2001 PZ₉ *, 9, 3, 13; 2001 PA₁₀ *, 6, 2, 5; 2001 PB₁₀ *, 6, 2, 5; 2001 PC₁₀ *, 6, 2, 5; 2001 PD₁₀ *, 6, 2, 5; 2001 PE₁₀ *, 6, 2, 5; 2001 PF₁₀ *, 9, 3, 18; 2001 PG₁₀ *, 9, 3, 23; 2001 PH₁₀ *, 12, 3, 18; 2001 PJ₁₀ *, 6, 2, 5; 2001 PK₁₀ *, 6, 2, 5; 2001 PL₁₀ *, 6, 2, 5; 2001 PM₁₀ *, 6, 2, 5; 2001 PN₁₀ *, 6, 2, 5; 2001 PO₁₀ *, 9, 3, 13; 2001 PP₁₀ *, 6, 2, 5; 2001 PQ₁₀ *, 6, 2, 5; 2001 PR₁₀ *, 9, 3, 18; 2001 PS₁₀ *, 6, 2, 5; 2001 PT₁₀ *, 6, 2, 5; 2001 PU₁₀ *, 15, 4, 18; 2001 PV₁₀ *, 12, 4, 14; 2001 PW₁₀ *, 6, 2, 5; 2001 PX₁₀ *, 6, 2, 5; 2001 PY₁₀ *, 6, 2, 5; 2001 PZ₁₀ *, 12, 4, 13; 2001 PA₁₁ *, 18, 5, 18; 2001 PB₁₁ *, 9, 3, 13; 2001 PC₁₁ *, 9, 3, 13; 2001 PD₁₁ *, 9, 3, 31; 2001 PE₁₁ *, 3, 1, 0; 2001 PF₁₁ *, 3, 1, 0; 2001 PG₁₁ *, 6, 2, 8; 2001 PH₁₁ *, 3, 1, 0; 2001 PJ₁₁ *, 3, 1, 0; 2001 PK₁₁ *, 6, 1, 0; 2001 PL₁₁ *, 3, 1, 0; 2001 PM₁₁ *, 3, 1, 0; 2001 PN₁₁ *, 3, 1, 0; 2001 PO₁₁ *, 3, 1, 0; 2001 PP₁₁ *, 3, 1, 0; 2001 PQ₁₁ *, 6, 2, 16; 2001 PR₁₁ *, 6, 2, 8; 2001 PS₁₁ *, 3, 1, 0; 2001 PT₁₁ *, 6, 2, 12; 2001 PU₁₁ *, 3, 1, 0; 2001 PV₁₁ *, 3, 1, 0; 2001 PW₁₁ *, 6, 2, 12; 2001 PX₁₁ *, 3, 1, 0; 2001 PY₁₁ *, 3, 1, 0; 2001 PZ₁₁ *, 3, 1, 0; 2001 PA₁₂ *, 12, 2, 13; 2001 PB₁₂ *, 3, 1, 0; 2001 PC₁₂ *, 6, 2, 2; 2001 PD₁₂ *, 6, 2, 2; 2001 PE₁₂ *, 6, 2, 2; 2001 PF₁₂ *, 6, 2, 2; 2001 PG₁₂ *, 3, 1, 0; 2001 PH₁₂ *, 3, 1, 0; 2001 PJ₁₂ *, 9, 2, 13; 2001 PK₁₂ *, 3, 1, 0; 2001 PL₁₂ *, 6, 2, 7; 2001 PM₁₂ *, 3, 1, 0; 2001 PN₁₂ *, 6, 2, 7; 2001 PO₁₂ *, 6, 2, 7; 2001 PP₁₂ *, 6, 2, 7; 2001 PQ₁₂ *, 6, 2, 7; 2001 PR₁₂ *, 6, 2, 7; 2001 PS₁₂ *, 6, 2, 7; 2001 PT₁₂ *, 6, 2, 7; 2001 PU₁₂ *, 6, 2, 7; 2001 PV₁₂ *, 6, 2, 7; 2001 PW₁₂ *, 3, 1, 0; 2001 PX₁₂ *, 6, 2, 17; 2001 PY₁₂ *, 3, 1, 0; 2001 PZ₁₂ *, 6, 2, 3; 2001 PA₁₃ *, 9, 3, 56; 2001 PB₁₃ *, 9, 3, 2; 2001 PC₁₃ *, 3, 1, 0; 2001 PD₁₃ *, 3, 1, 0; 2001 PE₁₃ *, 9, 3, 35; 2001 PF₁₃ *, 6, 2, 3; 2001 PG₁₃ *, 3, 1, 0; 2001 PH₁₃ *, 6, 2, 3; 2001 PJ₁₃ *, 6, 2, 4; 2001 PK₁₃ *, 3, 1, 0; 2001 PL₁₃ *, 3, 1, 0; 2001 PM₁₃ *, 3, 1, 0; 2001 PN₁₃ *, 3, 1, 0; 2001 PO₁₃ *, 6, 2, 3; 2001 PP₁₃ *, 3, 1, 0; 2001 PQ₁₃ *, 6, 2, 3; 2001 PR₁₃ *, 3, 1, 0; 2001 PS₁₃ *, 9, 2, 5; 2001 PT₁₃ *, 3, 1, 0; 2001 PU₁₃ *, 9, 2, 5; 2001 PV₁₃ *, 3, 1, 0; 2001 PW₁₃ *, 3, 1, 0; 2001 PX₁₃ *, 6, 2, 45; 2001 PY₁₃ *, 3, 1, 0; 2001 PZ₁₃ *, 3, 1, 0; 2001 PA₁₄ *, 3, 1, 0; 2001 PB₁₄ *, 3, 1, 0; 2001 PC₁₄ *, 3, 1, 0; 2001 PD₁₄ *, 3, 1, 0; 2001 PE₁₄ *, 3, 1, 0; 2001 PF₁₄ *, 3, 1, 0; 2001 PG₁₄ *, 3, 1, 0; 2001 PH₁₄ *, 3, 1, 0; 2001 PJ₁₄ *, 3, 1, 0; 2001 PK₁₄ *, 3, 1, 0; 2001 PL₁₄ *, 3, 1, 0; 2001 PM₁₄ *, 3, 1, 0; 2001 PN₁₄ *, 3, 1, 0; 2001 PO₁₄ *, 3, 1, 0; 2001 PP₁₄ *, 3, 1, 0; 2001 PQ₁₄ *, 3, 1, 0; 2001 PR₁₄ *, 3, 1, 0; 2001 PS₁₄ *, 3, 1, 0; 2001 PT₁₄ *, 3, 1, 0; 2001 PU₁₄ *, 3, 1, 0; 2001 PV₁₄ *, 3, 1, 0; 2001 PW₁₄ *, 3, 1, 0; 2001 PX₁₄ *, 3, 1, 0; 2001 PY₁₄ *, 3, 1, 0; 2001 PZ₁₄ *, 3, 1, 0; 2001 PA₁₅ *, 3, 1, 0; 2001 PB₁₅ *, 3, 1, 0; 2001 PC₁₅ *, 3, 1, 0; 2001 PD₁₅ *, 3, 1, 0; 2001 PE₁₅ *, 3, 1, 0; 2001 PF₁₅ *, 3, 1, 0; 2001 PG₁₅ *, 3, 1, 0; 2001 PH₁₅ *, 3, 1, 0; 2001 PJ₁₅ *, 3, 1, 0; 2001 PK₁₅ *, 3, 1, 0; 2001 PL₁₅ *, 3, 1, 0; 2001 PM₁₅ *, 3, 1, 0; 2001 PN₁₅ *, 3, 1, 0; 2001 PO₁₅ *, 3, 1, 0; 2001 PP₁₅ *, 3, 1, 0; 2001 PQ₁₅ *, 3, 1, 0; 2001 PR₁₅ *, 3, 1, 0; 2001 PS₁₅ *, 3, 1, 0; 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2001 PG₂₁ *, 6, 2, 5; 2001 PH₂₁ *, 6, 2, 5; 2001 PJ₂₁ *, 9, 2, 5; 2001 PK₂₁ *, 15, 3, 21; 2001 PL₂₁ *, 6, 2, 5; 2001 PM₂₁ *, 9, 3, 21; 2001 PN₂₁ *, 12, 3, 21

0; 2001 QL₁₄₈ *, 3, 1, 0; 2001 QM₁₄₈ *, 3, 1, 0; 2001 QN₁₄₈ *, 3, 1, 0; 2001 QO₁₄₈ *, 3, 1, 0; 2001 QP₁₄₈ *, 3, 1, 0; 2001 QQ₁₄₈ *, 3, 1, 0; 2001 QR₁₄₈ *, 3, 1, 0; 2001 QS₁₄₈ *, 3, 1, 0; 2001 QT₁₄₈ *, 3, 1, 0; 2001 QU₁₄₈ *, 3, 1, 0; 2001 QV₁₄₈ *, 3, 1, 0; 2001 QW₁₄₈ *, 3, 1, 0; 2001 QX₁₄₈ *, 3, 1, 0; 2001 QY₁₄₈ *, 3, 1, 0; 2001 QZ₁₄₈ *, 3, 1, 0; 2001 QA₁₄₉ *, 6, 2, 5; 2001 QB₁₄₉ *, 9, 2, 5; 2001 QC₁₄₉ *, 9, 2, 5; 2001 QD₁₄₉ *, 9, 2, 5; 2001 QE₁₄₉ *, 6, 2, 5; 2001 QF₁₄₉ *, 6, 2, 5; 2001 QG₁₄₉ *, 9, 2, 4; 2001 QH₁₄₉ *, 6, 2, 4; 2001 QI₁₄₉ *, 9, 2, 4; 2001 QJ₁₄₉ *, 9, 2, 4; 2001 QK₁₄₉ *, 9, 2, 4; 2001 QL₁₄₉ *, 6, 2, 4; 2001 QM₁₄₉ *, 6, 2, 4; 2001 QN₁₄₉ *, 9, 2, 4; 2001 QO₁₄₉ *, 3, 1, 0; 2001 QP₁₄₉ *, 3, 1, 0; 2001 QQ₁₄₉ *, 3, 1, 0; 2001 QS₁₄₉ *, 3, 1, 0; 2001 QT₁₄₉ *, 3, 1, 0; 2001 QU₁₄₉ *, 3, 1, 0; 2001 QV₁₄₉ *, 3, 1, 0; 2001 QW₁₄₉ *, 6, 2, 1; 2001 QE₁₅₃ *, 3, 1, 0; 2020 P-L, 3, 1, 0; 2070 P-L, 6, 1, 0; 2138 P-L, 6, 2, 3; 2178 P-L, 6, 2, 1; 2204 P-L, 3, 1, 0; 2505 P-L, 3, 1, 0; 2507 P-L, 9, 2, 12; 2615 P-L, 6, 2, 1; 2676 P-L, 3, 1, 0; 2708 P-L, 9, 2, 13; 4045 P-L, 3, 1, 0; 4100 P-L, 6, 2, 12; 4140 P-L, 3, 1, 0; 4159 P-L, 3, 1, 0; 4213 P-L, 3, 1, 0; 4240 P-L, 3, 1, 0; 4269 P-L, 3, 1, 0; 4601 P-L, 6, 2, 8; 4733 P-L, 6, 2, 3; 6532 P-L, 9, 3, 12; 6613 P-L, 6, 2, 18; 6630 P-L, 3, 1, 0; 6679 P-L, 3, 1, 0; 6710 P-L, 3, 1, 0; 6730 P-L, 3, 1, 0; 7572 P-L, 6, 2, 12; 9097 P-L, 3, 1, 0; 9549 P-L, 3, 1, 0; 1074 T-1, 6, 2, 12; 1132 T-1, 3, 1, 0; 1236 T-1, 3, 1, 0; 2059 T-1, 3, 1, 0; 2085 T-1, 3, 1, 0; 2112 T-1, 6, 2, 8; 2190 T-1, 3, 1, 0; 3075 T-1, 3, 1, 0; 3098 T-1, 3, 1, 0; 3165 T-1, 3, 1, 0; 4030 T-1, 3, 1, 0; 4042 T-1, 3, 1, 0; 4133 T-1, 3, 1, 0; 4514 T-1, 3, 1, 0; 1026 T-2, 6, 2, 1; 1056 T-2, 3, 1, 0; 1234 T-2, 3, 1, 0; 1283 T-2, 3, 1, 0; 1303 T-2, 3, 1, 0; 1346 T-2, 3, 1, 0; 2127 T-2, 3, 1, 0; 2154 T-2, 9, 2, 5; 2237 T-2, 3, 1, 0; 2268 T-2, 6, 1, 0; 2278 T-2, 3, 1, 0; 3211 T-2, 6, 2, 3; 3243 T-2, 3, 1, 0; 4220 T-2, 9, 3, 11; 4258 T-2, 3, 1, 0; 4633 T-2, 3, 1, 0; 5003 T-2, 3, 1, 0; 5054 T-2, 3, 1, 0; 5070 T-2, 3, 1, 0; 5118 T-2, 6, 1, 0; 1020 T-3, 3, 1, 0; 2017 T-3, 6, 2, 3; 2137 T-3, 3, 1, 0; 2190 T-3, 3, 1, 0; 2193 T-3, 6, 1, 0; 2211 T-3, 3, 1, 0; 2352 T-3, 3, 1, 0; 2666 T-3, 3, 1, 0; 3081 T-3, 3, 1, 0; 3129 T-3, 3, 1, 0; 3144 T-3, 9, 2, 5; 3813 T-3, 6, 2, 3; 4187 T-3, 6, 2, 5; 4216 T-3, 3, 1, 0; 4310 T-3, 3, 1, 0; 4418 T-3, 6, 2, 7; 5014 T-3, 3, 1, 0; 5089 T-3, 6, 2, 7; 5130 T-3, 3, 1, 0; 5160 T-3, 9, 2, 8; 5622 T-3, 3, 1, 0; (10), 3, 1, 0; (17), 3, 1, 0; (20), 6, 2, 13; (26), 9, 2, 12; (44), 6, 2, 18; (45), 3, 1, 0; (51), 6, 2, 7; (77), 3, 1, 0; (82), 3, 1, 0; (97), 3, 1, 0; (101), 3, 1, 0; (126), 3, 1, 0; (143), 3, 1, 0; (144), 3, 1, 0; (163), 3, 1, 0; (167), 3, 1, 0; (170), 9, 3, 18; (177), 6, 2, 5; (180), 9, 2, 17; (181), 3, 1, 0; (183), 3, 1, 0; (187), 3, 1, 0; (203), 6, 2, 3; (206), 6, 1, 0; (208), 9, 2, 17; (209), 6, 2, 12; (233), 3, 1, 0; (234), 3, 1, 0; (240), 3, 1, 0; (241), 3, 1, 0; (255), 12, 3, 20; (256), 3, 1, 0; (265), 3, 1, 0; (269), 6, 2, 11; (271), 3, 1, 0; (272), 12, 2, 5; 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(27000), 3, 1, 0; (27001), 6, 2, 4; (27020), 3, 1, 0; (27023), 6, 1, 0; (27024), 6, 2, 10; (27032), 9, 2, 17; (27035), 3, 1, 0; (27039), 6, 1, 0; (27040), 3, 1, 0; (27041), 9, 3, 18; (27042), 6, 2, 11; (27044), 9, 3, 18; (27045), 6, 1, 0; (27052), 6, 1, 0; (27054), 3, 1, 0; (27057), 3, 1, 0; (27058), 9, 3, 11; (27059), 12, 3, 12; (27060), 3, 1, 0; (27061), 6, 2, 8; (27063), 6, 2, 12; (27064), 3, 1, 0; (27065), 6, 2, 13; (27066), 3, 1, 0; (27067), 6, 2, 7; (27070), 3, 1, 0; (27071), 6, 2, 5; (27072), 3, 1, 0; (27075), 6, 2, 6; (27076), 6, 2, 8; (27078), 3, 1, 0; (27079), 9, 3, 17; (27080), 3, 1, 0; (27081), 6, 2, 18; (27083), 3, 1, 0; (27084), 3, 1, 0; (27086), 3, 1, 0; (27097), 9, 3, 13; (27099), 6, 2, 10; (27100), 6, 1, 0; (27107), 6, 2, 18; (27108), 9, 3, 13; (27110), 3, 1, 0; (27111), 9, 2, 12; (27115), 6, 2, 5; (27117), 3, 1, 0; (27121), 9, 2, 5; (27123), 3, 1, 0; (27125), 6, 1, 0; (27126), 9, 3, 18; (27127), 3, 1, 0; (27131), 3, 1, 0; (27138), 3, 1, 0; (27141), 3, 1, 0; (27142), 6, 2, 5; (27144), 3, 1, 0; (27145), 6, 2, 17; (27147), 3, 1, 0; (27148), 9, 2, 7; (27149), 9, 2, 13; (27151), 3, 1, 0; (27153), 6, 2, 18; (27154), 9, 3, 18; (27157), 9, 2, 13; (27159), 3, 1, 0; (27162), 3, 1, 0; (27164), 6, 2, 5; (27165), 6, 1, 0; (27166), 3, 1, 0; (27167), 12, 3, 12; (27168), 3, 1, 0; (27169), 3, 1, 0; (27170), 3, 1, 0; (27171), 3, 1, 0; (27173), 3, 1, 0; (27179), 3, 1, 0; (27180), 3, 1, 0; (27182), 9, 3, 18; (27184), 3, 1, 0; (27185), 6, 2, 8; (27186), 9, 2, 13; (27189), 9, 3, 18; (27193), 6, 2, 3; (27194), 3, 1, 0; (27197), 6, 2, 17; (27202), 6, 2, 4; (27209), 3, 1, 0; (27213), 3, 1, 0; (27214), 3, 1, 0; (27216), 3, 1, 0; (27218), 6, 2, 7; (27220), 6, 2, 5; (27221), 3, 1, 0; (27223), 6, 2, 13; (27226), 6, 2, 9; (27227), 3, 1, 0; (27252), 6, 2, 3; (27257), 9, 2, 13; (27269), 6, 1, 0; (27280), 3, 1, 0; (27282), 6, 2, 12; (27285), 3, 1, 0; (27288), 9, 3, 18; (27289), 6, 2, 18; (27290), 3, 1, 0; (27294), 6, 1, 0; (27296), 6, 2, 5; (27297), 3, 1, 0; (27300), 3, 1, 0; (27305), 3, 1, 0; (27306), 9, 2, 18; (27307), 3, 1, 0; (27312), 6, 1, 0; (27315),

12, 3, 18; (27318), 3, 1, 0; (27324), 9, 2, 5; (27325), 6, 2, 17; (27326), 3, 1, 0; (27328), 6, 2, 17; (27329), 3, 1, 0; (27331), 3, 1, 0; (27334), 3, 1, 0; (27337), 6, 1, 0; (27338), 6, 2, 18; (27343), 3, 1, 0; (27345), 12, 4, 4; (27347), 3, 1, 0; (27350), 3, 1, 0; (27352), 6, 2, 8; (27353), 6, 2, 5; (27354), 3, 1, 0; (27356), 6, 2, 18; (27357), 9, 3, 10; (27358), 3, 1, 0; (27363), 3, 1, 0; (27372), 3, 1, 0; (27380), 3, 1, 0; (27381), 9, 2, 17; (27391), 3, 1, 0; (27395), 3, 1, 0; (27399), 6, 2, 1; (27400), 3, 1, 0; (27401), 3, 1, 0; (27404), 9, 2, 13; (27411), 3, 1, 0; (27415), 3, 1, 0; (27417), 3, 1, 0; (27419), 9, 2, 13; (27420), 6, 1, 0; (27427), 3, 1, 0; (27429), 9, 2, 5; (27431), 3, 1, 0; (27432), 3, 1, 0; (27434), 3, 1, 0; (27436), 6, 2, 18; (27437), 3, 1, 0; (27438), 3, 1, 0; (27439), 3, 1, 0; (27440), 15, 4, 19; (27443), 3, 1, 0; (27444), 6, 2, 18; (27446), 3, 1, 0; (27447), 9, 3, 12; (27450), 6, 2, 18; (27451), 9, 3, 13; (27452), 6, 2, 18; (27453), 3, 1, 0; (27454), 3, 1, 0; (27457), 9, 2, 18; (27459), 3, 1, 0; (27460), 3, 1, 0; (27461), 3, 1, 0; (27462), 3, 1, 0; (27465), 3, 1, 0; (27468), 3, 1, 0; (27471), 3, 1, 0; (27473), 3, 1, 0; (27476), 6, 2, 10; (27477), 12, 3, 12; (27478), 9, 2, 10; (27479), 6, 2, 2; (27481), 3, 1, 0; (27482), 6, 1, 0; (27484), 6, 1, 0; (27491), 3, 1, 0; (27492), 9, 3, 17; (27493), 6, 2, 13; (27495), 3, 1, 0; (27498), 12, 3, 18; (27505), 9, 3, 10; (27510), 3, 1, 0; (27511), 6, 2, 17; (27514), 12, 3, 12; (27515), 6, 2, 17; (27516), 3, 1, 0; (27519), 12, 3, 12; (27520), 9, 2, 12; (27521), 3, 1, 0; (27522), 3, 1, 0; (27526), 6, 2, 13; (27527), 3, 1, 0; (27528), 3, 1, 0; (27529), 6, 2, 4; (27534), 15, 3, 12; (27536), 3, 1, 0; (27538), 3, 1, 0; (27540), 3, 1, 0; (27542), 3, 1, 0; (27544), 3, 1, 0; (27545), 3, 1, 0; (27549), 3, 1, 0; (27550), 3, 1, 0; (27551), 3, 1, 0; (27556), 6, 2, 3; (27557), 3, 1, 0; (27558), 6, 2, 18; (27560), 9, 2, 13; (27561), 9, 2, 5; (27562), 9, 2, 5; (27621), 3, 1, 0; (27623), 3, 1, 0; (27626), 3, 1, 0; (27630), 6, 1, 0; (27632), 3, 1, 0; (27633), 9, 2, 5; (27634), 3, 1, 0; (27635), 3, 1, 0; (27637), 3, 1, 0; (27638), 3, 1, 0; (27640), 6, 2, 12; (27642), 3, 1, 0; (27646), 6, 2, 18; (27649), 3, 1, 0; (27651), 3, 1, 0; [*31853, 6625, 763**, *1996/03/02-2001/08/26*]

611 Starenburg Sternwarte, Heppenheim

M. Busch, Giessener Strasse 4, D-64646 Heppenheim, Germany [mab@iez.com]

Observers F. Hormuth, M. Busch, M. Fuchs, S. Kluegl, L. Kurtze

Measurers F. Hormuth, M. Busch, S. Kluegl

0.45-m $f/4.4$ reflector + CCD

USNO-SA2.0, GSC-ACT

1998 SV₄, 3, 1, 0; 2000 RO₈₅, 2, 1, 0; 2001 LF, 3, 1, 0; 2001 MM₂, 4, 1, 0; 2001 OG₁₀₈, 2, 1, 0; 2001 PM₉, 2, 1, 0; 2001 PT₁₃, 2, 1, 0; 2001 QQ₂, 2, 1, 0; 2001 QR₂, 2, 1, 0; 2001 QZ₃₃, 2, 1, 0; 2001 QE₇₁, 2, 1, 0; 2001 QO₇₂, 3, 2, 1; 2001 QZ₁₁₃, 3, 1, 0; 2001 QR₁₄₂, 4, 1, 0; 2001 QJ₁₅₃, 2, 1, 0; 2001 QP₁₅₃, 2, 1, 0; (4596), 1, 1, 0; [*41, 17, 0**, *2001/08/14-2001/08/28*]

620 Observatorio Astronómico de Mallorca

A. López, Observatori Astronómico de Mallorca, Camí de l'observatori s/n, E-07144

Costitx, Balears, Spain [astroam@bitel.es]

Observers S. Sanchez, M.E. Sansaturio, J. Nomen, J. Guarro, M. Blasco

Measurers S. Sanchez, M.E. Sansaturio, J. Nomen, J. Guarro, G. Sansaturio,

J. Rodriguez, M. Blasco

0.40-m $f/2.0$ Schmidt + CCD

USNO-SA2.0

1999 CT₃, 5, 2, 1; 2001 MD₁₃, 9, 4, 5; 2001 OM₈₁, 3, 1, 0; 2001 OG₁₀₈, 2, 1, 0; 2001 PE₇, 2, 1, 0; 2001 PJ₁₃ *, 5, 2, 1; 2001 PG₁₄, 3, 1, 0; 2001 QO₇₃, 5, 1, 0; 2001 QJ₉₆, 3, 1, 0; [*37, 9, 1**, *2001/07/26-2001/08/26*]

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

USNO-A2.0

1981 EW₃₆, 10, 2, 1; 1988 RO₅, 14, 2, 1; 1993 FO₃₉, 2, 1, 0; 1998 QK₆₃, 11, 3, 4; 1998 RG₇₆, 4, 1, 0; 1998 VD₄, 3, 1, 0; 1999 XQ₁₄₃, 3, 1, 0; 2000 AV₈₆, 10, 2, 1; 2000 DT₅₅, 6, 2, 1; 2000 GC₂₁, 10, 2, 1; 2000 GX₁₀₈, 14, 4, 19; 2000 GO₁₂₂, 7, 3, 5; 2000 HE₁₀, 8, 2, 1; 2000 JJ₇, 6, 2, 1; 2000 QC₂₄₃, 8, 5, 5; 2001 DU₁₀₆ *, 2, 1, 0; 2001 DV₁₀₆ *, 3, 1, 0; 2001 KZ₁₇, 8, 2, 1; 2001 LT₁₆, 6, 2, 1; 2001 MO₂₃, 15, 4, 5; 2001 MZ₂₈, 10, 2, 1; 2001 OE₆₃, 6, 2, 1; 2001 OR₉₅ *, 7, 3, 5; 2001 OS₉₅ *, 6, 2, 1; 2001 OT₉₅ *, 5, 2, 1; 2001 OU₉₅ *, 14, 4, 21; 2001 OV₉₅ *, 10, 5, 20; 2001 OW₉₅ *, 18, 5, 19; 2001 OX₉₅ *, 8, 3, 3; 2001 OY₉₅ *, 12, 4, 17; 2001 OZ₉₅ *, 13, 4, 17; 2001 OA₉₆ *, 7, 2, 1; 2001 OB₉₆ *, 8, 2, 1; 2001 OC₉₆ *, 15, 4, 17; 2001 PW₂₈, 10, 2, 1; 2001 PC₄₇ *, 5, 2, 1; 2001 PD₄₇ *, 6, 2, 1; 2001 PE₄₇ *, 6, 2, 1; 2001 PF₄₇ *, 6, 2, 1; 2001 PG₄₇ *, 6, 2, 1; 2001 PH₄₇ *, 5, 2, 1; 2001 PJ₄₇ *, 5, 2, 1; (3178), 6, 2, 1; (4076), 3, 1, 0; (5410), 5, 2, 1; (7461), 9, 3, 16; (9761), 6, 2, 1; (11349), 11, 4, 5; (15239), 6, 2, 1; (16868), 12, 4, 32; (17226), 6, 2, 1; (26204), 7, 2, 1; (27528), 8, 2, 1; [*417, 53, 21**, *2000/02/27-2001/08/15*]

628 Mülheim-Ruhr

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Germany [axelm@bph.ruhr-uni-bochum.de]

Observers A. Martin, A. Boeker

0.20-m $f/10$ Schmidt-Cassegrain + CCD, 0.25-m $f/6.1$ Schmidt-Cassegrain +
CCD

USNO-A2.0

1986 TB₇, 4, 1, 0; 1999 VB₅₃, 5, 2, 12; 2000 AY₁₄₆, 5, 1, 0; 2000 AC₂₁₆, 3, 1, 0; 2000 EC₉₃, 2,
1, 0; 2001 KR₆₆, 4, 1, 0; 2001 KG₆₈, 4, 1, 0; 2001 KT₇₄, 4, 1, 0; 2001 KU₇₄, 4, 1, 0; 2001 LA₇, 5,
1, 0; 2001 NB₁₈, 2, 1, 0; 2001 ND₂₀, 3, 1, 0; 2001 OC₅, 5, 1, 0; 2001 OY₅, 3, 1, 0; 2001 OZ₅, 3,
1, 0; 2001 OT₇₂, 3, 1, 0; 2001 OT₈₀, 4, 1, 0; 2001 OV₈₇, 3, 1, 0; 2001 QN₆₆, 5, 1, 0; (24870), 4,
1, 0; (26151), 4, 1, 0; (26825), 5, 1, 0; (26879), 20, 4, 27; [104, 23, 0*, 2001/07/31-2001/08/27]

634 Crolles

O. Thizy, 267 rue Victor Hugo, Cidex 272F, F-38920 Crolles, France
[thizy@alpes-net.fr]

0.30-m $f/3.45$ reflector + CCD

GSC

(1108), 6, 3, 53; (2140), 2, 1, 0; (3682), 2, 1, 0; [10, 3, 0*, 2001/06/22-2001/08/26]

636 Essen

A. Knöfel, Saarbrücker Str. 8, D-40476 Düsseldorf, Germany
[aknoefel@minorplanets.de]

Observers T. Payer, A. Knöfel

0.318-m $f/5.7$ reflector + CCD

USNO-A2.0

1968 OK, 3, 1, 0; 1979 MQ₄, 3, 1, 0; 1989 SF₁₄, 3, 1, 0; 1989 TP, 3, 1, 0; 1991 FZ, 3, 1, 0;
1992 SV₂₄, 3, 1, 0; 1994 TC, 3, 1, 0; 1999 CV₅, 3, 1, 0; 2000 EJ₁₄₀, 3, 1, 0; 2000 HK₂₅, 3, 1, 0;
2000 JA₄₁, 3, 1, 0; 2000 KK₂₉, 3, 1, 0; 2001 KG₂₁, 3, 1, 0; 2001 KW₆₇, 3, 1, 0; 2001 KT₇₄, 3, 1,
0; 2001 LA₇, 3, 1, 0; 2001 LQ₈, 3, 1, 0; 2001 LX₁₈, 3, 1, 0; 2001 MB₃, 4, 1, 0; 2001 MM₃, 4, 1, 0;
2001 MZ₂₃, 3, 1, 0; 2001 ME₂₅, 8, 3, 2; 2001 MW₂₉, 3, 1, 0; 2001 MD₃₀, 3, 1, 0; 2001 NR₁, 3, 1,
0; 2001 NT₁₅, 3, 1, 0; 2001 NK₁₈, 3, 1, 0; 2001 NL₁₈, 3, 1, 0; 2001 NV₁₈, 3, 1, 0; 2001 OB₅, 3, 1,
0; 2001 OC₅, 4, 1, 0; 2001 OZ₈, 3, 1, 0; 2001 OM₃₁, 4, 1, 0; 2001 OC₄₃, 3, 1, 0; 2001 OP₈₀, 3, 1,
0; 2001 OT₈₀, 6, 2, 3; 2001 OZ₈₀, 4, 1, 0; 2001 OC₈₁, 3, 1, 0; 2001 OG₉₅, 6, 2, 1; 2001 OQ₉₆, 3,
1, 0; 2001 OA₁₀₈, 3, 1, 0; 2001 PM₃, 3, 1, 0; 2001 QQ₂, 9, 3, 7; 2001 QD₃₀, 3, 1, 0; 2001 QF₆₈, 3,
1, 0; 2001 QP₆₉, 3, 1, 0; 2001 QU₈₀, 3, 1, 0; 2001 QO₈₂, 4, 1, 0; 2001 QT₉₀, 3, 1, 0; 2001 QK₁₅₀,
3, 1, 0; (18094), 3, 1, 0; [176, 51, 0*, 2001/08/01-2001/08/28]

642 Oak Bay, Victoria

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0.235-m $f/5.9$ Schmidt-Cassegrain + focal reducer + CCD

USNO-A2.0

1999 VB₅₃, 7, 2, 2; 2000 OK₈, 9, 2, 4; 2001 KX₆₇, 5, 1, 0; 2001 OE₃, 16, 4, 8; 2001 OA₁₄, 23, 5, 7;
2001 OF₈₄, 3, 1, 0; 2001 PD₁, 3, 1, 0; 2001 PL₉, 2, 1, 0; 2001 QG₁₄₂, 5, 1, 0; (719), 3, 1, 0; (1865),
3, 1, 0; (5587), 10, 3, 26; (5786), 32, 8, 11; (26868), 3, 1, 0; [124, 14, 0*, 2001/07/31-2001/08/26]

643 OCA-Anza Observatory

M. White, 28089 Calle Valdes, Mission Viejo, CA 92692, U.S.A.

[minorhwhite@earthlink.net]

Observers M. White, M. Collins

0.57-m Cassegrain reflector + CCD

USNO-SA1.0

2000 OR₇, 2, 1, 0; 2001 OL₂₂, 2, 1, 0; 2001 OG₇₇ *, 4, 2, 3; 2001 OF₉₁ *, 5, 3, 7; 2001 QN₁₀₈ *,
7, 3, 9; 2001 QO₁₀₈ *, 6, 2, 1; (1556), 2, 1, 0; [28, 7, 4*, 2001/07/19-2001/08/25]

644 Palomar Mountain/NEAT

E. F. Helin, MS 183-501, Jet Propulsion Laboratory, Pasadena, CA 91109, U.S.A.
[efh@temblor.jpl.nasa.gov]

Observers E. F. Helin, S. Pravdo, K. Lawrence, M. Hicks, E. Hovland, T. Bickler,
J. Schroeder, L. Scherr, R. Thicksten, A. Deetz. 1.2-m Schmidt + CCD.
1.2-m Oschin Schmidt + CCD

1968 OK, 3, 1, 0; 1972 RE, 3, 1, 0; 1974 OU₁, 3, 1, 0; 1975 SX₁, 3, 1, 0; 1978 RV, 6, 1, 0;
1978 VZ₅, 6, 2, 24; 1978 VE₅, 3, 1, 0; 1979 KJ, 3, 1, 0; 1979 MQ₄, 3, 1, 0; 1979 MT₆, 3, 1, 0;
1979 OX₁₀, 3, 1, 0; 1980 FA₁, 3, 1, 0; 1981 ED₁₁, 3, 1, 0; 1981 EE₁₅, 3, 1, 0; 1981 EO₂₂, 3, 1,
0; 1981 EO₂₅, 3, 1, 0; 1981 ET₂₉, 3, 1, 0; 1981 EX₃₄, 3, 1, 0; 1981 EN₄₇, 3, 1, 0; 1981 QP₂, 3,
1, 0; 1982 YR₁, 3, 1, 0; 1983 RA₄, 3, 1, 0; 1984 DB₁, 3, 1, 0; 1984 SW₆, 3, 1, 0; 1987 UT₁, 3, 1,
0; 1987 WP, 3, 1, 0; 1988 CR₂, 3, 1, 0; 1988 CU₃, 3, 1, 0; 1988 CF₄, 3, 1, 0; 1988 DK, 3, 1, 0;
1988 FB, 3, 1, 0; 1988 FN, 3, 1, 0; 1988 GG, 3, 1, 0; 1988 JE, 3, 1, 0; 1988 QC, 3, 1, 0; 1988 RM₅,
6, 2, 21; 1988 RG₁₂, 3, 1, 0; 1988 SV₁, 9, 2, 15; 1988 SE₃, 3, 1, 0; 1988 VC₁, 3, 1, 0; 1989 AA,
3, 1, 0; 1989 GB, 3, 1, 0; 1989 SR₃, 3, 1, 0; 1989 SD₄, 6, 2, 6; 1989 SV₅, 3, 1, 0; 1989 UO₂, 3,
1, 0; 1989 WJ, 3, 1, 0; 1990 OF₃, 6, 1, 0; 1990 QF₄, 3, 1, 0; 1990 QK₉, 6, 1, 0; 1990 QU₉, 3, 1,
0; 1990 RM₇, 3, 1, 0; 1990 SO₆, 9, 2, 24; 1990 SQ₁₄, 12, 4, 18; 1990 TT₄, 3, 1, 0; 1990 UV, 3,
1, 0; 1990 UC₁, 3, 1, 0; 1990 VM, 3, 1, 0; 1990 VM₁, 3, 1, 0; 1990 VO₆, 3, 1, 0; 1990 WD₁, 3, 1,
0; 1990 WJ₄, 3, 1, 0; 1991 AQ₂, 3, 1, 0; 1991 BJ₂, 3, 1, 0; 1991 CG₁, 3, 1, 0; 1991 DW, 3, 1,
0; 1991 FZ, 3, 1, 0; 1991 FX₂, 6, 2, 21; 1991 GL₈, 3, 1, 0; 1991 GS₁₀, 3, 1, 0; 1991 PQ₃, 3, 1, 0;
1991 PX₁₀, 3, 1, 0; 1991 PO₁₈, 6, 2, 11; 1991 RG₃, 6, 2, 8; 1991 RE₆, 6, 2, 7; 1991 RY₁₅, 3, 1, 0;
1991 RD₁₆, 6, 2, 20; 1991 RS₂₀, 3, 1, 0; 1991 RN₂₂, 6, 2, 5; 1991 RA₄₁, 3, 1, 0; 1991 RJ₄₁, 3, 1,
0; 1991 UV₁, 3, 1, 0; 1991 UA₃, 9, 3, 13; 1991 VV₆, 3, 1, 0; 1991 VH₁₂, 3, 1, 0; 1991 XN, 6, 1,
0; 1992 AY, 3, 1, 0; 1992 BU₄, 3, 1, 0; 1992 CE₃, 3, 1, 0; 1992 DF₁, 3, 1, 0; 1992 DD₇, 3, 1, 0;
1992 DH₇, 3, 1, 0; 1992 ED₄, 3, 1, 0; 1992 EK₁₁, 3, 1, 0; 1992 EM₁₇, 3, 1, 0; 1992 EN₁₇, 3, 1, 0;
1992 EA₂₃, 6, 2, 24; 1992 ES₃₀, 3, 1, 0; 1992 EV₃₁, 3, 1, 0; 1992 GE₃, 6, 2, 15; 1992 GV₃, 9, 3,
11; 1992 GD₄, 3, 1, 0; 1992 GA₅, 6, 1, 0; 1992 JC₁, 3, 1, 0; 1992 OE₇, 3, 1, 0; 1992 PN₁, 3, 1, 0;
1992 UH₄, 3, 1, 0; 1993 BG₆, 3, 1, 0; 1993 BB₇, 3, 1, 0; 1993 FL₁, 15, 3, 11; 1993 FY₅, 3, 1, 0;
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2, 10; 1993 OK₆, 6, 2, 21; 1993 PS₃, 3, 1, 0; 1993 QW₃, 3, 1, 0; 1993 RR, 3, 1, 0; 1993 RC₂, 9, 3,
12; 1993 RG₅, 3, 1, 0; 1993 RF₆, 3, 1, 0; 1993 RM₁₅, 3, 1, 0; 1993 SA₁₄, 3, 1, 0; 1993 TH₂, 3, 1,
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6, 1, 0; 1993 TB₃₉, 3, 1, 0; 1993 UF, 3, 1, 0; 1993 UF₁, 3, 1, 0; 1993 UC₈, 3, 1, 0; 1993 VP, 12,
3, 16; 1993 XJ₁, 6, 1, 0; 1994 BQ₃, 3, 1, 0; 1994 BR₃, 3, 1, 0; 1994 CR, 3, 1, 0; 1994 CK₁₄, 9,
3, 22; 1994 ED₂, 3, 1, 0; 1994 EP₆, 3, 1, 0; 1994 JX₅, 6, 2, 11; 1994 LY₁, 3, 1, 0; 1994 PS₁₆, 3,
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3, 1, 0; 1994 TC, 6, 2, 18; 1994 UD₂, 3, 1, 0; 1994 UJ₆, 3, 1, 0; 1994 UY₁₁, 3, 1, 0; 1994 VE₂,
3, 1, 0; 1994 YG₁, 3, 1, 0; 1994 YU₁, 3, 1, 0; 1995 AK, 3, 1, 0; 1995 AX₃, 3, 1, 0; 1995 BA, 3,
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0; 1995 HP₂, 6, 2, 24; 1995 LV, 3, 1, 0; 1995 MN₅, 3, 1, 0; 1995 QX, 3, 1, 0; 1995 SU₃₂, 3, 1, 0;
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1996 ET₁, 12, 3, 11; 1996 EZ₄, 3, 1, 0; 1996 FV₄, 3, 1, 0; 1996 GG₅, 3, 1, 0; 1996 GU₁₇, 3, 1, 0;
1996 GC₂₁, 12, 4, 17; 1996 HY, 6, 2, 5; 1996 HX₁₂, 3, 1, 0; 1996 HG₂₅, 3, 1, 0; 1996 HK₂₅, 3, 1,
0; 1996 JL₁, 9, 3, 11; 1996 JC₅, 3, 1, 0; 1996 JU₁₂, 3, 1, 0; 1996 MN₁, 3, 1, 0; 1996 NA₃, 3, 1,
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16; 1996 TB₂₀, 3, 1, 0; 1996 TL₃₂, 6, 2, 5; 1996 TF₅₂, 3, 1, 0; 1996 VX₁, 3, 1, 0; 1996 VJ₄, 3, 1,
0; 1996 VJ₅, 3, 1, 0; 1996 VW₅, 3, 1, 0; 1996 VV₈, 6, 2, 17; 1996 WQ₂, 3, 1, 0; 1996 XE₁, 3, 1,
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1998 TQ₃₁, 3, 1, 0; 1998 TH₃₃, 9, 3, 22; 1998 TP₃₃, 3, 1, 0; 1998 TX₃₄, 9, 2, 12; 1998 UD, 3, 1, 0; 1998 UD₄, 6, 2, 12; 1998 UF₇, 3, 1, 0; 1998 UP₇, 6, 2, 16; 1998 UP₇, 15, 4, 21; 1998 UJ₈, 3, 1, 0; 1998 UZ₁₆, 3, 1, 0; 1998 UU₂₀, 3, 1, 0; 1998 UZ₂₂, 3, 1, 0; 1998 UR₂₃, 3, 1, 0; 1998 UT₂₃, 3, 1, 0; 1998 UM₂₅, 3, 1, 0; 1998 UB₂₆, 3, 1, 0; 1998 UA₂₈, 3, 1, 0; 1998 UL₃₂, 3, 1, 0; 1998 UB₄₀, 3, 1, 0; 1998 UM₄₁, 3, 1, 0; 1998 UL₄₂, 3, 1, 0; 1998 VQ₆, 3, 1, 0; 1998 VT₆, 3, 1, 0; 1998 VW₈, 3, 1, 0; 1998 VH₉, 3, 1, 0; 1998 VT₉, 3, 1, 0; 1998 VT₁₃, 6, 2, 23; 1998 VN₁₈, 6, 2, 16; 1998 VN₁₉, 3, 1, 0; 1998 VV₁₉, 6, 1, 0; 1998 VX₁₉, 3, 1, 0; 1998 VY₂₁, 3, 1, 0; 1998 VO₂₂, 3, 1, 0; 1998 VC₂₅, 3, 1, 0; 1998 VA₂₆, 3, 1, 0; 1998 VY₂₇, 3, 1, 0; 1998 VK₂₈, 6, 2, 17; 1998 VZ₂₉, 6, 2, 16; 1998 VV₃₀, 3, 1, 0; 1998 VZ₃₀, 9, 3, 11; 1998 VL₃₁, 9, 3, 18; 1998 VC₃₃, 6, 1, 0; 1998 VX₃₇, 6, 2, 4; 1998 VD₅₀, 12, 4, 25; 1998 WH₁, 3, 1, 0; 1998 WB₃, 3, 1, 0; 1998 WP₆, 3, 1, 0; 1998 WE₇, 3, 1, 0; 1998 WF₇, 6, 2, 11; 1998 WL₇, 3, 1, 0; 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(15310), 12, 4, 16; (15317), 3, 1, 0; (15333), 3, 1, 0; (15341), 3, 1, 0; (15343), 6, 1, 0; (15349), 3, 1, 0; (15351), 6, 2, 11; (15355), 3, 1, 0; (15356), 3, 1, 0; (15361), 3, 1, 0; (15365), 3, 1, 0; (15399), 3, 1, 0; (15413), 9, 3, 12; (15425), 3, 1, 0; (15431), 6, 2, 21; (15434), 3, 1, 0; (15439), 3, 1, 0; (15444), 6, 2, 10; (15445), 12, 3, 11; (15448), 3, 1, 0; (15449), 3, 1, 0; (15452), 3, 1, 0; (15454), 3, 1, 0; (15466), 3, 1, 0; (15475), 9, 2, 23; (15483), 9, 2, 5; (15487), 3, 1, 0; (15493), 6, 2, 5; (15494), 3, 1, 0; (15518), 3, 1, 0; (15547), 3, 1, 0; (15551), 6, 2, 4; (15562), 3, 1, 0; (15563), 6, 2, 11; (15578), 3, 1, 0; (15579), 6, 2, 12; (15587), 3, 1, 0; (15588), 3, 1, 0; (15612), 3, 1, 0; (15621), 6, 2, 2; (15625), 3, 1, 0; (15627), 3, 1, 0; (15632), 3, 1, 0; (15634), 3, 1, 0; (15645), 6, 2, 4; (15646), 3, 1, 0; (15647), 3, 1, 0; (15654), 3, 1, 0; (15672), 3, 1, 0; (15689), 3, 1, 0; (15697), 3, 1, 0; (15732), 3, 1, 0; (15736), 3, 1, 0; (15763), 3, 1, 0; (15806), 3, 1, 0; (15808), 3, 1, 0; (15824), 3, 1, 0; (15833), 3, 1, 0; (15860), 3, 1, 0; (15878), 3, 1, 0; (15965), 3, 1, 0; (15973), 3, 1, 0; (15982), 3, 1, 0; (15985), 3, 1, 0; (15989), 3, 1, 0; (15990), 6, 2, 20; (16005), 3, 1, 0; (16015), 3, 1, 0; (16024), 3, 1, 0; (16035), 3, 1, 0; (16038), 9, 3, 15; (16040), 3, 1, 0; (16044), 6, 1, 0; (16045), 3, 1, 0; (16047), 3, 1, 0; (16060), 3, 1, 0; (16182), 9, 3, 4; (16187), 6, 2, 5; (16201), 3, 1, 0; (16211), 3, 1, 0; (16236), 3, 1, 0; (16244), 3, 1, 0; (16249), 6, 2, 24; (16254), 3, 1, 0; (16259), 3, 1, 0; (16261), 3, 1, 0; (16264), 3, 1, 0; (16266), 3, 1, 0; (16270), 6, 2, 5; (16271), 3, 1, 0; (16273), 6, 1, 0; (16278), 3, 1, 0; (16283), 6, 2, 6; (16309), 3, 1, 0; (16315), 6, 2, 11; (16336), 3, 1, 0; (16375), 3, 1, 0; (16391), 3, 1, 0; (16446), 3, 1, 0; (16480), 3, 1, 0; (16509), 3, 1, 0; (16556), 3, 1, 0; (16569), 3, 1, 0; (16604), 3, 1, 0; (16605), 3, 1, 0; (16678), 3, 1, 0; (16778), 3, 1, 0; (16797), 3, 1, 0; (16800), 3, 1, 0; (16876), 3, 1, 0; (16889), 3, 1, 0; (16891), 3, 1, 0; (16907), 3, 1, 0; (16960), 3, 1, 0; (16971), 6, 2, 15; (16977), 3, 1, 0; (16979), 3, 1, 0; (17014), 3, 1, 0; (17021), 3, 1, 0; (17067), 3, 1, 0; (17136), 3, 1, 0; (17224), 3, 1, 0; (17233), 3, 1, 0; (17243), 21, 6, 25; (17257), 3, 1, 0; (17268), 3, 1, 0; (17276), 3, 1, 0; (17421), 3, 1, 0; (17483), 3, 1, 0; (17540), 3, 1, 0; (17577), 3, 1, 0; (17596), 9, 3, 23; (17691), 3, 1, 0; (17721), 3, 1, 0; (17751), 3, 1, 0; (17780), 3, 1, 0; (17805), 3, 1, 0; (17867), 3, 1, 0; (17944), 3, 1, 0; (17981), 3, 1, 0; (17998), 3, 1, 0; (18046), 3, 1, 0; (18054), 3, 1, 0; (18070), 3, 1, 0; (18094), 3, 1, 0; (18134), 6, 2, 6; (18150), 6, 2, 21; (18233), 3, 1, 0; (18579), 3, 1, 0; (18737), 3, 1, 0; (18810), 3, 1, 0; (18891), 3, 1, 0; (18911), 3, 1, 0; (19133), 6, 2, 7; (19369), 3, 1, 0; (19741), 3, 1, 0; (19743), 12, 3, 5; (19761), 3, 1, 0; (19774), 3, 1, 0; (20018), 9, 3, 12; (20415), 3, 1, 0; (20429), 9, 3, 11; (20434), 6, 1, 0; (20765), 3, 1, 0; (21086), 3, 1, 0; (21553), 3, 1, 0; (21577), 6, 2, 4; (21596), 3, 1, 0; (22101), 3, 1, 0; (22361), 3, 1, 0; (22701), 6, 2, 5; (22729), 6, 2, 16; (22736), 3, 1, 0; (22763), 3, 1, 0; (22766), 3, 1, 0; (22769), 3, 1, 0; (22774), 3, 1, 0; (22779), 3, 1, 0; (23153), 3, 1, 0; (23156), 6, 2, 12; (23162), 3, 1, 0; (23164), 3, 1, 0; (23167), 6, 2, 11; (23168), 3, 1, 0; (23170), 3, 1, 0; (23177), 3, 1, 0; (23402), 3, 1, 0; (23495), 3, 1, 0; (23547), 3, 1, 0; (23704), 3, 1, 0; (23932), 6, 2, 13; (23946), 3, 1, 0; (25143), 3, 1, 0; (25274), 3, 1, 0; (25654), 3, 1, 0; (25868), 6, 2, 16; (26039), 3, 1, 0; (26087), 3, 1, 0; (26090), 6, 2, 2; (26096), 3, 1, 0; (26100), 6, 2, 1; (26105), 6, 2, 10; (26151), 3, 1, 0; (26157), 3, 1, 0; (26158), 3, 1, 0; (26217), 3, 1, 0; (26218), 3, 1, 0; (26220), 6, 2, 18; (26223), 3, 1, 0; (26225), 3, 1, 0; (26261), 3, 1, 0; (26282), 3, 1, 0; (26287), 6, 2, 6; (26316), 3, 1, 0; (26331), 3, 1, 0; (26345), 3, 1, 0; (26351), 3, 1, 0; (26357), 6, 2, 3; (26359), 6, 2, 5; (26360), 9, 3, 24; (26365), 3, 1, 0; (26373), 3, 1, 0; (26382), 3, 1, 0; (26447), 3, 1, 0; (26466), 6, 2, 1; (26526), 3, 1, 0; (26535), 3, 1, 0; (26552), 3, 1, 0; (26559), 9, 2, 2; (26562), 3, 1, 0; (26563), 3, 1, 0; (26564), 3, 1, 0; (26565), 3, 1, 0; (26574), 3, 1, 0; (26580), 6, 2, 13; (26590), 3, 1, 0; (26605), 9, 3, 11; (26613), 6, 1, 0; (26619), 3, 1, 0; (26624), 3, 1, 0; (26632), 3, 1, 0; (26641), 3, 1, 0; (26644), 9, 3, 13; (26649), 9, 2, 12; (26760), 9, 3, 11; (26794), 3, 1, 0; (26795), 3, 1, 0; (26799), 9, 3, 16; (26802), 9, 3, 24; (26806), 3, 1, 0; (26808), 3, 1, 0; (26814), 3, 1, 0; (26815), 6, 2, 11; (26816), 3, 1, 0; (26820), 6, 2, 4; (26822), 3, 1, 0; (26825), 3, 1, 0; (26833), 3, 1, 0; (26837), 3, 1, 0; (26839), 3, 1, 0; (26846), 3, 1, 0; (26851), 3, 1, 0; (26862), 3, 1, 0; (26872), 6, 2, 15; (26883), 3, 1, 0; (26887), 3, 1, 0; (26888), 3, 1, 0; (26895), 3, 1, 0; (26902), 3, 1, 0; (26907), 3, 1, 0; (26910), 3, 1, 0; (26916), 3, 1, 0; (26920), 6, 2, 7; (26924), 3, 1, 0; (26932), 3, 1, 0; (26933), 3, 1, 0; (26936), 3, 1, 0; (26938), 6, 2, 16; (26940), 15, 4, 16; (26945), 6, 2, 6; (26947), 3, 1, 0; (26948), 6, 2, 6; (26953), 3, 1, 0; (26961), 3, 1, 0; (26962), 3, 1, 0; (26974), 3, 1, 0; (26977), 3, 1, 0; (26989), 12, 4, 24; (26990), 12, 3, 12; (26992), 3, 1, 0; (26994), 6, 2, 12; (26998), 6, 2, 5; (27000), 3, 1, 0; (27020), 3, 1, 0; (27033), 3, 1, 0; (27034), 6, 2, 5; (27035), 6, 2, 5; (27038), 3, 1, 0; (27040), 3, 1, 0; (27043), 6, 2, 11; (27044), 3, 1, 0; (27047), 9, 3, 11; (27048), 3, 1, 0; (27050), 6, 2, 10; (27052), 3, 1, 0; (27058), 6, 1, 0; (27060), 3, 1, 0; (27064), 3, 1, 0; (27072), 3, 1, 0; (27077), 3, 1, 0; (2708

(27169), 6, 1, 0; (27172), 3, 1, 0; (27174), 6, 2, 6; (27175), 9, 3, 17; (27184), 3, 1, 0; (27187), 9, 3, 16; (27190), 6, 2, 12; (27193), 6, 2, 1; (27196), 3, 1, 0; (27199), 3, 1, 0; (27213), 3, 1, 0; (27220), 3, 1, 0; (27221), 3, 1, 0; (27222), 3, 1, 0; (27231), 3, 1, 0; (27232), 3, 1, 0; (27234), 6, 2, 12; (27252), 3, 1, 0; (27260), 9, 3, 19; (27266), 6, 2, 5; (27267), 12, 3, 16; (27269), 6, 2, 10; (27273), 3, 1, 0; (27274), 3, 1, 0; (27276), 3, 1, 0; (27280), 3, 1, 0; (27281), 3, 1, 0; (27285), 3, 1, 0; (27290), 3, 1, 0; (27297), 6, 2, 11; (27300), 6, 2, 23; (27307), 3, 1, 0; (27311), 3, 1, 0; (27312), 6, 2, 6; (27313), 3, 1, 0; (27314), 3, 1, 0; (27316), 6, 2, 10; (27317), 6, 2, 11; (27323), 3, 1, 0; (27332), 3, 1, 0; (27347), 3, 1, 0; (27351), 3, 1, 0; (27356), 6, 2, 12; (27357), 3, 1, 0; (27358), 3, 1, 0; (27366), 6, 2, 5; (27367), 3, 1, 0; (27369), 3, 1, 0; (27370), 3, 1, 0; (27375), 3, 1, 0; (27378), 9, 3, 12; (27390), 3, 1, 0; (27398), 6, 2, 16; (27399), 3, 1, 0; (27404), 3, 1, 0; (27408), 3, 1, 0; (27410), 3, 1, 0; (27411), 3, 1, 0; (27413), 6, 2, 11; (27414), 18, 5, 25; (27422), 3, 1, 0; (27428), 3, 1, 0; (27435), 3, 1, 0; (27436), 3, 1, 0; (27441), 9, 3, 11; (27442), 3, 1, 0; (27467), 3, 1, 0; (27472), 6, 2, 5; (27474), 3, 1, 0; (27478), 3, 1, 0; (27479), 6, 2, 2; (27483), 3, 1, 0; (27485), 3, 1, 0; (27486), 9, 3, 12; (27487), 6, 2, 16; (27488), 3, 1, 0; (27489), 3, 1, 0; (27500), 3, 1, 0; (27501), 12, 4, 16; (27504), 9, 3, 12; (27505), 6, 2, 6; (27507), 3, 1, 0; (27508), 6, 2, 11; (27512), 3, 1, 0; (27513), 3, 1, 0; (27518), 3, 1, 0; (27525), 6, 1, 0; (27530), 3, 1, 0; (27531), 9, 3, 24; (27532), 6, 2, 6; (27543), 3, 1, 0; (27545), 3, 1, 0; (27547), 3, 1, 0; (27548), 12, 4, 16; (27552), 3, 1, 0; (27555), 12, 3, 21; (27556), 3, 1, 0; (27559), 3, 1, 0; (27560), 3, 1, 0; (27565), 9, 2, 13; (27607), 6, 2, 6; (27621), 3, 1, 0; (27626), 6, 2, 5; (27631), 3, 1, 0; (27641), 3, 1, 0; (27643), 6, 2, 11; (27644), 3, 1, 0; (27649), 9, 3, 11; (27650), 9, 3, 16; (27654), 12, 4, 24; [28379, 5781, 1152*, 2001/05/02-2001/08/28]

649 Powell Observatory, Louisburg

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Observers K. Smalley, D. Trentman, M. Kirk, J. Alburty, S. Gardenhire, D. Young, R. Fredrick, D. Probert

Measurers K. Smalley, J. Alburty

0.75-m Newtonian + CCD

USNO-A2.0 USNO-SA2.0

1994 YD, 3, 1, 0; 1998 HD₁₄, 4, 1, 0; 1998 TU₃, 3, 1, 0; 1999 TL₁₂, 4, 1, 0; 2000 EP₇₄, 2, 1, 0; 2000 NL₁₀, 3, 1, 0; 2001 MD₁, 3, 1, 0; 2001 MR₃, 2, 1, 0; 2001 MA₈, 2, 1, 0; 2001 NZ₁, 5, 2, 2; 2001 OT, 3, 1, 0; 2001 OG₂₅, 7, 2, 2; 2001 OM₈₁, 6, 2, 1; 2001 OE₈₄, 10, 3, 13; 2001 OF₈₄, 6, 2, 1; 2001 OG₁₀₈, 6, 2, 1; 2001 PD₁, 6, 2, 2; 2001 PE₁, 4, 2, 2; 2001 PH₉, 7, 2, 5; 2001 PJ₉, 3, 1, 0; 2001 PK₉, 3, 1, 0; 2001 PL₉, 6, 2, 4; 2001 PM₉, 13, 4, 15; 2001 PT₉, 3, 1, 0; 2001 PU₉, 6, 2, 5; 2001 PH₁₃, 3, 1, 0; 2001 PF₁₄, 3, 1, 0; 2001 PG₁₄, 6, 2, 5; 2001 PD₁₅ *, 7, 2, 2; 2001 PH₂₉, 4, 1, 0; 2001 PJ₂₉, 8, 2, 8; 2001 QL₃₃ *, 6, 2, 1; 2001 QR₃₃, 3, 1, 0; 2001 QD₃₄, 3, 1, 0; 2001 QE₃₄, 3, 1, 0; 2001 QO₇₂, 3, 1, 0; 2001 QH₉₆, 2, 1, 0; 2001 QJ₉₆, 6, 2, 1; 2001 QA₁₁₄, 2, 1, 0; 2001 QK₁₅₃, 3, 1, 0; 2001 QL₁₅₃, 5, 1, 0; 2001 QP₁₅₃, 3, 1, 0; (4596), 7, 2, 2; [197, 43, 2*, 2001/07/31-2001/08/28]

658 National Research Council of Canada

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1.82-m Plaskett telescope + CCD

USNO-A2.0

2001 HW₇, 3, 1, 0; 2001 MT₁₈, 3, 1, 0; 2001 NZ₁, 11, 4, 13; 2001 ND₁₃, 3, 1, 0; 2001 OT, 6, 2, 11; 2001 OE₃, 6, 2, 2; 2001 OV₁₃, 3, 1, 0; 2001 OY₁₃, 12, 4, 20; 2001 OG₂₅, 6, 2, 2; 2001 OM₈₁, 2, 1, 0; 2001 OF₈₄, 6, 2, 11; 2001 OG₁₀₈, 9, 3, 13; 2001 PJ, 6, 2, 2; 2001 PH₉, 3, 1, 0; 2001 PJ₉, 3, 1, 0; 2001 PM₉, 3, 1, 0; 2001 PU₉, 3, 1, 0; 2001 PH₁₃, 3, 1, 0; 2001 QE₃₄, 3, 1, 0; 2001 QS₁₀₈, 3, 1, 0; 2001 QU₁₀₈, 3, 1, 0; 2001 QV₁₀₈, 2, 1, 0; 2001 QZ₁₁₃, 2, 1, 0; 2001 QG₁₄₂, 6, 2, 1; 2001 QH₁₄₂, 6, 2, 1; 2001 QJ₁₄₂, 6, 2, 1; 2001 QK₁₄₂, 5, 2, 1; 2001 QL₁₄₂, 3, 1, 0; 2001 QM₁₄₂, 9, 2, 1; 2001 QN₁₄₂, 3, 1, 0; 2001 QO₁₄₂, 3, 1, 0; 2001 QP₁₄₂, 5, 1, 0; 2001 QA₁₄₃, 6, 2, 1; 2001 QM₁₅₃, 3, 1, 0; [171, 38, 0*, 2001/07/31-2001/08/27]

670 Camarillo

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[72401.3174@CompuServe.com]

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

USNO-A2.0

1991 NT₃, 3, 1, 0; 1996 PC₁, 5, 2, 11; 1998 BX₇, 2, 1, 0; 1999 CV₈, 3, 2, 13; 2000 RV₃₇, 2, 1, 0; 2001 MF₁, 2, 1, 0; 2001 MQ₃, 5, 2, 25; 2001 OT, 3, 1, 0; 2001 OE₃, 3, 1, 0; 2001 OA₁₄, 8, 3, 25;

2001 OG₂₅, 3, 1, 0; 2001 PD₁, 1, 1, 0; 2001 PE₁, 2, 1, 0; 2001 QG₉₄, 2, 1, 0; (4596), 2, 1, 0; [46, 15, 0*, 2001/07/31-2001/08/25]

673 Table Mountain Observatory

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P. Weissman, Jet Propulsion Laboratory, MS 183-601, 4800 Oak Grove Dr., Pasadena, CA 91109, U.S.A. [pweissman@lively.jpl.nasa.gov] (3)

Observers M. O. Balancio, P. Weissman, S. Lowry, S. B. Santos, M. Hicks, T. Ha, D. Esqueda, A. M. Sullivan, R. C. Dumas, W. M. Owen, Jr.

Measurers L. Desroches, M. O. Balancio, W. M. Owen, Jr., R. C. Dumas

USNO-A2.0

{1} (2), 17, 7, 42; (5), 10, 4, 29; (9), 14, 7, 17; (10), 24, 11, 44; (17), 8, 3, 3; (36), 4, 2, 1; (45), 8, 3, 12; (48), 4, 2, 1; (94), 3, 2, 1; (129), 9, 3, 30; (144), 10, 4, 39; (146), 2, 1, 0; (163), 10, 4, 14; (167), 29, 13, 42; (176), 13, 6, 15; (222), 8, 3, 29; (225), 30, 12, 43; (233), 16, 6, 18; (234), 3, 1, 0; (241), 7, 3, 13; (246), 32, 12, 43; (253), 6, 3, 14; (266), 19, 8, 30; (276), 2, 1, 0; (335), 12, 5, 29; (357), 2, 1, 0; (366), 2, 1, 0; (388), 2, 1, 0; (392), 7, 3, 12; (393), 4, 2, 1; (407), 8, 3, 3; (419), 2, 1, 0; (446), 10, 4, 17; (447), 25, 13, 42; (449), 6, 3, 4; (538), 3, 2, 4; (582), 4, 2, 11; (590), 3, 1, 0; (602), 6, 3, 2; (631), 4, 2, 1; (686), 10, 4, 30; (694), 1, 1, 0; (702), 11, 4, 12; (712), 7, 3, 11; (713), 9, 3, 2; (914), 2, 1, 0; (972), 4, 2, 14; (1200), 8, 4, 4; (1242), 2, 1, 0; (1467), 11, 4, 15; (1637), 3, 1, 0; [456, 51, 0*, 2001/07/14-2001/08/27]

{3} (140), 16, 4, 3; (4979), 16, 4, 3; (23186), 6, 2, 1; [38, 3, 0*, 2000/08/05-2000/08/08]

675 Palomar

P. Weissman, Jet Propulsion Laboratory, MS 183-601, 4800 Oak Grove Dr., Pasadena, CA 91109, U.S.A. [pweissman@lively.jpl.nasa.gov] (0)

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)

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

9 = 6 + 3

Observers P. Weissman (0), E. F. Helin (2), K. Lawrence (2), C. S. Shoemaker (3), E. M. Shoemaker (3)

Measurers P. Weissman (0), K. Lawrence (2), B. A. Skiff (6)

0.46-m Schmidt

{0} 2001 PT₁₃, 3, 1, 0; 2001 QG₉₄, 2, 1, 0; 2001 QC₉₆, 4, 1, 0; [9, 3, 0*, 2001/08/23-2001/08/24]

{2} 2000 GB₉₀, 2, 1, 0; 2000 QZ₁₂₂, 2, 1, 0; 2000 RW₁₀₄, 2, 1, 0; [6, 3, 0*, 1991/01/14-1994/08/11]

{6} 1998 QA₁₄, 2, 1, 0; 2001 KP₇₃, 2, 1, 0; [4, 2, 0*, 1953/09/07-1955/10/23]

{9} 1997 XM₅, 2, 1, 0; 1999 XA, 1, 1, 0; 2000 FF₂₃, 1, 1, 0; 2000 HG₁₄, 2, 1, 0; 2000 SC₁₃₆, 2, 1, 0; 2001 FO₉₇, 2, 1, 0; (26080), 2, 1, 0; [12, 7, 0*, 1986/03/04-1994/05/11]

678 Fountain Hills

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

0.32-m *f*/4.5 reflector + CCD

GSC-1.1

2001 QG₁₁₁ *, 10, 3, 3; [10, 1, 1*, 2001/08/25-2001/08/28]

682 Kanab

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[mened@expressweb.com]

0.35-m $f/5.5$ Schmidt-Cassegrain + CCD
USNO-A2.0

1999 XH₁₃₇, 1, 1, 0; 2000 BT₆, 2, 1, 0; 2001 FU₁₅₆, 1, 1, 0; [4, 3, 0*, 2001/03/25–2001/05/01]

683 Goodricke-Pigott Observatory, Tucson

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

[tucker@noao.edu]

Observer R. Tucker

Measurers R. Tucker, V. Davis, N. Thomas, PinPoint Astrometric Engine

3x(0.35-m $f/5$ reflector + CCD)

GSC-ACT

1981 EG₁₀, 6, 2, 1; 1988 CH₅, 2, 1, 0; 1988 CR₇, 3, 1, 0; 1989 WC₂, 3, 1, 0; 1990 RK₃, 6, 2, 1; 1990 VM₁, 3, 1, 0; 1992 DH₇, 3, 1, 0; 1994 PZ₁₆, 3, 1, 0; 1996 HY₂₃, 3, 1, 0; 1997 TT₃, 3, 1, 0; 1997 UN₉, 6, 2, 1; 1997 VR₂, 6, 2, 1; 1997 WK₃₈, 6, 2, 1; 1998 WK₁₈, 3, 1, 0; 1999 CD₇₃, 6, 2, 1; 1999 CU₈₀, 6, 2, 1; 1999 CZ₈₁, 2, 1, 0; 1999 FP₃₀, 5, 2, 1; 1999 GJ₂₃, 6, 2, 1; 1999 JO₁₂, 3, 1, 0; 2000 AN₅₄, 2, 1, 0; 2000 AV₉₁, 3, 1, 0; 2000 AH₂₀₃, 3, 1, 0; 2000 EC₅₃, 3, 1, 0; 2000 CQ₉₀, 2, 1, 0; 2000 DK₅₈, 6, 2, 1; 2000 DU₇₆, 6, 2, 1; 2000 DO₁₁₂, 3, 1, 0; 2000 EC₂₆, 6, 2, 1; 2000 EK₃₉, 3, 1, 0; 2000 ED₉₄, 3, 1, 0; 2000 EU₁₃₅, 3, 1, 0; 2000 ET₁₅₇, 6, 2, 1; 2000 FO₆₂, 3, 1, 0; 2000 GY₂₆, 3, 1, 0; 2000 GY₇₂, 5, 2, 1; 2000 GT₁₁₂, 3, 1, 0; 2000 GQ₁₃₅, 3, 1, 0; 2000 HA₁₅, 6, 2, 1; 2000 HX₈₉, 3, 1, 0; 2000 JV₁₇, 6, 2, 1; 2000 JX₂₂, 2, 1, 0; 2000 JP₃₉, 3, 1, 0; 2000 KN₃₁, 3, 1, 0; 2000 LD₁, 3, 1, 0; 2000 LW₃₀, 6, 2, 1; 2001 FE₁₄₃, 3, 1, 0; 2001 KA₆₀, 3, 1, 0; 2001 MZ₂, 3, 1, 0; 2001 MH₅, 6, 2, 1; 2001 NB₂₁, 3, 1, 0; 2001 ON₂, 3, 1, 0; 2001 OU₂, 6, 2, 1; 2001 OT₅, 3, 1, 0; 2001 OJ₆, 3, 1, 0; 2001 OV₂₀, 3, 1, 0; 2001 OM₂₁, 3, 1, 0; 2001 OW₂₁, 6, 2, 1; 2001 OQ₄₂, 3, 1, 0; 2001 ON₇₂, 6, 2, 1; 2001 PB₇, 6, 2, 1; 2001 QA₂, 2, 1, 0; 2001 QE₂, 6, 2, 1; 2001 QS₂₀, 3, 1, 0; 2001 QW₂₁, 6, 2, 1; 2001 QU₂₅, 2, 1, 0; 2001 QQ₆₄, 5, 2, 1; 2001 QE₆₅, 3, 1, 0; 2001 QW₆₅, 3, 1, 0; 2001 QG₆₆, 6, 2, 1; 2001 QJ₆₆, 3, 1, 0; 2001 QM₆₆, 3, 1, 0; 2001 QG₆₇, 3, 1, 0; 2001 QH₆₇, 6, 2, 1; 2001 QH₆₉, 6, 2, 1; 2001 QP₇₀, 2, 1, 0; 2001 QK₉₄, 3, 1, 0; 2001 QV₉₄, 3, 1, 0; 2001 QR₁₀₁, 3, 1, 0; 2001 QE₁₁₄, 3, 1, 0; 2001 QM₁₁₄, 6, 2, 1; 2001 QD₁₃₀, 3, 1, 0; 2001 QZ₁₃₀, 6, 2, 1; 2001 QV₁₃₁, 3, 1, 0; 2001 QW₁₃₁, 3, 1, 0; 2001 QA₁₃₂, 6, 2, 1; 2001 QY₁₃₃, 6, 2, 1; 2001 QR₁₄₂, 4, 2, 1; 2001 QS₁₄₂, 4, 2, 1; 2001 QT₁₄₂, 5, 2, 1; 2001 QU₁₄₂, 6, 2, 1; 2001 QV₁₄₂, 5, 2, 1; 2001 QW₁₄₂, 5, 2, 1; 2001 QX₁₄₂, 5, 2, 1; 2001 QY₁₄₂, 6, 2, 1; 4074 P-L, 5, 2, 1; 2234 T-1, 3, 1, 0; 5034 T-3, 6, 2, 1; (39), 3, 1, 0; (436), 6, 2, 1; (756), 6, 2, 1; (909), 3, 1, 0; (1053), 3, 1, 0; (1434), 3, 1, 0; (1614), 3, 1, 0; (1755), 5, 2, 1; (2119), 3, 1, 0; (2292), 6, 2, 1; (2976), 6, 2, 1; (3409), 6, 2, 1; (3560), 6, 2, 1; (3774), 6, 2, 1; (4504), 6, 2, 1; (4608), 6, 2, 1; (4684), 6, 2, 1; (4837), 3, 1, 0; (4942), 3, 1, 0; (5229), 6, 2, 1; (6072), 3, 1, 0; (6208), 6, 2, 1; (6269), 6, 2, 1; (6286), 6, 2, 1; (6770), 3, 1, 0; (6999), 3, 1, 0; (7551), 3, 1, 0; (7736), 3, 1, 0; (7748), 6, 2, 1; (7861), 6, 2, 1; (7887), 6, 2, 1; (7971), 3, 1, 0; (8005), 3, 1, 0; (8007), 6, 2, 1; (8040), 5, 2, 1; (8239), 2, 1, 0; (8273), 6, 2, 1; (8329), 6, 2, 1; (8786), 3, 1, 0; (9746), 3, 1, 0; (9849), 3, 1, 0; (9970), 3, 1, 0; (10264), 3, 1, 0; (10324), 3, 1, 0; (10381), 6, 2, 1; (10573), 6, 2, 1; (10951), 5, 2, 1; (13949), 6, 2, 1; (14287), 3, 1, 0; (14315), 6, 2, 1; (14484), 3, 1, 0; (14645), 5, 2, 1; (14693), 6, 2, 1; (14757), 3, 1, 0; (14859), 6, 2, 39; (15172), 6, 2, 1; (15223), 3, 1, 0; (15715), 6, 2, 1; (16809), 5, 2, 1; (18137), 6, 2, 1; (24650), 3, 1, 0; (24779), 9, 3, 2; (26212), 2, 1, 0; (26372), 3, 1, 0; (26377), 3, 1, 0; (26868), 3, 1, 0; (26924), 6, 2, 1; (27210), 6, 2, 1; (27494), 3, 1, 0; [714, 167, 8*, 2001/04/21–2001/08/25]

684 Prescott

P. G. Comba, 1411 Galaxy Lane, Prescott, AZ 86303, U.S.A.

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0.46-m $f/4.5$ reflector + CCD

GSC

1997 TB, 4, 2, 1; 1997 VX₁, 4, 2, 1; 1998 YU₅, 5, 2, 1; 1999 EE₃, 5, 2, 1; 1999 TD₁₀, 3, 1, 0; 2000 AO₁₆₈, 2, 1, 0; 2000 AQ₁₆₈, 6, 3, 2; 2000 ER, 10, 2, 2; 2000 FP₄₉, 5, 2, 1; 2000 GN₁, 2, 1, 0; 2000 GF₁₂₃, 4, 2, 2; 2000 GY₁₂₅, 4, 2, 1; 2000 HM₅, 5, 2, 1; 2000 JC, 4, 2, 1; 2000 JM₅, 3, 1, 0; 2001 OJ₃₂, 6, 2, 2; 2001 OR₆₇, 4, 2, 8; 2001 ON₈₁, 8, 3, 9; 2001 OO₈₁, 8, 3, 9; 2001 OP₈₁, 6, 2, 2; 2001 OX₉₈, 2, 1, 0; 2001 QS₂, 6, 2, 2; 2001 QT₂, 5, 2, 2; 2001 QR₆₈, 3, 1, 0; 2001 QG₈₉, 8, 3, 8; 2001 QO₉₉, 6, 2, 1; 2001 QL₁₅₀, 5, 2, 1; 2001 QM₁₅₀, 5, 2, 1; (10918), 3, 1, 0; [141, 29, 9*, 2001/07/29–2001/08/27]

688 Lowell Observatory, Anderson Mesa Station

E. Bowell, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001,

U.S.A. [elgb@lowell.edu] (4)

L. H. Wasserman, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff,

AZ 86001, U.S.A. [lhw@lowell.edu] (5)

Observers B. A. Skiff (4), B. Koehn (4), R. L. Millis (5), L. H. Wasserman (5)

Measurer B. A. Skiff (4), B. Koehn (4), L. H. Wasserman (5)

1.8-m reflector + CCD, 0.75-m $f/16$ reflector + CCD

USNO-A2.0

{4} 1998 TZ₃₃, 2, 1, 0; 2000 HT₆₂, 2, 1, 0; [4, 2, 0*, 1997/10/28–2000/04/04]

{5} 2001 OB₇₀, 2, 1, 0; 2001 OO₈₁, 3, 1, 0; [5, 2, 0*, 2000/04/05–2000/05/03]

691 Kitt Peak, Steward Observatory-Spacewatch

R. S. McMillan, Space Sciences Building, University of Arizona, Tucson, AZ 85721,

U.S.A. [bob@lpl.arizona.edu]

Observers A. F. Tubbiolo, T. Gehrels, J. V. Scotti, A. E. Gleason, R. S. McMillan

0.91-m Spacewatch Telescope + CCD

USNO-SA2.0, USNO-SA1.0

1976 SB, 3, 1, 0; 1978 UB₇, 3, 1, 0; 1979 MY₆, 3, 1, 0; 1979 MG₇, 3, 1, 0; 1979 OV₁₀, 6, 2, 1440; 1981 EW₁₁, 3, 1, 0; 1981 EJ₃₅, 3, 1, 0; 1981 EY₃₇, 3, 1, 0; 1981 EH₃₉, 3, 1, 0; 1983 QR, 3, 1, 0; 1990 QR₈, 3, 1, 0; 1990 RF₇, 3, 1, 0; 1990 SE₆, 3, 1, 0; 1990 TR₃, 3, 1, 0; 1990 UQ₅, 6, 2, 2590; 1991 PA₉, 3, 1, 0; 1991 RT₂, 3, 1, 0; 1991 RP₁₈, 3, 1, 0; 1991 TD₇, 3, 1, 0; 1991 YP, 3, 1, 0; 1991 YB₁, 3, 1, 0; 1992 BZ₁, 3, 1, 0; 1992 DP₉, 3, 1, 0; 1992 EC₁₄, 3, 1, 0; 1992 OE₃, 3, 1, 0; 1992 SB₂, 3, 1, 0; 1993 FM₃₃, 6, 2, 2070; 1993 FM₄₄, 3, 1, 0; 1993 FD₄₉, 3, 1, 0; 1993 FJ₆₀, 3, 1, 0; 1993 PU₈, 3, 1, 0; 1993 QU₅, 3, 1, 0; 1993 SB₁₄, 3, 1, 0; 1993 TD₁₁, 6, 1, 0; 1993 TJ₁₂, 3, 1, 0; 1993 TF₁₇, 3, 1, 0; 1993 TU₁₈, 3, 1, 0; 1993 TU₃₄, 9, 3, 448; 1993 TM₄₁, 6, 2, 53; 1994 AC₉, 3, 1, 0; 1994 BL₃, 3, 1, 0; 1994 GM₃, 3, 1, 0; 1994 PT₃, 3, 1, 0; 1994 PB₄, 3, 1, 0; 1994 PV₄, 3, 1, 0; 1994 PY₄, 3, 1, 0; 1994 PV₇, 6, 2, 42; 1994 PQ₁₆, 3, 1, 0; 1994 PT₁₇, 3, 1, 0; 1994 PM₂₀, 3, 1, 0; 1994 PU₂₀, 3, 1, 0; 1994 PK₂₁, 3, 1, 0; 1994 PA₂₂, 3, 1, 0; 1994 PS₃₆, 3, 1, 0; 1994 RR₂, 3, 1, 0; 1994 TC₁₂, 3, 1, 0; 1994 VZ₁, 3, 1, 0; 1995 DJ, 3, 1, 0; 1995 DR₆, 6, 2, 29; 1995 DS₆, 3, 1, 0; 1995 DE₁₄, 3, 1, 0; 1995 FS₆, 3, 1, 0; 1995 GD₄, 3, 1, 0; 1995 MU₆, 3, 1, 0; 1995 QT₅, 3, 1, 0; 1995 QV₁₄, 8, 3, 61; 1995 QX₁₄, 9, 3, 58; 1995 SX₂₃, 6, 2, 2000; 1995 SV₂₉, 3, 1, 0; 1995 SW₃₄, 3, 1, 0; 1995 SD₄₁, 3, 1, 0; 1995 SN₆₀, 9, 3, 1069; 1995 SY₆₀, 3, 1, 0; 1995 SY₆₈, 3, 1, 0; 1995 SU₈₈, 3, 1, 0; 1995 UF₃, 6, 2, 12; 1995 UM₅, 3, 1, 0; 1995 UW₂₄, 3, 1, 0; 1995 UE₄₆, 3, 1, 0; 1995 UL₅₇, 6, 2, 95; 1995 UY₅₇, 3, 1, 0; 1995 UZ₅₇, 3, 1, 0; 1995 UT₆₂, 3, 1, 0; 1995 UC₆₉, 6, 2, 466; 1995 UL₇₈, 3, 1, 0; 1995 UC₇₉, 3, 1, 0; 1995 VW, 3, 1, 0; 1995 WQ₉, 3, 1, 0; 1995 WF₁₅, 3, 1, 0; 1995 WE₂₀, 3, 1, 0; 1995 WB₂₈, 9, 3, 1463; 1995 WM₃₁, 3, 1, 0; 1996 BL₃, 3, 1, 0; 1996 BT₁₄, 3, 1, 0; 1996 FQ₂, 3, 1, 0; 1996 HG₃, 3, 1, 0; 1996 HY₁₈, 6, 2, 8; 1996 HF₂₃, 3, 1, 0; 1996 LZ, 3, 1, 0; 1996 LX₄, 6, 2, 27; 1996 QZ₂, 3, 1, 0; 1996 TP₈, 3, 1, 0; 1996 TX₁₆, 6, 2, 13; 1996 TB₂₀, 3, 1, 0; 1996 TB₄₁, 6, 2, 1823; 1996 TE₅₉, 3, 1, 0; 1996 VB₂, 6, 2, 51; 1996 XE₁₇, 3, 1, 0; 1996 XE₃₂, 3, 1, 0; 1997 AU₈, 3, 1, 0; 1997 AZ₁₀, 3, 1, 0; 1997 AK₁₇, 3, 1, 0; 1997 CJ₁, 3, 1, 0; 1997 CS₆, 3, 1, 0; 1997 CZ₁₀, 6, 2, 3133; 1997 EV₇, 3, 1, 0; 1997 EC₁₀, 3, 1, 0; 1997 EH₁₀, 3, 1, 0; 1997 EF₂₇, 3, 1, 0; 1997 EU₄₁, 3, 1, 0; 1997 ES₄₂, 3, 1, 0; 1997 GD₂, 3, 1, 0; 1997 GY₂, 2, 1, 0; 1997 GB₄, 3, 1, 0; 1997 GJ₆, 6, 2, 9; 1997 GY₆, 3, 1, 0; 1997 GS₁₄, 3, 1, 0; 1997 GQ₂₂, 3, 1, 0; 1997 GQ₂₄, 3, 1, 0; 1997 HL₁₀, 3, 1, 0; 1997 HR₁₀, 3, 1, 0; 1997 HA₁₇, 6, 2, 1453; 1997 JQ₁₄, 2, 1, 0; 1997 LB₆, 6, 2, 409; 1997 MA₂, 3, 1, 0; 1997 MQ₂, 3, 1, 0; 1997 NK₂, 3, 1, 0; 1997 OH₁, 6, 2, 1908; 1997 QW₃, 3, 1, 0; 1997 RO₈, 6, 2, 1919; 1997 SU₁, 3, 1, 0; 1997 SX₁, 3, 1, 0; 1997 SL₉, 12, 4, 1466; 1997 SO₁₀, 3, 1, 0; 1997 TW₁₈, 3, 1, 0; 1997 TB₂₆, 3, 1, 0; 1997 UU, 3, 1, 0; 1997 UH₁₉, 3, 1, 0; 1997 UB₂₀, 3, 1, 0; 1997 UJ₂₂, 3, 1, 0; 1997 VA₁, 3, 1, 0; 1997 VC₁, 3, 1, 0; 1997 VK₃, 3, 1, 0; 1997 VV₄, 3, 1, 0; 1997 VQ₆, 3, 1, 0; 1997 WG₅, 3, 1, 0; 1997 WB₁₆, 3, 1, 0; 1997 WO₂₄, 6, 2, 30; 1997 WW₃₃, 3, 1, 0; 1997 WJ₃₆, 3, 1, 0; 1997 XR₈, 3, 1, 0; 1997 XY₁₁, 3, 1, 0; 1997 YG₉, 2, 1, 0; 1998 AY₆, 6, 2, 2271; 1998 AW₈, 2, 1, 0; 1998 BA₄₆, 3, 1, 0; 1998 CN₁, 3, 1, 0; 1998 CJ₂, 3, 1, 0; 1998 CG₃, 3, 1, 0; 1998 DD₃, 3, 1, 0; 1998 DA₆, 3, 1, 0; 1998 DD₆, 3, 1, 0; 1998 DZ₈, 3, 1, 0; 1998 DX₁₇, 3, 1, 0; 1998 DU₂₀, 3, 1, 0; 1998 EB₂, 3, 1, 0; 1998 EA₉, 3, 1, 0; 1998 FY₁, 3, 1, 0; 1998 FS₃₃, 3, 1, 0; 1998 FW₅₉, 3, 1, 0; 1998 FJ₇₆, 3, 1, 0; 1998 FF₈₀, 3, 1, 0; 1998 FN₁₀₇, 3, 1, 0; 1998 FD₁₁₆, 3, 1, 0; 1998 FB₁₁₈, 3, 1, 0; 1998 FU₁₃₀, 3, 1, 0; 1998 FV₁₃₀, 3, 1, 0; 1998 HO₃, 3, 1, 0; 1998 HS₈₃, 3, 1, 0; 1998 HU₉₀, 3, 1, 0; 1998 HH₉₁, 3, 1, 0; 1998 HC₉₉, 3, 1, 0; 1998 HC₁₂₄, 3, 1, 0; 1998 HS₁₅₃, 6, 2, 947; 1998 KP₁, 6, 2, 1884; 1998 KE₄, 3, 1, 0; 1998 KO₁₅, 3, 1, 0; 1998 KM₂₉, 3, 1, 0; 1998 KV₅₂, 3, 1, 0; 1998 KG₅₆, 3, 1, 0; 1998 MK₅, 3, 1, 0; 1998 MG₁₆, 6, 2, 1479; 1998 MO₃₁, 3, 1, 0; 1998 MK₃₃, 3, 1, 0; 1998 MM₃₇, 3, 1, 0; 1998 MM₃₉, 5, 2, 462; 1998 MG₄₀, 6, 2, 451; 1998 MQ₄₀, 6, 2, 481; 1998 NF, 3, 1, 0; 1998 NH, 3, 1, 0; 1998 OZ₇, 3, 1, 0; 1998 OL₈, 6, 2, 434; 1998 OP₈, 6, 2, 968; 1998 OY₉, 3, 1, 0; 1998 ON₁₁, 3, 1, 0; 1998 OZ₁₁, 3, 1, 0; 1998 OR₁₄, 3, 1, 0; 1998 QX₁₀, 3, 1, 0; 1998 QZ₁₀, 3, 1, 0; 1998 QL₁₁, 3, 1, 0; 1998 QZ₁₁, 3, 1, 0; 1998 QU₁₂, 3, 1, 0; 1998 QO₂₁, 3, 1, 0; 1998 QP₂₁, 3, 1, 0; 1998 QQ₂₂, 3, 1, 0; 1998 QM₂₄, 3, 1, 0; 1998 QS₂₅, 6, 2, 977; 1998 QU₂₉, 3, 1, 0; 1998 QT₃₁, 2, 1, 0; 1998 QH₃₉, 3, 1, 0; 1998 QT₄₀, 6, 2, 560; 1998 QM₄₁, 3, 1, 0; 1998 QF₄₄, 3, 1, 0; 1998 QG₅₆, 3, 1, 0; 1998 QQ₆₂, 3, 1, 0; 1998 QG₆₈, 3, 1, 0; 1998 QC₇₅, 3, 1, 0; 1998 QH₇₅, 3, 1, 0; 1998 QW₉₉, 6, 2, 473; 1998 QA₁₀₀, 3, 1, 0; 1998 QW₁₀₀, 3, 1, 0; 1998 QW₁₀₂, 6, 2, 45; 1998 RO, 3, 1, 0; 1998 RK₂, 3, 1, 0; 1998 RT₅, 6, 2, 28; 1998 RE₁₁, 3, 1, 0; 1998 RD₁₇, 3, 1, 0; 1998 RT₁₇, 3, 1, 0; 1998 RN₂₀, 9, 3, 3311;

1998 RO₂₉, 6, 2, 41; 1998 RA₃₁, 3, 1, 0; 1998 RY₃₈, 3, 1, 0; 1998 RQ₄₈, 3, 1, 0; 1998 RQ₄₉, 3, 1, 0; 1998 RG₅₂, 3, 1, 0; 1998 RK₅₃, 3, 1, 0; 1998 RG₅₄, 3, 1, 0; 1998 RZ₅₅, 3, 1, 0; 1998 RE₅₆, 3, 1, 0; 1998 RZ₅₆, 3, 1, 0; 1998 RF₆₃, 3, 1, 0; 1998 RZ₆₃, 6, 2, 23; 1998 RA₆₄, 3, 1, 0; 1998 RJ₆₄, 3, 1, 0; 1998 RZ₆₆, 3, 1, 0; 1998 RG₆₉, 3, 1, 0; 1998 RJ₆₉, 3, 1, 0; 1998 RK₇₀, 3, 1, 0; 1998 RQ₇₃, 3, 1, 0; 1998 RG₇₈, 3, 1, 0; 1998 SC₄, 3, 1, 0; 1998 ST₇, 3, 1, 0; 1998 SX₁₁, 3, 1, 0; 1998 SG₁₃, 3, 1, 0; 1998 SL₂₂, 3, 1, 0; 1998 SZ₂₅, 3, 1, 0; 1998 SP₂₆, 6, 2, 444; 1998 SU₂₇, 6, 2, 6; 1998 SA₂₉, 3, 1, 0; 1998 SN₂₉, 3, 1, 0; 1998 SQ₄₂, 3, 1, 0; 1998 SM₄₈, 3, 1, 0; 1998 SQ₅₂, 3, 1, 0; 1998 SO₅₃, 3, 1, 0; 1998 SP₅₆, 3, 1, 0; 1998 SS₅₆, 6, 2, 17; 1998 SS₅₉, 3, 1, 0; 1998 SW₅₉, 3, 1, 0; 1998 SN₆₃, 3, 1, 0; 1998 ST₆₃, 3, 1, 0; 1998 ST₆₆, 3, 1, 0; 1998 SM₇₃, 6, 2, 14; 1998 SJ₇₄, 3, 1, 0; 1998 SM₇₄, 3, 1, 0; 1998 SG₇₅, 6, 2, 17; 1998 SW₈₁, 3, 1, 0; 1998 SE₈₉, 3, 1, 0; 1998 SV₉₈, 3, 1, 0; 1998 SK₁₀₄, 3, 1, 0; 1998 SH₁₀₅, 3, 1, 0; 1998 SB₁₃₁, 6, 2, 2331; 1998 SP₁₃₇, 3, 1, 0; 1998 SD₁₄₁, 3, 1, 0; 1998 SN₁₄₁, 3, 1, 0; 1998 SX₁₄₄, 3, 1, 0; 1998 SY₁₄₄, 3, 1, 0; 1998 SJ₁₅₈, 5, 2, 18; 1998 SP₁₆₁, 3, 1, 0; 1998 TT₄, 3, 1, 0; 1998 TX₇, 3, 1, 0; 1998 TX₁₂, 3, 1, 0; 1998 TQ₁₄, 3, 1, 0; 1998 TF₁₈, 3, 1, 0; 1998 TY₁₈, 3, 1, 0; 1998 TL₂₈, 3, 1, 0; 1998 TM₃₀, 2, 1, 0; 1998 UG, 3, 1, 0; 1998 UM₄, 6, 2, 3422; 1998 UG₆, 3, 1, 0; 1998 UQ₁₄, 3, 1, 0; 1998 UY₁₆, 3, 1, 0; 1998 UE₁₉, 3, 1, 0; 1998 UQ₂₆, 3, 1, 0; 1998 UJ₂₇, 3, 1, 0; 1998 UB₄₀, 3, 1, 0; 1998 UF₄₁, 3, 1, 0; 1998 UV₄₁, 3, 1, 0; 1998 UR₄₇, 9, 3, 39; 1998 VH₂, 3, 1, 0; 1998 VY₃, 3, 1, 0; 1998 VT₄, 3, 1, 0; 1998 VD₁₄, 3, 1, 0; 1998 VY₃₂, 3, 1, 0; 1998 VZ₃₃, 6, 2, 914; 1998 VF₃₈, 3, 1, 0; 1998 VF₄₃, 6, 2, 43; 1998 VS₄₄, 3, 1, 0; 1998 WB₃, 3, 1, 0; 1998 WL₅, 3, 1, 0; 1998 WR₆, 2, 1, 0; 1998 WB₉, 3, 1, 0; 1998 WS₁₉, 3, 1, 0; 1998 WR₂₀, 3, 1, 0; 1998 WM₃₁, 3, 1, 0; 1998 WW₃₆, 9, 3, 46; 1998 XG, 6, 2, 2; 1998 XO, 3, 1, 0; 1998 XR₂, 3, 1, 0; 1998 XB₃, 3, 1, 0; 1998 XP₃, 3, 1, 0; 1998 XZ₁₂, 3, 1, 0; 1998 XU₂₀, 3, 1, 0; 1998 XK₂₂, 5, 2, 10; 1998 XM₂₄, 3, 1, 0; 1998 XF₂₆, 3, 1, 0; 1998 XU₂₈, 3, 1, 0; 1998 XO₅₀, 6, 2, 1; 1998 XF₆₁, 6, 2, 7; 1998 XC₆₂, 6, 2, 31; 1998 XR₇₇, 3, 1, 0; 1998 YA, 3, 1, 0; 1998 YF₄, 6, 2, 1528; 1998 YX₅, 3, 1, 0; 1998 YS₁₁, 3, 1, 0; 1998 YO₁₇, 3, 1, 0; 1999 AJ, 3, 1, 0; 1999 AX₅, 3, 1, 0; 1999 AZ₆, 3, 1, 0; 1999 AR₁₆, 3, 1, 0; 1999 AV₁₉, 2, 1, 0; 1999 AB₂₄, 3, 1, 0; 1999 AG₂₇, 3, 1, 0; 1999 AY₃₀, 3, 1, 0; 1999 BJ, 3, 1, 0; 1999 BL, 3, 1, 0; 1999 BK₅, 3, 1, 0; 1999 BW₈, 3, 1, 0; 1999 BU₉, 6, 2, 75; 1999 BS₁₁, 3, 1, 0; 1999 BA₁₉, 3, 1, 0; 1999 BV₂₆, 3, 1, 0; 1999 BK₂₉, 3, 1, 0; 1999 BC₃₀, 3, 1, 0; 1999 BR₃₁, 6, 2, 26; 1999 CG₄, 3, 1, 0; 1999 CX₁₂, 3, 1, 0; 1999 CU₁₄, 3, 1, 0; 1999 CH₁₆, 3, 1, 0; 1999 CD₂₁, 6, 2, 500; 1999 CW₂₂, 3, 1, 0; 1999 CG₂₃, 3, 1, 0; 1999 CS₂₉, 3, 1, 0; 1999 CS₃₂, 3, 1, 0; 1999 CL₃₇, 3, 1, 0; 1999 CT₅₀, 6, 2, 1792; 1999 CX₅₁, 3, 1, 0; 1999 CO₅₆, 3, 1, 0; 1999 CO₅₇, 3, 1, 0; 1999 CQ₅₈, 3, 1, 0; 1999 CD₇₇, 3, 1, 0; 1999 CK₉₁, 3, 1, 0; 1999 CJ₉₅, 3, 1, 0; 1999 CK₁₀₀, 3, 1, 0; 1999 CD₁₀₁, 2, 1, 0; 1999 CC₁₀₄, 3, 1, 0; 1999 CZ₁₀₄, 3, 1, 0; 1999 CZ₁₁₀, 3, 1, 0; 1999 CH₁₃₆, 9, 3, 40; 1999 CY₁₄₅, 3, 1, 0; 1999 CH₁₅₆, 3, 1, 0; 1999 DK₄, 3, 1, 0; 1999 DL₄, 3, 1, 0; 1999 EP₁, 3, 1, 0; 1999 EX₉, 3, 1, 0; 1999 FB₃, 3, 1, 0; 1999 FR₁₀, 3, 1, 0; 1999 FG₂₅, 6, 2, 1773; 1999 FF₃₁, 3, 1, 0; 1999 FC₄₄, 2, 1, 0; 1999 FB₄₈, 3, 1, 0; 1999 FH₅₁, 3, 1, 0; 1999 FP₅₁, 3, 1, 0; 1999 GE₅, 3, 1, 0; 1999 GY₁₄, 3, 1, 0; 1999 GT₂₅, 2, 1, 0; 1999 GH₃₀, 3, 1, 0; 1999 GN₃₁, 3, 1, 0; 1999 GD₃₉, 6, 2, 30; 1999 GE₅₅, 3, 1, 0; 1999 GV₆₀, 3, 1, 0; 1999 GM₆₁, 9, 3, 1398; 1999 HH₄, 3, 1, 0; 1999 JC, 6, 2, 2; 1999 JJ₁₆, 3, 1, 0; 1999 JB₂₁, 3, 1, 0; 1999 JW₂₇, 3, 1, 0; 1999 JV₂₈, 3, 1, 0; 1999 JL₄₆, 3, 1, 0; 1999 JZ₄₈, 3, 1, 0; 1999 JS₅₁, 3, 1, 0; 1999 JT₇₆, 3, 1, 0; 1999 JW₁₃₁, 3, 1, 0; 1999 NQ₁₁, 3, 1, 0; 1999 NB₁₂, 5, 1, 0; 1999 NN₁₃, 6, 2, 8; 1999 NS₂₆, 3, 1, 0; 1999 OL₂, 3, 1, 0; 1999 RF₄, 3, 1, 0; 1999 RB₁₂, 3, 1, 0; 1999 RZ₄₂, 3, 1, 0; 1999 RM₄₄, 3, 1, 0; 1999 RJ₄₄, 3, 1, 0; 1999 RY₅₁, 3, 1, 0; 1999 RK₅₃, 3, 1, 0; 1999 RE₅₅, 3, 1, 0; 1999 RL₆₁, 2, 1, 0; 1999 RJ₈₀, 3, 1, 0; 1999 RJ₈₄, 3, 1, 0; 1999 RE₈₈, 9, 3, 2136; 1999 RF₈₈, 6, 2, 968; 1999 RP₁₂₅, 3, 1, 0; 1999 RS₁₃₀, 3, 1, 0; 1999 RZ₁₃₄, 3, 1, 0; 1999 RR₁₄₂, 3, 1, 0; 1999 RP₁₄₇, 3, 1, 0; 1999 RX₁₅₀, 3, 1, 0; 1999 RT₁₅₇, 3, 1, 0; 1999 RW₁₆₀, 6, 2, 37; 1999 RV₁₇₄, 3, 1, 0; 1999 RM₁₈₁, 3, 1, 0; 1999 RQ₁₈₃, 3, 1, 0; 1999 RQ₁₉₂, 3, 1, 0; 1999 RV₂₁₁, 3, 1, 0; 1999 RX₂₅₃, 9, 3, 2082; 1999 SV₁₂, 3, 1, 0; 1999 SO₁₈, 3, 1, 0; 1999 TU, 3, 1, 0; 1999 TY, 3, 1, 0; 1999 TK₅, 3, 1, 0; 1999 TH₈, 3, 1, 0; 1999 TG₁₃, 3, 1, 0; 1999 TF₁₆, 3, 1, 0; 1999 TR₁₇, 3, 1, 0; 1999 TN₂₂, 3, 1, 0; 1999 TC₅₂, 2, 1, 0; 1999 TM₅₉, 3, 1, 0; 1999 TE₆₁, 3, 1, 0; 1999 TT₁₀₆, 3, 1, 0; 1999 TC₁₂₆, 3, 1, 0; 1999 TT₂₂₀, 3, 1, 0; 1999 TN₂₂₂, 3, 1, 0; 1999 TQ₂₂₃, 3, 1, 0; 1999 TJ₂₂₈, 3, 1, 0; 1999 TS₂₄₃, 3, 1, 0; 1999 TV₂₅₃, 9, 3, 1425; 1999 TQ₂₈₄, 3, 1, 0; 1999 UC, 3, 1, 0; 1999 UY₁₃, 3, 1, 0; 1999 UP₅₇, 3, 1, 0; 1999 VT₅, 3, 1, 0; 1999 VN₂₆, 3, 1, 0; 1999 VW₃₁, 3, 1, 0; 1999 VR₃₈, 3, 1, 0; 1999 VG₅₄, 6, 2, 30; 1999 VY₅₄, 3, 1, 0; 1999 VO₅₇, 3, 1, 0; 1999 VK₆₂, 3, 1, 0; 1999 VA₆₇, 3, 1, 0; 1999 VB₇₁, 3, 1, 0; 1999 VV₇₈, 3, 1, 0; 1999 VC₇₈, 3, 1, 0; 1999 VJ₈₆, 3, 1, 0; 1999 VV₉₂, 3, 1, 0; 1999 VO₁₀₃, 3, 1, 0; 1999 VW₁₂₃, 3, 1, 0; 1999 VF₁₂₅, 3, 1, 0; 1999 VX₁₂₇, 6, 2, 96; 1999 VQ₁₂₈, 3, 1, 0; 1999 VW₁₄₀, 3, 1, 0; 1999 VA₁₅₄, 3, 1, 0; 1999 VG₁₈₆, 3, 1, 0; 1999 VP₁₉₀, 3, 1, 0; 1999 VW₁₉₇, 3, 1, 0; 1999 VJ₂₀₈, 3, 1, 0; 1999 WJ₃, 3, 1, 0; 1999 WN₃, 3, 1, 0; 1999 WF₄, 3, 1, 0; 1999 WV₁₅, 3, 1, 0; 1999 WY₁₇, 3, 1, 0; 1999 WC₂₀, 6, 2, 19; 1999 XB₇, 3, 1, 0; 1999 XG₈, 3, 1, 0; 1999 XH₁₅, 3, 1, 0; 1999 XW₁₉, 3, 1, 0; 1999 XX₂₃, 3, 1, 0; 1999 XY₂₆, 3, 1, 0; 1999 XW₂₇, 3, 1, 0; 1999 XC₃₁, 3, 1, 0; 1999 XR₃₄, 2, 1, 0; 1999 XP₄₂, 3, 1, 0; 1999 XE₅₃, 3, 1, 0; 1999 XE₅₈, 3, 1, 0; 1999 XV₆₃, 3, 1, 0; 1999 XD₇₀, 3, 1, 0; 1999 XF₇₅, 3, 1, 0; 1999 XN₇₈, 3, 1, 0; 1999 XH₈₉, 3, 1, 0; 1999 XZ₉₉, 3, 1, 0; 1999 XJ₁₀₆, 3, 1, 0; 1999 XA₁₁₂, 3, 1, 0; 1999 XX₁₁₈, 3, 1, 0; 1999 XR₁₄₀, 6, 2, 34; 1999 XZ₁₄₈, 3, 1, 0; 1999 XC₁₆₇, 3, 1, 0; 1999 XV₁₆₇, 3, 1, 0; 1999 XG₁₇₁, 3, 1, 0; 1999 XP₁₇₅, 3, 1, 0; 1999 XW₁₈₃, 2, 1, 0; 1999 XA₁₉₄, 3, 1, 0; 1999 XW₂₀₉, 3, 1, 0; 1999 XG₂₁₆, 3, 1, 0; 1999 XZ₂₂₆, 3, 1, 0; 1999 XF₂₂₇, 3, 1, 0; 1999 XA₂₂₉, 3, 1, 0; 1999 XJ₂₃₀, 3, 1, 0; 1999 XK₂₃₄, 3, 1, 0; 1999 YG₁₇, 3, 1, 0; 2000 AG₁₁, 3, 1, 0; 2000 AP₁₁, 3, 1, 0; 2000 AQ₂₅, 3, 1, 0; 2000 AO₂₆, 3, 1, 0; 2000 AD₃₀, 3, 1, 0; 2000 AM₃₀, 3, 1, 0; 2000 AE₄₄, 3, 1, 0; 2000 AU₄₄, 3, 1, 0; 2000 AU₄₅, 3, 1, 0; 2000 AL₄₉,

3, 1, 0; 2000 AC₅₇, 6, 2, 2117; 2000 AA₅₈, 3, 1, 0; 2000 AH₇₅, 3, 1, 0; 2000 AK₈₃, 9, 3, 1455; 2000 AR₉₀, 2, 1, 0; 2000 AK₁₁₇, 3, 1, 0; 2000 AR₁₂₃, 5, 2, 2604; 2000 AE₁₃₁, 3, 1, 0; 2000 AE₁₄₀, 3, 1, 0; 2000 AL₁₄₄, 3, 1, 0; 2000 AW₁₄₄, 3, 1, 0; 2000 AJ₁₆₂, 3, 1, 0; 2000 AO₁₆₈, 2, 1, 0; 2000 AZ₁₆₈, 3, 1, 0; 2000 AF₁₇₁, 3, 1, 0; 2000 AU₁₈₅, 3, 1, 0; 2000 AA₁₉₄, 2, 1, 0; 2000 AG₂₀₃, 3, 1, 0; 2000 AL₂₁₁, 3, 1, 0; 2000 AL₂₁₅, 3, 1, 0; 2000 AE₂₄₀, 3, 1, 0; 2000 BB₁₀, 3, 1, 0; 2000 BF₁₅, 3, 1, 0; 2000 BC₂₅, 3, 1, 0; 2000 BY₂₅, 3, 1, 0; 2000 BD₂₇, 3, 1, 0; 2000 BF₂₇, 3, 1, 0; 2000 BA₂₉, 3, 1, 0; 2000 CJ₂, 1, 1, 0; 2000 CJ₁₃, 1, 1, 0; 2000 CP₂₀, 3, 1, 0; 2000 CR₂₀, 3, 1, 0; 2000 CT₂₃, 3, 1, 0; 2000 CF₂₇, 2, 1, 0; 2000 CG₂₇, 3, 1, 0; 2000 CW₂₇, 3, 1, 0; 2000 CB₃₂, 3, 1, 0; 2000 CX₃₄, 6, 2, 1526; 2000 CP₃₈, 3, 1, 0; 2000 CK₃₉, 3, 1, 0; 2000 CV₄₄, 9, 3, 2448; 2000 CV₄₅, 3, 1, 0; 2000 CT₄₇, 3, 1, 0; 2000 CK₄₉, 3, 1, 0; 2000 CZ₅₁, 3, 1, 0; 2000 CY₅₅, 3, 1, 0; 2000 CX₇₀, 6, 2, 544; 2000 CH₇₁, 3, 1, 0; 2000 CD₇₈, 3, 1, 0; 2000 CV₈₁, 3, 1, 0; 2000 CJ₉₂, 3, 1, 0; 2000 CX₁₀₂, 3, 1, 0; 2000 CO₁₂₅, 3, 1, 0; 2000 CQ₁₂₉, 3, 1, 0; 2000 CA₁₃₀, 3, 1, 0; 2000 DV₃, 3, 1, 0; 2000 DS₁, 3, 1, 0; 2000 DX₄, 3, 1, 0; 2000 DR₅, 3, 1, 0; 2000 DK₁₂, 3, 1, 0; 2000 DB₁₄, 3, 1, 0; 2000 DM₂₁, 3, 1, 0; 2000 DG₂₅, 3, 1, 0; 2000 DE₂₆, 6, 2, 23; 2000 DJ₂₆, 6, 2, 23; 2000 DV₂₇, 6, 2, 1027; 2000 DC₃₀, 5, 2, 415; 2000 DY₃₅, 3, 1, 0; 2000 DV₃₇, 3, 1, 0; 2000 DJ₄₃, 3, 1, 0; 2000 DQ₄₄, 6, 2, 15; 2000 DA₅₂, 6, 2, 1000; 2000 DV₅₂, 6, 2, 495; 2000 DX₅₄, 3, 1, 0; 2000 DQ₅₇, 3, 1, 0; 2000 DR₅₈, 3, 1, 0; 2000 DL₅₉, 3, 1, 0; 2000 DY₆₁, 3, 1, 0; 2000 DW₆₄, 3, 1, 0; 2000 DC₆₅, 3, 1, 0; 2000 DV₆₆, 3, 1, 0; 2000 DH₆₉, 3, 1, 0; 2000 DT₇₀, 3, 1, 0; 2000 DO₇₂, 3, 1, 0; 2000 DJ₇₃, 3, 1, 0; 2000 DX₇₃, 3, 1, 0; 2000 DK₇₄, 3, 1, 0; 2000 DU₇₆, 6, 2, 14; 2000 DD₇₈, 6, 2, 3525; 2000 DV₇₉, 3, 1, 0; 2000 DP₈₀, 3, 1, 0; 2000 DX₈₃, 3, 1, 0; 2000 DA₈₉, 3, 1, 0; 2000 DO₉₄, 3, 1, 0; 2000 DO₉₅, 3, 1, 0; 2000 DJ₉₆, 6, 2, 2; 2000 DL₁₀₁, 3, 1, 0; 2000 DB₁₀₃, 2, 1, 0; 2000 DH₁₀₃, 3, 1, 0; 2000 DQ₁₀₅, 3, 1, 0; 2000 DY₁₀₆, 3, 1, 0; 2000 DX₁₀₈, 3, 1, 0; 2000 DE₁₁₃, 6, 2, 9; 2000 DA₁₁₅, 6, 2, 2; 2000 EU₅, 3, 1, 0; 2000 ED₆, 3, 1, 0; 2000 EE₇, 3, 1, 0; 2000 EY₁₂, 3, 1, 0; 2000 EQ₁₃, 3, 1, 0; 2000 EC₁₈, 3, 1, 0; 2000 ET₂₁, 3, 1, 0; 2000 EJ₂₅, 3, 1, 0; 2000 EC₂₆, 3, 1, 0; 2000 EJ₂₉, 3, 1, 0; 2000 EY₃₈, 3, 1, 0; 2000 EN₄₀, 3, 1, 0; 2000 EB₄₁, 3, 1, 0; 2000 EL₄₁, 3, 1, 0; 2000 EP₄₁, 3, 1, 0; 2000 EY₄₁, 9, 3, 1321; 2000 EH₄₃, 3, 1, 0; 2000 EG₄₄, 3, 1, 0; 2000 EP₅₀, 3, 1, 0; 2000 EO₅₅, 3, 1, 0; 2000 EM₅₆, 3, 1, 0; 2000 EF₅₇, 3, 1, 0; 2000 EE₅₈, 3, 1, 0; 2000 EX₆₀, 3, 1, 0; 2000 EA₆₁, 6, 2, 1483; 2000 EL₇₀, 3, 1, 0; 2000 EQ₇₇, 3, 1, 0; 2000 EJ₈₅, 3, 1, 0; 2000 EL₈₇, 3, 1, 0; 2000 EB₈₈, 3, 1, 0; 2000 EG₈₉, 3, 1, 0; 2000 EJ₉₁, 3, 1, 0; 2000 EQ₉₇, 3, 1, 0; 2000 EY₁₀₅, 3, 1, 0; 2000 ED₁₁₂, 3, 1, 0; 2000 EZ₁₁₆, 3, 1, 0; 2000 EB₁₂₆, 2, 1, 0; 2000 EI₁₂₇, 3, 1, 0; 2000 EU₁₃₄, 3, 1, 0; 2000 EA₁₃₅, 3, 1, 0; 2000 EU₁₃₅, 3, 1, 0; 2000 EN₁₃₈, 6, 2, 2; 2000 ES₁₄₁, 3, 1, 0; 2000 ED₁₄₅, 3, 1, 0; 2000 EB₁₇₅, 6, 2, 1001; 2000 EQ₁₈₆, 3, 1, 0; 2000 FC₆, 3, 1, 0; 2000 FO₈, 6, 2, 19; 2000 FV₁₀, 3, 1, 0; 2000 FE₂₂, 3, 1, 0; 2000 FS₂₅, 2, 1, 0; 2000 FY₂₅, 3, 1, 0; 2000 FS₃₀, 3, 1, 0; 2000 FV₃₃, 3, 1, 0; 2000 FK₄₂, 3, 1, 0; 2000 FE₄₉, 3, 1, 0; 2000 FZ₅₅, 2, 1, 0; 2000 FN₆₈, 3, 1, 0; 2000 GJ₁, 3, 1, 0; 2000 GV₃, 3, 1, 0; 2000 GA₄, 3, 1, 0; 2000 GF₄, 3, 1, 0; 2000 GZ₂₅, 3, 1, 0; 2000 GP₃₁, 3, 1, 0; 2000 GX₃₃, 3, 1, 0; 2000 GQ₄₀, 3, 1, 0; 2000 GY₄₀, 6, 2, 6; 2000 GX₄₃, 3, 1, 0; 2000 GQ₄₄, 3, 1, 0; 2000 GH₄₉, 9, 3, 85; 2000 GK₅₁, 5, 2, 1775; 2000 GQ₅₁, 3, 1, 0; 2000 GJ₅₃, 3, 1, 0; 2000 GK₅₃, 3, 1, 0; 2000 GY₅₃, 6, 1, 0; 2000 GC₅₄, 3, 1, 0; 2000 GC₅₇, 3, 1, 0; 2000 GK₆₁, 3, 1, 0; 2000 GO₆₅, 3, 1, 0; 2000 GD₆₇, 6, 2, 1; 2000 GQ₇₀, 3, 1, 0; 2000 GS₇₁, 3, 1, 0; 2000 GU₇₂, 3, 1, 0; 2000 GT₉₃, 3, 1, 0; 2000 GW₉₄, 6, 1, 0; 2000 GH₉₈, 3, 1, 0; 2000 GS₁₀₀, 3, 1, 0; 2000 GY₁₀₀, 3, 1, 0; 2000 GP₁₀₂, 3, 1, 0; 2000 GX₁₀₃, 3, 1, 0; 2000 GM₁₀₆, 3, 1, 0; 2000 GX₁₀₇, 3, 1, 0; 2000 GD₁₀₉

0; 2000 RF7, 6, 2, 495; 2000 RQ40, 3, 1, 0; 2000 RR68, 3, 1, 0; 2000 RO85, 3, 1, 0; 2000 SW1, 3, 1, 0; 2000 ST8, 3, 1, 0; 2000 SY22, 3, 1, 0; 2000 SQ35, 3, 1, 0; 2000 SE37, 3, 1, 0; 2000 SW62, 3, 1, 0; 2000 SJ76, 2, 1, 0; 2000 SK111, 3, 1, 0; 2000 SF112, 3, 1, 0; 2000 SF124, 3, 1, 0; 2000 SS126, 8, 2, 3313; 2000 SF139, 3, 1, 0; 2000 SR139, 3, 1, 0; 2000 SA149, 3, 1, 0; 2000 SG149, 3, 1, 0; 2000 SX152, 3, 1, 0; 2000 SH157, 3, 1, 0; 2000 SM162, 2, 1, 0; 2000 SY187, 3, 1, 0; 2000 SM205, 3, 1, 0; 2000 SY207, 3, 1, 0; 2000 SK225, 3, 1, 0; 2000 SH229, 3, 1, 0; 2000 SM256, 3, 1, 0; 2000 SZ257, 3, 1, 0; 2000 TD6, 3, 1, 0; 2000 TP15, 3, 1, 0; 2000 UG7, 3, 1, 0; 2000 UA79, 3, 1, 0; 2000 UO84, 3, 1, 0; 2000 VJ24, 3, 1, 0; 2000 WD14, 3, 1, 0; 2000 WJ34, 3, 1, 0; 2000 WT100, 3, 1, 0; 2000 WC122, 6, 2, 7; 2000 WA149, 3, 1, 0; 2000 YO33, 3, 1, 0; 2000 YV36, 3, 1, 0; 2000 YR39, 3, 1, 0; 2000 YA61, 3, 1, 0; 2000 YX82, 2, 1, 0; 2001 AJ4, 3, 1, 0; 2001 AE7, 3, 1, 0; 2001 AE25, 3, 1, 0; 2001 BU42, 3, 1, 0; 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2001 QV₁₄₃ *, 6, 2, 6; 2001 QW₁₄₃ *, 6, 2, 6; 2001 QX₁₄₃ *, 6, 2, 6; 2001 QY₁₄₃ *, 6, 2, 6; 2001 QZ₁₄₃ *, 6, 2, 6; 2001 QA₁₄₄ *, 6, 2, 6; 2001 QB₁₄₄ *, 6, 2, 6; 2001 QC₁₄₄ *, 6, 2, 6; 2001 QD₁₄₄ *, 6, 2, 6; 2001 QE₁₄₄ *, 6, 2, 6; 2001 QF₁₄₄ *, 6, 2, 6; 2001 QG₁₄₄ *, 6, 2, 6; 2001 QH₁₄₄ *, 6, 2, 6; 2001 QJ₁₄₄ *, 6, 2, 6; 2001 QK₁₄₄ *, 6, 2, 6; 2001 QL₁₄₄ *, 6, 2, 6; 2001 QM₁₄₄ *, 6, 2, 5; 2001 QN₁₄₄ *, 6, 2, 5; 2001 QO₁₄₄ *, 6, 2, 5; 2001 QP₁₄₄ *, 6, 2, 5; 2001 QQ₁₄₄ *, 6, 2, 5; 2001 QR₁₄₄ *, 6, 2, 5; 2001 QS₁₄₄ *, 6, 2, 4; 2001 QT₁₄₄ *, 6, 2, 4; 2001 QU₁₄₄ *, 6, 2, 4; 2001 QV₁₄₄ *, 6, 2, 4; 2001 QW₁₄₄ *, 6, 2, 1; 2001 QX₁₄₄ *, 6, 2, 1; 2001 QY₁₄₄ *, 6, 2, 1; 2001 QZ₁₄₄ *, 6, 2, 1; 2001 QA₁₄₅ *, 6, 2, 1; 2001 QB₁₄₅ *, 6, 2, 1; 2001 QC₁₄₅ *, 6, 2, 1; 2001 QD₁₄₅ *, 6, 2, 1; 2001 QE₁₄₅ *, 6, 2, 1; 2001 QF₁₄₅ *, 6, 2, 1; 2001 QG₁₄₅ *, 6, 2, 1; 2001 QH₁₄₅ *, 6, 2, 1; 2001 QI₁₄₅ *, 6, 2, 1; 2001 QJ₁₄₅ *, 6, 2, 1; 2001 QK₁₄₅ *, 6, 2, 1; 2001 QL₁₄₅ *, 6, 2, 1; 2001 QM₁₄₅ *, 6, 2, 1; 2001 QN₁₄₅ *, 6, 2, 1; 2001 QO₁₄₅ *, 6, 2, 1; 2001 QP₁₄₅ *, 6, 2, 1; 2001 QQ₁₄₅ *, 6, 2, 1; 2001 QR₁₄₅ *, 9, 2, 1; 2001 QS₁₄₅ *, 9, 3, 2; 2001 QT₁₄₅ *, 6, 2, 1; 2001 QU₁₄₅ *, 6, 2, 1; 2001 QV₁₄₅ *, 6, 2, 1; 2001 QW₁₄₅ *, 6, 2, 1; 2001 QX₁₄₅ *, 6, 2, 1; 2001 QY₁₄₅ *, 6, 2, 1; 2001 QZ₁₄₅ *, 6, 2, 1; 2001 QA₁₄₆ *, 6, 2, 1; 2001 QB₁₄₆ *, 6, 2, 1; 2001 QC₁₄₆ *, 6, 2, 1; 2001 QD₁₄₆ *, 6, 2, 1; 2001 QE₁₄₆ *, 6, 2, 1; 2001 QF₁₄₆ *, 6, 2, 1; 2001 QG₁₄₆ *, 6, 2, 1; 2001 QH₁₄₆ *, 6, 2, 1; 2001 QI₁₄₆ *, 6, 2, 1; 2001 QJ₁₄₆ *, 6, 2, 1; 2001 QK₁₄₆ *, 6, 2, 1; 2001 QL₁₄₆ *, 6, 2, 1; 2001 QM₁₄₆ *, 6, 2, 1; 2001 QN₁₄₆ *, 6, 2, 1; 2001 QO₁₄₆ *, 6, 2, 1; 2001 QP₁₄₆ *, 6, 2, 1; 2001 QQ₁₄₆ *, 6, 2, 1; 2001 QR₁₄₆ *, 6, 2, 1; 2001 QS₁₄₆ *, 6, 2, 1; 2177 P-L, 3, 1, 0; 2204 P-L, 3, 1, 0; 2231 P-L, 3, 1, 0; 2652 P-L, 3, 1, 0; 2760 P-L, 2, 1, 0; 2836 P-L, 6, 2, 11; 3023 P-L, 3, 1, 0; 4088 P-L, 3, 1, 0; 4126 P-L, 3, 1, 0; 4128 P-L, 3, 1, 0; 4189 P-L, 3, 1, 0; 4232 P-L, 3, 1, 0; 4240 P-L, 6, 2, 1808; 4536 P-L, 3, 1, 0; 2067 T-1, 3, 1, 0; 4231 T-1, 3, 1, 0; 1047 T-2, 3, 1, 0; 1056 T-2, 2, 1, 0; 1156 T-2, 3, 1, 0; 1409 T-2, 3, 1, 0; 2410 T-2, 3, 1, 0; 3116 T-2, 3, 1, 0; 3227 T-2, 3, 1, 0; 3269 T-2, 3, 1, 0; 3333 T-2, 3, 1, 0; 4132 T-2, 3, 1, 0; 4141 T-2, 3, 1, 0; 4286 T-2, 3, 1, 0; 5143 T-2, 3, 1, 0; 1114 T-3, 3, 1, 0; 1153 T-3, 9, 3, 1508; 1167 T-3, 3, 1, 0; 2032 T-3, 3, 1, 0; 2231 T-3, 3, 1, 0; 2241 T-3, 3, 1, 0; 3038 T-3, 3, 1, 0; 3174 T-3, 3, 1, 0; 4120 T-3, 3, 1, 0; 4198 T-3, 3, 1, 0; 5721 T-3, 2, 1, 0; (213), 3, 1, 0; (1443), 3, 1, 0; (1733), 3, 1, 0; (2732), 3, 1, 0; (3341), 3, 1, 0; (3557), 3, 1, 0; (3593), 3, 1, 0; (3658), 3, 1, 0; (4266), 3, 1, 0; (4365), 3, 1, 0; (4536), 6, 2, 1; (4555), 3, 1, 0; (5037), 3, 1, 0; (5108), 3, 1, 0; (5509), 3, 1, 0; (5848), 3, 1, 0; (5882), 3, 1, 0; (5939), 3, 1, 0; (6004), 3, 1, 0; (6780), 3, 1, 0; (6935), 3, 1, 0; (7183), 3, 1, 0; (7271), 3, 1, 0; (7373), 3, 1, 0; (7768), 3, 1, 0; (8128), 3, 1, 0; (8375), 3, 1, 0; (9652), 3, 1, 0; (9752), 3, 1, 0; (9762), 3, 1, 0; (9813), 3, 1, 0; (9848), 3, 1, 0; (9885), 3, 1, 0; (10055), 3, 1, 0; (10220), 3, 1, 0; (10305), 3, 1, 0; (10391), 3, 1, 0; (10439), 3, 1, 0; (10663), 3, 1, 0; (10897), 3, 1, 0; (10923), 3, 1, 0; (12836), 3, 1, 0; (13473), 3, 1, 0; (13549), 3, 1, 0; (13600), 3, 1, 0; (13751), 3, 1, 0; (13791), 3, 1, 0; (14289), 3, 1, 0; (14307), 3, 1, 0; (14480), 3, 1, 0; (14482), 3, 1, 0; (14516), 3, 1, 0; (14550), 3, 1, 0; (14790), 3, 1, 0; (14866), 3, 1, 0; (14956), 3, 1, 0; (14986), 3, 1, 0; (14997), 3, 1, 0; (15014), 3, 1, 0; (15090), 3, 1, 0; (15140), 3, 1, 0; (15142), 6, 2, 2; (15264), 3, 1, 0; (15361), 3, 1, 0; (15370), 3, 1, 0; (15377), 3, 1, 0; (15458), 6, 2, 2; (15557), 3, 1, 0; (15570), 3, 1, 0; (15576), 3, 1, 0; (15598), 3, 1, 0; (15755), 3, 1, 0; (15757), 3, 1, 0; (15761), 3, 1, 0; (15767), 3, 1, 0; (15890), 3, 1, 0; (18492), 3, 1, 0; (21604), 3, 1, 0; (23164), 3, 1, 0; (26236), 3, 1, 0; (26283), 3, 1, 0; (26345), 6, 2, 2; (26848), 3, 1, 0; (26862), 3, 1, 0; (26914), 3, 1, 0; (26966), 3, 1, 0; (27020), 14, 3, 1058; (27038), 3, 1, 0; (27064), 3, 1, 0; (27085), 3, 1, 0; (27123), 3, 1, 0; (27188), 3, 1, 0; (27194), 3, 1, 0; (27306), 3, 1, 0; (27310), 3, 1, 0; (27377), 3, 1, 0; (27398), 3, 1, 0; (27401), 3, 1, 0; (27459), 3, 1, 0; (27473), 3, 1, 0; (27533), 3, 1, 0; (27545), 3, 1, 0; (27560), 6, 2, 2; (27638), 3, 1, 0; [6995, 1860, 205*, 1991/09/04-2001/08/28]

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

1999 CF₃₈, 2, 1, 0; [2, 1, 0*, 1999/04/16]

695 Kitt Peak

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

R. L. Allen, Univ. of Michigan, Dept. of Astronomy, Ann Arbor, MI 48109, U.S.A. [rhiannon@astro.lsa.umich.edu] (2)

Observers M. W. Buie (1), S. Kern (1), R. L. Allen (2), G. Bernstein (2), R. Malhotra (2)

Measurers M. W. Buie (1), R. L. Millis (1), J. L. Elliot (1), S. D. Kern (1), L. H. Wasserman (1), R. L. Allen (2)

2.3-m Steward reflector + CCD, 4-m Mayall reflector + CCD

USNO-A2.0

{1} 1999 VF₁₂₅, 2, 1, 0; 2000 AM₁₁₈, 2, 1, 0; 2000 EC₁₉₄, 2, 1, 0; 2000 JQ₇₁, 2, 1, 0; 2000 OY₅₁, 2, 1, 0; 2000 SZ₃₇₀, 2, 1, 0; 2000 SA₃₇₁, 2, 1, 0; 2001 DS₇₀, 2, 1, 0; 2001 FK₁₈₉, 2, 1, 0; 2001 FN₁₈₉, 2, 1, 0; 2001 FW₁₈₉, 2, 1, 0; 2001 FA₁₉₀, 2, 1, 0; 2001 FB₁₉₀, 2, 1, 0; 2001 FC₁₉₀, 2, 1, 0; 2001 FN₁₉₀, 2, 1, 0; 2001 FO₁₉₀, 2, 1, 0; 2001 FP₁₉₀, 2, 1, 0; 2001 FL₁₉₁, 2, 1, 0; 2001 FM₁₉₁, 2, 1, 0; 2001 FN₁₉₁, 2, 1, 0; 2001 FO₁₉₁, 2, 1, 0; 2001 FR₁₉₁, 2, 1, 0; 2001 FS₁₉₁, 2, 1, 0; 2001 FT₁₉₁, 2, 1, 0; 2001 FU₁₉₁, 2, 1, 0; 2001 FV₁₉₁, 2, 1, 0; 2001 FW₁₉₁, 2, 1, 0; 2001 FX₁₉₁, 2, 1, 0; 2001 FZ₁₉₁, 2, 1, 0; 2001 FA₁₉₂, 2, 1, 0; 2001 FB₁₉₂, 2, 1, 0; 2001 FC₁₉₂, 2, 1, 0; 2001 FD₁₉₂ *, 2, 1, 0; 2001 FE₁₉₂ *, 2, 1, 0; 2001 FF₁₉₂ *, 2, 1, 0; 2001 FS₁₉₂ *, 2, 1, 0; 2001 FT₁₉₂ *, 2, 1, 0; 2001 FU₁₉₂ *, 2, 1, 0; 2001 FV₁₉₂ *, 2, 1, 0; 2001 NB₂, 2, 1, 0; [82, 41, 7*, 2000/04/10-2001/05/29]

{2} 1997 WV₇, 6, 1, 0; [6, 1, 0*, 1995/04/12]

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, B. W. Koehn, M. E. Van Ness, T. R. Grimstad, R. A. Cash, J. W. Ashley

0.59-m LONEOS Schmidt + CCD

USNO-A1.0, USNO-A2.0

1950 DA, 4, 1, 0; 1955 RB₁, 8, 2, 19; 1975 SX₁, 4, 1, 0; 1975 XD, 4, 1, 0; 1978 NR, 4, 1, 0; 1978 TR₇, 4, 1, 0; 1978 UK₆, 4, 1, 0; 1978 UK₇, 4, 1, 0; 1978 VZ₅, 4, 1, 0; 1978 VG₉, 8, 2, 7; 1979 MW₂, 4, 1, 0; 1979 MQ₄, 4, 1, 0; 1979 MY₆, 4, 1, 0; 1979 MF₇, 4, 1, 0; 1979 MG₇, 4, 1, 0; 1979 OZ₁₀, 4, 1, 0; 1979 QX₂, 4, 1, 0; 1979 SD, 4, 1, 0; 1980 PY₂, 4, 1, 0; 1981 CH, 4, 1, 0; 1981 EX₃, 4, 1, 0; 1981 EP₄, 4, 1, 0; 1981 EQ₅, 4, 1, 0; 1981 EQ₈, 4, 1, 0; 1981 EG₁₀, 4, 1, 0; 1981 EQ₁₀, 4, 1, 0; 1981 EK₁₁, 4, 1, 0; 1981 EN₁₉, 4, 1, 0; 1981 ED₂₀, 4, 1, 0; 1981 EE₂₁, 4, 1, 0; 1981 EA₂₂, 4, 1, 0; 1981 EC₂₂, 4, 1, 0; 1981 EU₂₅, 4, 1, 0; 1981 EG₂₆, 4, 1, 0; 1981 EO₂₈, 4, 1, 0; 1981 EA₂₉, 4, 1, 0; 1981 EF₃₂, 4, 1, 0; 1981 EA₃₄, 4, 1, 0; 1981 EC₃₄, 4, 1, 0; 1981 EG₃₄, 4, 1, 0; 1981 EX₃₄, 4, 1, 0; 1981 EN₃₉, 4, 1, 0; 1981 EY₄₇, 4, 1, 0; 1982 SW₃, 4, 1, 0; 1984 SE₁, 3, 1, 0; 1984 YL₁, 4, 1, 0; 1985 CU₁, 4, 1, 0; 1985 RA₁, 4, 1, 0; 1985 RG₃, 4, 1, 0; 1986 QU₁, 4, 1, 0; 1986 QY₃, 4, 1, 0; 1987 RW, 4, 1, 0; 1987 WP, 4, 1, 0; 1988 CA₂, 4, 1, 0; 1988 CR₂, 4, 1, 0; 1988 CU₃, 4, 1, 0; 1988 CG₄, 4, 1, 0; 1988 CH₅, 4, 1, 0; 1988 CH₇, 4, 1, 0; 1988 FE, 4, 1, 0; 1988 RE₁, 4, 1, 0; 1989 CX₁, 4, 1, 0; 1989 CF₃, 4, 1, 0; 1989 CH₃, 4, 1, 0; 1989 GP₂, 4, 1, 0; 1989 SJ₁, 4, 1, 0; 1989 SP₁, 8, 2, 2; 1989 SS₁, 4, 1, 0; 1989 SF₂, 4, 1, 0; 1989 SV₅, 4, 1, 0; 1989 UA, 4, 1, 0; 1990 HQ₅, 4, 1, 0; 1990 OA₃, 3, 1, 0; 1990 OF₃, 4, 1, 0; 1990 QF₄, 4, 1, 0; 1990 QM₅, 4, 1, 0; 1990 QU₈, 4, 1, 0; 1990 QH₉, 4, 1, 0; 1990 RB₁, 4, 1, 0; 1990 RL₂, 4, 1, 0; 1990 RU₂, 4, 1, 0; 1990 RF₆, 12, 2, 5; 1990 RH₇, 4, 1, 0; 1990 RM₇, 4, 1, 0; 1990 RA₈, 4, 1, 0; 1990 RU₈, 4, 1, 0; 1990 RT₁₃, 4, 1, 0; 1990 SE₆, 4, 1, 0; 1990 ST₆, 4, 1, 0; 1990 SA₈, 4, 1, 0; 1990 SF₁₃, 4, 1, 0; 1990 TJ₄, 4, 1, 0; 1990 UY₃, 4, 1, 0; 1990 UN₄, 4, 1, 0; 1990 VM₁, 4, 1, 0; 1990 VK₂, 4, 1, 0; 1990 VO₆, 4, 1, 0; 1990 VV₁₁, 4, 1, 0; 1990 WS, 4, 1, 0; 1990 WB₇, 4, 1, 0; 1990 YK, 4, 1, 0; 1991 AQ₂, 4, 1, 0; 1991 CG₁, 4, 1, 0; 1991 CW₂, 4, 1, 0; 1991 FQ₂, 4, 1, 0; 1991 GO₄, 4, 1, 0; 1991 GS₁₀, 4, 1, 0; 1991 NT₃, 4, 1, 0; 1991 NM₆, 4, 1, 0; 1991 PQ₃, 4, 1, 0; 1991 PP₉, 4, 1, 0; 1991 PD₁₁, 4, 1, 0; 1991 PS₁₄, 4, 1, 0; 1991 RG₂, 4, 1,

0; 1991 RT₂, 8, 2, 482; 1991 RJ₄, 4, 1, 0; 1991 RC₅, 4, 1, 0; 1991 RE₆, 4, 1, 0; 1991 RB₇, 4, 1, 0; 1991 RV₇, 8, 2, 7; 1991 RY₁₅, 4, 1, 0; 1991 RP₁₈, 4, 1, 0; 1991 RS₂₀, 4, 1, 0; 1991 UE, 4, 1, 0; 1991 UA₃, 4, 1, 0; 1991 VB, 4, 1, 0; 1991 VD₆, 4, 1, 0; 1991 YB₁, 4, 1, 0; 1992 BJ, 4, 1, 0; 1992 BW₃, 4, 1, 0; 1992 BU₄, 4, 1, 0; 1992 CE₃, 4, 1, 0; 1992 DH₁, 4, 1, 0; 1992 DW₂, 4, 1, 0; 1992 DF₆, 4, 1, 0; 1992 DW₇, 4, 1, 0; 1992 EE₁, 4, 1, 0; 1992 EG₄, 4, 1, 0; 1992 EP₆, 4, 1, 0; 1992 EA₁₅, 4, 1, 0; 1992 EC₁₅, 4, 1, 0; 1992 ER₁₈, 4, 1, 0; 1992 EH₂₄, 4, 1, 0; 1992 EV₃₁, 12, 3, 18; 1992 GA₅, 4, 1, 0; 1992 OE, 4, 1, 0; 1992 OE₃, 4, 1, 0; 1992 OE₇, 4, 1, 0; 1992 RV, 4, 1, 0; 1992 SB₂, 4, 1, 0; 1992 SN₁₂, 4, 1, 0; 1992 UH₄, 4, 1, 0; 1993 BB, 4, 1, 0; 1993 BA₃, 4, 1, 0; 1993 BB₇, 8, 2, 2; 1993 BV₇, 4, 1, 0; 1993 DD₁, 4, 1, 0; 1993 DR₂, 4, 1, 0; 1993 FC₇, 8, 1, 0; 1993 FB₉, 4, 1, 0; 1993 FO₁₀, 4, 1, 0; 1993 FX₁₁, 4, 1, 0; 1993 FP₁₄, 4, 1, 0; 1993 FK₁₅, 4, 1, 0; 1993 FV₁₈, 4, 1, 0; 1993 FA₂₀, 4, 1, 0; 1993 FD₂₂, 4, 1, 0; 1993 FY₂₂, 4, 1, 0; 1993 FK₂₆, 4, 1, 0; 1993 FA₂₈, 4, 1, 0; 1993 FF₂₈, 4, 1, 0; 1993 FF₂₉, 4, 1, 0; 1993 FF₃₁, 4, 1, 0; 1993 FO₃₁, 4, 1, 0; 1993 FO₃₂, 4, 1, 0; 1993 FC₃₅, 4, 1, 0; 1993 FU₃₅, 4, 1, 0; 1993 FS₃₈, 4, 1, 0; 1993 FM₃₉, 4, 1, 0; 1993 FD₄₂, 4, 1, 0; 1993 FZ₄₃, 4, 1, 0; 1993 FG₅₀, 4, 1, 0; 1993 FF₅₄, 4, 1, 0; 1993 FT₅₆, 8, 2, 2; 1993 FX₅₆, 4, 1, 0; 1993 FF₈₄, 4, 1, 0; 1993 HS₁, 4, 1, 0; 1993 OV₄, 4, 1, 0; 1993 QU₄, 4, 1, 0; 1993 RR, 4, 1, 0; 1993 RH₅, 4, 1, 0; 1993 RF₆, 4, 1, 0; 1993 SS₄, 4, 1, 0; 1993 TH₂, 4, 1, 0; 1993 TS₁₀, 4, 1, 0; 1993 TV₁₅, 4, 1, 0; 1993 TO₁₇, 4, 1, 0; 1993 TD₁₈, 4, 1, 0; 1993 TF₁₈, 4, 1, 0; 1993 TG₂₇, 4, 1, 0; 1993 TO₃₆, 4, 1, 0; 1993 TF₃₇, 4, 1, 0; 1993 TJ₃₈, 4, 1, 0; 1993 UH₄, 4, 1, 0; 1993 VS₄, 4, 1, 0; 1993 VA₅, 4, 1, 0; 1994 AW, 4, 1, 0; 1994 AA₃, 4, 1, 0; 1994 BL₃, 4, 1, 0; 1994 BF₄, 4, 1, 0; 1994 CR, 4, 1, 0; 1994 DF, 4, 1, 0; 1994 EW, 4, 1, 0; 1994 GM₃, 4, 1, 0; 1994 HW, 4, 1, 0; 1994 PW₁₁, 9, 2, 17; 1994 PW₁₃, 8, 1, 0; 1994 PF₁₆, 4, 1, 0; 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1, 0; 1998 AX₇, 4, 1, 0; 1998 BM, 4, 1, 0; 1998 BF₁, 4, 1, 0; 1998 BW₁, 4, 1, 0; 1998 BX₇, 8, 2, 2; 1998 BA₉, 4, 1, 0; 1998 BF₁₁, 4, 1, 0; 1998 BU₁₅, 4, 1, 0; 1998 BV₂₄, 8, 2, 7; 1998 BA₄₄, 4, 1, 0; 1998 BE₄₄, 4, 1, 0; 1998 BA₄₆, 4, 1, 0; 1998 BD₄₆, 4, 1, 0; 1998 CJ₂, 4, 1, 0; 1998 CV₄, 3, 1, 0; 1998 DT₁, 4, 1, 0; 1998 DV₃, 4, 1, 0; 1998 DN₄, 4, 1, 0; 1998 DS₈, 4, 1, 0; 1998 DE₉, 4, 1, 0; 1998 DJ₉, 4, 1, 0; 1998 DW₉, 4, 1, 0; 1998 DZ₉, 8, 2, 35; 1998 DU₁₀, 4, 1, 0; 1998 DM₁₄, 4, 1, 0; 1998 DZ₂₃, 4, 1, 0; 1998 FD, 4, 1, 0; 1998 FT₁₃, 8, 2, 7; 1998 FG₁₆, 4, 1, 0; 1998 FZ₁₈, 4, 1, 0; 1998 FZ₂₆, 4, 1, 0; 1998 FQ₃₁, 4, 1, 0; 1998 FM₄₅, 4, 1, 0; 1998 FM₅₁, 4, 1, 0; 1998 FF₅₂, 4, 1, 0; 1998 FR₅₈, 4, 1, 0; 1998 FA₆₀, 4, 1, 0; 1998 FD₆₄, 4, 1, 0; 1998 FK₆₆, 4, 1, 0; 1998 FO₇₇, 8, 2, 7; 1998 FQ₈₇, 4, 1, 0; 1998 FH₉₇, 4, 1, 0; 1998 HB₁₄, 3, 1, 0; 1998 HQ₁₁₈, 4, 1, 0; 1998 HZ₁₁₉, 4, 1, 0; 1998 HP₁₃₄, 4, 1, 0; 1998 MO₈, 4, 1, 0; 1998 OB, 3, 1, 0; 1998 OM₁₂, 4, 1, 0; 1998 QP₂₁, 4, 1, 0; 1998 QN₅₁, 4, 1, 0; 1998 QO₆₂, 4, 1, 0; 1998 QK₆₃, 4, 1, 0; 1998 QG₇₂, 4, 1, 0; 1998 QO₉₁, 4, 1, 0; 1998 QO₉₈, 8, 2, 6; 1998 QH₁₀₁, 4, 1, 0; 1998 QL₁₀₃, 4, 1, 0; 1998 RV₃₇, 3, 1, 0; 1998 RO₅₅, 4, 1, 0; 1998 RH₆₇, 4, 1, 0; 1998 RP₇₁, 4, 1, 0; 1998 RC₇₂, 4, 1, 0; 1998 RB₇₆, 4, 1, 0; 1998 RD₇₇, 4, 1, 0; 1998 RO₇₇, 4, 1, 0; 1998 RR₇₇, 4, 1, 0; 1998 RU₇₇, 4, 1, 0; 1998 RV₇₇, 4, 1, 0; 1998 SV, 4, 1, 0; 1998 SB₂, 4, 1, 0; 1998 SC₄, 3, 1, 0; 1998 SG₄, 4, 1, 0; 1998 SA₂₂, 4, 1, 0; 1998 SL₂₂, 4, 1, 0; 1998 ST₂₄, 4, 1, 0; 1998 SC₂₅, 4, 1, 0; 1998 SJ₂₅, 4, 1, 0; 1998 SZ₂₅, 4, 1, 0; 1998 SG₃₀, 4, 1, 0; 1998 SR₃₅, 4, 1, 0; 1998 SB₄₃, 4, 1, 0; 1998 SD₄₃, 4, 1, 0; 1998 SP₄₅, 4, 1, 0; 1998 SO₅₀, 4, 1, 0; 1998 SS₅₆, 4, 1, 0; 1998 SD₆₃, 4, 1, 0; 1998 SL₆₄, 4, 1, 0; 1998 SO₆₇, 4, 1, 0; 1998 ST₆₇, 4, 1, 0; 1998 SF₇₁, 4, 1, 0; 1998 SQ₇₁, 4, 1, 0; 1998 SX₇₂, 4, 1, 0; 1998 SK₇₃, 4, 1, 0; 1998 SN₇₃, 4, 1, 0; 1998 SX₈₁, 4, 1, 0; 1998 SZ₈₄, 4, 1, 0; 1998 SY₈₅, 4, 1, 0; 1998 SG₁₀₅, 4, 1, 0; 1998 SH₁₀₅, 4, 1, 0; 1998 SR₁₀₇, 4, 1, 0; 1998 SK₁₀₈, 4, 1, 0; 1998 SF₁₀₉, 4, 1, 0; 1998 SQ₁₁₀, 4, 1, 0; 1998 SX₁₁₀, 4, 1, 0; 1998 SM₁₂₁, 4, 1, 0; 1998 SJ₁₂₄, 16, 4, 46; 1998 SL₁₂₄, 4, 1, 0; 1998 SP₁₃₀, 4, 1, 0; 1998 SC₁₃₂, 4, 1, 0; 1998 SO₁₃₃, 4, 1, 0; 1998 SR₁₃₄, 4, 1, 0; 1998 SP₁₃₅, 4, 1, 0; 1998 SV₁₃₇, 4, 1, 0; 1998 SY₁₄₁, 4, 1, 0; 1998 SK₁₄₄, 4, 1, 0; 1998 SR₁₄₄, 4, 1, 0; 1998 SL₁₄₇, 4, 1, 0; 1998 SC₁₅₅, 8, 2, 28; 1998 SS₁₅₆, 4, 1, 0; 1998 SO₁₆₁, 4, 1, 0; 1998 TE, 4, 1, 0; 1998 TU₃, 4, 1, 0; 1998 TH₄, 4, 1, 0; 1998 TF₅, 4, 1, 0; 1998 TV₁₂, 4, 1, 0; 1998 TX₁₂, 4, 1, 0; 1998 TJ₁₃, 4, 1, 0; 1998 TP₁₄, 4, 1, 0; 1998 TB₁₇, 4, 1, 0; 1998 TB₁₈, 8, 1, 0; 1998 TL₂₈, 4, 1, 0; 1998 TV₂₉, 4, 1, 0; 1998 TX₃₀, 4, 1, 0; 1998 TD₃₂, 4, 1, 0; 1998 TF₃₃, 4, 1, 0; 1998 TE₃₄, 4, 1, 0; 1998 TL₃₄, 4, 1, 0; 1998 UM₄, 4, 1, 0; 1998 UE₁₉, 4, 1, 0; 1998 UP₂₀, 4, 1, 0; 1998 UU₂₀, 4, 1, 0; 1998 UR₂₃, 4, 1, 0; 1998 UT₂₃, 4, 1, 0; 1998 UU₂₃, 3, 1, 0; 1998 UK₂₇, 3, 1, 0; 1998 UY₂₉, 4, 1, 0; 1998 UO₃₆, 4, 1, 0; 1998 UB₄₀, 4, 1, 0; 1998 UO₄₀, 4, 1, 0; 1998 UR₄₄, 4, 1, 0; 1998 VJ₄, 4, 1, 0; 1998 VZ₅, 4, 1, 0; 1998 VH₉, 4, 1, 0; 1998 VN₁₁, 4, 1, 0; 1998 VT₁₃, 4, 1, 0; 1998 VD₁₄, 4, 1, 0; 1998 VG₁₄, 4, 1, 0; 1998 VV₁₄, 4, 1, 0; 1998 VP₁₅, 4, 1, 0; 1998 VU₂₁, 4, 1, 0; 1998 VK₂₂, 3, 1, 0; 1998 VO₂₂, 8, 2, 2; 1998 VX₂₃, 4, 1, 0; 1998 VC₂₅, 4, 1, 0; 1998 VJ₂₅, 4, 1, 0; 1998 VQ₂₅, 4, 1, 0; 1998 VY₂₅, 4, 1, 0; 1998 VA₂₆, 4, 1, 0; 1998 VX₂₈, 8, 2, 440; 1998 VW₃₀, 4, 1, 0; 1998 VJ₃₁, 4, 1, 0; 1998 VK₃₁, 4, 1, 0; 1998 VG₃₂, 4, 1, 0; 1998 VR₃₂, 3, 1, 0; 1998 VH₃₃, 4, 1, 0; 1998 VX₃₇, 4, 1, 0; 1998 VY₄₇, 4, 1, 0; 1998 WY, 4, 1, 0; 1998 WL₃, 4, 1, 0; 1998 WR₁, 4, 1, 0; 1998 WN₂, 4, 1, 0; 1998 WM₃, 4, 1, 0; 1998 WM₅, 4, 1, 0; 1998 WX₅, 8, 2, 7; 1998 WY₆, 4, 1, 0; 1998 WS₉, 4, 1, 0; 1998 WW₉, 8, 2, 469; 1998 WB₁₀, 4, 1, 0; 1998 WR₁₃, 3, 1, 0; 1998 WZ₁₄, 4, 1, 0; 1998 WH₁₆, 4, 1, 0; 1998 WM₁₆, 4, 1, 0; 1998 WN₁₈, 4, 1, 0; 1998 WK₁₉, 4, 1, 0; 1998 WK₂₃, 4, 1, 0; 1998 WC₃₁, 4, 1, 0; 1998 WR₃₁, 4, 1, 0; 1998 WF₃₂, 4, 1, 0; 1998 XG, 4, 1, 0; 1998 XO, 4, 1, 0; 1998 XR₂, 4, 1, 0; 1998 XS₄, 4, 1, 0; 1998 XW₄, 4, 1, 0; 1998 XY₅, 4, 1, 0; 1998 XH₉, 4, 1, 0; 1998 XH₁₂, 4, 1, 0; 1998 XZ₁₂, 4, 1, 0; 1998 XN₁₃, 4, 1, 0; 1998 XV₁₅, 4, 1, 0; 1998 XW₁₅, 8, 2, 27; 1

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(26917), 4, 1, 0; (26918), 4, 1, 0; (26919), 4, 1, 0; (26928), 4, 1, 0; (26938), 4, 1, 0; (26941), 4, 1, 0; (26942), 4, 1, 0; (26944), 4, 1, 0; (26954), 4, 1, 0; (26963), 4, 1, 0; (26966), 4, 1, 0; (26968), 4, 1, 0; (26969), 4, 1, 0; (26972), 4, 1, 0; (26973), 8, 2, 1; (26974), 4, 1, 0; (26977), 4, 1, 0; (26978), 4, 1, 0; (26979), 4, 1, 0; (26980), 4, 1, 0; (26981), 4, 1, 0; (26983), 4, 1, 0; (26991), 8, 2, 2; (26996), 4, 1, 0; (27000), 4, 1, 0; (27001), 4, 1, 0; (27028), 4, 1, 0; (27042), 4, 1, 0; (27046), 4, 1, 0; (27054), 3, 1, 0; (27058), 4, 1, 0; (27059), 4, 1, 0; (27061), 4, 1, 0; (27063), 4, 1, 0; (27064), 4, 1, 0; (27065), 8, 2, 517; (27066), 4, 1, 0; (27075), 4, 1, 0; (27076), 4, 1, 0; (27080), 4, 1, 0; (27081), 4, 1, 0; (27083), 4, 1, 0; (27090), 4, 1, 0; (27097), 4, 1, 0; (27102), 4, 1, 0; (27106), 4, 1, 0; (27108), 4, 1, 0; (27111), 4, 1, 0; (27121), 4, 1, 0; (27123), 4, 1, 0; (27125), 4, 1, 0; (27127), 4, 1, 0; (27133), 4, 1, 0; (27139), 4, 1, 0; (27141), 4, 1, 0; (27148), 4, 1, 0; (27156), 4, 1, 0; (27162), 4, 1, 0; (27163), 4, 1, 0; (27164), 4, 1, 0; (27167), 4, 1, 0; (27168), 4, 1, 0; (27170), 4, 1, 0; (27176), 4, 1, 0; (27179), 4, 1, 0; (27186), 4, 1, 0; (27188), 4, 1, 0; (27196), 4, 1, 0; (27199), 4, 1, 0; (27200), 4, 1, 0; (27201), 4, 1, 0; (27202), 4, 1, 0; (27203), 4, 1, 0; (27207), 4, 1, 0; (27209), 4, 1, 0; (27210), 4, 1, 0; (27211), 4, 1, 0; (27212), 4, 1, 0; (27214), 4, 1, 0; (27218), 4, 1, 0; (27219), 4, 1, 0; (27220), 4, 1, 0; (27221), 4, 1, 0; (27222), 4, 1, 0; (27223), 4, 1, 0; (27252), 4, 1, 0; (27284), 4, 1, 0; (27285), 4, 1, 0; (27290), 4, 1, 0; (27291), 4, 1, 0; (27292), 4, 1, 0; (27296), 4, 1, 0; (27310), 4, 1, 0; (27319), 4, 1, 0; (27320), 4, 1, 0; (27326), 4, 1, 0; (27327), 4, 1, 0; (27329), 4, 1, 0; (27331), 4, 1, 0; (27332), 4, 1, 0; (27336), 4, 1, 0; (27338), 4, 1, 0; (27343), 4, 1, 0; (27344), 4, 1, 0; (27347), 4, 1, 0; (27350), 4, 1, 0; (27353), 4, 1, 0; (27354), 4, 1, 0; (27363), 4, 1, 0; (27373), 4, 1, 0; (27376), 4, 1, 0; (27380), 4, 1, 0; (27386), 4, 1, 0; (27387), 4, 1, 0; (27391), 4, 1, 0; (27393), 4, 1, 0; (27395), 4, 1, 0; (27399), 4, 1, 0; (27400), 4, 1, 0; (27411), 4, 1, 0; (27416), 4, 1, 0; (27417), 4, 1, 0; (27419), 4, 1, 0; (27429), 4, 1, 0; (27437), 4, 1, 0; (27440), 4, 1, 0; (27451), 4, 1, 0; (27465), 4, 1, 0; (27468), 4, 1, 0; (27470), 4, 1, 0; (27473), 4, 1, 0; (27477), 4, 1, 0; (27489), 4, 1, 0; (27503), 4, 1, 0; (27517), 4, 1, 0; (27524), 4, 1, 0; (27526), 4, 1, 0; (27527), 4, 1, 0; (27529), 4, 1, 0; (27536), 4, 1, 0; (27539), 4, 1, 0; (27540), 4, 1, 0; (27542), 4, 1, 0; (27544), 4, 1, 0; (27545), 4, 1, 0; (27549), 4, 1, 0; (27557), 4, 1, 0; (27560), 8, 2, 1; (27562), 4, 1, 0; (27564), 4, 1, 0; (27566), 4, 1, 0; (27623), 4, 1, 0; (27631), 4, 1, 0; (27634), 4, 1, 0; (27637), 4, 1, 0; (27638), 4, 1, 0; (27647), 4, 1, 0; (27651), 4, 1, 0; [29495, 6588, 222*, 1998/01/08-2001/08/28]

701 Junk Bond Observatory, Sierra Vista

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[76443.1440@compuserve.com]

0.40-m $f/5$ Schmidt-Cassegrain + CCD

GSC-ACT

2001 FN₁₉₁ *, 3, 1, 0; [3, 1, 1*, 2001/03/20]

703 Catalina Sky Survey

C. W. Hergenrother, Space Sciences Building, University of Arizona, Tucson, AZ

85721, U.S.A. [chergen@pirl.lpl.arizona.edu]

Observers C. W. Hergenrother, T. B. Spahr, J. W. Brownlee

0.41-m $f/3$ Schmidt + CCD

USNO-SA2.0, USNO-SA1.0

1981 EY₄₇, 4, 1, 0; 1996 HG₃, 4, 1, 0; 1999 GG₄₄, 4, 1, 0; 1999 TT₂₂₀, 4, 1, 0; 2000 AY₉, 4, 1, 0; 2000 AL₉₆, 8, 2, 35; 2000 CN₅, 3, 1, 0; 2000 EG₉₈, 3, 1, 0; 2000 JF₁₉, 3, 1, 0; 2001 CH₂₀, 4, 1, 0; 2001 CE₄₂, 4, 1, 0; 2001 DL₁₀₁, 4, 1, 0; 2001 FH₂, 4, 1, 0; 2001 FX₄₃, 4, 1, 0; 2001 FL₁₁₇, 3, 1, 0; 2001 FT₁₁₉, 4, 1, 0; 2001 FQ₁₅₆, 4, 1, 0; 2001 HK₃₄, 4, 1, 0; 2001 KY₈, 4, 1, 0; 2001 KF₆₅, 2, 1, 0; 2001 NZ₅, 8, 2, 93; 2001 NO₆, 3, 1, 0; 2001 OF₃, 4, 1, 0; 2001 OK₁₂, 4, 1, 0; 2001 OE₂₄, 4, 1, 0; 2001 OK₃₄, 4, 1, 0; 2001 OH₆₃, 4, 1, 0; 2001 OG₇₃, 4, 1, 0; [113, 28, 0*, 1998/09/16-2000/03/12]

704 Lincoln Laboratory Experimental Test System, 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, M. Elowitz, R. Huber, L. Manguso,

S. Adams

Measurers J. Stuart, H. Viggh, R. Sayer, J. B. Evans, P. Hopman

1.0-m $f/2.15$ reflector + CCD

USNO-A2.0

1950 DA, 15, 3, 9; 1955 RB₁, 3, 1, 0; 1968 OK, 5, 1, 0; 1968 OD₁, 13, 3, 8; 1972 RE, 3, 1, 0; 1972 TR₈, 5, 1, 0; 1974 OU₁, 28, 5, 9; 1974 PC, 12, 3, 7; 1975 SR, 13, 3, 8; 1975 UY, 5, 1, 0; 1978 NN, 8, 2, 343; 1978 NR, 5, 1, 0; 1978 RK, 10, 2, 3; 1978 RV, 18, 4, 9; 1978 SC₅, 18, 3, 4; 1978 SO₇, 12, 3, 5; 1978 TR₇, 5, 1, 0; 1978 UK₆, 10, 2, 3; 1978 UK₇, 9, 2, 6; 1978 VP₄, 3, 1, 0; 1978 VX₅, 5, 1, 0; 1978 VU₆, 9, 2, 2; 1978 VG₉, 8, 2, 1; 1979 KJ, 3, 1, 0; 1979 MQ₁, 10, 2, 6; 1979 MW₂, 5, 1, 0; 1979 MF₃, 5, 1, 0; 1979 MG₃, 8, 2, 8; 1979 ME₄, 5, 1, 0; 1979 MQ₄, 10, 2,

4; 1979 MY₆, 7, 2, 8; 1979 MG₇, 3, 1, 0; 1979 OZ₁₀, 4, 1, 0; 1979 SD, 15, 3, 9; 1980 PY₂, 10, 2, 6; 1980 UN₁, 3, 1, 0; 1980 UR₁, 4, 1, 0; 1981 CH, 5, 1, 0; 1981 DD₃, 3, 1, 0; 1981 EH₃, 4, 1, 0; 1981 EV₃, 5, 1, 0; 1981 EX₃, 10, 2, 1; 1981 EP₄, 3, 1, 0; 1981 EA₅, 9, 2, 5; 1981 EQ₅, 3, 1, 0; 1981 EQ₈, 9, 2, 6; 1981 EG₁₀, 9, 2, 4; 1981 EL₁₀, 5, 1, 0; 1981 EQ₁₀, 4, 1, 0; 1981 ED₁₁, 8, 2, 7; 1981 EK₁₁, 10, 2, 6; 1981 EC₁₂, 4, 1, 0; 1981 EN₁₄, 3, 1, 0; 1981 EE₁₆, 3, 1, 0; 1981 EQ₁₆, 7, 2, 7; 1981 EC₁₇, 3, 1, 0; 1981 ED₂₀, 15, 3, 9; 1981 EG₂₀, 4, 1, 0; 1981 EX₂₀, 4, 1, 0; 1981 EE₂₁, 8, 2, 3; 1981 ES₂₁, 11, 3, 7; 1981 EA₂₂, 4, 1, 0; 1981 EC₂₂, 8, 2, 3; 1981 EY₂₂, 4, 1, 0; 1981 EM₂₃, 8, 2, 2; 1981 EX₂₃, 21, 4, 3; 1981 EO₂₅, 10, 2, 8; 1981 EU₂₅, 4, 1, 0; 1981 EG₂₆, 4, 1, 0; 1981 EL₂₇, 12, 3, 8; 1981 EA₂₉, 8, 2, 5; 1981 EJ₃₁, 6, 2, 8; 1981 EP₃₁, 8, 2, 8; 1981 EF₃₂, 8, 2, 5; 1981 EC₃₃, 6, 2, 8; 1981 EZ₃₃, 3, 1, 0; 1981 EA₃₄, 4, 1, 0; 1981 EB₃₄, 3, 1, 0; 1981 EC₃₄, 22, 3, 3; 1981 EE₃₄, 9, 2, 5; 1981 EX₃₄, 8, 2, 8; 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1988 SM, 12, 3, 2; 1988 SY₂, 8, 2, 21; 1988 SA₃, 3, 1, 0; 1988 VT₄, 5, 1, 0; 1988 VR₇, 10, 2, 6; 1989 AA, 5, 1, 0; 1989 BR, 5, 1, 0; 1989 CH, 5, 1, 0; 1989 CR₁, 9, 2, 3; 1989 CX₁, 3, 1, 0; 1989 CF₃, 10, 2, 5; 1989 CH₅, 5, 1, 0; 1989 GP₂, 5, 1, 0; 1989 GR₃, 5, 1, 0; 1989 SJ₁, 20, 4, 9; 1989 SP₁, 17, 4, 9; 1989 SS₁, 20, 4, 9; 1989 SF₂, 5, 1, 0; 1989 SR₃, 17, 4, 9; 1989 SE₅, 5, 1, 0; 1989 SV₅, 9, 3, 3; 1989 SZ₁₃, 7, 2, 26; 1989 SF₁₄, 5, 1, 0; 1989 SG₁₄, 15, 3, 8; 1989 TV, 4, 1, 0; 1989 UK₁, 5, 1, 0; 1989 UO₂, 4, 1, 0; 1989 UP₃, 4, 1, 0; 1989 WC₂, 12, 3, 4; 1990 BA₁, 5, 1, 0; 1990 OC₁, 8, 2, 17; 1990 OB₂, 5, 1, 0; 1990 OF₃, 10, 2, 5; 1990 QA₁, 7, 2, 6; 1990 QF₄, 18, 4, 9; 1990 QL₄, 5, 1, 0; 1990 QP₄, 25, 4, 8; 1990 QM₅, 3, 1, 0; 1990 QW₅, 20, 4, 75; 1990 QJ₆, 3, 1, 0; 1990 QM₇, 16, 4, 8; 1990 QD₈, 4, 1, 0; 1990 QR₈, 4, 1, 0; 1990 QU₈, 8, 2, 8; 1990 QH₉, 13, 3, 8; 1990 QK₉, 4, 1, 0; 1990 QU₉, 20, 4, 9; 1990 QC₁₀, 3, 1, 0; 1990 QJ₁₀, 3, 1, 0; 1990 RB₁, 5, 1, 0; 1990 RH₂, 3, 1, 0; 1990 RL₂, 4, 1, 0; 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1991 FQ₂, 5, 1, 0; 1991 FX₂, 11, 3, 8; 1991 GO₄, 4, 1, 0; 1991 GU₆, 3, 1, 0; 1991 GM₇, 3, 1, 0; 1991 GH₈, 8, 2, 8; 1991 GL₈, 12, 3, 8; 1991 GB₁₁, 3, 1, 0; 1991 LM₃, 5, 1, 0; 1991 NJ₁, 15, 3, 9; 1991 NM₆, 3, 1, 0; 1991 PF₅, 14, 3, 8; 1991 PP₉, 13, 3, 3; 1991 PX₁₀, 12, 3, 8; 1991 PD₁₁, 11, 3, 9; 1991 PS₁₄, 19, 4, 9; 1991 PO₁₈, 15, 3, 9; 1991 RG₂, 18, 4, 1012; 1991 RT₂, 21, 5, 1007; 1991 RJ₄, 5, 1, 0; 1991 RC₅, 18, 4, 9; 1991 RE₆, 5, 1, 0; 1991 RB₇, 28, 4, 9; 1991 RV₇, 3, 1, 0; 1991 RB₁₂, 19, 2, 4; 1991 RL₁₃, 8, 2, 2; 1991 RZ₁₄, 12, 3, 6; 1991 RD₁₆, 13, 3, 8; 1991 RP₁₈, 18, 4, 8; 1991 RS₂₀, 20, 4, 9; 1991 RN₂₂, 14, 2, 6; 1991 RV₄₀, 4, 1, 0; 1991 TO, 20, 4, 9; 1991 TP, 13, 3, 8; 1991 TL₆, 3, 1, 0; 1991 TD₇, 8, 2, 448; 1991 UE, 12, 3, 8; 1991 UZ₁, 7, 2, 5; 1991 UA₃, 5, 1, 0; 1991 VF₁, 9, 2, 2; 1991 VY₂, 18, 3, 8; 1991 VN₈, 9, 2, 8; 1991 VH₉, 3, 1, 0; 1991 VV₁₂, 3, 1, 0; 1991 XJ₁, 5, 1, 0; 1991 YB₁, 14, 3, 8; 1991 YN₁, 12, 3, 8; 1992 BJ, 16, 4, 8; 1992 BW₃, 5, 1, 0; 1992 BU₄, 8, 2, 5; 1992 CA₃, 9, 2, 8; 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1993 BB₇, 18, 4, 9; 1993 BV₇, 7, 2, 4; 1993 CB₁, 18, 4, 9; 1993 DN, 3, 1, 0; 1993 DD₁, 14, 3, 6; 1993 DR₂, 17, 3, 7; 1993 DU₂, 7, 2, 8; 1993 FC₆, 7, 2, 9; 1993 FO₇, 5, 1, 0; 1993 FB₉, 4, 1, 0; 1993 FO₁₀, 8, 2, 5; 1993 FG₁₂, 5, 1, 0; 1993 FH₁₂, 3, 1, 0; 1993 FO₁₂, 18, 4, 9; 1993 FS₁₃, 3, 1, 0; 1993 FP₁₄, 4, 1, 0; 1993 FE

0; 1993 FY₃₀, 10, 2, 5; 1993 FF₃₁, 14, 3, 9; 1993 FO₃₁, 4, 1, 0; 1993 FO₃₂, 3, 1, 0; 1993 FK₃₃, 3, 1, 0; 1993 FP₃₄, 4, 1, 0; 1993 FU₃₅, 10, 2, 3; 1993 FD₃₆, 20, 4, 9; 1993 FJ₃₈, 4, 1, 0; 1993 FS₃₈, 18, 4, 9; 1993 FM₃₉, 9, 2, 6; 1993 FJ₄₀, 17, 4, 8; 1993 FD₄₂, 13, 3, 8; 1993 FZ₄₃, 7, 2, 6; 1993 FC₄₅, 12, 3, 506; 1993 FD₄₉, 14, 3, 60; 1993 FF₄₉, 11, 3, 8; 1993 FG₅₀, 9, 2, 3; 1993 FJ₅₁, 5, 1, 0; 1993 FA₅₃, 3, 1, 0; 1993 FF₅₄, 4, 1, 0; 1993 FT₅₆, 15, 3, 9; 1993 FX₅₆, 7, 2, 3; 1993 FJ₆₀, 4, 1, 0; 1993 FM₆₂, 10, 3, 9; 1993 FK₇₄, 4, 1, 0; 1993 FF₈₄, 19, 5, 983; 1993 GN₁, 3, 1, 0; 1993 HS₁, 5, 1, 0; 1993 LG₁, 19, 3, 2; 1993 OC₂, 5, 1, 0; 1993 OZ₃, 7, 2, 8; 1993 OA₇, 12, 3, 7; 1993 OJ₈, 4, 1, 0; 1993 OH₉, 3, 1, 0; 1993 OS₉, 6, 2, 3; 1993 OB₁₀, 4, 1, 0; 1993 OV₁₀, 8, 2, 3; 1993 OC₁₃, 3, 1, 0; 1993 PS₃, 14, 4, 7; 1993 QU₄, 22, 4, 4; 1993 QP₅, 15, 3, 8; 1993 RR₁₂, 3, 3; 1993 RC₂, 5, 1, 0; 1993 RD₂, 3, 1, 0; 1993 RW₃, 14, 4, 24; 1993 RG₅, 10, 2, 3; 1993 RH₅, 7, 2, 8; 1993 RF₆, 3, 1, 0; 1993 RS₆, 5, 1, 0; 1993 RO₇, 3, 1, 0; 1993 RT₇, 8, 2, 2; 1993 RU₇, 8, 2, 6; 1993 SA₁, 5, 1, 0; 1993 SS₁₄, 18, 4, 4; 1993 SA₁₄, 4, 1, 0; 1993 SS₁₅, 5, 1, 0; 1993 TD₁, 5, 1, 0; 1993 TW₁, 5, 1, 0; 1993 TH₂, 15, 3, 9; 1993 TV₁₀, 4, 1, 0; 1993 TV₁₅, 17, 4, 9; 1993 TO₁₇, 12, 3, 9; 1993 TF₁₈, 9, 2, 6; 1993 TV₂₃, 10, 3, 8; 1993 TH₂₄, 4, 1, 0; 1993 TG₂₇, 17, 4, 8; 1993 TQ₃₁, 25, 5, 9; 1993 TN₃₂, 6, 2, 8; 1993 TL₃₃, 4, 1, 0; 1993 TD₃₄, 3, 1, 0; 1993 TY₃₄, 9, 2, 9; 1993 TO₃₆, 14, 3, 8; 1993 TF₃₇, 13, 3, 4; 1993 TN₃₇, 12, 3, 8; 1993 TJ₃₈, 14, 3, 9; 1993 TB₃₉, 20, 4, 9; 1993 UG₁, 8, 2, 8; 1993 UZ₆, 3, 1, 0; 1993 UC₈, 8, 2, 4; 1993 UD₈, 19, 4, 3; 1993 UW₈, 4, 1, 0; 1993 VS₇, 2, 2; 1993 VF₁, 6, 2, 1; 1993 VP₃, 16, 4, 8; 1993 VA₅, 9, 2, 1; 1993 WQ₁₆, 13, 3, 8; 1993 XJ₁, 4, 1, 0; 1994 AW₁₂, 3, 6; 1994 AY₂, 8, 2, 8; 1994 AA₃, 18, 4, 1355; 1994 AF₅, 5, 1, 0; 1994 AP₅, 4, 1, 0; 1994 BL₃, 8, 2, 3; 1994 BQ₃, 5, 1, 0; 1994 BF₄, 13, 3, 9; 1994 BL₄, 12, 3, 8; 1994 BM₄, 9, 2, 5; 1994 CS₉, 7, 2, 3; 1994 EN₃, 1, 0; 1994 EW₁₂, 3, 8; 1994 EV₅, 12, 3, 4; 1994 ED₇, 12, 3, 8; 1994 GM₃, 17, 4, 8; 1994 HW₅, 1, 0; 1994 JD₂, 3, 1, 0; 1994 LU₈, 20, 4, 26; 1994 PD₁, 13, 3, 8; 1994 PB₄, 14, 3, 4; 1994 PV₄, 9, 2, 3; 1994 PH₅, 14, 4, 8; 1994 PR₉, 7, 2, 8; 1994 PY₉, 23, 4, 4; 1994 PP₁₀, 11, 3, 8; 1994 PW₁₁, 5, 1, 0; 1994 PT₁₂, 5, 1, 0; 1994 PD₁₃, 14, 3, 8; 1994 PW₁₃, 22, 5, 8; 1994 PH₁₄, 12, 3, 8; 1994 PS₁₄, 4, 1, 0; 1994 PF₁₆, 9, 2, 3; 1994 PL₁₆, 5, 1, 0; 1994 PQ₁₆, 10, 2, 2; 1994 PS₁₆, 7, 2, 6; 1994 PU₁₆, 10, 2, 3; 1994 PN₁₉, 8, 2, 8; 1994 PH₂₀, 4, 1, 0; 1994 PU₂₀, 4, 1, 0; 1994 PX₂₀, 9, 2, 3; 1994 PK₂₁, 14, 3, 3; 1994 PA₂₂, 3, 1, 0; 1994 PM₂₅, 5, 1, 0; 1994 PC₂₆, 14, 3, 8; 1994 PM₂₆, 4, 1, 0; 1994 PJ₂₈, 9, 2, 3; 1994 PV₂₉, 9, 2, 4; 1994 PB₃₁, 5, 1, 0; 1994 PC₃₁, 8, 2, 7; 1994 PM₃₁, 13, 3, 3; 1994 PF₃₃, 8, 2, 6; 1994 PS₃₆, 12, 3, 7; 1994 PO₃₇, 8, 2, 968; 1994 PU₃₈, 15, 3, 3; 1994 PN₃₉, 7, 2, 8; 1994 QD₁₃, 3, 8; 1994 QJ₃, 1, 0; 1994 RM₃, 10, 2, 8; 1994 TC₄, 1, 0; 1994 TG₁, 8, 2, 2; 1994 TP₅, 4, 1, 0; 1994 TE₁₂, 20, 4, 9; 1994 TJ₁₆, 14, 3, 9; 1994 TN₁₆, 8, 2, 6; 1994 TT₁₆, 20, 4, 9; 1994 UK₁₅, 3, 9; 1994 UR₅, 1, 0; 1994 UT₆, 6, 2, 8; 1994 UZ₁₆, 16, 4, 5; 1994 UU₁, 9, 2, 6; 1994 UD₂, 5, 1, 0; 1994 UV₂, 17, 3, 8; 1994 UC₈, 8, 2, 2; 1994 VE₂, 8, 2, 3; 1994 VG₂, 10, 2, 3; 1994 VQ₂, 18, 4, 9; 1994 WN₅, 1, 0; 1994 WQ₈, 9, 2, 5; 1994 WV₉, 9, 2, 6; 1994 XL₃, 1, 0; 1994 XA₁₁, 13, 3, 8; 1994 XB₅, 3, 1, 0; 1994 YS₈, 2, 3; 1994 YG₁, 5, 1, 0; 1994 YP₁, 17, 4, 8; 1994 YU₂, 5, 1, 0; 1995 AK₃, 1, 0; 1995 AV₂, 4, 1, 0; 1995 BF₇, 6, 2, 3; 1995 BZ₁₄, 3, 3; 1995 BC₁, 9, 2, 2; 1995 BV₁, 9, 2, 2; 1995 BZ₁, 3, 1, 0; 1995 BB₂, 6, 2, 5; 1995 BV₂, 14, 3, 8; 1995 BA₄, 8, 2, 6; 1995 BL₄, 14, 3, 8; 1995 BJ₅, 18, 4, 9; 1995 CV₃, 1, 0; 1995 CF₁, 7, 2, 1; 1995 CR₁, 4, 1, 0; 1995 CZ₁, 27, 6, 599; 1995 CK₁₀, 18, 4, 536; 1995 DJ₄, 1, 0; 1995 DP₁₁, 10, 2, 33; 1995 DS₁, 6, 2, 4; 1995 DE₅, 3, 1, 0; 1995 DZ₅, 3, 1, 0; 1995 DR₆, 5, 1, 0; 1995 DE₈, 4, 1, 0; 1995 DF₈, 3, 1, 0; 1995 ES₆, 3, 1, 0; 1995 EA₉, 9, 2, 8; 1995 FQ₅, 1, 0; 1995 FH₁, 5, 1, 0; 1995 FQ₄, 5, 1, 0; 1995 FZ₆, 6, 2, 9; 1995 FR₇, 3, 1, 0; 1995 FE₁₅, 10, 3, 4; 1995 GA₄, 4, 1, 0; 1995 GS₅, 3, 1, 0; 1995 GP₇, 5, 1, 0; 1995 HP₂, 9, 2, 1327; 1995 KV₈, 2, 460; 1995 KF₄, 12, 3, 22; 1995 MY₁, 5, 1, 0; 1995 MC₃, 4, 1, 0; 1995 MN₅, 4, 1, 0; 1995 NH₄, 1, 0; 1995 OR₁, 3, 1, 0; 1995 OV₈, 3, 1, 0; 1995 ON₁₂, 5, 1, 0; 1995 QX₃, 1, 0; 1995 QX₁₄, 16, 4, 1029; 1995 SC₈, 9, 2, 35; 1995 SR₉, 3, 1, 0; 1995 SX₂₃, 4, 1, 0; 1995 SM₂₄, 4, 1, 0; 1995 SV₂₉, 12, 3, 595; 1995 SY₂₉, 22, 5, 10; 1995 SU₃₂, 11, 2, 8; 1995 SY₆₈, 13, 3, 7; 1995 UM₅, 5, 1, 0; 1995 UE₃₁, 4, 1, 0; 1995 UO₅₂, 4, 1, 0; 1995 UR₅₃, 11, 3, 6; 1995 UB₆₃, 4, 1, 0; 1995 UM₇₂, 4, 1, 0; 1995 UN₇₄, 4, 1, 0; 1995 VW₅, 1, 0; 1995 VL₁₅, 10, 2, 3; 1995 VF₁₈, 7, 2, 8; 1995 WU₇, 12, 3, 9; 1995 WM₃₁, 9, 2, 6; 1995 YS₁₂, 14, 3, 8; 1996 AM₆, 6, 2, 2; 1996 AY₇, 3, 1, 0; 1996 AK₁₀, 4, 1, 0; 1996 AZ₁₀, 3, 1, 0; 1996 AD₁₄, 12, 3, 9; 1996 BK₃, 1, 0; 1996 BT₁, 3, 1, 0; 1996 BL₃, 11, 3, 3; 1996 BD₄, 5, 1, 0; 1996 BM₄, 19, 4, 9; 1996 BX₄, 12, 3, 9; 1996 BQ₅, 3, 1, 0; 1996 BC₈, 7, 2, 3; 1996 BR₁₄, 8, 2, 2; 1996 CY₃, 1, 0; 1996 CE₁₁, 13, 3, 9; 1996 CZ₂, 7, 2, 2; 1996 CW₈, 4, 1, 0; 1996 DG₃, 1, 0; 1996 DW₅, 1, 0; 1996 DC₁, 8, 2, 8; 1996 DJ₂, 3, 1, 0; 1996 DR₂, 7, 2, 1; 1996 DS₆, 8, 2, 5; 1996 EQ₁₂, 3, 8; 1996 EC₁, 10, 2, 3; 1996 EJ₁, 13, 3, 9; 1996 EM₁, 12, 3, 9; 1996 EZ₁, 18, 4, 8; 1996 ED₂, 3, 1, 0; 1996 EH₂, 5, 1, 0; 1996 EZ₄, 4, 1, 0; 1996 EB₅, 22, 4, 4; 1996 EH₁₀, 12, 3, 8; 1996 EP₁₀, 8, 2, 8; 1996 EO₁₂, 5, 1, 0; 1996 ER₁₂, 9, 2, 8; 1996 EN₁₅, 3, 1, 0; 1996 EX₁₅, 8, 2, 3; 1996 FM₁, 3, 1, 0; 1996 FK₂, 12, 3, 2; 1996 FM₂, 3, 1, 0; 1996 FD₄, 7, 2, 3; 1996 FQ₄, 7, 2, 2; 1996 FV₄, 18, 4, 9; 1996 FG₁₆, 3, 1, 0; 1996 FX₂₁, 3, 1, 0; 1996 GU₁, 9, 2, 2; 1996 GP₂, 4, 1, 0; 1996 GG₅, 15, 3, 3; 1996 GK₅, 8, 2, 6; 1996 GN₁₇, 5, 1, 0; 1996 GR₁₇, 7, 2, 2; 1996 GU₁₇, 4, 1, 0; 1996 GV₁₈, 4, 1, 0; 1996 GV₁₈, 4, 1, 0; 1996 GO₁₉, 4, 1, 0; 1996 HP₄, 8, 2, 1; 1996 HT₆, 5, 1, 0; 1996 HX₁₂, 5, 1, 0; 1996 HO₁₃, 7, 2, 7; 1996 HO₁₄, 15, 3, 9; 1996 HR₁₅, 7, 2, 1; 1996 HM₁₆, 23, 4, 8; 1996 HO₂₃, 4, 1, 0; 1996 HE₂₅, 13, 3, 4; 1996 HG₂₅, 11, 2, 8; 1996 HK₂₅, 20, 4, 9; 1996 HG₂₆, 4, 1, 0; 1996 JQ₃, 1, 0; 1996 JC₆, 7, 2, 8; 1996 JD₆, 12, 3, 8; 1996 JE₁₆, 12, 3, 3; 1996 LK₃, 1, 0; 1996 LL₁₃, 3, 7; 1996 LZ₁₄, 3, 8; 1996 MB₉, 2, 8; 1996 NB₁₀, 2, 3; 1996 NF₄, 22, 5, 8; 1996 NP₄, 3, 1, 0; 1996 NR₅, 5, 1, 0; 1996 OS₂, 3, 1, 0; 1996 OV₂, 6, 2, 6; 1996 PC₁, 10, 2, 6; 1996 PO₁, 4, 1, 0; 1996 PM₉, 11, 3, 4; 1996 PT₉, 4, 1, 0; 1996 QF₁₈, 4, 9; 1996 QZ₂, 3, 1, 0; 1996 RM₁₄, 4, 8; 1996 RQ₆, 2, 7; 1996 RN₂, 3, 1,

0; 1996 RP₂, 7, 2, 3; 1996 RH₃, 14, 3, 8; 1996 RU₃, 3, 1, 0; 1996 RR₄, 18, 4, 8; 1996 RA₅, 10, 2, 4; 1996 RM₅, 3, 1, 0; 1996 RO₆, 8, 2, 8; 1996 RZ₁₅, 9, 2, 5; 1996 RE₂₆, 9, 2, 21; 1996 SQ₁₁, 3, 9; 1996 SV₄, 14, 4, 8; 1996 SK₆, 4, 1, 0; 1996 TE₄, 1, 0; 1996 TO₃, 13, 3, 8; 1996 TZ₇, 8, 2, 3; 1996 TP₈, 8, 2, 871; 1996 TZ₈, 4, 1, 0; 1996 TT₉, 4, 1, 0; 1996 TU₉, 3, 1, 0; 1996 TX₉, 9, 2, 6; 1996 TD₁₁, 17, 4, 8; 1996 TK₁₁, 8, 2, 6; 1996 TM₁₁, 3, 1, 0; 1996 TZ₁₁, 4, 1, 0; 1996 TA₁₄, 10, 2, 6; 1996 TC₁₄, 10, 2, 5; 1996 TJ₁₄, 7, 2, 3; 1996 TS₁₄, 26, 6, 10; 1996 TX₁₆, 18, 4, 476; 1996 TN₁₈, 4, 1, 0; 1996 TU₁₉, 13, 2, 3; 1996 TB₂₀, 9, 2, 8; 1996 TZ₂₀, 3, 1, 0; 1996 TL₃₂, 5, 1, 0; 1996 TS₃₂, 5, 1, 0; 1996 TE₄₀, 8, 2, 3; 1996 TC₄₁, 4, 1, 0; 1996 TN₄₁, 8, 2, 6; 1996 UF₁, 24, 4, 9; 1996 UU₁, 17, 4, 9; 1996 VX₁, 9, 2, 22; 1996 VU₂, 9, 2, 3; 1996 VJ₄, 5, 1, 0; 1996 VP₄, 3, 1, 0; 1996 VD₆, 7, 2, 6; 1996 VG₇, 9, 2, 6; 1996 VY₂₆, 18, 4, 8; 1996 VO₂₇, 12, 3, 8; 1996 WT₁, 13, 3, 8; 1996 WQ₂, 5, 1, 0; 1996 WJ₃, 4, 1, 0; 1996 XU₅, 4, 1, 0; 1996 XX₅, 9, 2, 4; 1996 WX₈, 10, 2, 5; 1996 XE₃₂, 4, 1, 0; 1996 XJ₃₂, 3, 1, 0; 1996 AW₂₀, 11, 3, 8; 1997 AF₂₂, 15, 3, 22; 1997 BJ₃, 4, 1, 0; 1997 BV₄, 6, 2, 7; 1997 BK₅, 13, 3, 557; 1997 CG₃, 4, 1, 0; 1997 CS₆, 5, 1, 0; 1997 CZ₂₁, 13, 3, 8; 1997 CZ₂₅, 3, 1, 0; 1997 DA₃, 3, 1, 0; 1997 EU₃, 4, 1, 0; 1997 EW₆, 4, 1, 0; 1997 EB₉, 3, 1, 0; 1997 EJ₁₁, 9, 2, 3; 1997 EM₁₅, 19, 4, 9; 1997 EG₃₈, 12, 3, 32; 1997 EG₄₃, 4, 1, 0; 1997 FC₁, 3, 1, 0; 1997 GN₄, 1, 0; 1997 GC₄, 13, 3, 3; 1997 GN₆, 5, 1, 0; 1997 GU₇, 14, 3, 3; 1997 GN₉, 4, 1, 0; 1997 GR₁₁, 12, 3, 27; 1997 GO₁₃, 7, 2, 8; 1997 GS₁₄, 14, 3, 3; 1997 GW₁₄, 4, 1, 0; 1997 GG₁₆, 8, 2, 8; 1997 GU₂₀, 4, 1, 0; 1997 GG₂₂, 5, 1, 0; 1997 GA₂₃, 11, 3, 34; 1997 GA₂₆, 9, 2, 1; 1997 G₂₆, 7, 2, 23; 1997 GO₃₅, 4, 1, 0; 1997 HW₈, 2, 6; 1997 HH₂, 14, 3, 8; 1997 HQ₂, 4, 1, 0; 1997 HR₂, 2, 3, 8; 1997 HD₁₀, 2, 1, 0; 1997 HZ₁₀, 25, 4, 9; 1997 HJ₁₁, 12, 3, 8; 1997 HT₁₁, 13, 3, 3; 1997 HZ₁₃, 13, 3, 9; 1997 JN₁₀, 2, 3; 1997 JB₈, 6, 2, 6; 1997 JX₁₁, 3, 1, 0; 1997 JF₁₂, 4, 1, 0; 1997 JJ₁₃, 5, 1, 0; 1997 JO₁₄, 15, 3, 9; 1997 JT₁₄, 9, 2, 20; 1997 JG₁₆, 9, 2, 19; 1997 LG₁, 7, 2, 4; 1997 LP₁, 3, 1, 0; 1997 LL₂, 10, 2, 5; 1997 LQ₂, 4, 1, 0; 1997 LB₄, 24, 5, 8; 1997 LL₉, 35, 4, 4; 1997 LB₁₂, 9, 2, 3; 1997 MQ₂, 12, 3, 8; 1997 MA₃, 9, 2, 9; 1997 MK₃, 20, 4, 4; 1997 MF₄, 10, 3, 8; 1997 MK₅, 24, 5, 8; 1997 MV₈, 10, 2, 6; 1997 NA₁₆, 3, 4; 1997 NH₄, 1, 0; 1997 NO₄, 1, 0; 1997 NB₁, 17, 4, 9; 1997 NN₁, 5, 1, 0; 1997 NM₃, 8, 2, 8; 1997 NQ₃, 4, 1, 0; 1997 NS₄, 17, 4, 564; 1997 NU₄, 5, 1, 0; 1997 NE₆, 13, 3, 8; 1997 NY₆, 10, 2, 3; 1997 OF₁, 11, 3, 8; 1997 OG₁, 4, 1, 0; 1997 OF₂, 10, 3, 8; 1997 OG₂, 13, 3, 8; 1997 OK₂, 9, 2, 2; 1997 PB₄, 1, 0; 1997 PD₉, 2, 2; 1997 PH₁₅, 3, 3; 1997 PR₄, 5, 1, 0; 1997 PY₄, 3, 1, 0; 1997 PF₅, 7, 2, 2; 1997 QC₁₀, 2, 8; 1997 QJ₈, 8, 2, 4; 1997 QR₄, 1, 0; 1997 QZ₅, 1, 0; 1997 QB₂, 16, 4, 472; 1997 QR₂, 4, 1, 0; 1997 QZ₂, 5, 1, 0; 1997 QB₄, 10, 2, 1; 1997 QF₄, 5, 1, 0; 1997 QU₄, 3, 25; 1997 QF₅, 7, 2, 8; 1997 RC₁₃, 3, 9; 1997 RE₃, 3, 1, 0; 1997 RH₂₀, 3, 8; 1997 RM₁, 5, 1, 0; 1997 RN₁, 15, 3, 4; 1997 RP₁, 4, 1, 0; 1997 RG₂, 15, 3, 8; 1997 RV₂, 3, 1, 0; 1997 RT₃, 3, 1, 0; 1997 RU₆, 8, 2, 4; 1997 RQ₈, 7, 2, 8; 1997 RT₈, 3, 1, 0; 1997 RV₈, 12, 3, 8; 1997 RK₉, 5, 1, 0; 1997 RP₉, 8, 2, 2; 1997 RQ₉, 3, 1, 0; 1997 RA₁₀, 9, 2, 857; 1997 RD₁₀, 13, 3, 4; 1997 SE₁, 6, 2, 2; 1997 SN₁, 14, 3, 9; 1997 SU₁, 10, 2, 4; 1997 SX₁, 16, 4, 8; 1997 SY₁, 4, 1, 0; 1997 SN₂, 9, 2, 8; 1997 SC₃, 13, 3, 1389; 1997 SR₃, 9, 2, 6; 1997 S₃, 5, 1, 0; 1997 SK₄, 15, 4, 5; 1997 SL₄, 5, 1, 0; 1997 SO₄, 8, 2, 2; 1997 SL₁₀, 13, 3, 4; 1997 SR₁₀, 18, 4, 9; 1997 SV₁₀, 3, 1, 0; 1997 SH₁₁, 13, 3, 9; 1997 SW₁₅, 18, 4, 8; 1997 SL₁₇, 8, 2, 2; 1997 SP₁₇, 13, 3, 8; 1997 SA₂₅, 17, 4, 25; 1997 SF₂₅, 9, 2, 6; 1997 SH₂₅, 9, 2, 6; 1997 SR₂₅, 4, 1, 0; 1997 SG₃₄, 5, 1, 0; 1997 TB₈, 1, 0; 1997 TE₂₃, 5, 5; 1997 TU₂, 12, 3, 8; 1997 TT₃, 3, 1, 0; 1997 TK₈, 3, 1, 0; 1997 TC₉, 4, 1, 0; 1997 TR₉, 14, 3, 8; 1997 TZ₉, 5, 1, 0; 1997 TK₁₁, 6,

1997 YW₃, 28, 5, 8; 1997 YX₃, 13, 3, 8; 1997 YY₃, 5, 1, 0; 1997 YD₄, 9, 2, 0; 1997 YH₄, 3, 1, 0; 1997 YL₄, 10, 2, 7; 1997 YQ₄, 5, 1, 0; 1997 YT₄, 3, 1, 0; 1997 YA₅, 5, 1, 0; 1997 YL₅, 8, 2, 366; 1997 YN₅, 12, 3, 3; 1997 YS₅, 15, 3, 0; 1997 YH₆, 19, 4, 31; 1997 YV₆, 3, 1, 0; 1997 YR₆, 6, 2, 8; 1997 YG₉, 5, 1, 0; 1997 YV₁₁, 5, 1, 0; 1997 YW₁₁, 7, 1, 0; 1997 YX₁₁, 9, 2, 3; 1997 YV₁₃, 15, 3, 25; 1997 YH₁₄, 5, 1, 0; 1997 YK₁₄, 4, 1, 0; 1997 YL₁₅, 8, 2, 2; 1997 YQ₁₆, 13, 3, 6; 1997 YG₁₈, 3, 1, 0; 1997 YK₁₈, 14, 3, 9; 1997 YV₁₈, 3, 1, 0; 1997 YO₂₁, 3, 1, 0; 1998 AE, 4, 1, 0; 1998 AG, 13, 3, 4; 1998 AH, 8, 2, 6; 1998 AV, 4, 1, 0; 1998 AN₆, 5, 1, 0; 1998 AK₇, 5, 1, 0; 1998 AG₁₀, 8, 2, 861; 1998 BM, 5, 1, 0; 1998 BM₁, 4, 1, 0; 1998 BW₁, 13, 3, 8; 1998 BJ₄, 12, 3, 25; 1998 BR₄, 4, 1, 0; 1998 BP₅, 4, 1, 0; 1998 BP₇, 7, 2, 8; 1998 BX₇, 20, 4, 9; 1998 BT₈, 5, 1, 0; 1998 BA₉, 15, 3, 8; 1998 BW₁₀, 4, 1, 0; 1998 BF₁₁, 5, 1, 0; 1998 BC₁₂, 5, 1, 0; 1998 BT₁₄, 5, 1, 0; 1998 BU₁₅, 18, 4, 3; 1998 BW₁₅, 3, 1, 0; 1998 BN₁₆, 5, 1, 0; 1998 BB₁₉, 23, 4, 9; 1998 BZ₂₀, 3, 1, 0; 1998 BV₂₄, 5, 1, 0; 1998 BP₂₉, 6, 2, 7; 1998 BV₂₉, 5, 1, 0; 1998 BD₃₀, 4, 1, 0; 1998 BE₃₀, 5, 1, 0; 1998 BA₃₄, 5, 1, 0; 1998 BD₄₁, 16, 4, 9; 1998 BA₄₄, 13, 3, 7; 1998 BA₄₆, 12, 3, 3; 1998 CN, 10, 2, 3; 1998 CH₁, 3, 1, 0; 1998 CN₁, 5, 1, 0; 1998 CT₁, 5, 1, 0; 1998 C₂, 8, 2, 2; 1998 C₂, 3, 1, 0; 1998 CS₂, 10, 2, 3; 1998 CE₃, 10, 2, 3; 1998 CC₄, 18, 4, 838; 1998 CL₄, 5, 1, 0; 1998 CA₅, 9, 2, 3; 1998 CC₅, 5, 1, 0; 1998 DP, 5, 1, 0; 1998 DT₁, 3, 1, 0; 1998 DR₂, 5, 1, 0; 1998 DV₃, 17, 4, 8; 1998 DL₄, 5, 1, 0; 1998 DS₉, 9, 2, 5; 1998 DE₉, 5, 1, 0; 1998 DJ₉, 4, 1, 0; 1998 DW₉, 15, 3, 8; 1998 DZ₉, 3, 1, 0; 1998 DW₁₀, 4, 1, 0; 1998 DW₁₂, 3, 1, 0; 1998 DF₁₆, 5, 1, 0; 1998 DC₂₁, 4, 1, 0; 1998 DE₂₁, 3, 1, 0; 1998 DZ₂₂, 7, 2, 3; 1998 DZ₂₃, 5, 1, 0; 1998 DJ₃₂, 5, 1, 0; 1998 ED₆, 5, 1, 0; 1998 EE₆, 8, 2, 6; 1998 EE₉, 14, 4, 8; 1998 EQ₁₁, 3, 1, 0; 1998 EU₁₃, 5, 1, 0; 1998 EK₁₄, 10, 2, 29; 1998 ES₁₄, 5, 1, 0; 1998 FD, 4, 1, 0; 1998 FN₁, 3, 1, 0; 1998 FT₁₃, 19, 3, 2; 1998 FG₁₆, 5, 1, 0; 1998 FZ₁₈, 12, 3, 23; 1998 FH₁₉, 12, 3, 60; 1998 FQ₂₃, 8, 2, 30; 1998 FN₂₅, 4, 1, 0; 1998 FZ₂₆, 9, 2, 3; 1998 FD₂₇, 4, 1, 0; 1998 FY₂₇, 5, 1, 0; 1998 FA₂₈, 4, 1, 0; 1998 FL₂₉, 5, 1, 0; 1998 FQ₃₁, 11, 3, 8; 1998 FT₄₂, 12, 3, 3; 1998 FM₄₅, 13, 3, 9; 1998 FU₅₃, 8, 2, 3; 1998 FR₅₅, 3, 1, 0; 1998 FR₅₈, 10, 2, 6; 1998 FW₅₉, 3, 1, 0; 1998 FA₆₀, 5, 1, 0; 1998 FQ₆₀, 4, 1, 0; 1998 FD₆₄, 3, 1, 0; 1998 FK₆₆, 7, 2, 6; 1998 FT₆₆, 4, 1, 0; 1998 FR₆₉, 3, 1, 0; 1998 FR₇₃, 5, 1, 0; 1998 FA₇₇, 3, 1, 0; 1998 FO₇₇, 12, 2, 2; 1998 FQ₈₇, 4, 1, 0; 1998 FG₉₀, 4, 1, 0; 1998 FX₉₀, 3, 1, 0; 1998 FT₉₅, 4, 1, 0; 1998 FH₉₇, 14, 2, 4; 1998 FV₁₀₃, 3, 1, 0; 1998 FQ₁₁₃, 4, 1, 0; 1998 FT₁₁₃, 5, 1, 0; 1998 FR₁₁₅, 3, 1, 0; 1998 FO₁₂₂, 4, 1, 0; 1998 FT₁₂₂, 5, 1, 0; 1998 FP₁₂₃, 10, 2, 6; 1998 FF₁₃₈, 15, 3, 12; 1998 FM₁₃₉, 10, 2, 10; 1998 FL₁₄₃, 10, 2, 3; 1998 HS₄, 4, 1, 0; 1998 HO₇, 7, 2, 19; 1998 HB₁₄, 10, 2, 19; 1998 HO₃₂, 3, 1, 0; 1998 HT₃₇, 5, 1, 0; 1998 HY₄₆, 3, 1, 0; 1998 HL₄₈, 4, 1, 0; 1998 HB₆₂, 4, 1, 0; 1998 HM₆₄, 8, 2, 29; 1998 HG₁₁₄, 5, 1, 0; 1998 HB₁₃₂, 5, 1, 0; 1998 HS₁₅₃, 9, 2, 26; 1998 KE₁₁, 4, 1, 0; 1998 KN₁₈, 4, 1, 0; 1998 KE₅₀, 9, 2, 17; 1998 KJ₅₆, 5, 1, 0; 1998 KN₆₂, 3, 1, 0; 1998 LV₂, 5, 1, 0; 1998 MO₈, 4, 1, 0; 1998 ML₉, 2, 1, 0; 1998 MK₂₈, 6, 2, 1030; 1998 MO₃₁, 4, 1, 0; 1998 NT, 5, 1, 0; 1998 OB, 5, 1, 0; 1998 OY₉, 4, 1, 0; 1998 OM₁₂, 4, 1, 0; 1998 PB₁, 9, 2, 3; 1998 QM₂, 3, 1, 0; 1998 QA₁₁, 10, 3, 6; 1998 QB₁₅, 4, 1, 0; 1998 QS₁₈, 9, 2, 523; 1998 QJ₂₀, 4, 1, 0; 1998 QP₂₁, 15, 3, 9; 1998 QR₂₁, 5, 1, 0; 1998 QE₂₅, 3, 1, 0; 1998 QU₄₀, 3, 1, 0; 1998 QJ₄₃, 13, 3, 8; 1998 QS₄₃, 3, 1, 0; 1998 QE₄₄, 5, 1, 0; 1998 QO₄₄, 8, 2, 3; 1998 QT₄₄, 14, 3, 8; 1998 QS₄₈, 10, 2, 3; 1998 QA₄₉, 5, 1, 0; 1998 QC₄₉, 15, 3, 8; 1998 QK₅₁, 6, 1, 0; 1998 QN₅₁, 19, 4, 8; 1998 QZ₅₁, 3, 1, 0; 1998 QA₅₂, 9, 2, 5; 1998 QH₅₅, 13, 3, 8; 1998 QM₅₅, 17, 4, 8; 1998 QE₅₆, 5, 1, 0; 1998 QQ₆₂, 7, 2, 590; 1998 QK₆₃, 5, 1, 0; 1998 QH₇₅, 4, 1, 0; 1998 QN₈₀, 4, 1, 0; 1998 QV₉₀, 5, 1, 0; 1998 QQ₉₁, 18, 4, 8; 1998 QH₉₂, 17, 3, 9; 1998 QW₉₂, 4, 1, 0; 1998 QO₉₈, 4, 1, 0; 1998 QN₉₉, 4, 1, 0; 1998 QH₁₀₁, 15, 3, 3; 1998 QW₁₀₂, 5, 1, 0; 1998 QL₁₀₃, 17, 4, 9; 1998 QH₁₀₅, 14, 3, 91; 1998 QL₁₀₅, 4, 1, 0; 1998 RO₁, 4, 1, 0; 1998 RL₂, 14, 3, 9; 1998 RQ₂, 14, 3, 3; 1998 RA₇, 9, 2, 3; 1998 RJ₁₅, 4, 1, 0; 1998 RZ₁₅, 15, 3, 9; 1998 RT₁₇, 3, 1, 0; 1998 RH₁₉, 5, 1, 0; 1998 RM₂₈, 4, 1, 0; 1998 RO₂₉, 5, 1, 0; 1998 RW₃₂, 9, 2, 3; 1998 RN₃₄, 5, 1, 0; 1998 RF₃₇, 4, 1, 0; 1998 RV₃₇, 7, 2, 503; 1998 RA₄₇, 4, 1, 0; 1998 RG₄₇, 3, 1, 0; 1998 RQ₄₉, 4, 1, 0; 1998 RP₅₀, 3, 1, 0; 1998 RX₅₂, 4, 1, 0; 1998 RT₅₃, 8, 2, 5; 1998 RV₅₃, 3, 1, 0; 1998 RK₅₅, 15, 3, 8; 1998 RL₅₅, 23, 5, 8; 1998 RO₅₅, 4, 1, 0; 1998 RW₅₅, 13, 3, 8; 1998 RZ₅₅, 18, 4, 8; 1998 RA₅₇, 8, 2, 3; 1998 RC₅₇, 4, 1, 0; 1998 RS₅₉, 10, 2, 3; 1998 RT₅₉, 2, 1, 0; 1998 RO₆₀, 14, 4, 14; 1998 RT₆₃, 3, 1, 0; 1998 RB₆₆, 5, 1, 0; 1998 RH₆₇, 5, 1, 0; 1998 RK₆₇, 3, 1, 0; 1998 RL₆₇, 7, 2, 3; 1998 RK₇₁, 5, 1, 0; 1998 RP₇₁, 18, 4, 9; 1998 RC₇₂, 14, 3, 3; 1998 RW₇₂, 5, 1, 0; 1998 RB₇₆, 4, 1, 0; 1998 RG₇₆, 6, 2, 555; 1998 RW₇₆, 13, 3, 3; 1998 RD₇₇, 14, 3, 3; 1998 RO₇₇, 27, 6, 8; 1998 RR₇₇, 9, 2, 2; 1998 RY₇₇, 14, 3, 8; 1998 RZ₇₇, 13, 3, 8; 1998 RG₇₈, 4, 1, 0; 1998 RG₇₉, 4, 1, 0; 1998 RM₇₉, 4, 1, 0; 1998 RU₇₉, 4, 1, 0; 1998 RC₈₀, 8, 2, 3; 1998 SV₁₂, 3, 9; 1998 SK₅, 1, 0; 1998 SB₂, 9, 2, 2; 1998 SR₃, 5, 1, 0; 1998 SC₄, 4, 1, 0; 1998 SG₄, 5, 1, 0; 1998 SV₄, 9, 2, 4; 1998 SS₈, 3, 1, 0; 1998 SJ₉, 17, 4, 9; 1998 SA₁₃, 5, 1, 0; 1998 SJ₁₃, 14, 3, 9; 1998 SN₂₁, 4, 1, 0; 1998 SO₂₁, 12, 3, 8; 1998 SR₂₁, 3, 1, 0; 1998 SA₂₂, 9, 2, 3; 1998 SL₂₂, 5, 1, 0; 1998 ST₂₄, 14, 3, 9; 1998 SC₂₅, 5, 1, 0; 1998 SJ₂₅, 18, 4, 9; 1998 SZ₂₅, 18, 4, 8; 1998 SD₂₆, 7, 2, 3; 1998 SB₂₇, 3, 1, 0; 1998 SV₂₇, 11, 3, 59; 1998 SC₃₀, 24, 5, 9; 1998 SR₃₅, 3, 1, 0; 1998 SN₃₇, 4, 1, 0; 1998 SY₃₉, 4, 1, 0; 1998 SD₄₃, 15, 4, 9; 1998 SE₄₃, 10, 2, 3; 1998 SA₄₅, 4, 1, 0; 1998 SP₄₅, 3, 1, 0; 1998 SG₄₇, 3, 1, 0; 1998 SN₅₀, 7, 2, 8; 1998 SO₅₀, 8, 2, 6; 1998 SW₅₂, 5, 1, 0; 1998 SL₅₃, 4, 1, 0; 1998 SN₅₃, 5, 1, 0; 1998 SS₅₆, 4, 1, 0; 1998 SK₅₇, 3, 1, 0; 1998 SL₅₇, 5, 1, 0; 1998 SL₅₈, 3, 1, 0; 1998 SD₆₃, 5, 1, 0; 1998 SG₆₄, 4, 1, 0; 1998 SK₆₄, 19, 4, 9; 1998 SU₆₅, 18, 4, 9; 1998 SP₆₆, 5, 1, 0; 1998 SO₆₇, 18, 4, 8; 1998 ST₆₇, 14, 3, 9; 1998 SF₆₈, 5, 1, 0; 1998 SD₇₁, 3, 1, 0; 1998 SF₇₁, 20, 4, 8; 1998 SQ₇₁, 3, 1, 0; 1998 SX₇₁, 8, 2, 6; 1998 SX₇₂, 5, 1, 0; 1998 SY₇₂, 14, 3, 4; 1998 SK₇₃, 12, 3, 3; 1998 SN₇₃, 8, 2, 9; 1998 SM₇₄, 9, 2, 3; 1998 SS₇₅, 9, 2, 3; 1998 SD₇₉, 4, 1, 0; 1998 SX₈₁, 4, 1, 0; 1998 SH₈₃, 5, 1, 0; 1998 SU₈₅, 4, 1, 0; 1998 SY₈₅, 3, 1, 0; 1998 SM₉₁, 4, 1, 0; 1998 SN₁₀₀, 10, 2, 3; 1998 SE₁₀₂, 7, 2, 6; 1998 SV₁₀₃, 5, 1, 0; 1998 SL₁₀₄, 13, 3, 1, 0;

1998 SG₁₀₅, 9, 2, 3; 1998 SH₁₀₅, 8, 2, 2; 1998 SM₁₀₆, 9, 2, 6; 1998 SR₁₀₇, 19, 4, 9; 1998 SK₁₀₈, 9, 2, 4; 1998 SF₁₀₉, 10, 3, 8; 1998 SP₁₀₉, 4, 1, 0; 1998 SC₁₁₀, 12, 3, 8; 1998 SH₁₁₀, 3, 1, 0; 1998 SL₁₁₀, 15, 3, 8; 1998 SQ₁₁₀, 20, 4, 9; 1998 SX₁₁₀, 4, 1, 0; 1998 SR₁₁₄, 5, 1, 0; 1998 SL₁₁₇, 8, 2, 7; 1998 ST₁₁₈, 12, 3, 9; 1998 SF₁₂₁, 21, 4, 8; 1998 SM₁₂₁, 3, 1, 0; 1998 SU₁₂₃, 18, 4, 9; 1998 SJ₁₂₄, 4, 1, 0; 1998 SL₁₂₄, 12, 3, 8; 1998 SM₁₂₄, 8, 2, 3; 1998 SE₁₂₆, 4, 1, 0; 1998 SN₁₂₇, 13, 3, 9; 1998 SX₁₂₇, 19, 4, 9; 1998 SS₁₃₀, 18, 4, 8; 1998 ST₁₃₁, 5, 1, 0; 1998 SL₁₃₁, 13, 3, 13; 1998 SC₁₃₂, 24, 4, 4; 1998 SO₁₃₃, 13, 3, 4; 1998 SB₁₃₄, 10, 3, 8; 1998 SP₁₃₅, 15, 3, 8; 1998 SQ₁₃₅, 5, 1, 0; 1998 SX₁₃₆, 11, 3, 8; 1998 SV₁₃₇, 3, 1, 0; 1998 SZ₁₃₈, 4, 1, 0; 1998 SU₁₃₉, 8, 2, 25; 1998 SM₁₄₀, 3, 1, 0; 1998 SY₁₄₁, 9, 2, 3; 1998 SQ₁₄₂, 5, 1, 0; 1998 SU₁₄₂, 5, 1, 0; 1998 SJ₁₄₃, 3, 1, 0; 1998 SK₁₄₄, 14, 3, 9; 1998 SR₁₄₄, 10, 2, 5; 1998 SY₁₄₄, 9, 1, 0; 1998 SM₁₄₅, 5, 1, 0; 1998 SN₁₄₅, 3, 1, 0; 1998 SB₁₄₆, 14, 3, 9; 1998 SR₁₄₆, 4, 1, 0; 1998 SL₁₄₇, 20, 4, 9; 1998 SU₁₅₄, 4, 1, 0; 1998 SO₁₆₁, 4, 1, 0; 1998 SY₁₆₂, 5, 1, 0; 1998 TA, 4, 1, 0; 1998 TC, 5, 1, 0; 1998 TE, 8, 2, 8; 1998 TU, 7, 2, 1; 1998 TT₂, 3, 1, 0; 1998 TH₄, 9, 2, 5; 1998 TF₅, 15, 3, 4; 1998 TD₇, 4, 1, 0; 1998 TE₈, 4, 1, 0; 1998 TV₁₂, 9, 2, 2; 1998 TX₁₂, 3, 1, 0; 1998 TX₁₃, 20, 4, 9; 1998 TN₁₃, 11, 3, 7; 1998 TS₁₃, 5, 1, 0; 1998 TP₁₄, 3, 1, 0; 1998 TB₁₆, 8, 2, 8; 1998 TB₁₇, 3, 1, 0; 1998 TB₁₈, 12, 3, 4; 1998 TY₁₈, 6, 2, 385; 1998 TV₂₆, 8, 2, 6; 1998 TV₂₉, 10, 2, 5; 1998 TX₃₀, 19, 4, 9; 1998 TQ₃₁, 10, 2, 5; 1998 TC₃₂, 10, 2, 5; 1998 TD₃₂, 17, 4, 4; 1998 TF₃₃, 4, 1, 0; 1998 TE₃₄, 23, 4, 9; 1998 UD, 14, 3, 8; 1998 UG, 13, 3, 8; 1998 UC₁, 15, 3, 8; 1998 UX₂, 4, 1, 0; 1998 UE₄, 3, 1, 0; 1998 UJ₈, 3, 1, 0; 1998 UK₈, 5, 1, 0; 1998 UJ₁₆, 3, 1, 0; 1998 UP₁₆, 9, 2, 4; 1998 UY₁₆, 3, 1, 0; 1998 UZ₁₆, 5, 1, 0; 1998 UE₁₉, 17, 3, 2; 1998 UV₁₉, 11, 3, 9; 1998 UP₂₀, 5, 1, 0; 1998 UO₂₀, 5, 1, 0; 1998 UX₂₀, 5, 1, 0; 1998 UE₂₁, 15, 3, 8; 1998 UN₂₂, 3, 1, 0; 1998 UZ₂₂, 8, 2, 3; 1998 UR₂₃, 13, 3, 8; 1998 UT₂₃, 20, 4, 9; 1998 UM₂₅, 8, 2, 5; 1998 US₂₅, 13, 3, 4; 1998 UK₂₇, 4, 1, 0; 1998 UZ₂₇, 7, 2, 7; 1998 UA₂₈, 3, 1, 0; 1998 UG₂₉, 10, 2, 5; 1998 UY₂₉, 5, 1, 0; 1998 UJ₃₂, 19, 4, 24; 1998 UL₃₂, 5, 1, 0; 1998 UN₃₂, 9, 2, 5; 1998 UV₃₅, 10, 2, 3; 1998 UW₃₅, 4, 1, 0; 1998 UO₃₆, 19, 4, 9; 1998 UB₄₀, 12, 3, 8; 1998 UO₄₀, 12, 3, 9; 1998 UL₄₂, 5, 1, 0; 1998 VB, 13, 3, 8; 1998 VH₂, 9, 2, 8; 1998 VE₄, 4, 1, 0; 1998 VQ₄, 3, 1, 0; 1998 VS₄, 20, 5, 33; 1998 VY₄, 9, 2, 3; 1998 VP₅, 8, 2, 6; 1998 VU₅, 14, 3, 8; 1998 VH₆, 5, 4, 1, 0; 1998 VY₆, 10, 2, 2; 1998 VQ₆, 11, 3, 8; 1998 VT₆, 5, 1, 0; 1998 VM₇, 5, 1, 0; 1998 VW₈, 14, 3, 8; 1998 VH₉, 19, 4, 4; 1998 VV₉, 5, 1, 0; 1998 VC₁₁, 4, 1, 0; 1998 VN₁₁, 5, 1, 0; 1998 VB₁₃, 9, 2, 8; 1998 VT₁₃, 19, 4, 9; 1998 VD₁₄, 14, 3, 8; 1998 VG₁₄, 8, 2, 7; 1998 VV₁₄, 13, 3, 4; 1998 VP₁₅, 15, 3, 3; 1998 VB₁₆, 7, 2, 8; 1998 VM₁₈, 4, 1, 0; 1998 VN₁₈, 17, 3, 9; 1998 VX₁₉, 11, 3, 9; 1998 VU₂₁, 13, 3, 9; 1998 VY₂₁, 4, 1, 0; 1998 VO₂₂, 18, 4, 9; 1998 VX₂₃, 5, 1, 0; 1998 VN₂₄, 5, 1, 0; 1998 VC₂₅, 29, 6, 563; 1998 VJ₂₅, 11, 3, 8; 1998 VP₂₅, 20, 4, 9; 1998 VQ₂₅, 20, 4, 9; 1998 VY₂₅, 19, 4, 9; 1998 VA₂₆, 4, 1, 0; 1998 VF₂₆, 8, 2, 5; 1998 VY₂₇, 11, 3, 7; 1998 VL₂₈, 5, 1, 0; 1998 VX₂₈, 15, 3, 31; 1998 VZ₂₉, 15, 3, 9; 1998 VC₃₀, 5, 1, 0; 1998 VW₃₀, 9, 2, 2; 1998 VJ₃₁, 4, 1, 0; 1998 VK₃₁, 10, 2, 4; 1998 VG₃₂, 18, 4, 9; 1998 VW₃₂, 5, 1, 0; 1998 VY₃₂, 5, 1, 0; 1998 VA₃₃, 3, 1, 0; 1998 VC₃₃, 3, 1, 0; 1998 VH₃₃, 18, 4, 9; 1998 VM₃₃, 10, 3, 5; 1998 VJ₃₅, 4, 1, 0; 1998 VX₃₆, 4, 1, 0; 1998 VX₃₇, 7, 2, 6; 1998 VV₄₃, 3, 1, 0; 1998 WD, 3, 1, 0; 1998 WF, 6, 2, 8; 1998 WH₁, 5, 1, 0; 1998 WL₁, 12, 3, 3; 1998 WR₁, 8, 2, 6; 1998 WU₁, 3, 1, 0; 1998 WD₂, 15, 3, 8; 1998 WN₂, 13, 3, 27; 1998 WQ₂, 5, 1, 0; 1998 WB₃, 3, 1, 0; 1998 WM₃, 13, 3, 9; 1998 WV₃, 10, 2, 7; 1998 WU₄, 7, 2, 8; 1998 WM₅, 5, 1, 0; 1998 WW₅, 15, 3, 9; 1998 WX₅, 7, 2, 2; 1998 WR₆, 5, 1, 0; 1998 WW₆, 4, 1, 0; 1998 WY₆, 9, 2, 2

0; 1998 XV₇₀, 5, 1, 0; 1998 XF₇₂, 23, 5, 10; 1998 XY₇₂, 3, 1, 0; 1998 XG₇₃, 8, 2, 8; 1998 XM₇₃, 5, 1, 0; 1998 XP₇₃, 9, 2, 3; 1998 XC₇₄, 5, 1, 0; 1998 XP₇₄, 15, 3, 8; 1998 XK₇₆, 5, 1, 0; 1998 XC₇₇, 13, 3, 8; 1998 XJ₇₈, 13, 3, 8; 1998 XL₇₈, 8, 2, 6; 1998 XW₇₉, 8, 2, 24; 1998 XX₈₀, 4, 1, 0; 1998 XC₈₃, 8, 2, 8; 1998 XE₈₆, 11, 3, 501; 1998 XK₈₇, 3, 1, 0; 1998 XN₈₉, 4, 1, 0; 1998 XM₉₂, 13, 3, 9; 1998 XS₉₂, 19, 4, 9; 1998 XS₉₃, 5, 1, 0; 1998 XW₉₃, 9, 2, 8; 1998 XY₉₃, 5, 1, 0; 1998 XL₉₄, 9, 2, 5; 1998 XQ₉₄, 4, 1, 0; 1998 XK₉₅, 5, 1, 0; 1998 XW₉₅, 5, 1, 0; 1998 YA₁₄, 14, 3, 3; 1998 YC₈, 8, 2, 2; 1998 YG₅, 4, 1, 0; 1998 YU₄, 4, 1, 0; 1998 YW₅, 1, 0; 1998 YE₁₁, 10, 2, 6; 1998 YR₁₇, 7, 2, 5; 1998 YS₂, 4, 1, 0; 1998 YE₃, 5, 1, 0; 1998 YO₃, 5, 1, 0; 1998 YR₃, 11, 3, 9; 1998 YD₄, 8, 2, 5; 1998 YF₅, 11, 3, 8; 1998 YJ₅, 3, 1, 0; 1998 YX₅, 4, 1, 0; 1998 YZ₅, 8, 2, 8; 1998 YA₆, 4, 1, 0; 1998 YG₆, 8, 2, 8; 1998 YT₆, 5, 1, 0; 1998 YL₇, 11, 3, 9; 1998 YS₇, 19, 4, 8; 1998 YD₈, 5, 1, 0; 1998 YP₈, 9, 2, 3; 1998 YB₉, 12, 2, 8; 1998 YO₁₀, 15, 4, 469; 1998 YP₁₀, 7, 2, 8; 1998 YS₁₁, 5, 1, 0; 1998 YA₁₂, 10, 2, 3; 1998 YN₁₂, 8, 2, 8; 1998 YO₁₂, 12, 3, 10; 1998 YW₁₂, 8, 2, 8; 1998 YH₁₃, 5, 1, 0; 1998 YU₁₄, 3, 1, 0; 1998 YW₁₅, 3, 1, 0; 1998 YG₁₇, 10, 2, 3; 1998 YK₁₇, 8, 2, 5; 1998 YO₁₇, 4, 1, 0; 1998 YD₁₈, 4, 1, 0; 1998 YV₂₁, 9, 2, 5; 1998 YF₂₃, 4, 1, 0; 1998 YR₂₇, 3, 1, 0; 1998 YD₂₈, 8, 2, 3; 1998 YJ₂₉, 5, 1, 0; 1998 YW₂₉, 5, 1, 0; 1998 YF₃₀, 5, 1, 0; 1998 YH₃₀, 5, 1, 0; 1998 YY₃₁, 4, 1, 0; 1999 AJ₁₈, 4, 8; 1999 AK₄, 1, 0; 1999 AR₅, 5, 1, 0; 1999 AS₁₃, 3, 9; 1999 AT₄, 1, 0; 1999 AH₁, 3, 1, 0; 1999 AL₁₀, 10, 2, 8; 1999 AE₂, 7, 2, 6; 1999 AH₂, 10, 2, 3; 1999 AK₂, 9, 2, 4; 1999 AU₂, 10, 2, 3; 1999 AN₃, 4, 1, 0; 1999 AP₃, 9, 2, 6; 1999 AT₃, 5, 1, 0; 1999 AK₄, 4, 1, 0; 1999 AP₄, 5, 1, 0; 1999 AT₄, 4, 1, 0; 1999 AW₄, 18, 4, 9; 1999 AH₅, 10, 2, 3; 1999 AL₅, 15, 3, 8; 1999 AS₅, 8, 2, 3; 1999 AD₆, 8, 2, 5; 1999 AS₆, 4, 1, 0; 1999 AZ₆, 12, 3, 7; 1999 AB₇, 7, 2, 3; 1999 AY₇, 12, 3, 8; 1999 AL₇, 4, 1, 0; 1999 AL₈, 18, 4, 9; 1999 AU₈, 5, 1, 0; 1999 AB₁₀, 3, 1, 0; 1999 AH₁₀, 12, 3, 8; 1999 AM₁₄, 18, 4, 8; 1999 AR₁₆, 8, 2, 1; 1999 AB₁₈, 15, 4, 8; 1999 AH₁₈, 5, 1, 0; 1999 AQ₁₉, 10, 2, 3; 1999 AC₂₀, 3, 1, 0; 1999 AV₂₀, 5, 1, 0; 1999 AA₂₁, 10, 2, 3; 1999 AC₂₁, 5, 1, 0; 1999 AP₂₁, 19, 3, 3; 1999 AZ₂₁, 9, 2, 8; 1999 AC₂₂, 4, 1, 0; 1999 AH₂₂, 13, 3, 8; 1999 AT₂₂, 4, 1, 0; 1999 AA₂₃, 8, 2, 6; 1999 AC₂₃, 4, 1, 0; 1999 AK₂₃, 16, 4, 13; 1999 AB₂₄, 3, 1, 0; 1999 AD₂₄, 8, 2, 4; 1999 AO₂₄, 8, 2, 28; 1999 AP₂₄, 3, 1, 0; 1999 AH₂₅, 10, 2, 2; 1999 AS₂₅, 15, 3, 9; 1999 AH₂₆, 8, 2, 3; 1999 AZ₂₆, 8, 2, 8; 1999 AU₃₀, 20, 4, 9; 1999 AY₃₀, 5, 1, 0; 1999 AH₃₁, 8, 2, 9; 1999 AL₃₁, 7, 2, 9; 1999 AM₃₁, 4, 1, 0; 1999 AD₃₂, 4, 1, 0; 1999 AQ₃₃, 5, 1, 0; 1999 AC₃₄, 8, 2, 6; 1999 AO₃₄, 10, 2, 6; 1999 AM₃₇, 9, 2, 78; 1999 AV₃₇, 3, 1, 0; 1999 AY₃₈, 5, 1, 0; 1999 BL₁₂, 3, 8; 1999 BQ₇, 2, 8; 1999 BV₆, 2, 6; 1999 BG₁, 5, 1, 0; 1999 BW₁, 14, 3, 8; 1999 BY₁, 23, 4, 5; 1999 BE₂, 5, 1, 0; 1999 BV₂, 3, 1, 0; 1999 BY₂, 15, 4, 9; 1999 BZ₂, 17, 4, 8; 1999 BB₃, 10, 2, 3; 1999 BH₃, 4, 1, 0; 1999 BP₃, 17, 4, 8; 1999 BQ₄, 20, 4, 8; 1999 BM₅, 7, 2, 2; 1999 BO₅, 12, 3, 25; 1999 BP₅, 3, 1, 0; 1999 BT₅, 9, 2, 6; 1999 BW₆, 3, 1, 0; 1999 BX₆, 13, 3, 9; 1999 BE₇, 3, 1, 0; 1999 BG₇, 3, 1, 0; 1999 BR₇, 3, 1, 0; 1999 BA₈, 5, 1, 0; 1999 BC₈, 5, 1, 0; 1999 BT₈, 10, 2, 6; 1999 BB₉, 14, 3, 4; 1999 BC₉, 8, 2, 3; 1999 BM₉, 12, 3, 8; 1999 BN₉, 3, 1, 0; 1999 BT₉, 13, 3, 8; 1999 BN₁₀, 13, 3, 8; 1999 BJ₁₂, 13, 3, 3; 1999 BM₁₂, 9, 2, 6; 1999 BV₁₂, 3, 1, 0; 1999 BY₁₂, 13, 3, 8; 1999 BC₁₃, 5, 1, 0; 1999 BE₁₃, 3, 1, 0; 1999 BL₁₃, 4, 1, 0; 1999 BP₁₃, 16, 3, 4; 1999 BW₁₃, 9, 2, 3; 1999 BO₁₄, 3, 1, 0; 1999 BV₁₄, 6, 2, 8; 1999 BK₁₅, 7, 2, 3; 1999 BM₁₅, 5, 1, 0; 1999 BP₁₅, 5, 1, 0; 1999 BV₁₅, 5, 1, 0; 1999 BH₁₈, 5, 1, 0; 1999 BA₁₉, 18, 4, 8; 1999 BB₂₀, 7, 2, 538; 1999 BJ₂₀, 5, 1, 0; 1999 BM₂₀, 7, 2, 4; 1999 BC₂₁, 12, 3, 4; 1999 BJ₂₁, 13, 3, 8; 1999 BZ₂₃, 5, 1, 0; 1999 BB₂₄, 8, 2, 6; 1999 BL₂₄, 6, 2, 2; 1999 BQ₂₄, 7, 2, 2; 1999 BT₂₄, 9, 2, 8; 1999 BX₂₄, 9, 2, 5; 1999 BH₂₅, 9, 2, 5; 1999 BJ₂₅, 4, 1, 0; 1999 BK₂₅, 13, 3, 136; 1999 BM₂₅, 18, 4, 8; 1999 BT₂₅, 10, 2, 3; 1999 BW₂₅, 5, 1, 0; 1999 BZ₂₅, 4, 1, 0; 1999 BB₂₆, 4, 1, 0; 1999 BC₂₆, 4, 1, 0; 1999 BM₂₆, 9, 2, 3; 1999 BY₂₇, 5, 1, 0; 1999 BE₂₈, 10, 2, 2; 1999 BK₂₉, 10, 2, 3; 1999 BZ₃₁, 10, 2, 3; 1999 BB₃₂, 9, 2, 2; 1999 CC₅, 1, 0; 1999 CE₆, 2, 9; 1999 CN₄, 4, 1, 0; 1999 CF₁, 3, 1, 0; 1999 CU₁, 6, 2, 2; 1999 CW₁, 18, 4, 8; 1999 CC₂, 13, 2, 2; 1999 CL₂, 13, 3, 8; 1999 CY₂, 4, 1, 0; 1999 CN₃, 3, 1, 0; 1999 CT₃, 10, 2, 2; 1999 CE₄, 11, 3, 8; 1999 CO₄, 6, 2, 2; 1999 CQ₄, 11, 2, 4; 1999 CR₄, 14, 3, 8; 1999 CY₄, 5, 1, 0; 1999 CE₅, 14, 3, 9; 1999 CL₅, 11, 3, 7; 1999 CO₅, 5, 1, 0; 1999 CP₅, 9, 2, 6; 1999 CT₅, 6, 2, 9; 1999 CV₅, 12, 3, 8; 1999 CW₅, 13, 3, 9; 1999 CZ₅, 5, 1, 0; 1999 CP₆, 14, 3, 8; 1999 CG₇, 5, 1, 0; 1999 CN₇, 14, 3, 9; 1999 CJ₈, 30, 3, 3; 1999 CN₈, 5, 1, 0; 1999 CR₈, 5, 1, 0; 1999 CX₉, 18, 4, 9; 1999 CG₁₀, 8, 2, 6; 1999 CH₁₀, 6, 2, 9; 1999 CM₁₀, 7, 2, 8; 1999 CX₁₂, 5, 1, 0; 1999 CY₁₂, 7, 2, 8; 1999 CA₁₄, 4, 1, 0; 1999 CK₁₄, 27, 4, 8; 1999 CQ₁₄, 14, 3, 9; 1999 CS₁₄, 24, 5, 453; 1999 CU₁₄, 4, 1, 0; 1999 CV₁₄, 4, 1, 0; 1999 CJ₁₆, 3, 1, 0; 1999 CK₁₆, 6, 2, 8; 1999 CU₁₆, 5, 1, 0; 1999 CA₁₇, 14, 3, 9; 1999 CB₁₇, 10, 2, 9; 1999 CW₁₇, 8, 2, 29; 1999 CA₁₈, 17, 4, 9; 1999 CF₁₉, 10, 2, 6; 1999 CF₂₀, 7, 2, 20; 1999 CH₂₀, 11, 3, 8; 1999 CD₂₁, 14, 3, 3; 1999 CF₂₁, 8, 2, 3; 1999 CC₂₃, 5, 1, 0; 1999 CG₂₃, 4, 1, 0; 1999 CM₂₃, 8, 2, 3; 1999 CL₂₄, 3, 1, 0; 1999 CO₂₄, 3, 1, 0; 1999 CN₂₅, 12, 3, 9; 1999 CN₂₇, 10, 2, 6; 1999 CZ₂₇, 5, 1, 0; 1999 CD₂₈, 24, 5, 4; 1999 CE₂₈, 5, 1, 0; 1999 CG₂₈, 9, 2, 6; 1999 CH₂₈, 31, 5, 9; 1999 CK₂₈, 5, 1, 0; 1999 CT₂₉, 5, 1, 0; 1999 CA₃₁, 15, 3, 9; 1999 CE₃₁, 4, 1, 0; 1999 CH₃₁, 8, 2, 9; 1999 CT₃₁, 8, 2, 1; 1999 CJ₃₂, 14, 3, 4; 1999 CK₃₂, 17, 4, 9; 1999 CN₃₂, 4, 1, 0; 1999 CV₃₂, 4, 1, 0; 1999 CU₃₃, 11, 3, 484; 1999 CH₃₄, 9, 2, 3; 1999 CN₃₅, 5, 1, 0; 1999 CT₃₆, 4, 1, 0; 1999 CG₃₇, 10, 2, 4; 1999 CQ₃₇, 3, 1, 0; 1999 CY₃₇, 4, 1, 0; 1999 CC₃₈, 3, 1, 0; 1999 CJ₃₉, 4, 1, 0; 1999 CP₃₉, 29, 7, 9; 1999 CJ₄₀, 5, 1, 0; 1999 CZ₄₁, 9, 2, 3; 1999 CM₄₂, 19, 4, 443; 1999 CT₄₂, 11, 3, 8; 1999 CM₄₃, 14, 4, 1397; 1999 CK₄₄, 4, 1, 0; 1999 CR₄₄, 10, 2, 6; 1999 CZ₄₄, 5, 1, 0; 1999 CB₄₅, 15, 3, 9; 1999 CO₄₅, 5, 1, 0; 1999 CV₄₅, 13, 3, 8; 1999 CK₄₆, 13, 3, 8; 1999 CX₄₆, 11, 3, 8; 1999 CF₄₈, 13, 3, 8; 1999 CO₄₈, 8, 2, 7; 1999 CY₄₈, 3, 1, 0; 1999 CK₄₉, 5, 1, 0; 1999 CL₄₉, 3, 1, 0; 1999 CB₅₀, 4, 1, 0; 1999 CL₅₀, 3, 1,

0; 1999 CN₅₀, 16, 4, 8; 1999 CT₅₀, 8, 2, 8; 1999 CU₅₀, 3, 1, 0; 1999 CM₅₁, 5, 1, 0; 1999 CQ₅₁, 5, 1, 0; 1999 CR₅₁, 15, 3, 9; 1999 CY₅₁, 8, 2, 6; 1999 CN₅₂, 5, 1, 0; 1999 CX₅₂, 7, 2, 2; 1999 CN₅₃, 3, 1, 0; 1999 CP₅₃, 3, 1, 0; 1999 CN₅₄, 11, 3, 8; 1999 CX₅₄, 8, 2, 6; 1999 CD₅₅, 14, 3, 9; 1999 CO₅₆, 9, 2, 6; 1999 CR₅₆, 15, 3, 9; 1999 CY₅₆, 5, 1, 0; 1999 CB₅₇, 3, 1, 0; 1999 CL₅₇, 7, 2, 8; 1999 CN₅₇, 13, 3, 6; 1999 CR₅₇, 8, 2, 2; 1999 CQ₅₈, 18, 4, 556; 1999 CS₅₉, 8, 2, 6; 1999 CG₆₀, 3, 1, 0; 1999 CR₆₀, 4, 1, 0; 1999 CS₆₀, 3, 1, 0; 1999 CZ₆₀, 13, 3, 454; 1999 CE₆₁, 3, 1, 0; 1999 CW₆₁, 19, 5, 471; 1999 CL₆₂, 5, 1, 0; 1999 CN₆₂, 4, 1, 0; 1999 CQ₆₂, 3, 1, 0; 1999 CK₆₃, 4, 1, 0; 1999 CQ₆₃, 5, 1, 0; 1999 CR₆₃, 8, 2, 5; 1999 CU₆₃, 9, 2, 5; 1999 CZ₆₃, 8, 2, 5; 1999 CD₆₄, 12, 3, 25; 1999 CM₆₄, 10, 2, 5; 1999 CS₆₄, 10, 2, 6; 1999 CW₆₄, 6, 2, 6; 1999 CC₆₅, 5, 1, 0; 1999 CG₆₅, 4, 1, 0; 1999 CH₆₅, 22, 5, 969; 1999 CD₆₆, 4, 1, 0; 1999 CH₆₆, 9, 2, 6; 1999 CO₆₆, 8, 2, 5; 1999 CC₆₇, 9, 2, 22; 1999 CD₆₇, 5, 1, 0; 1999 CS₆₇, 8, 2, 5; 1999 CW₆₇, 14, 3, 8; 1999 CK₆₈, 17, 4, 27; 1999 CM₆₉, 4, 1, 0; 1999 CW₇₀, 4, 1, 0; 1999 CK₇₁, 19, 4, 8; 1999 CL₇₁, 3, 1, 0; 1999 CP₇₂, 8, 2, 1; 1999 CY₇₂, 20, 2, 4; 1999 CD₇₃, 10, 2, 5; 1999 CP₇₃, 4, 1, 0; 1999 CC₇₅, 11, 3, 8; 1999 CL₇₆, 10, 2, 3; 1999 CW₇₇, 10, 2, 6; 1999 CH₇₉, 14, 3, 4; 1999 CV₇₉, 12, 3, 8; 1999 CD₈₀, 10, 2, 5; 1999 CJ₈₀, 4, 1, 0; 1999 CN₈₀, 9, 2, 5; 1999 CA₈₁, 9, 2, 8; 1999 CB₈₁, 4, 1, 0; 1999 CZ₈₁, 4, 1, 0; 1999 CF₈₃, 4, 1, 0; 1999 CK₈₄, 11, 3, 6; 1999 CM₈₄, 8, 2, 2; 1999 CO₈₄, 3, 1, 0; 1999 CP₈₄, 16, 4, 8; 1999 CF₈₄, 3, 1, 0; 1999 CF₈₅, 9, 2, 8; 1999 CG₈₅, 7, 2, 2; 1999 CR₈₅, 3, 1, 0; 1999 CD₈₆, 14, 3, 9; 1999 CG₈₇, 4, 1, 0; 1999 CL₈₇, 9, 2, 8; 1999 CQ₈₇, 9, 2, 3; 1999 CG₉₀, 13, 3, 22; 1999 CH₉₀, 12, 3, 8; 1999 CY₉₀, 5, 1, 0; 1999 CK₉₁, 5, 1, 0; 1999 CH₉₂, 3, 1, 0; 1999 CU₉₂, 8, 1, 0; 1999 CQ₉₃, 3, 1, 0; 1999 CN₉₅, 6, 2, 8; 1999 CZ₉₇, 6, 2, 1; 1999 CH₉₈, 4, 1, 0; 1999 CQ₉₈, 9, 2, 4; 1999 CR₉₉, 7, 2, 7; 1999 CS₉₉, 10, 2, 3; 1999 CU₉₉, 5, 1, 0; 1999 CG₁₀₀, 21, 4, 8; 1999 CK₁₀₀, 4, 1, 0; 1999 CQ₁₀₀, 8, 2, 3; 1999 CD₁₀₁, 17, 4, 9; 1999 CH₁₀₁, 3, 1, 0; 1999 CK₁₀₁, 13, 3, 9; 1999 CL₁₀₁, 5, 1, 0; 1999 CN₁₀₁, 3, 1, 0; 1999 CW₁₀₁, 4, 1, 0; 1999 CM₁₀₂, 6, 2, 3; 1999 CW₁₀₂, 4, 1, 0; 1999 CQ₁₀₄, 7, 2, 1; 1999 CR₁₀₄, 11, 3, 8; 1999 CZ₁₀₄, 13, 3, 8; 1999 CY₁₀₅, 11, 3, 4; 1999 CA₁₀₆, 5, 1, 0; 1999 CE₁₀₆, 8, 2, 2; 1999 CF₁₀₆, 12, 3, 478; 1999 CK₁₀₆, 10, 2, 5; 1999 CM₁₀₆, 8, 2, 5; 1999 CR₁₀₆, 4, 1, 0; 1999 CR₁₀₇, 7, 2, 6; 1999 CT₁₀₇, 12, 3, 8; 1999 CH₁₀₉, 4, 1, 0; 1999 CG₁₁₀, 25, 5, 8; 1999 CS₁₁₀, 5, 1, 0; 1999 CV₁₁₀, 8, 2, 2; 1999 CX₁₁₀, 10, 2, 3; 1999 CZ₁₁₀, 9, 2, 940; 1999 CF₁₁₁, 10, 2, 4; 1999 CK₁₁₁, 13, 4, 8; 1999 CU₁₁₁, 5, 1, 0; 1999 CP₁₁₂, 3, 1, 0; 1999 CD₁₁₃, 5, 1, 0; 1999 CN₁₁₃, 9, 2, 167; 1999 CS₁₁₃, 8, 2, 5; 1999 CN₁₁₄, 11, 3, 9; 1999 CY₁₁₆, 18, 4, 9; 1999 CG₁₁₇, 15, 4, 8; 1999 CM₁₁₇, 10, 2, 6; 1999 CQ₁₁₇, 9, 3, 22; 1999 CZ₁₁₇, 3, 1, 0; 1999 CE₁₁₈, 10, 2, 167; 1999 CK₁₁₈, 10, 2, 4; 1999 CR₁₁₈, 4, 1, 0; 1999 CX₁₁₉, 5, 1, 0; 1999 CY₁₂₀, 5, 1, 0; 1999 CL₁₂₁, 5, 1, 0; 1999 CF₁₂₃, 4, 1, 0; 1999 CN₁₂₅, 5, 1, 0; 1999 CB₁₂₈, 3, 1, 0; 1999 CQ₁₃₇, 11, 3, 4; 1999 CH₁₃₈, 5, 1, 0; 1999 CY₁₄₅, 3, 1, 0; 1999 CD₁₅₀, 10, 2, 6; 1999 CX₁₅₀, 5, 1, 0; 1999 CY₁₅₀, 12, 3, 33; 1999 CG₁₅₂, 5, 1, 0; 1999 CL₁₅₄, 4, 1, 0; 1999 CD₁₅₆, 5, 1, 0; 1999 DK₅, 1, 0; 1999 DQ₁, 5, 1, 0; 1999 DZ₁, 15, 3, 3; 1999 DE₂, 18, 4, 8; 1999 DS₂, 9, 2, 8; 1999 DU₂, 5, 1, 0; 1999 DX₂, 10, 2, 2; 1999 DR₃, 5, 1, 0; 1999 DB₄, 10, 2, 2; 1999 DD₇, 11, 3, 3; 1999 DX₇, 17, 4, 8; 1999 EJ₆, 2, 6; 1999 EK₅, 1, 0; 1999 EQ₁, 3, 1, 0; 1999 EA₂, 5, 1, 0; 1999 EL₂, 13, 3, 3; 1999 EC₃, 3, 1, 0; 1999 EK₃, 4, 1, 0; 1999 ET₃, 6, 2, 2; 1999 EJ₄, 7, 2, 3; 1999 ER₄, 10, 2, 6; 1999 EV₄, 4, 1, 0; 1999 EG₅, 5, 1, 0; 1999 ER₅, 10, 3, 9; 1999 EU₅, 14, 3, 8; 1999 EE₁₁, 4, 1, 0; 1999 FF₁₈, 3, 8; 1999 FG₉, 2, 5; 1999 FJ₄, 1, 0; 1999 FN₃, 1, 0; 1999 FU₆, 2, 8; 1999 FW₁, 5, 1, 0; 1999 FB₄, 7, 2, 4; 1999 FP₅, 3, 1, 0; 1999 FE₆, 9, 2, 3; 1999 FA₇, 3, 1, 0; 1999 FN₇, 9, 2, 8; 1999 FA₉, 4, 1, 0; 1999 FB₉, 9, 2, 9; 1999 FG₉, 13, 2, 6; 1999 FV₁₂, 10, 2, 6; 1999 FO₁₄, 7, 2, 6; 1999 FU₁₇, 15, 3, 8; 1999 FN₁₈, 8, 2, 3; 1999 FE_{19</}

2; 1999 JC₂₄, 8, 2, 5; 1999 JN₂₄, 8, 2, 6; 1999 JB₂₆, 4, 1, 0; 1999 JE₂₆, 12, 3, 2; 1999 JZ₂₇, 3, 1, 0; 1999 JE₂₈, 12, 3, 361; 1999 JN₂₈, 5, 1, 0; 1999 JV₂₈, 5, 1, 0; 1999 JN₃₂, 9, 2, 6; 1999 JQ₃₂, 4, 1, 0; 1999 JW₃₂, 9, 2, 9; 1999 JL₃₃, 3, 1, 0; 1999 JX₃₃, 5, 1, 0; 1999 JU₃₄, 12, 3, 6; 1999 JW₃₄, 4, 1, 0; 1999 JC₃₅, 14, 3, 8; 1999 JE₃₅, 3, 1, 0; 1999 JK₃₇, 5, 1, 0; 1999 JQ₃₈, 13, 3, 8; 1999 JQ₃₉, 7, 2, 9; 1999 JR₃₉, 10, 2, 6; 1999 JX₄₂, 3, 1, 0; 1999 JR₄₅, 5, 1, 0; 1999 JG₄₆, 4, 1, 0; 1999 JL₄₆, 13, 3, 436; 1999 JH₄₈, 7, 2, 3; 1999 JC₄₉, 3, 1, 0; 1999 JH₄₉, 3, 1, 0; 1999 JR₅₂, 4, 1, 0; 1999 JA₅₈, 3, 1, 0; 1999 JU₅₈, 3, 1, 0; 1999 JR₆₆, 5, 1, 0; 1999 JL₆₇, 3, 1, 0; 1999 JX₆₈, 4, 1, 0; 1999 JQ₇₀, 3, 1, 0; 1999 JR₇₀, 5, 1, 0; 1999 JP₇₁, 3, 1, 0; 1999 JJ₇₂, 3, 1, 0; 1999 JK₇₃, 3, 1, 0; 1999 JM₇₃, 4, 1, 0; 1999 JT₇₅, 5, 1, 0; 1999 JU₇₅, 5, 1, 0; 1999 JT₇₆, 4, 1, 0; 1999 JX₇₆, 15, 3, 3; 1999 JC₇₇, 8, 2, 3; 1999 JB₇₉, 8, 2, 49; 1999 JD₇₉, 17, 3, 4; 1999 JE₇₉, 5, 1, 0; 1999 JV₈₂, 5, 1, 0; 1999 JU₈₃, 17, 4, 8; 1999 JA₈₆, 4, 1, 0; 1999 JH₈₆, 14, 3, 8; 1999 JM₈₆, 19, 4, 8; 1999 JQ₈₆, 4, 1, 0; 1999 JK₈₉, 3, 1, 0; 1999 JR₉₁, 8, 2, 5; 1999 JN₉₅, 14, 4, 356; 1999 JH₉₇, 5, 1, 0; 1999 JL₉₈, 5, 1, 0; 1999 JB₉₉, 4, 1, 0; 1999 JW₁₀₃, 8, 2, 8; 1999 JC₁₀₄, 10, 2, 59; 1999 JO₁₀₄, 9, 2, 59; 1999 JR₁₀₄, 14, 3, 80; 1999 JK₁₀₅, 4, 1, 0; 1999 JB₁₀₈, 4, 1, 0; 1999 JX₁₀₉, 3, 1, 0; 1999 JT₁₁₅, 5, 1, 0; 1999 JN₁₁₆, 3, 1, 0; 1999 KQ₄, 4, 1, 0; 1999 KX₄, 4, 1, 0; 1999 KV₉, 3, 1, 0; 1999 KC₁₇, 4, 1, 0; 1999 LV₄, 8, 2, 917; 1999 LV₁₁, 5, 1, 0; 1999 LG₁₃, 5, 1, 0; 1999 LQ₃₂, 3, 1, 0; 1999 NE₉, 4, 1, 0; 1999 NN₁₃, 15, 3, 88; 1999 NW₄₇, 5, 1, 0; 1999 NP₅₃, 4, 1, 0; 1999 PL₆, 4, 1, 0; 1999 RP₃₆, 5, 1, 0; 1999 RO₄₆, 12, 3, 950; 1999 RQ₆₄, 5, 1, 0; 1999 RH₆₇, 4, 1, 0; 1999 RP₇₁, 5, 1, 0; 1999 RH₁₀₂, 5, 1, 0; 1999 RS₁₅₀, 4, 1, 0; 1999 RC₁₆₂, 5, 1, 0; 1999 RV₁₇₄, 3, 1, 0; 1999 RM₁₈₁, 4, 1, 0; 1999 RO₂₀₆, 4, 1, 0; 1999 RL₂₃₆, 3, 1, 0; 1999 RY₂₄₅, 4, 1, 0; 1999 RX₂₅₃, 8, 2, 30; 1999 SV₇, 9, 2, 506; 1999 TZ₅₄, 4, 1, 0; 1999 TV₅₈, 3, 1, 0; 1999 TZ₁₀₆, 16, 3, 30; 1999 TH₁₅₁, 4, 1, 0; 1999 TG₂₀₈, 4, 1, 0; 1999 TA₂₁₆, 3, 1, 0; 1999 TT₂₂₀, 18, 4, 520; 1999 TQ₂₂₆, 4, 1, 0; 1999 TW₂₃₁, 4, 1, 0; 1999 TS₂₄₃, 5, 1, 0; 1999 TL₂₄₈, 12, 3, 24; 1999 UK₇, 13, 3, 8; 1999 UB₁₅, 3, 1, 0; 1999 UO₂₃, 5, 1, 0; 1999 VE₁, 4, 1, 0; 1999 VB₅₃, 8, 2, 22; 1999 VX₇₉, 4, 1, 0; 1999 VY₁₂₃, 4, 1, 0; 1999 VW₁₂₄, 4, 1, 0; 1999 VF₁₂₅, 4, 1, 0; 1999 VX₁₅₃, 5, 1, 0; 1999 VK₁₇₀, 5, 1, 0; 1999 VG₁₇₂, 4, 1, 0; 1999 VW₁₉₇, 5, 1, 0; 1999 VJ₂₀₀, 3, 1, 0; 1999 VD₂₀₉, 5, 1, 0; 1999 XA₅, 1, 0; 1999 XB₇, 4, 1, 0; 1999 XT₁₀, 3, 1, 0; 1999 XN₂₀, 6, 2, 26; 1999 XX₃₁, 9, 2, 9; 1999 XZ₃₃, 29, 5, 5; 1999 XL₃₃, 28, 7, 1103; 1999 XP₃₄, 12, 3, 8; 1999 XR₃₄, 5, 1, 0; 1999 XA₃₅, 4, 1, 0; 1999 XB₅₃, 8, 2, 27; 1999 XN₇₈, 4, 1, 0; 1999 XA₈₄, 4, 1, 0; 1999 XE₈₆, 3, 1, 0; 1999 XV₉₀, 9, 2, 6; 1999 XX₉₉, 3, 1, 0; 1999 XQ₁₀₀, 4, 1, 0; 1999 XN₁₀₁, 3, 1, 0; 1999 XT₁₀₅, 9, 2, 5; 1999 XA₁₁₂, 14, 3, 65; 1999 XP₁₂₄, 4, 1, 0; 1999 XZ₁₂₈, 4, 1, 0; 1999 XH₁₃₅, 3, 1, 0; 1999 XO₁₃₆, 5, 1, 0; 1999 XF₁₃₇, 5, 1, 0; 1999 XR₁₄₀, 7, 2, 27; 1999 XW₁₄₁, 4, 1, 0; 1999 XC₁₄₂, 5, 1, 0; 1999 XO₁₄₃, 4, 1, 0; 1999 XA₁₄₄, 3, 1, 0; 1999 XN₁₄₇, 4, 1, 0; 1999 XD₁₅₁, 4, 1, 0; 1999 XE₁₅₈, 9, 2, 1033; 1999 XY₁₆₀, 14, 3, 8; 1999 XK₁₆₂, 8, 2, 8; 1999 XM₁₆₄, 3, 1, 0; 1999 XU₁₇₈, 3, 1, 0; 1999 XB₁₈₀, 3, 1, 0; 1999 XW₁₈₃, 5, 1, 0; 1999 XG₂₁₆, 5, 1, 0; 1999 XZ₂₂₀, 4, 1, 0; 1999 XZ₂₂₅, 13, 3, 4; 1999 XU₂₂₅, 13, 3, 8; 1999 XB₂₃₂, 3, 1, 0; 1999 XK₂₃₄, 4, 1, 0; 1999 XV₂₆₁, 7, 2, 87; 1999 YL₄, 1, 0; 1999 YT₂, 8, 2, 3; 1999 YG₉, 8, 2, 3; 1999 YJ₁₆, 18, 3, 7; 1999 YL₁₈, 10, 2, 28; 2000 AD₃, 5, 1, 0; 2000 AZ₅, 3, 1, 0; 2000 AY₉, 5, 1, 0; 2000 AQ₂₉, 4, 1, 0; 2000 AG₃₀, 3, 1, 0; 2000 AD₃₈, 4, 1, 0; 2000 AN₄₀, 5, 1, 0; 2000 AU₄₂, 3, 1, 0; 2000 AH₄₃, 3, 1, 0; 2000 AK₄₃, 3, 1, 0; 2000 AW₄₄, 5, 1, 0; 2000 AM₄₇, 9, 2, 8; 2000 AZ₄₇, 9, 2, 3; 2000 AP₄₈, 3, 1, 0; 2000 AL₄₉, 4, 1, 0; 2000 AK₅₄, 12, 3, 24; 2000 AE₅₅, 7, 2, 7; 2000 AM₅₆, 9, 2, 3; 2000 AC₅₇, 4, 1, 0; 2000 AU₅₈, 8, 2, 6; 2000 AW₅₈, 9, 2, 2; 2000 AL₅₉, 13, 3, 4; 2000 AP₅₉, 9, 2, 4; 2000 AQ₅₉, 8, 2, 3; 2000 AR₅₉, 3, 1, 0; 2000 AB₆₁, 7, 2, 6; 2000 AN₆₁, 8, 2, 6; 2000 AA₆₂, 3, 1, 0; 2000 AE₆₂, 9, 2, 1008; 2000 AL₆₂, 3, 1, 0; 2000 AA₆₃, 4, 1, 0; 2000 AO₆₃, 4, 1, 0; 2000 AF₆₄, 9, 2, 3; 2000 AK₆₄, 4, 1, 0; 2000 AA₆₈, 13, 3, 3; 2000 AJ₇₄, 3, 1, 0; 2000 AC₈₆, 4, 1, 0; 2000 AP₈₆, 5, 1, 0; 2000 AQ₈₆, 3, 1, 0; 2000 AV₈₆, 9, 2, 8; 2000 AJ₉₁, 13, 3, 8; 2000 AP₉₁, 10, 2, 3; 2000 AR₉₃, 13, 3, 1153; 2000 AU₉₅, 5, 1, 0; 2000 AD₉₆, 9, 2, 8; 2000 AL₉₆, 13, 3, 38; 2000 AM₉₆, 3, 1, 0; 2000 AN₉₆, 8, 2, 3; 2000 AQ₉₆, 10, 3, 9; 2000 AR₉₆, 3, 1, 0; 2000 AW₉₆, 13, 3, 3; 2000 AG₉₇, 23, 5, 9; 2000 AN₉₇, 10, 2, 3; 2000 AO₉₇, 5, 1, 0; 2000 AH₉₈, 5, 1, 0; 2000 AN₉₈, 8, 2, 5; 2000 AD₁₀₃, 12, 3, 77; 2000 AR₁₁₃, 3, 1, 0; 2000 AX₁₁₄, 10, 2, 3; 2000 AJ₁₁₅, 15, 3, 4; 2000 AX₁₁₅, 3, 1, 0; 2000 AA₁₁₆, 5, 1, 0; 2000 AJ₁₁₆, 3, 1, 0; 2000 AJ₁₁₈, 3, 1, 0; 2000 AX₁₁₉, 13, 3, 8; 2000 AO₁₂₂, 3, 1, 0; 2000 AG₁₂₃, 6, 2, 3; 2000 AW₁₂₃, 7, 2, 6; 2000 AS₁₂₄, 9, 2, 27; 2000 AD₁₂₆, 6, 2, 20; 2000 AG₁₂₆, 3, 1, 0; 2000 AH₁₂₆, 4, 1, 0; 2000 AW₁₂₆, 14, 3, 8; 2000 AE₁₂₇, 20, 4, 9; 2000 AD₁₂₉, 15, 3, 4; 2000 AN₁₃₂, 8, 2, 6; 2000 AQ₁₃₅, 5, 1, 0; 2000 AT₁₃₆, 18, 4, 8; 2000 AU₁₃₆, 7, 2, 6; 2000 AF₁₃₇, 7, 2, 5; 2000 AT₁₃₇, 8, 2, 6; 2000 AV₁₃₇, 9, 2, 3; 2000 AY₁₃₇, 15, 3, 3; 2000 AB₁₃₈, 19, 4, 9; 2000 AL₁₄₂, 11, 3, 8; 2000 AA₁₄₃, 3, 2, 3; 2000 AF₁₄₃, 4, 1, 0; 2000 AK₁₄₃, 3, 1, 0; 2000 AB₁₄₄, 16, 4, 7; 2000 AE₁₄₄, 4, 1, 0; 2000 AL₁₄₄, 13, 3, 3; 2000 AZ₁₄₄, 12, 3, 8; 2000 AM₁₄₆, 4, 1, 0; 2000 AY₁₄₆, 4, 1, 0; 2000 AW₁₅₀, 5, 1, 0; 2000 AY₁₅₂, 19, 4, 9; 2000 AD₁₅₃, 21, 5, 5; 2000 AN₁₆₁, 13, 3, 9; 2000 AJ₁₆₂, 13, 4, 4; 2000 AQ₁₆₂, 9, 3, 116; 2000 AL₁₆₄, 15, 3, 8; 2000 AO₁₆₄, 9, 2, 8; 2000 AM₁₆₆, 4, 1, 0; 2000 AM₁₆₇, 5, 1, 0; 2000 AG₁₆₈, 3, 1, 0; 2000 AS₁₆₈, 13, 3, 8; 2000 AZ₁₆₈, 5, 1, 0; 2000 AE₁₇₂, 4, 1, 0; 2000 AQ₁₇₇, 3, 1, 0; 2000 AA₁₇₈, 4, 1, 0; 2000 AM₁₈₅, 8, 2, 5; 2000 AU₁₈₅, 5, 1, 0; 2000 AK₁₉₃, 6, 2, 7; 2000 AK₁₉₄, 13, 3, 915; 2000 AU₁₉₅, 3, 1, 0; 2000 AT₁₉₈, 12, 3, 14; 2000 AV₂₀₂, 4, 1, 0; 2000 AB₂₀₃, 5, 1, 0; 2000 AC₂₀₃, 4, 1, 0; 2000 AF₂₀₃, 8, 2, 8; 2000 AG₂₀₃, 3, 1, 0; 2000 AH₂₀₃, 5, 1, 0; 2000 AR₂₀₃, 5, 1, 0; 2000 AZ₂₀₃, 11, 3, 8; 2000 AJ₂₀₄, 14, 3, 33; 2000 AU₂₀₄, 4, 1, 0; 2000 AD₂₁₂, 15, 3, 3; 2000 AJ₂₁₂, 15, 3, 8; 2000 AK₂₁₂, 16, 4, 8; 2000 AA₂₁₆, 13, 3, 8; 2000 AC₂₁₆, 8, 2, 23; 2000 AP₂₂₃, 9, 2, 3; 2000 AN₂₂₇, 12, 3, 8; 2000 AV₂₃₂, 4, 1, 0; 2000 AM₂₃₃, 9, 2, 6; 2000 AP₂₃₃, 15, 3, 3; 2000 AO₂₃₆, 20, 4, 8; 2000 AT₂₃₆, 5, 1, 0; 2000 AU₂₃₆, 3, 1, 0; 2000 AA₂₃₇, 8, 2, 5; 2000 AQ₂₃₇, 19, 4, 8; 2000 AS₂₃₇, 4, 1, 0; 2000 AP₂₃₉, 13, 3, 1150; 2000 AZ₂₃₉, 18, 4, 9;

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 2000 GY₁₅₇, 4, 1, 0; 2000 GY₁₅₈, 14, 3, 8; 2000 GH₁₅₉, 9, 2, 8; 2000 GR₁₅₉, 17, 4, 8; 2000 GA₁₆₀,
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 2000 GV₁₆₂, 3, 1, 0; 2000 GT₁₆₃, 7, 2, 6; 2000 GN₁₆₅, 10, 2, 4; 2000 GF₁₆₆, 21, 5, 8; 2000 GZ₁₆₆,
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 16, 4, 8; 2000 HW₁₂, 3, 8; 2000 HS₁, 5, 1, 0; 2000 HY₁, 13, 2, 5; 2000 HT₂, 3, 1, 0; 2000 HW₃,
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 3, 8; 2000 HA₆, 12, 3, 8; 2000 HG₆, 8, 2, 33; 2000 HM₆, 9, 2, 6; 2000 HX₆, 3, 1, 0; 2000 HL₇, 8,
 2, 8;
 2000 HN₇, 8, 2, 7; 2000 HP₇, 4, 1, 0; 2000 HF₈, 8, 2, 3; 2000 HN₈, 4, 1, 0; 2000 HQ₈, 5, 1, 0;
 2000 HS₈, 12, 3, 9; 2000 HX₈, 5, 1, 0; 2000 HZ₈, 8, 2, 5; 2000 HD₉, 5, 1, 0; 2000 HM₉, 5, 1, 0;
 2000 HQ₉, 4, 1, 0; 2000 HA₁₀, 4, 1, 0; 2000 HD₁₀, 16, 4, 8; 2000 HE₁₀, 15, 3, 3; 2000 HO₁₀, 4, 1,
 0; 2000 HP₁₀, 13, 3, 5; 2000 HQ₁₀, 17, 4, 8; 2000 HA₁₁, 4, 1, 0; 2000 HD₁₁, 8, 2, 6; 2000 HP₁₁, 3,
 1, 0; 2000 HC₁₂, 8, 2, 5; 2000 HH₁₂, 4, 1, 0; 2000 HN₁₂, 8, 2, 4; 2000 HU₁₂, 5, 1, 0; 2000 HX₁₂,
 10, 2, 5; 2000 HY₁₂, 11, 3, 8; 2000 HZ₁₂, 10, 2, 4; 2000 HA₁₃, 4, 1, 0; 2000 HG₁₃, 5, 1, 0;
 2000 HH₁₃, 18, 4, 8; 2000 HJ₁₃, 7, 2, 6; 2000 HK₁₃, 31, 6, 8; 2000 HN₁₃, 18, 4, 8; 2000 HS₁₃, 10,
 2, 4; 2000 HY₁₃, 10, 2, 6; 2000 HF₁₄, 8, 2, 2; 2000 HG₁₄, 8, 2, 6; 2000 HJ₁₄, 7, 2, 6; 2000 HP₁₄,
 9, 2, 5; 2000 HB₁₅, 8, 2, 5; 2000 HE₁₅, 5, 1, 0; 2000 HF₁₅, 5, 1, 0; 2000 HT₁₆, 7, 2, 6; 2000 HA₁₇,
 10, 3, 8; 2000 HQ₁₈, 3, 1, 0; 2000 HK₂₁, 4, 1, 0; 2000 HP₂₁, 13, 3, 8; 2000 HU₂₁, 9, 2, 6;
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 8; 2000 HP₂₄, 5, 1, 0; 2000 HE₂₅, 3, 1, 0; 2000 HK₂₅, 4, 1, 0; 2000 HZ₂₅, 3, 1, 0; 2000 HC₂₆, 8, 2,
 7; 2000 HK₂₆, 5, 1, 0; 2000 HM₂₆, 4, 1, 0; 2000 HO₂₆, 5, 1, 0; 2000 HR₂₆, 8, 2, 6; 2000 HY₂₆, 5, 1,
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 1, 0; 2000 HN₂₉, 4, 1, 0; 2000 HT₂₉, 7, 2, 6; 2000 HC₃₀, 11, 3, 6; 2000 HL₃₀, 4, 1, 0; 2000 HN₃₀,
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 2000 HH₃₁, 8, 2, 9; 2000 HM₃₁, 5, 1, 0; 2000 HN₃₁, 4, 1, 0; 2000 HR₃₁, 6, 2, 3; 2000 HY₃₁, 4, 1,
 0; 2000 HF₃₂, 12, 3, 6; 2000 HH₃₂, 3, 1, 0; 2000 HX₃₂, 9, 2, 4; 2000 HA₃₃, 3, 1, 0; 2000 HC₃₃,
 13, 3, 8; 2000 HE₃₃, 8, 2, 2; 2000 HL₃₃, 5, 1, 0; 2000 HT₃₃, 13, 3, 8; 2000 HE₃₄, 14, 3, 9;
 2000 HC₃₅, 3, 1, 0; 2000 HD₃₅, 3, 1, 0; 2000 HN₃₅, 13, 3, 7; 2000 HO₃₅, 5, 1, 0; 2000 HP₃₅, 12,
 3, 4; 2000 HU₃₅, 15, 3, 9; 2000 HV₃₅, 9, 2, 5; 2000 HY₃₅, 4, 1, 0; 2000 HA₃₆, 9, 3, 9; 2000 HB₃₆,
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12, 3, 8; 2000 HJ₈₁, 14, 3, 3; 2000 HW₈₁, 9, 2, 8; 2000 HG₈₃, 10, 2, 1; 2000 HY₈₄, 5, 1, 0; 2000 HX₈₅, 9, 2, 3; 2000 HY₈₅, 22, 5, 9; 2000 HH₈₇, 4, 1, 0; 2000 HK₈₇, 4, 1, 0; 2000 HS₈₈, 4, 1, 0; 2000 HP₈₉, 12, 3, 5; 2000 HW₈₉, 7, 2, 8; 2000 HX₈₉, 10, 3, 9; 2000 HZ₈₉, 7, 2, 3; 2000 HC₉₀, 4, 1, 0; 2000 HQ₉₀, 17, 4, 8; 2000 HC₉₁, 5, 1, 0; 2000 HS₉₃, 26, 5, 9; 2000 HJ₉₅, 4, 1, 0; 2000 HR₉₅, 8, 2, 8; 2000 HO₉₆, 12, 3, 4; 2000 HJ₁₀₀, 15, 3, 8; 2000 HZ₁₀₁, 5, 1, 0; 2000 HY₁₀₃, 18, 4, 8; 2000 HZ₁₀₃, 14, 3, 3; 2000 JA, 22, 4, 9; 2000 JE, 10, 2, 1; 2000 JO, 3, 1, 0; 2000 JW, 5, 1, 0; 2000 JN₁, 11, 3, 7; 2000 JR₂, 3, 1, 0; 2000 JY₂, 4, 1, 0; 2000 JS₅, 9, 2, 3; 2000 JX₅, 17, 3, 923; 2000 JH₆, 12, 3, 8; 2000 JR₆, 3, 1, 0; 2000 JJ₇, 8, 2, 1390; 2000 JN₇, 6, 2, 9; 2000 JU₇, 16, 3, 9; 2000 JE₉, 3, 1, 0; 2000 JH₉, 8, 2, 2; 2000 JO₉, 5, 1, 0; 2000 JX₉, 4, 1, 0; 2000 JS₁₀, 5, 1, 0; 2000 JC₁₁, 3, 1, 0; 2000 JS₁₁, 5, 1, 0; 2000 JV₁₁, 5, 1, 0; 2000 JK₁₂, 10, 3, 8; 2000 JP₁₂, 5, 1, 0; 2000 JF₁₄, 8, 2, 9; 2000 JH₁₄, 12, 3, 4; 2000 JM₁₄, 5, 1, 0; 2000 JO₁₄, 3, 1, 0; 2000 JT₁₄, 15, 4, 9; 2000 JV₁₄, 10, 2, 3; 2000 JW₁₄, 8, 2, 1; 2000 JU₁₅, 5, 1, 0; 2000 JW₁₅, 18, 4, 9; 2000 JO₁₆, 4, 1, 0; 2000 JA₁₇, 20, 4, 8; 2000 JG₁₇, 8, 2, 6; 2000 JN₁₇, 3, 1, 0; 2000 JP₁₇, 4, 1, 0; 2000 JV₁₇, 3, 1, 0; 2000 JB₁₈, 8, 2, 3; 2000 JC₁₈, 9, 2, 9; 2000 JJ₁₈, 3, 1, 0; 2000 JD₁₉, 17, 4, 8; 2000 JF₁₉, 4, 1, 0; 2000 JH₁₉, 10, 2, 5; 2000 JR₁₉, 5, 1, 0; 2000 JS₁₉, 12, 3, 8; 2000 JV₁₉, 8, 2, 8; 2000 JY₁₉, 15, 3, 9; 2000 JZ₁₉, 22, 4, 8; 2000 JA₂₀, 5, 1, 0; 2000 JH₂₀, 7, 2, 21; 2000 JJ₂₀, 7, 2, 4; 2000 JQ₂₀, 10, 2, 7; 2000 JR₂₀, 3, 1, 0; 2000 JT₂₀, 8, 2, 4; 2000 JU₂₀, 9, 2, 6; 2000 JW₂₀, 5, 1, 0; 2000 JX₂₀, 18, 4, 25; 2000 JE₂₁, 8, 2, 5; 2000 JS₂₁, 6, 2, 8; 2000 JF₂₂, 7, 2, 5; 2000 JQ₂₂, 17, 3, 2; 2000 JU₂₂, 5, 1, 0; 2000 JX₂₂, 10, 2, 8; 2000 JE₂₃, 13, 3, 8; 2000 JE₂₃, 4, 1, 0; 2000 JJ₂₃, 5, 1, 0; 2000 JL₂₃, 8, 2, 5; 2000 JR₂₃, 10, 2, 3; 2000 JS₂₃, 5, 1, 0; 2000 JZ₂₃, 5, 1, 0; 2000 JJ₂₄, 12, 3, 8; 2000 JN₂₄, 14, 3, 3; 2000 JP₂₄, 5, 1, 0; 2000 JQ₂₄, 5, 1, 0; 2000 JU₂₄, 7, 2, 5; 2000 JV₂₄, 20, 4, 8; 2000 JY₂₄, 12, 3, 3; 2000 JG₂₅, 13, 3, 8; 2000 JJ₂₅, 10, 2, 5; 2000 JW₂₅, 8, 2, 8; 2000 JC₂₆, 9, 2, 5; 2000 JJ₂₆, 10, 2, 6; 2000 JM₂₆, 9, 2, 8; 2000 JO₂₆, 13, 3, 8; 2000 JQ₂₆, 7, 2, 4; 2000 JW₂₆, 18, 5, 7; 2000 JY₂₆, 7, 2, 3; 2000 JB₂₇, 16, 3, 8; 2000 JH₂₇, 12, 3, 6; 2000 JO₂₇, 13, 3, 7; 2000 JP₂₇, 14, 3, 4; 2000 JX₂₇, 9, 2, 3; 2000 JD₂₈, 14, 3, 8; 2000 JG₂₈, 8, 2, 5; 2000 JM₂₈, 21, 5, 5; 2000 JN₂₈, 7, 2, 9; 2000 JQ₂₈, 14, 3, 3; 2000 JD₂₉, 18, 4, 8; 2000 JK₂₉, 17, 4, 9; 2000 JO₂₉, 12, 3, 8; 2000 JT₂₉, 8, 2, 3; 2000 JW₂₉, 4, 1, 0; 2000 JZ₂₉, 6, 2, 8; 2000 JC₃₀, 11, 3, 8; 2000 JK₃₀, 14, 3, 8; 2000 JL₃₀, 11, 3, 8; 2000 JO₃₀, 12, 3, 8; 2000 JY₃₀, 3, 1, 0; 2000 JL₃₁, 5, 1, 0; 2000 JZ₃₁, 5, 1, 0; 2000 JD₃₂, 5, 1, 0; 2000 JE₃₂, 3, 1, 0; 2000 JJ₃₂, 4, 1, 0; 2000 JV₃₂, 4, 1, 0; 2000 JY₃₂, 8, 2, 2; 2000 JK₃₃, 4, 1, 0; 2000 JS₃₃, 3, 1, 0; 2000 JT₃₃, 8, 2, 36; 2000 JR₃₄, 5, 1, 0; 2000 JT₃₄, 4, 1, 0; 2000 JP₃₅, 7, 1, 0; 2000 JX₃₅, 17, 4, 9; 2000 JB₃₆, 4, 1, 0; 2000 JD₃₆, 9, 2, 17; 2000 JE₃₆, 4, 1, 0; 2000 JN₃₆, 5, 1, 0; 2000 JS₃₆, 5, 1, 0; 2000 JW₃₆, 12, 3, 8; 2000 JA₃₇, 12, 3, 9; 2000 JD₃₇, 19, 4, 9; 2000 JF₃₇, 8, 2, 1386; 2000 JJ₃₇, 4, 1, 0; 2000 JL₃₇, 8, 2, 2; 2000 JX₃₇, 4, 1, 0; 2000 JY₃₇, 4, 1, 0; 2000 JF₃₈, 9, 2, 17; 2000 JH₃₈, 9, 2, 6; 2000 JN₃₈, 5, 1, 0; 2000 JS₃₈, 5, 1, 0; 2000 JV₃₈, 6, 2, 4; 2000 JA₃₉, 9, 2, 6; 2000 JC₃₉, 5, 1, 0; 2000 JK₃₉, 5, 1, 0; 2000 JL₃₉, 13, 3, 9; 2000 JP₃₉, 10, 2, 5; 2000 JQ₃₉, 18, 4, 9; 2000 JS₃₉, 4, 1, 0; 2000 JU₃₉, 7, 2, 6; 2000 JT₄₀, 5, 1, 0; 2000 JW₄₀, 5, 1, 0; 2000 JX₄₀, 3, 1, 0; 2000 JA₄₁, 5, 1, 0; 2000 JJ₄₁, 8, 2, 8; 2000 JF₄₃, 3, 1, 0; 2000 JB₄₄, 18, 4, 9; 2000 JG₄₄, 12, 3, 9; 2000 JH₄₅, 4, 1, 0; 2000 JJ₄₅, 18, 3, 3; 2000 JK₄₅, 8, 2, 3; 2000 JO₄₅, 22, 4, 4; 2000 JX₄₅, 3, 1, 0; 2000 JZ₄₅, 7, 2, 5; 2000 JD₄₆, 5, 1, 0; 2000 JF₄₆, 4, 1, 0; 2000 JW₄₆, 3, 1, 0; 2000 JZ₄₆, 8, 2, 8; 2000 JF₄₇, 9, 2, 5; 2000 JO₄₇, 5, 1, 0; 2000 JS₄₇, 15, 3, 8; 2000 JG₄₈, 8, 2, 5; 2000 JE₄₉, 5, 1, 0; 2000 JF₄₉, 5, 1, 0; 2000 JP₄₉, 9, 3, 8; 2000 JE₅₀, 4, 1, 0; 2000 JL₅₀, 5, 1, 0; 2000 JQ₅₀, 3, 1, 0; 2000 JR₅₀, 5, 1, 0; 2000 JY₅₀, 5, 1, 0; 2000 JE₅₁, 5, 1, 0; 2000 JF₅₁, 5, 1, 0; 2000 JQ₅₁, 4, 1, 0; 2000 JW₅₁, 8, 2, 18; 2000 JU₅₂, 5, 1, 0; 2000 JZ₅₂, 9, 2, 29; 2000 JH₅₃, 9, 2, 6; 2000 JV₅₃, 9, 2, 6; 2000 JZ₅₃, 4, 1, 0; 2000 JC₅₄, 19, 4, 9; 2000 JK₅₄, 3, 1, 0; 2000 JS₅₄, 7, 2, 5; 2000 JW₅₄, 4, 1, 0; 2000 JX₅₄, 4, 1, 0; 2000 JE₅₅, 20, 4, 8; 2000 JH₅₅, 5, 1, 0; 2000 JX₅₅, 23, 4, 9; 2000 JE₅₆, 16, 4, 9; 2000 JP₅₆, 6, 2, 2; 2000 JK₅₇, 4, 1, 0; 2000 JN₅₇, 4, 1, 0; 2000 JS₅₇, 5, 1, 0; 2000 JT₅₇, 12, 3, 6; 2000 JT₅₈, 11, 3, 8; 2000 JU₅₈, 5, 1, 0; 2000 JZ₅₈, 5, 1, 0; 2000 JB₅₉, 5, 1, 0; 2000 JE₅₉, 9, 2, 22; 2000 JH₅₉, 5, 1, 0; 2000 JK₅₉, 10, 2, 4; 2000 JR₅₉, 7, 2, 3; 2000 JV₅₉, 4, 1, 0; 2000 JY₅₉, 5, 1, 0; 2000 JN₆₀, 3, 1, 0; 2000 JQ₆₀, 10, 2, 8; 2000 JK₆₁, 8, 2, 11; 2000 JF₆₂, 5, 1, 0; 2000 JO₆₂, 12, 3, 8; 2000 JU₆₂, 9, 2, 3; 2000 JY₆₂, 10, 2, 5; 2000 JZ₆₂, 7, 2, 5; 2000 JB₆₃, 4, 1, 0; 2000 JD₆₃, 8, 2, 6; 2000 JG₆₄, 5, 1, 0; 2000 JH₆₄, 5, 1, 0; 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12, 3, 588; 2001 OK₁₃, 13, 3, 9; 2001 OL₁₃, 16, 4, 9; 2001 ON₁₃, 13, 3, 4; 2001 OO₁₃, 14, 3, 4; 2001 OP₁₃, 18, 3, 4; 2001 OQ₁₃, 3, 1, 0; 2001 OR₁₃, 20, 4, 9; 2001 OT₁₃, 27, 6, 1011; 2001 OU₁₃, 13, 3, 507; 2001 OE₁₄, 12, 3, 4; 2001 OF₁₄, 15, 3, 3; 2001 OH₁₄, 8, 2, 2; 2001 OJ₁₄, 14, 3, 3; 2001 OK₁₄, 8, 2, 7; 2001 OM₁₄, 31, 5, 8; 2001 ON₁₄, 14, 3, 3; 2001 OO₁₄, 10, 2, 5; 2001 OR₁₄, 24, 5, 1357; 2001 OS₁₄, 15, 3, 3; 2001 OT₁₄, 15, 3, 3; 2001 OU₁₄, 12, 3, 4; 2001 OV₁₄, 5, 1, 0; 2001 OW₁₄, 5, 1, 0; 2001 OC₁₆, 8, 2, 6; 2001 OF₁₆, 5, 1, 0; 2001 OJ₁₆, 9, 1, 0; 2001 OK₁₆, 5, 1, 0; 2001 OM₁₆, 5, 1, 0; 2001 ON₁₆, 10, 2, 3; 2001 OR₁₆, 13, 3, 8; 2001 OT₁₆, 8, 2, 3; 2001 OV₁₆, 7, 2, 5; 2001 OW₁₆, 8, 2, 5; 2001 OY₁₆, 11, 3, 8; 2001 OZ₁₆, 9, 2, 561; 2001 OD₁₇, 7, 2, 5; 2001 OE₁₇, 5, 1, 0; 2001 OT₁₇, 7, 2, 6; 2001 OU₁₇, 7, 2, 8; 2001 OV₁₇, 10, 2, 6; 2001 OA₁₈, 12, 3, 8; 2001 OF₁₈, 3, 1, 0; 2001 OH₁₈, 8, 2, 6; 2001 OL₁₈, 11, 3, 13; 2001 OM₁₈, 3, 1, 0; 2001 ON₁₈, 3, 1, 0; 2001 OR₁₈, 3, 1, 0; 2001 OW₁₈, 7, 2, 9; 2001 OX₁₈, 4, 1, 0; 2001 OY₁₈, 3, 1, 0; 2001 OZ₁₈, 11, 3, 8; 2001 OA₁₉, 20, 4, 8; 2001 OE₁₉, 7, 2, 5; 2001 OL₁₉, 3, 1, 0; 2001 OQ₁₉, 9, 2, 979; 2001 OS₁₉, 7, 2, 8; 2001 OT₁₉, 10, 2, 3; 2001 OV₁₉, 16, 4, 8; 2001 OW₁₉, 10, 2, 3; 2001 OB₂₀, 3, 1, 0; 2001 OD₂₀, 8, 2, 4; 2001 OF₂₀, 5, 1, 0; 2001 OG₂₀, 8, 2, 83; 2001 OH₂₀, 9, 2, 1; 2001 OL₂₀, 3, 1, 0; 2001 OP₂₀, 5, 1, 0; 2001 OR₂₀, 4, 1, 0; 2001 OT₂₀, 4, 1, 0; 2001 OU₂₀, 13, 3, 441; 2001 OV₂₀, 13, 3, 4; 2001 OY₂₀, 13, 3, 7; 2001 OA₂₁, 46, 8, 1248; 2001 OB₂₁, 15, 3, 4; 2001 OD₂₁, 3, 1, 0; 2001 OE₂₁, 13, 3, 4; 2001 OF₂₁, 10, 2, 2; 2001 OJ₂₁, 15, 3, 4; 2001 OK₂₁, 9, 2, 8; 2001 OM₂₁, 3, 1, 0; 2001 OP₂₁, 23, 5, 8; 2001 OS₂₁, 13, 3, 8; 2001 OT₂₁, 12, 3, 8; 2001 OU₂₁, 18, 4, 8; 2001 OW₂₁, 25, 6, 948; 2001 OX₂₁, 5, 1, 0; 2001 OY₂₁, 18, 4, 8; 2001 OZ₂₁, 13, 3, 6; 2001 OA₂₂, 18, 4, 8; 2001 OD₂₂, 18, 4, 382; 2001 OE₂₂, 8, 2, 2; 2001 OG₂₂, 3, 1, 0; 2001 OK₂₂, 4, 1, 0; 2001 OM₂₂, 4, 1, 0; 2001 OX₂₂, 5, 1, 0; 2001 OY₂₂, 10, 2, 4; 2001 OD₂₃, 14, 3, 504; 2001 OF₂₃, 5, 1, 0; 2001 OG₂₃, 10, 2, 77; 2001 OH₂₃, 4, 1, 0; 2001 OP₂₃, 8, 2, 8; 2001 OQ₂₃, 3, 1, 0; 2001 OW₂₃, 5, 1, 0; 2001 OX₂₃, 12, 3, 5; 2001 OY₂₃, 9, 2, 9; 2001 OA₂₄, 10, 2, 3; 2001 OC₂₄, 4, 1, 0; 2001 OD₂₄, 8, 2, 9; 2001 OE₂₄, 8, 2, 29; 2001 OG₂₄, 10, 2, 3; 2001 OH₂₄, 8, 2, 5; 2001 OJ₂₄, 16, 3, 7; 2001 OL₂₄, 6, 2, 5; 2001 OM₂₄, 9, 2, 3; 2001 OO₂₄, 4, 1, 0; 2001 OP₂₄, 9, 2, 3; 2001 OR₂₄, 13, 3, 8; 2001 OS₂₄, 10, 2, 3; 2001 OV₂₄, 12, 3, 4; 2001 OW₂₄, 5, 1, 0; 2001 OX₂₄, 14, 3, 3; 2001 OY₂₄, 10, 2, 5; 2001 OZ₂₄, 13, 3, 500; 2001 OA₂₅, 8, 2, 67; 2001 OB₂₅, 11, 3, 440; 2001 OD₂₅, 5, 1, 0; 2001 OE₂₅, 4, 1, 0; 2001 OJ₂₅, 11, 3, 8; 2001 OM₂₅, 10, 2, 3; 2001 ON₂₅, 10, 2, 3; 2001 OQ₂₅, 4, 1, 0; 2001 OR₂₅, 4, 1, 0; 2001 OS₂₅, 5, 1, 0; 2001 OT₂₅, 14, 3, 8; 2001 OU₂₅, 10, 3, 3; 2001 OV₂₅, 9, 2, 5; 2001 OW₂₅, 12, 3, 9; 2001 OX₂₅, 3, 1, 0; 2001 OY₂₅, 10, 2, 3; 2001 OZ₂₅, 10, 2, 3; 2001 OB₂₆, 9, 2, 3; 2001 OC₂₆, 10, 2, 3; 2001 OD₂₆, 13, 4, 1591; 2001 OE₂₆, 3, 1, 0; 2001 OX₂₇, 15, 3, 9; 2001 OG₂₈, 4, 1, 0; 2001 OT₂₈, 15, 3, 9; 2001 OK₂₉, 8, 2, 6; 2001 OO₂₉, 9, 2, 6; 2001 OF₃₀, 4, 1, 0; 2001 OV₃₀, 4, 1, 0; 2001 OM₃₁, 10, 2, 386; 2001 OQ₃₁, 3, 1, 0; 2001 OS₃₁, 3, 1, 0; 2001 OU₃₁, 5, 1, 0; 2001 OZ₃₁, 5, 1, 0; 2001 OB₃₂, 10, 2, 3; 2001 OC₃₂, 20, 5, 29; 2001 OD₃₂, 9, 2, 3; 2001 OJ₃₂, 5, 1, 0; 2001 ON₃₂, 4, 1, 0; 2001 OQ₃₃, 4, 1, 0; 2001 OH₃₄, 20, 4, 9; 2001 OK₃₄, 5, 1, 0; 2001 OC₃₅, 18, 4, 5; 2001 OK₃₅, 5, 1, 0; 2001 OT₃₅, 13, 3, 328; 2001 OV₃₅, 5, 1, 0; 2001 OW₃₅, 4, 1, 0; 2001 OK₃₆, 3, 1, 0; 2001 OG₃₇, 7, 2, 2; 2001 OW₃₇, 5, 1, 0; 2001 OY₃₇, 13, 3, 9; 2001 OA₃₈, 11, 3, 37; 2001 OJ₃₈, 5, 1, 0; 2001 OP₃₈, 5, 1, 0; 2001 OF₃₉, 5, 1, 0; 2001 OH₃₉, 5, 1, 0; 2001 OJ₃₉, 18, 4, 28; 2001 OL₃₉, 3, 1, 0; 2001 ON₃₉, 14, 3, 4; 2001 OO₃₉, 10, 2, 449; 2001 OP₃₉, 5, 1, 0; 2001 OQ₃₉, 3, 1, 0; 2001 OS₃₉, 18, 4, 972; 2001 OV₃₉, 9, 2, 20; 2001 OY₃₉, 11, 3, 2; 2001 OC₄₀, 5, 1, 0; 2001 OE₄₀, 19, 4, 9; 2001 OG₄₀, 3, 1, 0; 2001 OL₄₀, 4, 1, 0; 2001 OM₄₀, 3, 1, 0; 2001 ON₄₀, 5, 1, 0; 2001 OC₄₀, 3, 1, 0; 2001 OP₄₀, 17, 4, 9; 2001 OS₄₀, 5, 1, 0; 2001 OZ₄₀, 3, 1, 0; 2001 OB₄₁, 20, 4, 101

12, 3, 524; 2001 OJ₅₀, 4, 1, 0; 2001 OK₅₀, 4, 1, 0; 2001 OQ₅₀, 8, 2, 22; 2001 OR₅₀, 24, 4, 8; 2001 OA₅₁, 3, 1, 0; 2001 OB₅₁, 4, 1, 0; 2001 OL₅₁, 12, 3, 973; 2001 OU₅₁, 12, 3, 59; 2001 OY₅₁, 5, 1, 0; 2001 OB₅₂, 5, 1, 0; 2001 OO₅₂, 5, 1, 0; 2001 OA₅₃, 5, 1, 0; 2001 ON₅₃, 5, 1, 0; 2001 OP₅₃, 5, 1, 0; 2001 OT₅₃, 4, 1, 0; 2001 OU₅₃, 5, 1, 0; 2001 OV₅₃, 5, 1, 0; 2001 OA₅₄, 19, 4, 1390; 2001 OB₅₄, 9, 2, 449; 2001 OC₅₄, 5, 1, 0; 2001 OH₅₄, 5, 1, 0; 2001 OL₅₄, 4, 1, 0; 2001 OM₅₄, 3, 1, 0; 2001 OQ₅₄, 10, 2, 6; 2001 OT₅₄, 20, 5, 532; 2001 OV₅₄, 9, 2, 3; 2001 OX₅₄, 4, 1, 0; 2001 OY₅₄, 8, 2, 5; 2001 ON₅₅, 9, 2, 4; 2001 OR₅₅, 4, 1, 0; 2001 OU₅₅, 7, 2, 7; 2001 OV₅₅, 11, 3, 33; 2001 OW₅₅, 6, 2, 7; 2001 OD₅₆, 9, 2, 3; 2001 OJ₅₆, 25, 3, 4; 2001 OL₅₆, 3, 1, 0; 2001 OQ₅₆, 4, 1, 0; 2001 OT₅₆, 9, 2, 3; 2001 OU₅₆, 18, 4, 34; 2001 OV₅₆, 16, 4, 943; 2001 OX₅₆, 21, 4, 5; 2001 OY₅₆, 14, 3, 3; 2001 OA₅₇, 15, 3, 9; 2001 OB₅₇, 10, 2, 3; 2001 OC₅₇, 13, 3, 8; 2001 OD₅₇, 5, 1, 0; 2001 OE₅₇, 16, 3, 3; 2001 OF₅₇, 13, 3, 20; 2001 OG₅₇, 14, 3, 3; 2001 OH₅₇, 18, 4, 26; 2001 OJ₅₇, 14, 3, 3; 2001 OM₅₇, 4, 1, 0; 2001 OP₅₇, 10, 2, 25; 2001 OQ₅₇, 9, 2, 25; 2001 OW₅₇, 16, 4, 33; 2001 OZ₅₇, 5, 1, 0; 2001 OG₅₈, 5, 1, 0; 2001 OH₅₈, 22, 4, 977; 2001 OL₅₈, 5, 1, 0; 2001 ON₅₈, 17, 3, 3; 2001 OQ₅₈, 19, 4, 33; 2001 OR₅₈, 8, 2, 29; 2001 OT₅₈, 20, 4, 472; 2001 OU₅₈, 9, 2, 2; 2001 OV₅₈, 20, 4, 29; 2001 OD₅₉, 4, 1, 0; 2001 OM₅₉, 13, 3, 507; 2001 OP₅₉, 11, 3, 8; 2001 OT₅₉, 4, 1, 0; 2001 OU₅₉, 8, 2, 25; 2001 OX₅₉, 19, 4, 508; 2001 OA₆₀, 3, 1, 0; 2001 OS₆₀, 8, 2, 17; 2001 OW₆₀, 4, 1, 0; 2001 OX₆₀, 15, 3, 9; 2001 OY₆₀, 16, 4, 8; 2001 OZ₆₀, 10, 2, 3; 2001 OC₆₁, 14, 3, 3; 2001 OF₆₁, 14, 4, 4; 2001 OH₆₁, 16, 4, 5; 2001 OM₆₁, 15, 3, 9; 2001 ON₆₁, 15, 3, 9; 2001 OO₆₁, 8, 2, 3; 2001 OP₆₁, 3, 1, 0; 2001 OQ₆₁, 4, 1, 0; 2001 OR₆₁, 8, 2, 3; 2001 OS₆₁, 9, 2, 3; 2001 OU₆₁, 10, 2, 3; 2001 OV₆₁, 15, 3, 9; 2001 OW₆₁, 13, 3, 3; 2001 OX₆₁, 12, 3, 9; 2001 OY₆₁, 4, 1, 0; 2001 OC₆₂, 5, 1, 0; 2001 OD₆₂, 13, 3, 8; 2001 OF₆₂, 12, 3, 3; 2001 OG₆₂, 5, 1, 0; 2001 OL₆₂, 4, 1, 0; 2001 OQ₆₂, 17, 5, 35; 2001 OR₆₂, 12, 3, 3; 2001 OS₆₂, 9, 2, 3; 2001 OY₆₂, 4, 1, 0; 2001 OZ₆₂, 3, 1, 0; 2001 OV₆₂, 5, 1, 0; 2001 OW₆₂, 5, 1, 0; 2001 OY₆₂, 10, 2, 6; 2001 OZ₆₂, 8, 2, 2; 2001 OA₆₃, 10, 2, 6; 2001 OC₆₃, 15, 4, 8; 2001 OD₆₃, 12, 3, 3; 2001 OE₆₃, 11, 2, 2; 2001 OG₆₃, 15, 2, 1; 2001 OH₆₃, 21, 5, 508; 2001 OK₆₃, 8, 2, 5; 2001 OM₆₃, 17, 4, 33; 2001 ON₆₃, 8, 2, 6; 2001 OP₆₃, 9, 2, 6; 2001 OR₆₃, 8, 2, 3; 2001 OS₆₃, 9, 2, 9; 2001 OT₆₃, 4, 1, 0; 2001 OU₆₃, 13, 3, 9; 2001 OV₆₃, 5, 1, 0; 2001 OW₆₃, 13, 3, 3; 2001 OX₆₃, 13, 3, 9; 2001 OY₆₃, 3, 1, 0; 2001 OZ₆₃, 5, 1, 0; 2001 OA₆₄, 24, 5, 8; 2001 OB₆₄, 7, 2, 3; 2001 OC₆₄, 8, 2, 9; 2001 OD₆₄, 11, 3, 9; 2001 OE₆₄, 10, 2, 3; 2001 OF₆₄, 8, 2, 2; 2001 OG₆₄, 5, 1, 0; 2001 OH₆₄, 5, 1, 0; 2001 OJ₆₄, 8, 2, 71; 2001 OK₆₄, 3, 1, 0; 2001 OM₆₄, 21, 4, 28; 2001 ON₆₄, 4, 1, 0; 2001 OP₆₄, 3, 1, 0; 2001 OQ₆₄, 4, 1, 0; 2001 OX₆₄, 4, 1, 0; 2001 OA₆₅, 10, 2, 66; 2001 OE₆₅, 9, 2, 3; 2001 OJ₆₅, 14, 3, 9; 2001 OM₆₅, 9, 2, 5; 2001 OQ₆₅, 10, 2, 3; 2001 OR₆₅, 8, 2, 3; 2001 OS₆₅, 15, 3, 526; 2001 OT₆₅, 14, 3, 8; 2001 OV₆₅, 13, 3, 8; 2001 OW₆₅, 9, 2, 4; 2001 OY₆₅, 8, 2, 7; 2001 OZ₆₅, 10, 2, 8; 2001 OA₆₆, 3, 1, 0; 2001 OB₆₆, 7, 2, 7; 2001 OC₆₆, 5, 1, 0; 2001 OD₆₆, 5, 1, 0; 2001 OE₆₆, 9, 2, 1; 2001 OF₆₆, 8, 2, 1; 2001 OG₆₆, 15, 3, 8; 2001 OH₆₆, 3, 1, 0; 2001 OI₆₆, 12, 3, 3; 2001 OJ₆₆, 12, 3, 33; 2001 OK₆₆, 3, 1, 0; 2001 OL₆₆, 4, 1, 0; 2001 OM₆₆, 21, 5, 8; 2001 ON₆₆, 12, 3, 3; 2001 OY₆₆, 3, 1, 0; 2001 OZ₆₆, 4, 1, 0; 2001 OA₆₇, 3, 1, 0; 2001 OB₆₇, 3, 1, 0; 2001 OC₆₇, 5, 1, 0; 2001 OD₆₇, 12, 3, 8; 2001 OE₆₇, 14, 3, 8; 2001 OF₆₇, 13, 3, 20; 2001 OG₆₇, 13, 3, 8; 2001 OH₆₇, 13, 3, 8; 2001 OI₆₇, 13, 3, 8; 2001 OJ₆₇, 13, 3, 8; 2001 OK₆₇, 13, 3, 8; 2001 OL₆₇, 13, 3, 8; 2001 OM₆₇, 13, 3, 8; 2001 ON₆₇, 13, 3, 8; 2001 OP₆₇, 13, 3, 8; 2001 OQ₆₇, 13, 3, 8; 2001 OR₆₇, 13, 3, 8; 2001 OS₆₇, 13, 3, 8; 2001 OT₆₇, 13, 3, 8; 2001 OU₆₇, 13, 3, 8; 2001 OV₆₇, 13, 3, 8; 2001 OW₆₇, 13, 3, 8; 2001 OX₆₇, 13, 3, 8; 2001 OY₆₇, 13, 3, 8; 2001 OZ₆₇, 13, 3, 8; 2001 OA₆₈, 9, 2, 3; 2001 OB₆₈, 13, 3, 8; 2001 OC₆₈, 40, 7, 1084; 2001 OD₆₈, 15, 4, 8; 2001 OE₆₈, 8, 2, 508; 2001 OF₆₈, 14, 3, 3; 2001 OG₆₈, 14, 3, 3; 2001 OH₆₈, 10, 2, 3; 2001 OI₆₈, 14, 3, 3; 2001 OJ₆₈, 18, 4, 9; 2001 OK₆₈, 14, 3, 3; 2001 OL₆₈, 8, 2, 3; 2001 OM₆₈, 18, 4, 8; 2001 ON₆₈, 8, 2, 3; 2001 OP₆₈, 18, 4, 8; 2001 OQ₆₈, 31, 7, 983; 2001 OR₆₈, 12, 3, 8; 2001 OS₆₈, 10, 2, 8; 2001 OT₆₈, 3, 1, 0; 2001 OU₆₈, 13, 3, 469; 2001 OV₆₈, 10, 2, 4; 2001 OX₆₈, 9, 2, 4; 2001 OY₆₈, 13, 3, 94; 2001 OZ₆₈, 6, 2, 5; 2001 OA₆₉, 6, 2, 5; 2001 OC₆₉, 9, 2, 3; 2001 OD₆₉, 10, 2, 3; 2001 OE₆₉, 8, 2, 3; 2001 OF₆₉, 9, 2, 3; 2001 OG₆₉, 9, 2, 3; 2001 OH₆₉, 12, 3, 13; 2001 OI₆₉, 20, 4, 479; 2001 OJ₆₉, 20, 4, 913; 2001 OK₆₉, 14, 3, 3; 2001 OL₆₉, 15, 3, 4; 2001 OM₆₉, 26, 6, 862; 2001 ON₆₉, 10, 2, 2; 2001 OT₆₉, 17, 4, 8; 2001 OU₆₉, 8, 2, 4; 2001 OV₆₉, 11, 3, 8; 2001 OW₆₉, 12, 3, 3; 2001 OX₆₉, 5, 1, 0; 2001 OY₆₉, 8, 2, 2; 2001 OZ₆₉, 13, 3, 4; 2001 OA₇₀, 18, 4, 8; 2001 OB₇₀, 11, 3, 4; 2001 OC₇₀, 12, 3, 7; 2001 OD₇₀, 18, 4, 9; 2001 OE₇₀, 12, 3, 4; 2001 OF₇₀, 12, 3, 4; 2001 OG₇₀, 14, 3, 4; 2001 OH₇₀, 5, 1, 0; 2001 OI₇₀, 7, 2, 4; 2001 OJ₇₀, 7, 2, 4; 2001 OK₇₀, 10, 2, 4; 2001 OL₇₀, 8, 2, 4; 2001 OM₇₀, 8, 2, 4; 2001 ON₇₀, 5, 1, 0; 2001 OP₇₀, 10, 2, 2; 2001 OQ₇₀, 8, 2, 5; 2001 OR₇₀, 12, 3, 4; 2001 OS₇₀, 3, 1, 0; 2001 OT₇₀, 4, 1, 0; 2001 OU₇₀, 5, 1, 0; 2001 OV₇₀, 13, 3, 8; 2001 OW₇₀, 7, 2, 2; 2001 OX₇₀, 7, 2, 2; 2001 OY₇₀, 3, 1, 0; 2001 OZ₇₀, 14, 3, 9; 2001 OA₇₁, 14, 3, 4; 2001 OB₇₁, 14, 3, 4; 2001 OC₇₁, 14, 3, 4; 2001 OD₇₁, 14, 3, 4; 2001 OE₇₁, 14, 3, 4; 2001 OF₇₁, 14, 3, 4; 2001 OG₇₁, 14, 3, 4; 2001 OH₇₁, 14, 3, 4; 2001 OI₇₁, 14, 3, 4; 2001 OJ₇₁, 14, 3, 4; 2001 OK₇₁, 14, 3, 4; 2001 OL₇₁, 14, 3, 4; 2001 OM₇₁, 14, 3, 4; 2001 ON₇₁, 14, 3, 4; 2001 OP₇₁, 14, 3, 4; 2001 OQ₇₁, 14, 3, 4; 2001 OR₇₁, 14, 3, 4; 2001 OS₇₁, 14, 3, 4; 2001 OT₇₁, 14, 3, 4; 2001 OU₇₁, 14, 3, 4; 2001 OV₇₁, 14, 3, 4; 2001 OW₇₁, 14, 3, 4; 2001 OX₇₁, 14, 3, 4; 2001 OY₇₁, 14, 3, 4; 2001 OZ₇₁, 14, 3, 4; 2001 OA₇₂, 18, 4, 8; 2001 OB₇₂, 16, 4, 8; 2001 OC₇₂, 14, 3, 7; 2001 OD₇₂, 15, 3, 4; 2001 OE₇₂, 18, 4, 8; 2001 OF₇₂, 7, 2, 3; 2001 OG₇₂, 5, 1, 0; 2001 OH₇₂, 17, 4, 9; 2001 OI₇₂, 4, 1, 0; 2001 OJ₇₂, 12, 3, 4; 2001 OK₇₂, 12, 3, 4; 2001 OL₇₂, 3, 1, 0; 2001 OM₇₂, 12, 3, 4; 2001 ON₇₂, 12, 3, 4; 2001 OP₇₂, 12, 3, 4; 2001 OQ₇₂, 12, 3, 4; 2001 OR₇₂, 12, 3, 4; 2001 OS₇₂, 12, 3, 4; 2001 OT₇₂, 12, 3, 4; 2001 OU₇₂, 12, 3, 4; 2001 OV₇₂, 12, 3, 4; 2001 OW₇₂, 12, 3, 4; 2001 OX₇₂, 12, 3, 4; 2001 OY₇₂, 12, 3, 4; 2001 OZ₇₂, 12, 3, 4; 2001 OA₇₃, 4, 1, 0; 2001 OB₇₃, 12, 3, 4; 2001 OC₇₃, 12, 3, 4; 2001 OD₇₃, 12, 3, 4; 2001 OE₇₃, 4, 1, 0; 2001 OF₇₃, 4, 1, 0; 2001 OG₇₃, 18, 4, 441; 2001 OH₇₃, 9, 2, 2; 2001 OI₇₃, 20, 4, 8; 2001 OJ₇₃, 4, 1, 0; 2001 OK₇₃, 9, 2, 18; 2001 OL₇₃, 8, 2, 3; 2001 OM₇₃, 9, 2, 8; 2001 ON₇₃, 11, 2, 8; 2001 OP₇₃, 14, 3, 20; 2001 OQ₇₃, 5, 1, 0; 2001 OR₇₃, 6, 2, 8; 2001 OS₇₃, 9, 2, 8; 2001 OT₇₃, 11, 2, 8; 2001 OU₇₃, 14, 3, 20; 2001 OV₇₃, 5, 1, 0; 2001 OW₇₃, 6, 2, 8; 2001 OX₇₃, 9, 2, 8; 2001 OY₇₃, 8, 2, 26; 2001 OZ₇₃, 4, 1, 0; 2001 OA₇₄, 12, 3, 4; 2001 OB₇₄, 12, 3, 4; 2001 OC₇₄, 9, 2, 2; 2001 OD₇₄, 22, 4, 8; 2001 OE₇₄, 12, 3, 4; 2001 OF₇₄, 3, 1, 0; 2001 OG₇₄, 12, 3, 4; 2001 OH₇₄, 12, 3, 4; 2001 OI₇₄, 10, 2, 5; 2001 OJ₇₄, 22, 5, 1158; 2001 OK₇₄, 8, 2, 8; 2001 OL₇₄, 14, 2, 2; 2001 OM₇₄, 4, 1, 0; 2001 ON₇₄, 4, 1, 0; 2001 OY₇₄, 4, 1, 0; 2001 OZ₇₄, 8, 2, 1; 2001 OA₇₅, 8, 2, 1; 2001 OB₇₅, 8, 2, 1; 2001 OC₇₅, 11, 3, 3; 2001 OD₇₅, 18, 4, 4; 2001 OE₇₅, 5, 1, 0; 2001 OF₇₅, 14, 3, 20; 2001 OG₇₅, 3, 1, 0; 2001 OH₇₅, 5, 1, 0; 2001 OI₇₅, 5, 1, 0; 2001 OJ₇₅, 17, 4, 975; 2001 OK₇₅, 4, 8; 2001 OL₇₅, 11, 3, 3; 2001 OM₇₅, 4, 1, 0; 2001 ON₇₅, 9, 2, 3; 2001 OP₇₅, 3, 1, 0; 2001 OQ₇₅, 3, 1, 0; 2001 OR₇₅, 8, 2, 5; 2001 OS₇₅, 3, 1, 0; 2001 OT₇₅, 5, 1, 0; 2001 OU₇₅, 12, 3, 8; 2001 OV₇₅, 14, 3, 4; 2001 OW₇₅, 4, 1, 0; 2001 OX₇₅, 8, 2, 6; 2001 OY₇₅, 10, 2, 20; 2001 OZ₇₅, 12, 3, 9; 2001 OA₇₆, 3, 1, 0; 2001 OB₇₆, 3, 1, 0; 2001 OC₇₆, 9, 2, 3; 2001 OD₇₆, 13, 3, 20; 2001 OE₇₆, 13, 3, 20; 2001 OF₇₆, 13, 3, 20; 2001 OG₇₆, 13, 3, 20; 2001 OH₇₆, 13, 3, 20; 2001 OI₇₆, 13, 3, 20; 2001 OJ₇₆, 13, 3, 20; 2001 OK₇₆, 13, 3, 20; 2001 OL₇₆, 13, 3, 20; 2001 OM₇₆, 13, 3, 20; 2001 ON₇₆, 13, 3, 20; 2001 OP₇₆, 13, 3, 20; 2001 OQ₇₆, 13, 3, 20; 2001 OR₇₆, 13, 3, 20; 2001 OS₇₆, 13, 3, 20; 2001 OT₇₆, 13, 3, 20; 2001 OU₇₆, 13, 3, 20; 2001 OV₇₆, 13, 3, 20; 2001 OW₇₆, 13, 3, 20; 2001 OX₇₆, 13, 3, 20; 2001 OY₇₆, 13, 3, 20; 2001 OZ₇₆, 13, 3, 20; 2001 OA₇₇, 3, 1, 0; 2001 OB₇₇, 3, 1, 0; 2001 OC₇₇, 3, 1, 0; 2001 OD₇₇, 3, 1, 0; 2001 OE₇₇, 3, 1, 0; 2001 OF₇₇, 3, 1, 0; 2001 OG₇₇, 9, 2, 3; 2001 OH₇₇, 9, 2, 3; 2001 OI₇₇, 9, 2, 3; 2001 OJ₇₇, 9, 2, 3; 2001 OK₇₇, 9, 2, 3; 2001 OL₇₇, 9, 2, 3; 2001 OM₇₇, 9, 2, 3; 2001 ON₇₇, 9, 2, 3; 2001 OP₇₇, 9, 2, 3; 2001 OQ₇₇, 9, 2, 3; 2001 OR₇₇, 9, 2, 3; 2001 OS₇₇, 9, 2, 3; 2001 OT₇₇, 9, 2, 3; 2001 OU₇₇, 9, 2, 3; 2001 OV₇₇, 9, 2, 3; 2001 OW₇₇, 9, 2, 3; 2001 OX₇₇, 9, 2, 3; 2001 OY₇₇, 9, 2, 3; 2001 OZ₇₇, 9, 2, 3; 2001 OA₇₈, 4, 1, 0; 2001 OB₇₈, 4, 1, 0; 2001 OC₇₈, 4, 1, 0; 2001 OD₇₈, 4, 1, 0; 2001 OE₇₈, 4, 1, 0; 2001 OF₇₈, 4, 1, 0; 2001 OG₇₈, 4, 1, 0; 2001 OH₇₈, 4, 1, 0; 2001 OI₇₈, 4, 1, 0; 2001 OJ₇₈, 4, 1, 0; 2001 OK₇₈, 4, 1, 0; 2001 OL₇₈, 4, 1, 0; 2001 OM₇₈, 4, 1, 0; 2001 ON₇₈, 4, 1, 0; 2001 OP₇₈, 4, 1, 0; 2001 OQ₇₈, 4, 1, 0; 2001 OR₇₈, 4, 1, 0; 2001 OS₇₈, 4, 1, 0; 2001 OT₇₈, 4, 1, 0; 2001 OU₇₈, 4, 1, 0; 2001 OV₇₈, 4, 1, 0; 2001 OW₇₈, 4, 1, 0; 2001 OX₇₈, 4, 1, 0; 2001 OY₇₈, 4, 1, 0; 2001 OZ₇₈, 4, 1, 0; 2001 OA₇₉, 3, 1, 0; 2001 OB₇₉, 3, 1, 0; 2001 OC₇₉, 3, 1, 0; 2001 OD₇₉, 3, 1, 0; 2001 OE₇₉, 3, 1, 0; 2001 OF₇₉, 3, 1, 0; 2001 OG₇₉, 3, 1, 0; 2001 OH₇₉, 3, 1, 0; 2001 OI₇₉, 3, 1, 0; 2001 OJ₇₉, 3, 1, 0; 2001 OK₇₉, 3, 1, 0; 2001 OL₇₉, 3, 1, 0; 2001 OM₇₉, 3, 1, 0; 2001 ON₇₉, 3, 1, 0; 2001 OP₇₉, 3, 1, 0; 2001 OQ₇₉, 3, 1, 0; 2001 OR₇₉, 3, 1, 0; 2001 OS₇₉, 3, 1, 0; 2001 OT₇₉, 3, 1, 0; 2001 OU₇₉, 3, 1, 0; 2001 OV₇₉, 3, 1, 0; 2001 OW₇₉, 3, 1, 0; 2001 OX₇₉, 3, 1, 0; 2001 OY₇₉, 3, 1, 0; 2001 OZ₇₉, 3, 1, 0; 2001 OA₈₀, 3, 1, 0; 2001 OB₈₀, 3, 1, 0; 2001 OC₈₀, 3, 1, 0; 2001 OD₈₀, 3, 1, 0; 2001 OE₈₀, 3, 1, 0; 2001 OF₈₀, 3, 1, 0; 2001 OG₈₀, 3, 1, 0; 2001 OH₈₀, 3, 1, 0; 2001 OI₈₀, 3, 1, 0; 2001 OJ₈₀, 3, 1, 0; 2001 OK₈₀, 3, 1, 0; 2001 OL₈₀, 3, 1, 0; 2001 OM₈₀, 3, 1, 0; 2001 ON₈₀, 3, 1, 0; 2001 OP₈₀, 3, 1, 0; 2001 OQ₈₀, 3, 1, 0; 2001 OR₈₀, 3, 1, 0; 2001 OS₈₀, 3, 1, 0; 2001 OT₈₀, 3, 1, 0; 2001 OU₈₀, 3, 1, 0; 2001 OV₈₀, 3, 1, 0; 2001 OW₈₀, 3, 1, 0; 2001 OX₈₀, 3, 1, 0; 2001 OY₈₀, 3, 1, 0; 2001 OZ₈₀, 3, 1, 0; 2001 OA₈₁, 3, 1, 0; 2001 OB₈₁, 3, 1, 0; 2001 OC₈₁, 3, 1, 0; 2001 OD₈₁, 3, 1, 0; 2001 OE₈₁, 3, 1, 0; 2001 OF₈₁, 3, 1, 0; 2001 OG₈₁, 3, 1, 0; 2001 OH₈₁, 3, 1, 0; 2001 OI₈₁, 3, 1, 0; 2001 OJ₈₁, 3, 1, 0; 2001 OK₈₁, 3,

13, 3, 20; 2001 OE₉₉, 17, 4, 26; 2001 OF₉₉, 30, 6, 23; 2001 OG₉₉, 9, 2, 17; 2001 OH₉₉, 14, 3, 20; 2001 OJ₉₉, 14, 3, 20; 2001 OK₉₉, 17, 4, 25; 2001 OL₉₉, 19, 4, 21; 2001 OM₉₉, 5, 1, 0; 2001 ON₉₉, 17, 4, 25; 2001 OO₉₉, 8, 2, 3; 2001 OP₉₉, 19, 4, 21; 2001 OQ₉₉, 13, 3, 20; 2001 OR₉₉, 19, 4, 20; 2001 OS₉₉, 24, 6, 947; 2001 OT₉₉, 3, 1, 0; 2001 OU₉₉, 14, 3, 20; 2001 OV₉₉, 4, 1, 0; 2001 OW₉₉, 13, 3, 20; 2001 OX₉₉, 12, 3, 20; 2001 OZ₉₉, 8, 2, 8; 2001 OA₁₀₀, 4, 1, 0; 2001 OB₁₀₀, 20, 4, 449; 2001 OC₁₀₀, 12, 3, 20; 2001 OD₁₀₀, 17, 4, 25; 2001 OE₁₀₀, 13, 3, 20; 2001 OF₁₀₀, 10, 3, 26; 2001 OG₁₀₀, 19, 4, 20; 2001 OH₁₀₀, 10, 3, 26; 2001 OJ₁₀₀, 13, 3, 20; 2001 OK₁₀₀, 12, 3, 26; 2001 OL₁₀₀, 16, 4, 26; 2001 OM₁₀₀, 16, 4, 20; 2001 ON₁₀₀, 4, 1, 0; 2001 OO₁₀₀, 9, 2, 20; 2001 OP₁₀₀, 4, 1, 0; 2001 OQ₁₀₀, 15, 4, 563; 2001 OR₁₀₀, 15, 3, 20; 2001 OS₁₀₀, 6, 2, 20; 2001 OT₁₀₀, 13, 3, 26; 2001 OU₁₀₀, 13, 3, 20; 2001 OV₁₀₀, 18, 4, 26; 2001 OW₁₀₀, 15, 4, 26; 2001 OX₁₀₀, 9, 2, 20; 2001 OY₁₀₀, 7, 2, 20; 2001 OZ₁₀₀, 8, 2, 24; 2001 OA₁₀₁, 5, 1, 0; 2001 OB₁₀₁, 9, 2, 17; 2001 OC₁₀₁, 14, 3, 20; 2001 OD₁₀₁, 13, 3, 26; 2001 OE₁₀₁, 4, 1, 0; 2001 OF₁₀₁, 6, 2, 26; 2001 OG₁₀₁, 11, 3, 27; 2001 OH₁₀₁, 4, 1, 0; 2001 OJ₁₀₁, 13, 3, 25; 2001 OK₁₀₁, 3, 1, 0; 2001 OL₁₀₁, 24, 5, 555; 2001 OM₁₀₁, 6, 2, 17; 2001 OO₁₀₁, 5, 1, 0; 2001 OQ₁₀₁, 4, 1, 0; 2001 OW₁₀₁, 18, 4, 23; 2001 OX₁₀₁, 14, 3, 20; 2001 OY₁₀₁, 17, 5, 21; 2001 OZ₁₀₁, 9, 2, 23; 2001 OA₁₀₂, 4, 1, 0; 2001 OB₁₀₂, 25, 5, 30; 2001 OC₁₀₂, 11, 3, 26; 2001 OD₁₀₂, 4, 1, 0; 2001 OE₁₀₂, 7, 2, 26; 2001 OF₁₀₂, 8, 2, 22; 2001 OG₁₀₂, 19, 5, 24; 2001 OH₁₀₂, 7, 2, 19; 2001 OJ₁₀₂, 3, 1, 0; 2001 OK₁₀₂, 12, 3, 36; 2001 OL₁₀₂, 11, 3, 26; 2001 OM₁₀₂, 20, 5, 31; 2001 ON₁₀₂, 3, 1, 0; 2001 OO₁₀₂, 9, 2, 27; 2001 OP₁₀₂, 11, 2, 27; 2001 OQ₁₀₂, 4, 1, 0; 2001 OR₁₀₂, 23, 5, 26; 2001 OS₁₀₂, 15, 3, 20; 2001 OT₁₀₂, 8, 2, 20; 2001 OU₁₀₂, 9, 2, 23; 2001 OV₁₀₂, 13, 3, 25; 2001 OW₁₀₂, 8, 2, 22; 2001 OX₁₀₂, 3, 1, 0; 2001 OY₁₀₂, 10, 2, 22; 2001 OZ₁₀₂, 14, 3, 22; 2001 OA₁₀₃, 9, 2, 22; 2001 OB₁₀₃, 13, 2, 22; 2001 OC₁₀₃, 22, 5, 441; 2001 OD₁₀₃, 4, 1, 0; 2001 OE₁₀₃, 3, 1, 0; 2001 OF₁₀₃ *, 13, 3, 27; 2001 OG₁₀₃ *, 8, 2, 26; 2001 OH₁₀₃, 9, 2, 3; 2001 OI₁₀₃ *, 3, 1, 0; 2001 OK₁₀₃ *, 7, 2, 23; 2001 OL₁₀₃, 5, 1, 0; 2001 OM₁₀₃, 12, 3, 26; 2001 ON₁₀₃, 14, 3, 25; 2001 OO₁₀₃, 13, 3, 25; 2001 OP₁₀₃, 9, 2, 22; 2001 OQ₁₀₃, 8, 2, 22; 2001 OR₁₀₃, 18, 3, 22; 2001 OS₁₀₃, 17, 4, 25; 2001 OT₁₀₃, 14, 3, 22; 2001 OU₁₀₃, 10, 3, 24; 2001 OV₁₀₃, 12, 3, 22; 2001 OW₁₀₃, 7, 2, 22; 2001 OX₁₀₃, 4, 1, 0; 2001 OY₁₀₃, 9, 2, 20; 2001 OZ₁₀₃ *, 17, 4, 25; 2001 OA₁₀₄ *, 13, 3, 20; 2001 OB₁₀₄ *, 14, 3, 20; 2001 OC₁₀₄ *, 5, 1, 0; 2001 OD₁₀₄ *, 18, 4, 20; 2001 OE₁₀₄ *, 5, 1, 0; 2001 OF₁₀₄ *, 5, 1, 0; 2001 OG₁₀₄ *, 22, 5, 26; 2001 OH₁₀₄ *, 10, 2, 20; 2001 OJ₁₀₄ *, 10, 2, 20; 2001 OK₁₀₄ *, 8, 2, 20; 2001 OL₁₀₄ *, 12, 3, 20; 2001 OM₁₀₄ *, 9, 2, 20; 2001 ON₁₀₄ *, 9, 2, 20; 2001 OQ₁₀₄, 22, 3, 3; 2001 OR₁₀₄, 8, 2, 3; 2001 OS₁₀₄, 4, 1, 0; 2001 OT₁₀₄, 8, 2, 6; 2001 OU₁₀₄, 8, 2, 2; 2001 OV₁₀₄, 4, 1, 0; 2001 OY₁₀₄, 4, 1, 0; 2001 OB₁₀₅, 4, 1, 0; 2001 OD₁₀₅, 4, 1, 0; 2001 OG₁₀₅, 13, 3, 7; 2001 OH₁₀₅, 8, 2, 5; 2001 OJ₁₀₅, 5, 1, 0; 2001 OK₁₀₅, 8, 2, 8; 2001 OL₁₀₅, 3, 1, 0; 2001 OM₁₀₅, 4, 1, 0; 2001 ON₁₀₅ *, 5, 1, 0; 2001 OO₁₀₅ *, 9, 2, 22; 2001 OP₁₀₅ *, 14, 3, 23; 2001 OQ₁₀₅ *, 13, 3, 23; 2001 OR₁₀₅ *, 9, 2, 23; 2001 OS₁₀₅ *, 16, 4, 22; 2001 OT₁₀₅ *, 11, 3, 20; 2001 OU₁₀₅ *, 17, 3, 22; 2001 OV₁₀₅ *, 15, 4, 22; 2001 OW₁₀₅ *, 12, 3, 27; 2001 OX₁₀₅ *, 12, 3, 31; 2001 OY₁₀₅ *, 6, 2, 23; 2001 OZ₁₀₅ *, 3, 1, 0; 2001 OA₁₀₆, 11, 2, 5; 2001 OB₁₀₆, 4, 1, 0; 2001 OC₁₀₆, 5, 1, 0; 2001 OD₁₀₆ *, 9, 2, 24; 2001 OE₁₀₆ *, 4, 1, 0; 2001 OF₁₀₆ *, 15, 2, 24; 2001 OG₁₀₆ *, 9, 2, 24; 2001 OH₁₀₆ *, 3, 1, 0; 2001 OJ₁₀₆ *, 9, 2, 19; 2001 OK₁₀₆ *, 12, 3, 27; 2001 OL₁₀₆ *, 19, 4, 27; 2001 OM₁₀₆ *, 19, 4, 978; 2001 ON₁₀₆ *, 8, 2, 19; 2001 OO₁₀₆ *, 19, 4, 27; 2001 OP₁₀₆ *, 18, 4, 27; 2001 OQ₁₀₆ *, 13, 3, 27; 2001 OR₁₀₆ *, 15, 3, 28; 2001 OS₁₀₆ *, 10, 1, 0; 2001 OT₁₀₆ *, 17, 4, 26; 2001 OU₁₀₆ *, 38, 5, 27; 2001 OV₁₀₆ *, 19, 3, 27; 2001 OW₁₀₆ *, 5, 1, 0; 2001 OX₁₀₆ *, 5, 1, 0; 2001 OY₁₀₆ *, 13, 3, 23; 2001 OZ₁₀₆ *, 18, 4, 26; 2001 OA₁₀₇ *, 3, 1, 0; 2001 OB₁₀₇ *, 4, 1, 0; 2001 OC₁₀₇ *, 3, 1, 0; 2001 OD₁₀₇ *, 16, 4, 26; 2001 OE₁₀₇ *, 8, 2, 26; 2001 OF₁₀₇ *, 5, 1, 0; 2001 OG₁₀₇ *, 5, 1, 0; 2001 OH₁₀₇ *, 15, 3, 27; 2001 OJ₁₀₇ *, 8, 2, 26; 2001 OK₁₀₇ *, 5, 1, 0; 2001 OL₁₀₇ *, 5, 1, 0; 2001 OM₁₀₇ *, 18, 4, 27; 2001 ON₁₀₇, 7, 2, 2; 2001 OO₁₀₇, 15, 3, 1387; 2001 OP₁₀₇, 20, 4, 1386; 2001 OQ₁₀₇ *, 24, 5, 28; 2001 OR₁₀₇ *, 32, 7, 23; 2001 OS₁₀₇ *, 9, 2, 20; 2001 OT₁₀₇ *, 9, 2, 23; 2001 OU₁₀₇ *, 18, 4, 20; 2001 OV₁₀₇ *, 9, 2, 20; 2001 OW₁₀₇ *, 14, 3, 913; 2001 OX₁₀₇ *, 4, 1, 0; 2001 OY₁₀₇ *, 3, 1, 0; 2001 OZ₁₀₇ *, 13, 3, 22; 2001 OA₁₀₈ *, 13, 3, 22; 2001 OB₁₀₈ *, 7, 2, 25; 2001 OG₁₀₈, 11, 3, 8; 2001 PA, 9, 2, 20; 2001 PB, 3, 1, 0; 2001 PC, 3, 1, 0; 2001 PD, 9, 2, 20; 2001 PE, 5, 1, 0; 2001 PF, 16, 4, 29; 2001 PG, 3, 1, 0; 2001 PH, 4, 1, 0; 2001 PK, 5, 1, 0; 2001 PL, 3, 1, 0; 2001 PN, 4, 1, 0; 2001 PO, 9, 2, 943; 2001 PP, 18, 4, 65; 2001 PQ, 12, 3, 20; 2001 PR, 4, 1, 0; 2001 PT, 7, 2, 5; 2001 PU, 13, 3, 20; 2001 PV, 8, 2, 3; 2001 PW, 16, 4, 943; 2001 PX, 31, 6, 26; 2001 PZ, 8, 2, 3; 2001 PA₁, 15, 3, 20; 2001 PB₁, 15, 3, 20; 2001 PD₁, 5, 1, 0; 2001 PE₁, 4, 1, 0; 2001 PF₁, 5, 1, 0; 2001 PG₁, 5, 1, 0; 2001 PH₁, 13, 3, 8; 2001 PJ₁, 9, 2, 3; 2001 PK₁, 3, 1, 0; 2001 PN₁, 3, 1, 0; 2001 PO₁, 15, 4, 20; 2001 PP₁, 5, 1, 0; 2001 PS₁, 12, 3, 28; 2001 PT₁, 4, 1, 0; 2001 PV₁, 8, 2, 3; 2001 PW₁, 12, 3, 8; 2001 PX₁, 8, 2, 3; 2001 PY₁, 4, 1, 0; 2001 PA₂, 9, 2, 3; 2001 PB₂, 4, 1, 0; 2001 PD₂, 12, 3, 20; 2001 PE₂, 25, 6, 6; 2001 PF₂, 17, 4, 20; 2001 PG₂, 14, 3, 3; 2001 PH₂, 25, 6, 8; 2001 PJ₂, 25, 5, 5; 2001 PK₂, 11, 3, 4; 2001 PL₂, 5, 1, 0; 2001 PM₂, 12, 3, 27; 2001 PN₂, 3, 1, 0; 2001 PO₂, 7, 2, 501; 2001 PP₂, 17, 4, 20; 2001 PQ₂, 17, 4, 8; 2001 PR₂, 10, 2, 6; 2001 PS₂, 10, 2, 3; 2001 PT₂, 13, 3, 8; 2001 PW₂, 5, 1, 0; 2001 PY₂, 10, 2, 31; 2001 PZ₂, 6, 2, 23; 2001 PA₃, 14, 3, 8; 2001 PB₃, 3, 1, 0; 2001 PC₃, 3, 1, 0; 2001 PD₃, 4, 1, 0; 2001 PE₃, 5, 1, 0; 2001 PF₃, 7, 2, 25; 2001 PG₃, 5, 1, 0; 2001 PH₃, 5, 1, 0; 2001 PJ₃, 7, 2, 25; 2001 PK₃, 5, 1, 0; 2001 PL₃, 5, 1, 0; 2001 PM₃, 5, 1, 0; 2001 PO₃, 5, 1, 0; 2001 PP₃, 5, 1, 0; 2001 PY₃, 5, 1, 0; 2001 PA₄, 5, 1, 0; 2001 PB₄, 5, 1, 0; 2001 PC₄, 6, 2, 23; 2001 PH₄, 4, 1, 0; 2001 PL₄, 5, 1, 0; 2001 PM₄, 5, 1, 0; 2001 PO₄, 5, 1, 0; 2001 PR₄, 6, 2, 4; 2001 PS₄, 9, 2, 4; 2001 PT₄, 10, 2, 3; 2001 PU₄, 8, 2, 5; 2001 PW₄, 12, 3, 8; 2001 PX₄, 10, 2, 5; 2001 PY₄, 4, 1, 0; 2001 PA₅, 5, 1, 0; 2001 PB₅, 3, 1, 0; 2001 PD₅, 4, 1, 0;

2001 PE₅, 14, 3, 860; 2001 PF₅, 4, 1, 0; 2001 PG₅, 5, 1, 0; 2001 PH₅, 4, 1, 0; 2001 PJ₅, 10, 2, 20; 2001 PL₅, 3, 1, 0; 2001 PM₅, 13, 3, 4; 2001 PO₅, 13, 3, 8; 2001 PP₅, 5, 1, 0; 2001 PQ₅, 5, 1, 0; 2001 PR₅, 3, 1, 0; 2001 PS₅, 3, 1, 0; 2001 PT₅, 9, 2, 3; 2001 PU₅, 19, 4, 28; 2001 PV₅, 12, 3, 28; 2001 PW₅, 17, 4, 28; 2001 PX₅, 9, 2, 6; 2001 PY₅, 17, 4, 9; 2001 PA₆, 13, 3, 3; 2001 PC₆, 12, 3, 9; 2001 PD₆, 14, 3, 3; 2001 PE₆, 8, 2, 28; 2001 PF₆, 8, 2, 943; 2001 PG₆, 5, 1, 0; 2001 PH₆, 9, 2, 4; 2001 PJ₆, 7, 2, 3; 2001 PK₆, 5, 1, 0; 2001 PL₆, 20, 5, 476; 2001 PM₆, 8, 2, 8; 2001 PN₆, 9, 3, 8; 2001 PO₆, 9, 2, 8; 2001 PP₆, 7, 2, 8; 2001 PQ₆, 4, 1, 0; 2001 PS₆, 14, 3, 4; 2001 PT₆, 8, 2, 8; 2001 PU₆, 17, 4, 500; 2001 PV₆, 4, 1, 0; 2001 PW₆, 9, 2, 4; 2001 PX₆, 9, 2, 4; 2001 PY₆, 5, 1, 0; 2001 PZ₆, 15, 3, 473; 2001 PA₇, 10, 2, 22; 2001 PB₇, 10, 2, 3; 2001 PC₇, 9, 2, 8; 2001 PD₇, 5, 1, 0; 2001 PE₇, 9, 1, 0; 2001 PF₇, 10, 2, 20; 2001 PG₇, 5, 1, 0; 2001 PH₇, 10, 1, 0; 2001 PJ₇, 4, 1, 0; 2001 PL₇, 4, 1, 0; 2001 PM₇, 3, 1, 0; 2001 PO₇, 7, 2, 5; 2001 PP₇, 5, 1, 0; 2001 PR₇, 4, 1, 0; 2001 PS₇, 5, 1, 0; 2001 PT₇, 8, 2, 20; 2001 PW₇, 5, 1, 0; 2001 PX₇, 4, 1, 0; 2001 PY₇, 10, 2, 20; 2001 PA₈, 5, 1, 0; 2001 PB₈, 4, 1, 0; 2001 PF₈, 4, 1, 0; 2001 PH₈, 8, 2, 20; 2001 PJ₈, 4, 1, 0; 2001 PK₈, 5, 1, 0; 2001 PL₈, 4, 1, 0; 2001 PN₈, 4, 1, 0; 2001 PO₈, 5, 1, 0; 2001 PP₈, 5, 1, 0; 2001 PQ₈, 4, 1, 0; 2001 PS₈, 4, 1, 0; 2001 PT₈, 3, 1, 0; 2001 PU₈, 3, 1, 0; 2001 PV₈, 7, 2, 8; 2001 PX₈, 3, 1, 0; 2001 PZ₈, 3, 1, 0; 2001 PA₉, 32, 6, 27; 2001 PB₉, 3, 1, 0; 2001 PC₉, 6, 2, 8; 2001 PD₉, 13, 3, 4; 2001 PE₉, 12, 3, 8; 2001 PF₉, 12, 3, 4; 2001 PG₉, 8, 2, 2; 2001 PH₉, 8, 2, 896; 2001 PJ₉, 13, 3, 3; 2001 PK₉, 3, 1, 0; 2001 PL₉, 9, 2, 2; 2001 PM₉, 27, 7, 87; 2001 PN₉, 13, 3, 8; 2001 PP₉, 9, 2, 5; 2001 PX₉, 4, 1, 0; 2001 PY₉, 8, 2, 30; 2001 PZ₉, 5, 1, 0; 2001 PA₁₀, 10, 2, 3; 2001 PB₁₀, 5, 1, 0; 2001 PC₁₀, 8, 2, 3; 2001 PD₁₀, 12, 3, 20; 2001 PE₁₀, 13, 3, 8; 2001 PF₁₀, 3, 1, 0; 2001 PG₁₀, 4, 1, 0; 2001 PH₁₀, 9, 2, 3; 2001 PJ₁₀, 4, 1, 0; 2001 PL₁₀, 12, 3, 8; 2001 PM₁₀, 5, 1, 0; 2001 PN₁₀, 5, 1, 0; 2001 PO₁₀, 9, 2, 36; 2001 PQ₁₀, 3, 1, 0; 2001 PR₁₀, 5, 1, 0; 2001 PT₁₀, 5, 1, 0; 2001 PU₁₀, 8, 2, 6; 2001 PV₁₀, 5, 1, 0; 2001 PX₁₀, 5, 1, 0; 2001 PY₁₀, 5, 1, 0; 2001 PZ₁₀, 9, 2, 3; 2001 PA₁₁, 4, 1, 0; 2001 PB₁₁, 4, 1, 0; 2001 PC₁₁, 4, 1, 0; 2001 PD₁₁, 4, 1, 0; 2001 PE₁₁, 3, 1, 0; 2001 PH₁₁, 5, 1, 0; 2001 PK₁₁, 9, 2, 3; 2001 PL₁₁, 3, 1, 0; 2001 PN₁₁, 4, 1, 0; 2001 PO₁₁, 4, 1, 0; 2001 PQ₁₁, 3, 1, 0; 2001 PS₁₁, 8, 2, 20; 2001 PT₁₁, 4, 1, 0; 2001 PU₁₁, 5, 1, 0; 2001 PV₁₁, 5, 1, 0; 2001 PW₁₁, 13, 3, 23; 2001 PY₁₁, 4, 1, 0; 2001 PZ₁₁, 5, 1, 0; 2001 PA₁₂, 5, 1, 0; 2001 PB₁₂, 15, 3, 4; 2001 PC₁₂, 8, 2, 8; 2001 PD₁₂, 4, 1, 0; 2001 PE₁₂, 4, 1, 0; 2001 PG₁₂, 4, 1, 0; 2001 PH₁₂, 4, 1, 0; 2001 PJ₁₂, 5, 1, 0; 2001 PK₁₂, 3, 1, 0; 2001 PL₁₂, 3, 1, 0; 2001 PM₁₂, 3, 1, 0; 2001 PN₁₂, 5, 1, 0; 2001 PO₁₂, 8, 2, 4; 2001 PQ₁₂, 8, 2, 4; 2001 PR₁₂, 5, 1, 0; 2001 PU₁₂, 8, 2, 30; 2001 PV₁₂, 27, 6, 979; 2001 PW₁₂, 4, 1, 0; 2001 PX₁₂, 4, 1, 0; 2001 PY₁₂, 8, 2, 20; 2001 PZ₁₂, 5, 1, 0; 2001 PA₁₃, 14, 3, 4; 2001 PB₁₃, 10, 2, 2; 2001 PC₁₃, 5, 1, 0; 2001 PD₁₃, 4, 1, 0; 2001 PE₁₃, 5, 1, 0; 2001 PF₁₃, 5, 1, 0; 2001 PG₁₃, 14, 3, 4; 2001 PH₁₃, 10, 2, 2; 2001 PJ₁₃, 10, 2, 2; 2001 PK₁₃, 5, 1, 0; 2001 PL₁₃, 4, 1, 0; 2001 PM₁₃, 5, 1, 0; 2001 PN₁₃, 5, 1, 0; 2001 PP₁₃, 14, 3, 3; 2001 PR₁₃, 5, 1, 0; 2001 PS₁₃, 16, 4, 46; 2001 PW₁₃, 9, 2, 3; 2001 PX₁₃, 5, 1, 0; 2001 PY₁₃, 13, 3, 3; 2001 PZ₁₃, 15, 3, 4; 2001 PA₁₄, 9, 2, 2; 2001 PB₁₄, 5, 1, 0; 2001 PC₁₄, 9, 2, 2; 2001 PD₁₄, 10, 2, 22; 2001 PE₁₄, 14, 3, 4; 2001 PJ₁₄, 8, 2, 8; 2001 PK₁₄, 10, 2, 3; 2001 PL₁₄, 9, 2, 2; 2001 PM₁₄, 14, 3, 3; 2001 PN₁₄, 11, 3, 3; 2001 PQ₁₄, 15, 4, 29; 2001 PS₁₄, 9, 2, 3; 2001 PU₁₄, 9, 2, 3; 2001 PV₁₄, 12, 3, 8; 2001 PW₁₄, 4, 1, 0; 2001 PX₁₄, 10, 2, 5; 2001 PZ₁₄, 5, 1, 0; 2001 PA₁₅, 10, 2, 5; 2001 PB₁₅, 5, 1, 0; 2001 PC₁₅, 5, 1, 0; 2001 PE₁₅, 14, 3, 3; 2001 PF₁₅, 12, 3, 4; 2001 PG₁₅, 15, 4, 9; 2001 PH₁₅, 5, 1, 0; 2001 PO₁₅, 7, 2, 6; 2001 PX₁₅, 3, 1, 0; 2001 PY₁₅, 5, 1, 0; 2001 PZ₁₅, 4, 1, 0; 2001 PA₁₆, 3, 1, 0; 2001 PB₁₆, 5, 1, 0; 2001 PE₁₆, 7, 2, 6; 2001 PF₁₆, 9, 2, 6; 2001 PJ₁₆, 4, 1, 0; 2001 PK₁₆, 4, 1, 0; 2001 PL₁₆, 4, 1, 0; 2001 PM₁₆, 4, 1, 0; 2001 PS₁₆, 4, 1, 0; 2001 PY₁₆, 8, 2, 63; 2001 PM₁₇, 5, 1, 0; 2001 PO₁₇, 4, 1, 0; 2001 PX₁₇, 5,

3, 3; 2001 PX₂₅, 4, 1, 0; 2001 PY₂₅, 24, 5, 34; 2001 PA₂₆, 8, 2, 9; 2001 PB₂₆, 7, 2, 3; 2001 PC₂₆, 3, 1, 0; 2001 PD₂₆, 3, 1, 0; 2001 PE₂₆, 14, 3, 9; 2001 PF₂₆, 8, 2, 3; 2001 PJ₂₆, 6, 2, 3; 2001 PK₂₆, 16, 4, 9; 2001 PM₂₆, 10, 2, 9; 2001 PN₂₆, 9, 2, 6; 2001 PO₂₆, 13, 3, 9; 2001 PP₂₆, 11, 3, 9; 2001 PQ₂₆, 5, 1, 0; 2001 PR₂₆, 6, 2, 2; 2001 PS₂₆, 7, 2, 8; 2001 PT₂₆, 5, 1, 0; 2001 PU₂₆, 9, 2, 2; 2001 PV₂₆, 8, 2, 2; 2001 PW₂₆, 11, 3, 4; 2001 PX₂₆, 3, 1, 0; 2001 PY₂₆, 6, 2, 8; 2001 PZ₂₆, 3, 1, 0; 2001 PA₂₇, 3, 1, 0; 2001 PB₂₇, 3, 1, 0; 2001 PC₂₇, 9, 2, 4; 2001 PD₂₇, 5, 1, 0; 2001 PE₂₇, 17, 4, 8; 2001 PF₂₇, 3, 1, 0; 2001 PG₂₇, 8, 2, 2; 2001 PH₂₇, 3, 1, 0; 2001 PJ₂₇, 9, 2, 4; 2001 PK₂₇, 9, 2, 3; 2001 PL₂₇, 3, 1, 0; 2001 PM₂₇, 17, 3, 3; 2001 PN₂₇, 4, 1, 0; 2001 PO₂₇, 18, 3, 3; 2001 PQ₂₇, 8, 2, 8; 2001 PR₂₇, 9, 2, 8; 2001 PU₂₇, 4, 1, 0; 2001 PV₂₇, 11, 3, 2; 2001 PW₂₇, 9, 2, 3; 2001 PX₂₇, 13, 3, 9; 2001 PY₂₇, 4, 1, 0; 2001 PA₂₈, 5, 1, 0; 2001 PB₂₈, 20, 4, 29; 2001 PD₂₈, 4, 1, 0; 2001 PE₂₈, 5, 1, 0; 2001 PF₂₈, 11, 3, 8; 2001 PH₂₈, 4, 1, 0; 2001 PJ₂₈, 4, 1, 0; 2001 PK₂₈, 4, 1, 0; 2001 PL₂₈, 12, 3, 3; 2001 PM₂₈, 5, 1, 0; 2001 PQ₂₈, 3, 1, 0; 2001 PR₂₈, 12, 3, 3; 2001 PS₂₈, 3, 1, 0; 2001 PT₂₈, 15, 3, 3; 2001 PU₂₈, 19, 4, 9; 2001 PV₂₈, 3, 1, 0; 2001 PW₂₈, 8, 2, 5; 2001 PX₂₈, 5, 1, 0; 2001 PZ₂₈, 14, 3, 4; 2001 PA₂₉, 17, 4, 8; 2001 PD₂₉, 8, 2, 3; 2001 PE₂₉, 8, 2, 3; 2001 PF₂₉, 19, 4, 4; 2001 PL₂₉, 4, 1, 0; 2001 PM₂₉, 13, 3, 8; 2001 PN₂₉, 8, 2, 8; 2001 PO₂₉, 15, 4, 27; 2001 PP₂₉, 14, 3, 8; 2001 PQ₂₉, 6, 2, 7; 2001 PR₂₉, 6, 2, 7; 2001 PS₂₉, 11, 3, 8; 2001 PT₂₉, 3, 1, 0; 2001 PC₃₀, 3, 1, 0; 2001 PD₃₀, 4, 1, 0; 2001 PE₃₀, 4, 1, 0; 2001 PF₃₀, 5, 1, 0; 2001 PA₃₁, 4, 1, 0; 2001 PF₃₁, 7, 2, 3; 2001 PY₃₁, 4, 1, 0; 2001 PH₃₁, 5, 1, 0; 2001 PJ₃₁, 5, 1, 0; 2001 PK₃₁, 10, 2, 20; 2001 PN₃₁, 4, 1, 0; 2001 PT₃₁, 10, 2, 3; 2001 PZ₃₁, 6, 2, 4; 2001 PA₃₂, 4, 1, 0; 2001 PC₃₂, 10, 2, 20; 2001 PT₃₂, 3, 1, 0; 2001 PV₃₂, 5, 1, 0; 2001 PW₃₂, 4, 1, 0; 2001 PB₃₃, 9, 2, 4; 2001 PF₃₃, 5, 1, 0; 2001 PG₃₃, 10, 2, 4; 2001 PK₃₃, 14, 3, 8; 2001 PL₃₃, 13, 3, 8; 2001 PM₃₃, 15, 3, 8; 2001 PO₃₃, 5, 1, 0; 2001 PT₃₃, 4, 1, 0; 2001 PA₃₄, 5, 1, 0; 2001 PF₃₄, 5, 1, 0; 2001 PG₃₄, 5, 1, 0; 2001 PH₃₄, 5, 1, 0; 2001 PJ₃₄, 4, 1, 0; 2001 PK₃₄, 5, 1, 0; 2001 PM₃₄, 15, 3, 410; 2001 PE₃₄, 12, 3, 8; 2001 PF₃₄, 10, 1, 0; 2001 PL₃₄, 3, 1, 0; 2001 PN₃₄, 17, 4, 5; 2001 PT₃₄, 8, 2, 3; 2001 PW₃₄, 5, 1, 0; 2001 PC₃₅, 5, 1, 0; 2001 PE₃₅, 5, 1, 0; 2001 PF₃₅, 10, 1, 0; 2001 PL₃₅, 3, 1, 0; 2001 PN₃₅, 17, 4, 5; 2001 PT₃₅, 8, 2, 3; 2001 PW₃₅, 5, 1, 0; 2001 PC₃₆, 4, 1, 0; 2001 PE₃₆, 5, 1, 0; 2001 PR₃₆, 5, 1, 0; 2001 PT₃₆, 3, 1, 0; 2001 PW₃₆, 5, 1, 0; 2001 PM₃₇, 3, 1, 0; 2001 PS₃₇, 8, 2, 2; 2001 PQ₃₇, 23, 4, 29; 2001 PR₃₇, 4, 1, 0; 2001 PS₃₇, 8, 2, 4; 2001 PT₃₇, 5, 1, 0; 2001 PU₃₇, 3, 1, 0; 2001 PV₃₇, 8, 2, 4; 2001 PW₃₇, 8, 2, 4; 2001 PX₃₇, 4, 1, 0; 2001 PY₃₇, 4, 1, 0; 2001 PZ₃₇, 4, 1, 0; 2001 PA₃₈, 4, 1, 0; 2001 PB₃₈, 4, 1, 0; 2001 PC₃₈, 4, 1, 0; 2001 PD₃₈, 4, 1, 0; 2001 PE₃₈, 4, 1, 0; 2001 PF₃₈, 4, 1, 0; 2001 PG₃₈, 4, 1, 0; 2001 PH₃₈, 4, 1, 0; 2001 PJ₃₈, 4, 1, 0; 2001 PK₃₈, 4, 1, 0; 2001 PM₃₈, 4, 1, 0; 2001 PN₃₈, 4, 1, 0; 2001 PO₃₈, 4, 1, 0; 2001 PP₃₈, 4, 1, 0; 2001 PQ₃₈, 4, 1, 0; 2001 PR₃₈, 4, 1, 0; 2001 PS₃₈, 4, 1, 0; 2001 PT₃₈, 4, 1, 0; 2001 PU₃₈, 4, 1, 0; 2001 PV₃₈, 4, 1, 0; 2001 PW₃₈, 4, 1, 0; 2001 PX₃₈, 4, 1, 0; 2001 PY₃₈, 4, 1, 0; 2001 PZ₃₈, 4, 1, 0; 2001 PA₃₉, 4, 1, 0; 2001 PB₃₉, 4, 1, 0; 2001 PC₃₉, 4, 1, 0; 2001 PD₃₉, 4, 1, 0; 2001 PE₃₉, 4, 1, 0; 2001 PF₃₉, 4, 1, 0; 2001 PG₃₉, 4, 1, 0; 2001 PH₃₉, 4, 1, 0; 2001 PJ₃₉, 4, 1, 0; 2001 PK₃₉, 4, 1, 0; 2001 PM₃₉, 4, 1, 0; 2001 PN₃₉, 4, 1, 0; 2001 PO₃₉, 4, 1, 0; 2001 PP₃₉, 4, 1, 0; 2001 PQ₃₉, 4, 1, 0; 2001 PR₃₉, 4, 1, 0; 2001 PS₃₉, 4, 1, 0; 2001 PT₃₉, 4, 1, 0; 2001 PU₃₉, 4, 1, 0; 2001 PV₃₉, 4, 1, 0; 2001 PW₃₉, 4, 1, 0; 2001 PX₃₉, 4, 1, 0; 2001 PY₃₉, 4, 1, 0; 2001 PZ₃₉, 4, 1, 0; 2001 PA₄₀, 4, 1, 0; 2001 PB₄₀, 4, 1, 0; 2001 PC₄₀, 13, 3, 8; 2001 PD₄₀, 4, 1, 0; 2001 PE₄₀, 5, 1, 0; 2001 PF₄₀, 4, 1, 0; 2001 PG₄₀, 5, 1, 0; 2001 PH₄₀, 5, 1, 0; 2001 PJ₄₀, 4, 1, 0; 2001 PK₄₀, 5, 1, 0; 2001 PM₄₀, 5, 1, 0; 2001 PN₄₀, 5, 1, 0; 2001 PO₄₀, 5, 1, 0; 2001 PP₄₀, 5, 1, 0; 2001 PQ₄₀, 5, 1, 0; 2001 PR₄₀, 5, 1, 0; 2001 PS₄₀, 5, 1, 0; 2001 PT₄₀, 5, 1, 0; 2001 PU₄₀, 5, 1, 0; 2001 PV₄₀, 5, 1, 0; 2001 PW₄₀, 5, 1, 0; 2001 PX₄₀, 5, 1, 0; 2001 PY₄₀, 5, 1, 0; 2001 PZ₄₀, 5, 1, 0; 2001 PA₄₁, 9, 2, 4; 2001 PB₄₁, 9, 2, 4; 2001 PC₄₁, 3, 1, 0; 2001 PD₄₁, 9, 2, 4; 2001 PE₄₁, 4, 1, 0; 2001 PF₄₁, 9, 2, 8; 2001 PG₄₁, 9, 2, 8; 2001 PH₄₁, 9, 2, 8; 2001 PJ₄₁, 3, 1, 0; 2001 PK₄₁, 9, 2, 2; 2001 PN₄₁, 5, 1, 0; 2001 PO₄₁, 5, 1, 0; 2001 PP₄₁, 4, 1, 0; 2001 PQ₄₁, 4, 1, 0; 2001 PR₄₁, 4, 1, 0; 2001 PS₄₁, 7, 2, 4; 2001 PT₄₁, 4, 1, 0; 2001 PU₄₁, 14, 3, 8; 2001 PV₄₁, 4, 1, 0; 2001 PW₄₁, 4, 1, 0; 2001 PX₄₁, 5, 1, 0; 2001 PY₄₁, 13, 3, 8; 2001 PZ₄₁, 10, 2, 4; 2001 PA₄₂, 10, 2, 4; 2001 PB₄₂, 10, 2, 4; 2001 PC₄₂, 8, 2, 1; 2001 PD₄₂, 5, 1, 0; 2001 PE₄₂, 3, 1, 0; 2001 PF₄₂, 4, 1, 0; 2001 PG₄₂, 13, 3, 23; 2001 PH₄₂, 8, 2, 3, 1, 0; 2001 PJ₄₂, 5, 1, 0; 2001 PK₄₂, 5, 1, 0; 2001 PL₄₂, 5, 1, 0; 2001 PM₄₂, 5, 1, 0; 2001 PN₄₂, 3, 1, 0; 2001 PO₄₂, 5, 1, 0; 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(27102), 9, 2, 2; (27104), 9, 2, 8; (27106), 5, 1, 0; (27107), 5, 1, 0; (27108), 19, 4, 9; (27110), 13, 3, 8; (27111), 20, 4, 9; (27112), 3, 1, 0; (27113), 15, 3, 8; (27115), 11, 3, 8; (27116), 3, 1, 0; (27117), 5, 1, 0; (27118), 3, 1, 0; (27119), 10, 2, 9; (27121), 21, 3, 3; (27122), 14, 3, 9; (27123), 9, 2, 2; (27125), 18, 3, 3; (27126), 10, 2, 3; (27127), 14, 3, 9; (27128), 5, 1, 0; (27133), 5, 1, 0; (27134), 14, 3, 8; (27135), 5, 1, 0; (27138), 16, 4, 8; (27139), 5, 1, 0; (27141), 5, 1, 0; (27142), 13, 3, 13; (27143), 10, 2, 4; (27144), 9, 2, 3; (27145), 11, 3, 13; (27146), 3, 1, 0; (27147), 14, 3, 8; (27148), 22, 5, 535; (27149), 5, 1, 0; (27151), 13, 3, 8; (27153), 5, 1, 0; (27154), 17, 4, 8; (27155), 4, 1, 0; (27156), 10, 2, 4; (27157), 4, 1, 0; (27159), 7, 2, 7; (27160), 5, 1, 0; (27161), 3, 1, 0; (27162), 14, 3, 8; (27163), 10, 2, 2; (27165), 9, 2, 5; (27166), 13, 3, 8; (27167), 14, 3, 5; (27168), 19, 4, 8; (27169), 14, 3, 9; (27170), 10, 2, 2; (27171), 15, 3, 8; (27172), 4, 1, 0; (27173), 4, 1, 0; (27174), 3, 1, 0; (27176), 5, 1, 0; (27177), 13, 3, 8; (27179), 17, 4, 8; (27180), 9, 2, 1385; (27181), 5, 1, 0; (27182), 13, 3, 8; (27183), 4, 1, 0; (27184), 13, 3, 8; (27185), 13, 3, 8; (27186), 18, 4, 9; (27187), 4, 1, 0; (27188), 14, 3, 8; (27189), 17, 4, 13; (27191), 16, 4, 8; (27192), 10, 2, 6; (27193), 5, 1, 0; (27194), 8, 2, 2; (27196), 8, 2, 8; (27197), 12, 3, 8; (27199), 5, 1, 0; (27200), 5, 1, 0; (27201), 4, 1, 0; (27202), 8, 2, 7; (27203), 3, 1, 0; (27204), 12, 3, 8; (27206), 3, 1, 0; (27207), 14, 3, 8; (27208), 7, 2, 3; (27209), 10, 2, 3; (27210), 5, 1, 0; (27211), 5, 1, 0; (27212), 5, 1, 0; (27213), 5, 1, 0; (27214), 5, 1, 0; (27216), 8, 2, 8; (27217), 10, 2, 2; (27218), 15, 3, 9; (27219), 4, 1, 0; (27220), 4, 1, 0; (27221), 10, 2, 2; (27222), 9, 1, 0; (27223), 11, 3, 8; (27225), 7, 2, 2; (27226), 20, 4, 9; (27227), 11, 3, 8; (27228), 4, 1, 0; (27229), 5, 1, 0; (27231), 5, 1, 0; (27234), 5, 1, 0; (27246), 4, 1, 0; (27250), 5, 1, 0; (27252), 13, 3, 8; (27255), 14, 3, 8; (27256), 12, 3, 8; (27257), 18, 4, 9; (27269), 13, 3, 9; (27273), 12, 3, 8; (27274), 4, 1, 0; (27276), 13, 3, 8; (27278), 4, 1, 0; (27280), 4, 1, 0; (27281), 5, 1, 0; (27282), 12, 3, 3; (27284), 15, 3, 9; (27285), 15, 3, 9; (27288), 15, 3, 8; (27290), 18, 4, 8; (27291), 5, 1, 0; (27292), 5, 1, 0; (27294), 21, 4, 8; (27296), 15, 3, 8; (27297), 13, 3, 9; (27300), 19, 4, 9; (27301), 5, 1, 0; (27304), 4, 1, 0; (27305), 4, 1, 0; (27306), 15, 3, 8; (27307), 13, 3, 8; (27310), 13, 3, 7; (27312), 23, 4, 6; (27315), 13, 3, 8; (27316), 9, 2, 6; (27317), 9, 2, 6; (27319), 12, 3, 8; (27320), 13, 3, 8; (27324), 11, 3, 8; (27325), 17, 4, 8; (27326), 18, 4, 8; (27327), 9, 2, 3; (27328), 10, 3, 13; (27329), 18, 4, 8; (27330), 14, 3, 6; (27331), 17, 4, 8; (27332), 5, 1, 0; (27333), 11, 3, 13; (27336), 19, 4, 9; (27337), 4, 1, 0; (27338), 8, 2, 8; (27339), 13, 3, 8; (27343), 5, 1, 0; (27344), 9, 2, 3; (27345), 13, 3, 8; (27347), 19, 4, 9; (27350), 15, 3, 8; (27351), 15, 3, 9; (27352), 15, 3, 8; (27353), 23, 4, 8; (27354), 15, 3, 8; (27356), 10, 2, 3; (27357), 9, 2, 5; (27358), 15, 3, 3; (27365), 5, 1, 0; (27366), 3, 1, 0; (27367), 10, 2, 7; (27368), 7, 2, 5; (27369), 12, 3, 8; (27372), 7, 2, 3; (27373), 8, 2, 2; (27374), 4, 1, 0; (27376), 5, 1, 0; (27377), 13, 3, 3; (27380), 28, 4, 7; (27381), 5, 1, 0; (27383), 13, 3, 8; (27386), 5, 1, 0; (27387), 13, 3, 8; (27391), 5, 1, 0; (27392), 4, 1, 0; (27393), 10, 2, 4; (27395), 9, 2, 2; (27396), 5, 1, 0; (27399), 16, 3, 3; (27400), 8, 2, 2; (27401), 13, 3, 7; (27404), 17, 3, 8; (27406), 4, 1, 0; (27408), 3, 1, 0; (27409), 15, 4, 24; (27411), 5, 1, 0; (27415), 5, 1, 0; (27416), 8, 2, 8; (27417), 3, 1, 0; (27419), 19, 4, 9; (27420), 8, 2, 8; (27423), 8, 2, 6; (27424), 10, 2, 3; (27425), 3, 1, 0; (27427), 5, 1, 0; (27429), 14, 3, 3; (27431), 10, 2, 3; (27432), 3, 1, 0; (27434), 5, 1, 0; (27436), 13, 3, 6; (27437), 10, 3, 9; (27438), 13, 3, 8; (27439), 5, 1, 0; (27440), 18, 4, 9; (27441), 3, 1, 0; (27442), 8, 2, 1; (27443), 10, 2, 3; (27444), 14, 3, 8; (27445), 5, 1, 0; (27446),

10, 2, 5; (27447), 16, 3, 8; (27450), 10, 2, 3; (27451), 17, 4, 5; (27452), 10, 2, 3; (27453), 4, 1, 0; (27454), 6, 2, 8; (27455), 14, 3, 8; (27456), 13, 3, 8; (27457), 6, 2, 8; (27458), 7, 2, 3; (27459), 2, 1, 0; (27460), 7, 2, 5; (27461), 13, 3, 8; (27462), 10, 2, 3; (27465), 14, 3, 9; (27466), 4, 1, 0; (27467), 4, 1, 0; (27468), 4, 1, 0; (27469), 4, 1, 0; (27471), 12, 3, 503; (27472), 15, 3, 9; (27473), 17, 4, 8; (27476), 13, 3, 13; (27477), 18, 4, 9; (27478), 3, 1, 0; (27479), 9, 2, 3; (27480), 13, 3, 8; (27481), 13, 3, 8; (27482), 4, 1, 0; (27484), 15, 4, 14; (27485), 15, 3, 9; (27489), 3, 1, 0; (27490), 5, 1, 0; (27491), 14, 4, 477; (27492), 14, 3, 8; (27493), 5, 1, 0; (27494), 13, 3, 562; (27495), 13, 3, 8; (27496), 4, 1, 0; (27498), 15, 3, 8; (27499), 5, 1, 0; (27500), 13, 3, 8; (27502), 7, 2, 2; (27503), 10, 2, 3; (27505), 13, 3, 8; (27506), 7, 2, 6; (27508), 13, 3, 564; (27510), 5, 1, 0; (27514), 18, 4, 9; (27515), 13, 3, 8; (27516), 8, 2, 6; (27517), 16, 4, 8; (27518), 4, 1, 0; (27519), 13, 3, 3; (27520), 18, 4, 8; (27521), 11, 3, 8; (27522), 8, 2, 3; (27523), 9, 2, 5; (27524), 5, 1, 0; (27526), 19, 4, 9; (27527), 19, 4, 9; (27528), 14, 3, 3; (27529), 14, 3, 3; (27532), 10, 2, 8; (27534), 14, 3, 3; (27536), 17, 4, 7; (27537), 8, 2, 3; (27538), 4, 1, 0; (27539), 9, 2, 2; (27540), 8, 2, 2; (27542), 13, 3, 8; (27544), 15, 3, 8; (27545), 17, 4, 8; (27546), 8, 2, 8; (27547), 13, 3, 8; (27549), 10, 3, 8; (27550), 10, 3, 14; (27551), 5, 1, 0; (27552), 4, 1, 0; (27556), 14, 3, 9; (27557), 8, 2, 7; (27558), 11, 3, 8; (27560), 18, 4, 8; (27561), 13, 3, 8; (27563), 5, 1, 0; (27564), 5, 1, 0; (27566), 8, 2, 8; (27567), 5, 1, 0; (27594), 3, 1, 0; (27605), 4, 1, 0; (27609), 9, 2, 8; (27615), 8, 2, 7; (27619), 5, 1, 0; (27621), 5, 1, 0; (27623), 5, 1, 0; (27624), 28, 5, 9; (27626), 9, 2, 3; (27627), 5, 1, 0; (27630), 10, 2, 6; (27633), 18, 4, 9; (27634), 3, 1, 0; (27635), 9, 2, 3; (27637), 19, 4, 9; (27638), 13, 3, 8; (27640), 15, 3, 9; (27642), 9, 2, 3; (27644), 6, 2, 3; (27646), 3, 1, 0; (27647), 9, 2, 2; (27649), 11, 3, 6; (27650), 8, 2, 2; [148609, 16012, 3339*, 1997/03/06-2001/08/28]

706 Salinas

J. E. Hall, 10180 County Rd. 190, Salida, CO 81201, U.S.A. [teila@rmi.net]

0.25-m $f/6$ Newtonian reflector + CCD

GSC

2000 EY₅₅, 3, 1, 0; [3, 1, 0*, 2000/04/04]

711 McDonald Observatory

J. G. Ries, McDonald Observatory, University of Texas, Austin, TX 78712-1083,

U.S.A. [moon@astro.utexas.edu]

Observers J. G. Ries, P. J. Shelus

0.76-m reflector + CCD

USNO-A2.0

1994 PM, 3, 1, 0; 2000 ES₇₀, 3, 1, 0; 2001 FE₉₀, 3, 1, 0; 2001 LM₅, 2, 1, 0; 2001 LE₆, 3, 1, 0; 2001 LO₇, 3, 1, 0; 2001 MA₈, 3, 1, 0; 2001 OV₁₃, 3, 1, 0; 2001 QE₃₄, 6, 2, 1; 2001 QE₇₁, 3, 1, 0; 2001 QD₉₆, 6, 2, 1; 2001 QH₉₆, 3, 1, 0; 2001 QJ₉₆, 3, 1, 0; 2001 QA₁₁₄, 3, 1, 0; 2001 QG₁₄₂, 3, 1, 0; 2001 QH₁₄₂, 2, 1, 0; 2001 QO₁₄₂, 3, 1, 0; 2001 QJ₁₅₃, 6, 2, 1; (190), 4, 1, 0; (1256), 4, 1, 0; (4596), 3, 1, 0; (5653), 2, 1, 0; (5731), 3, 1, 0; (6611), 3, 1, 0; (7088), 3, 1, 0; (27346), 3, 1, 0; [86, 26, 0*, 2001/07/21-2001/08/28]

715 Jornada Observatory

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

[ddixon@lascruces.com]

0.3-m $f/3.5$ Schmidt-Cassegrain + CCD

USNO-A2.0

1998 QA₁, 3, 1, 0; 2000 HF₆₄, 5, 1, 0; 2001 LU₇, 3, 1, 0; [11, 3, 0*, 2001/08/06-2001/08/23]

716 Palmer Divide Observatory

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

USNO-A2.0

2001 PQ₄₆, 1, 1, 0; 2001 QD₆₈, 2, 1, 0; (8041), 3, 1, 0; [6, 3, 0*, 2001/08/12-2001/08/26]

726 Brainerd

J. E. Wentworth, 6469 Madson Ave. N.W., Brainerd, MN 56401, U.S.A.

[jimw@brainerd.net]

0.280-m Schmidt-Cassegrain + CCD

GSC-1.1

1998 XS₄, 5, 1, 0; 2000 GR₁₁₃, 6, 1, 0; 2001 MF₁, 27, 5, 7; 2001 OE₃, 11, 2, 3; (5786), 4, 1, 0; [53, 5, 0*, 2001/08/03–2001/08/12]

734 Farpoint Observatory, Eskridge

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

Observers G. Hug, D. Brunken

Measurer G. Hug

0.30-m Schmidt-Cassegrain + CCD

USNO-SA2.0

1999 BJ₁₂, 3, 1, 0; 2000 AG₁₆₈, 4, 2, 2; 2000 CC₅₉, 3, 1, 0; 2000 EE₃₉, 6, 2, 4; 2000 GR₁₃₃, 3, 1, 0; 2000 HP₁₁, 2, 1, 0; 2000 JW₁, 5, 2, 1; 2000 LR₁, 3, 1, 0; 2001 MU₇, 5, 2, 18; 2001 OT₂, 3, 1, 0; 2001 OX₁₂, 8, 3, 26; 2001 OM₅₇, 9, 2, 1; 2001 OG₈₂ *, 7, 2, 2; 2001 PL₁₃ *, 18, 5, 6; 2001 PM₁₃ *, 13, 4, 6; 2001 PT₂₉ *, 9, 3, 6; 2001 PA₄₁, 4, 1, 0; 2001 QA *, 19, 6, 12; 2001 QQ₁₀₈ *, 13, 4, 9; 2001 QK₁₁₁ *, 10, 3, 2; 2001 QL₁₁₁ *, 6, 2, 1; 2001 QM₁₁₁ *, 4, 2, 1; 2001 QW₁₅₂ *, 6, 2, 1; 2001 QX₁₅₂ *, 6, 2, 1; [169, 24, 11*, 2001/07/31–2001/08/28]

735 George Observatory, Needville

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

[bdillon@houston.geoquest.slb.com]

Observers A. Cruz, J. Dellinger, W. G. Dillon, B. Binder, L. Binder, K. Rivich,

P. Garossino, L. Casady, M. Eastman

Measurers J. Dellinger, W. G. Dillon, K. Rivich, L. Casady, A. Cruz

0.46-m reflector + CCD

USNO-A2.0

2000 BB₃₀, 3, 1, 0; 2000 GB₆₀, 6, 2, 6; 2001 MS₈, 15, 4, 6; 2001 NK, 6, 2, 20; 2001 NP₁₄, 3, 1, 0; 2001 OX₁₅, 6, 2, 6; 2001 OZ₁₅, 3, 1, 0; 2001 PQ₉, 2, 1, 0; 2001 PA₁₃, 9, 3, 12; 2001 PU₂₉ *, 12, 4, 12; 2001 QR₅, 15, 4, 6; 2001 QS₅, 5, 2, 1; 2001 QT₅, 3, 1, 0; 2001 QT₁₅, 3, 1, 0; 2001 QC₁₆, 3, 1, 0; 2001 QU₃₃ *, 11, 3, 6; 2001 QB₇₃ *, 6, 2, 5; 2001 QS₈₅, 2, 1, 0; 2001 QW₈₇ *, 6, 2, 1; 2001 QK₉₆ *, 6, 2, 3; 2001 QP₁₀₈ *, 9, 3, 6; 2190 T-1, 6, 2, 3; (26780), 3, 1, 0; (27501), 3, 1, 0; [146, 24, 6*, 2001/07/22–2001/08/23]

739 Sunflower Observatory, Olathe

L. Robinson, Sunflower Observatory, 14680 W. 144 St., Olathe, KS 66062, U.S.A.

[lrobinsn@ix.netcom.com]

0.30-m Schmidt-Cassegrain + CCD

USNO-SA2.0

2000 KA₅₄, 4, 1, 0; 2000 PH₅, 3, 1, 0; 2000 RC₁₀₁, 3, 1, 0; 2001 KR₅₉, 3, 1, 0; 2001 LV₁₁, 3, 1, 0; 2001 LL₁₂, 3, 1, 0; 2001 MF₁, 3, 1, 0; 2001 MQ₃, 3, 1, 0; 2001 MG₁₉, 3, 1, 0; 2001 OE₃, 13, 4, 10; 2001 OA₁₄, 7, 2, 9; (421), 3, 1, 0; (507), 3, 1, 0; (1865), 4, 1, 0; (2060), 4, 2, 2; (5786), 6, 2, 6; [68, 16, 0*, 2000/09/27–2001/08/26]

740 SFA Observatory, Nacogdoches

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

[f_bruntonwd@titan.sfasu.edu]

Observers R. Brady, W. D. Bruton, J. A. Martinez, K. J. Modi

Measurers W. D. Bruton, R. Brady

0.46-m Cassegrain reflector + CCD

GSC-1.1

2001 OA₇₄, 12, 2, 10; [12, 1, 0*, 2001/07/31–2001/08/10]

746 Brooks Observatory, Mt. Pleasant

W. Osborn, Physics Department, Central Michigan University, Mt. Pleasant, MI

48859, U.S.A. [osborn@leon.phy.cmich.edu]

Observer F. Welsh

0.40-m $f/12$ Cassegrain reflector + CCD

USNO-A2.0

(46), 3, 1, 0; (294), 6, 1, 0; (308), 3, 1, 0; [12, 3, 0*, 2001/07/30]

749 Oakwood

J. A. Howell, 4046 Lyman Way, Gainesville, GA 30507, U.S.A.

[andyho@mindspring.com]

0.46-m $f/4.4$ Newtonian reflector + CCD

GSC

2000 EB₁₄₁, 2, 1, 0; [2, 1, 0*, 2000/05/07]

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 $f/3.3$ reflector + CCD

USNO-A2.0

(130), 4, 2, 1; (5587), 11, 4, 13; (26471), 2, 1, 0; [17, 3, 0*, 2001/08/14–2001/08/27]

801 Oak Ridge

R. E. McCrosky, Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, U.S.A.

1.5-m reflector + CCD

GSC

2000 OU₁₃, 2, 1, 0; [2, 1, 0*, 1995/10/29]

807 Cerro Tololo

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

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

B. Gladman, Observatoire de Nice, Department Cassini, BP 229, F-06304 Nice Cedex 4, France [gladman@obs-nice.fr] (4)

Observers J. L. Elliot (1), L. H. Wasserman (1), I. Dell'Antonio (3),

V. Margoniner (3), D. Loomba (3), G. Wilson (3), M. Holman (4),

J. Kavelaars (4)

Measurers L. H. Wasserman, M. W. Buie, R. L. Millis, J. L. Elliot, S. D. Kern, S. Qu, J. A. Pate, D. Wittman, B. Gladman

4-m Blanco reflector + CCD

USNO-A2.0

{1} 1973 SZ, 2, 1, 0; 1978 VX₁₀, 2, 1, 0; 1979 MG₇, 2, 1, 0; 1983 RA₄, 2, 1, 0; 1992 EJ₁₇, 2, 1, 0; 1993 DU₂, 4, 1, 0; 1994 TX, 2, 1, 0; 1995 BV₁, 4, 1, 0; 1995 UM₅, 2, 1, 0; 1995 YS₁₂, 2, 1, 0; 1996 XN₁₉, 2, 1, 0; 1997 UN₉, 2, 1, 0; 1997 WH₁₀, 2, 1, 0; 1998 FQ₃₁, 2, 1, 0; 1998 RN₃₄, 2, 1, 0; 1998 SC₁₅₂, 2, 1, 0; 1998 VS₄, 2, 1, 0; 1998 WV₁₄, 2, 1, 0; 1998 WM₁₆, 2, 1, 0; 1998 XE₅₄, 2, 1, 0; 1999 AL₅, 2, 1, 0; 1999 BQ₂₄, 2, 1, 0; 1999 CD₂₁, 2, 1, 0; 1999 CM₂₃, 2, 1, 0; 1999 GW₁₈, 2, 1, 0; 1999 VU₁₈₆, 2, 1, 0; 2000 BN₅₀, 2, 1, 0; 2000 CV₇₇, 2, 1, 0; 2000 CY₁₀₂, 2, 1, 0; 2000 DK₁₁, 2, 1, 0; 2000 DH₅₀, 2, 1, 0; 2000 DR₅₁, 2, 1, 0; 2000 DC₉₀, 2, 1, 0; 2000 EL₃₇, 2, 1, 0; 2000 EK₃₉, 2, 1, 0; 2000 ET₄₆, 2, 1, 0; 2000 GH₇₁, 2, 1, 0; 2000 GP₁₀₂, 2, 1, 0; 2000 HQ₉, 2, 1, 0; 2000 HL₄₃, 2, 1, 0; 2000 HE₆₁, 2, 1, 0; 2000 HO₆₄, 2, 1, 0; 2000 HC₆₈, 2, 1, 0; 2000 JJ₂₄, 2, 1, 0; 2000 JP₃₅, 2, 1, 0; 2000 JB₄₄, 2, 1, 0; 2000 JZ₅₈, 2, 1, 0; 2000 KA₆, 2, 1, 0; 2000 KM₅₀, 4, 1, 0; 2000 LL₇, 2, 1, 0; 2000 OU₂₆, 2, 1, 0; 2000 RJ₇₆, 2, 1, 0; 2001 BG₇₂, 5, 1, 0; 2001 DL₈₆, 2, 1, 0; 2001 FO₈₅, 2, 1, 0; 2001 KN₂₂, 2, 1, 0; 2001 KB₃₇, 2, 1, 0; 2001 MC₁₃, 2, 1, 0; 2001 MN₁₅, 2, 1, 0; 2001 NA₂₁, 2, 1, 0; 2001 OD₁₂, 2, 1, 0; 2001 OF₁₄, 2, 1, 0; 2001 OF₂₁, 2, 1, 0; 2001 OA₆₆, 2, 1, 0; 2001 OX₆₇, 2, 1, 0; 2001 OG₇₀, 2, 1, 0; 2001 OZ₁₀₆, 2, 1, 0; 2001 PO₇, 2, 1, 0; 2001 QY₅, 2, 1, 0; 2001 QE₆, 2, 1, 0; 2001 QV₂₂, 2, 1, 0; 2001 QS₄₉, 2, 1, 0; 2001 QA₅₂, 2, 1, 0; 2001 QU₆₄, 2, 1, 0; 2085 T-1, 2, 1, 0; 2369 T-3, 2, 1, 0; (27082), 2, 1, 0; [163, 77, 0*, 2000/08/01–2001/05/24]

{3} 1999 VN₁₄₇, 4, 1, 0; 2000 GE₅₀, 4, 1, 0; [8, 2, 0*, 2000/03/08–2001/02/23]

{4} 2000 PY₂₉, 2, 1, 0; 2001 OQ₁₀₈, 4, 3, 3; 2001 OS₁₀₈, 2, 1, 0; 2001 OU₁₀₈, 2, 1, 0; [10, 4, 0*, 2001/08/09–2001/08/13]

808 Carlos U. Cesco Observatory, El Leoncito

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Marquesado-San Juan, Argentina [lopez2283@infovia.com.ar]

Observers H. S. Lepez, R. A. Gil-Hutton, C. E. Lopez

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

USNO-SA2.0, USNO-A2.0

2001 PE₁, 6, 1, 0; 2001 PF₁₄, 7, 1, 0; [13, 2, 0*, 2001/08/08–2001/08/13]

809 European Southern Observatory

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7 = 3 + 4

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Observers G. Pizarro, O. Pizarro, H. Debehogne, C. Cavadore

Measurers E. W. Elst, O. Hernius, C.-I. Lagerkvist, A. Niemi, O. Karlsson,
C. Cavadore

2.2-m reflector + CCD, 1.0-m Schmidt

DSS, USNO-A2.0, GSC

{1} 2001 KX₇₆, 2, 1, 0; [2, 1, 0*, 2000/07/03]

{4} 1992 UZ₇, 3, 1, 0; 1993 UG₅, 3, 1, 0; 1994 PW₁₁, 3, 1, 0; 1996 HG₃, 3, 1, 0; 1997 GP₃₄, 3, 1, 0; 1997 LJ₉, 3, 1, 0; 1997 LA₁₃, 3, 1, 0; 1998 FB₉₀, 3, 1, 0; 1998 QY₆₃, 3, 1, 0; 1998 VS₄₄, 3, 1, 0; 1998 WB₁₉, 3, 1, 0; 1999 AB₂, 3, 1, 0; 1999 LM₂₅, 3, 1, 0; 1999 TE₁₈₂, 3, 1, 0; 1999 TQ₂₂₆, 3, 1, 0; 2000 AT₁₄, 3, 1, 0; 2000 AD₁₂₆, 3, 1, 0; 2000 CR₃₆, 3, 1, 0; 2000 CG₅₆, 3, 1, 0; 2000 EU₇, 3, 1, 0; 2000 GW₈₂, 3, 1, 0; 2000 GN₁₅₃, 3, 1, 0; 2000 HU₂, 3, 1, 0; 2000 HW₆₄, 3, 1, 0; 2000 KQ₄₁, 3, 1, 0; 2000 SS₆₄, 3, 1, 0; 2000 UJ₁₄, 1, 1, 0; 2001 DF₆₅, 3, 1, 0; 2001 EX₁₈, 3, 1, 0; 2001 FK₃, 3, 1, 0; 2001 KP₄₅, 3, 1, 0; 2001 KA₅₂, 3, 1, 0; 2001 KO₇₃, 3, 1, 0; 2001 MX₂₈, 3, 1, 0; 2001 NE₃, 3, 1, 0; 2001 OV₈₈, 3, 1, 0; 2001 OG₉₅, 3, 1, 0; 2001 PA₁₀, 3, 1, 0; (27477), 3, 1, 0; (27494), 3, 1, 0; [118, 40, 0*, 1992/05/02–1998/09/21]

{7} 1993 SA₇, 3, 1, 0; 1995 DE₁₄, 3, 1, 0; 1997 MR₉, 3, 1, 0; 1999 VW₁₄₀, 3, 1, 0; 2000 FS₄, 3, 1, 0; 2000 GT₆₉, 3, 1, 0; 2000 MH₃, 3, 1, 0; 2000 SM₂, 3, 1, 0; 2001 DT₂₃, 3, 1, 0; 2001 MD₁₉, 6, 2, 10; 2001 OT₁₉, 3, 1, 0; 2001 OU₆₉, 6, 2, 10; 2623 P-L, 3, 1, 0; [45, 13, 0*, 1993/09/14–1993/10/22]

{8} 1983 QV, 1, 1, 0; 1990 ST₇, 2, 2, 34; 1990 SL₁₁, 1, 1, 0; 1992 EE₁₉, 1, 1, 0; 1992 GU₈, 1, 1, 0; 1993 NN₁, 1, 1, 0; 1994 PZ₁₃, 3, 3, 6; 1994 PU₁₄, 1, 1, 0; 1994 PA₁₇, 1, 1, 0; 1995 SY₄, 1, 1, 0; 1995 ST₁₅, 1, 1, 0; 1995 SU₁₆, 2, 2, 6; 1995 SO₃₄, 2, 2, 1; 1995 SO₅₇, 1, 1, 0; 1995 SE₆₆, 4, 4, 29; 1995 SN₇₀, 2, 2, 1; 1995 UM₁₈, 1, 1, 0; 1995 WQ₉, 2, 2, 4; 1997 EG₃₈, 4, 3, 5; 1997 GG₈, 1, 1, 0; 1997 WS₂₀, 1, 1, 0; 1998 FK₂₄, 2, 2, 2; 1998 FT₆₆, 1, 1, 0; 1998 QA₁₄, 1, 1, 0; 1998 QS₇₂, 1, 1, 0; 1998 RH₂, 1, 1, 0; 1998 RP₄₆, 1, 1, 0; 1998 RL₇₂, 1, 1, 0; 1998 SG₄₇, 1, 1, 0; 1998 VS₄₄, 1, 1, 0; 1999 CL₂₄, 1, 1, 0; 1999 CN₁₁₄, 1, 1, 0; 1999 FH₃₂, 1, 1, 0; 1999 HL₁₁, 4, 4, 6; 1999 JX₁₉, 1, 1, 0; 1999 JK₃₇, 2, 2, 31; 1999 JN₅₃, 1, 1, 0; 1999 RY₃₆, 2, 2, 8; 1999 RS₅₇, 1, 1, 0; 1999 RE₈₄, 1, 1, 0; 1999 RS₉₇, 1, 1, 0; 1999 RB₁₃₅, 1, 1, 0; 1999 RG₁₄₉, 1, 1, 0; 1999 RM₁₆₀, 2, 2, 30; 1999 RX₁₇₄, 6, 3, 2; 1999 SB₁₂, 1, 1, 0; 1999 TS₃₅, 2, 2, 3; 1999 TB₁₀₀, 1, 1, 0; 1999 TP₁₄₂, 1, 1, 0; 1999 UE₆, 1, 1, 0; 1999 UR₁₂, 1, 1, 0; 1999 UT₂₆, 2, 2, 5; 1999 UH₄₆, 1, 1, 0; 1999 VS₉₃, 1, 1, 0; 1999 VS₁₅₆, 1, 1, 0; 1999 WT₁, 1, 1, 0; 1999 XV₂₈, 2, 2, 5; 1999 XQ₇₁, 1, 1, 0; 1999 YQ₆, 1, 1, 0; 2000 AF₂₅, 3, 3, 4; 2000 AQ₉₇, 1, 1, 0; 2000 AJ₁₀₄, 1, 1, 0; 2000 AY₁₆₃, 2, 2, 1; 2000 AR₁₆₅, 1, 1, 0; 2000 CA₉₅, 1, 1, 0; 2000 DN₁₅, 1, 1, 0; 2000 DD₂₃, 1, 1, 0; 2000 DS₂₉, 2, 2, 1; 2000 DP₈₀, 1, 1, 0; 2000 ER₁₇, 2, 1, 0; 2000 ET₄₆, 1, 1, 0; 2000 EB₄₉, 1, 1, 0; 2000 EG₄₉, 1, 1, 0; 2000 EP₉₆, 1, 1, 0; 2000 FT₄₉, 1, 1, 0; 2000 GP₂₉, 1, 1, 0; 2000 GG₃₃, 1, 1, 0; 2000 GJ₅₃, 1, 1, 0; 2000 GP₅₉, 1, 1, 0; 2000 GV₁₄₄, 1, 1, 0; 2000 HR₁₃, 1, 1, 0; 2000 HX₄₀, 1, 1, 0; 2000 HR₅₁, 1, 1, 0; 2000 HB₇₂, 1, 1, 0; 2000 JH₂₆, 1, 1, 0; 2000 JN₂₈, 1, 1, 0; 2000 JT₃₃, 1, 1, 0; 2000 LW₅, 2, 2, 3; 2000 NL₁₄, 1, 1, 0; 2000 OL₃₅, 1, 1, 0; 2000 PD₆, 4, 4, 25; 2000 PX₁₀, 1, 1, 0; 2000 PP₂₂, 1, 1, 0; 2000 QR₁₇, 2, 2, 29; 2000 QR₇₆, 1, 1, 0; 2000 QC₉₁, 2, 2, 5; 2000 QS₁₅₀, 1, 1, 0; 2000 QK₁₆₉, 1, 1, 0; 2000 QW₁₈₈, 1, 1, 0; 2000 QB₂₀₉, 1, 1, 0; 2000 QE₂₃₁, 2, 2, 1; 2000 RA₆, 1, 1, 0; 2000 RH₁₀, 1, 1, 0; 2000 RU₅₄, 1, 1, 0; 2000 RF₆₅, 1, 1, 0; 2000 SH₂₅, 1, 1, 0; 2000 SC₃₉, 2, 2, 1; 2000 SA₈₈, 1, 1, 0; 2000 SD₁₀₂, 2, 2, 5; 2000 SB₁₁₃, 3, 3, 5; 2000 SJ₁₇₅, 1, 1, 0; 2000 SE₂₂₂, 1, 1, 0; 2000 SM₂₂₈, 1, 1, 0; 2000 SN₂₅₆, 1,

1, 0; 2000 SU₂₇₃, 1, 1, 0; 2000 TV₅₅, 1, 1, 0; 2000 UJ₄₉, 1, 1, 0; 2000 UO₉₆, 1, 1, 0; 2000 VH₃₈, 1, 1, 0; 2000 VG₄₄, 1, 1, 0; 2000 VW₅₆, 3, 3, 37; 2000 YJ₁₁₀, 1, 1, 0; 2001 AD₂₇, 1, 1, 0; 2001 DG₂₉, 1, 1, 0; 2001 NE₁₁, 2, 2, 5; 2001 NW₁₂, 1, 1, 0; 2001 OZ₆₈, 2, 2, 5; 2001 OJ₇₁, 1, 1, 0; 2001 PQ₂, 1, 1, 0; 4022 P-L, 1, 1, 0; 6095 P-L, 2, 2, 2; 6281 P-L, 1, 1, 0; 4286 T-2, 1, 1, 0; (27278), 1, 1, 0; (27324), 1, 1, 0; (27558), 1, 1, 0; (27576), 1, 1, 0; [186, 137, 0*, 1992/02/29–1998/03/02]

835 Drum Hill Station, Chelmsford

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

GSC

(895), 3, 1, 0; (3706), 2, 1, 0; (5247), 3, 1, 0; (6859), 3, 1, 0; (17154), 3, 1, 0; (17274), 3, 1, 0; [17, 6, 0*, 1999/07/05–2000/09/06]

842 Gettysburg College Observatory

G. A. Snyder, Gettysburg College, 300 N. Washington Street, Gettysburg,
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Observers L. Marschall

Measurer G. A. Snyder

0.4-m $f/11.5$ reflector + CCD

USNO-SA2.0, GSC-ACT

2000 AY₁₄₆, 3, 1, 0; 2001 KL₄₀, 3, 1, 0; [6, 2, 0*, 2001/08/15–2001/08/16]

843 Emerald Lane Observatory

L. C. Ball, 4311 Emerald Lane, Decatur, AL 35603, U.S.A. [elo843@charter.net]

0.41-m $f/6.2$ Schmidt-Cassegrain + CCD

GSC-1.2, USNO-SA2.0

1974 OU₁, 4, 1, 0; 1990 RB₁, 4, 1, 0; 1996 TT₉, 4, 1, 0; 1998 SM₁₁₁, 3, 1, 0; 1998 UN₂₂, 2, 1, 0; 1998 WA₁₄, 3, 1, 0; 2000 CU₅₂, 4, 1, 0; 2000 DZ₁₄, 4, 1, 0; 2000 EJ₃₉, 2, 1, 0; 2000 EE₅₉, 3, 1, 0; 2000 EL₈₇, 4, 1, 0; 2000 EP₁₂₂, 7, 2, 1; 2000 EQ₁₂₉, 4, 1, 0; 2000 GW₇₆, 10, 3, 2; 2000 GH₉₃, 4, 1, 0; 2000 GA₁₀₇, 3, 1, 0; 2000 JZ₅₃, 3, 1, 0; 2001 NC₆, 4, 2, 2; 2001 PT₆, 1, 0; 2001 PV₁₃ *, 14, 4, 7; 2001 PX₁₄ *, 19, 4, 12; 2001 PK₂₉ *, 11, 3, 6; 2001 PL₂₉ *, 15, 4, 7; 2001 QX₁₉, 4, 1, 0; 2001 QQ₇₁ *, 14, 4, 4; 2001 QR₇₁ *, 7, 2, 1; 2001 QT₇₁ *, 13, 4, 4; 2001 QP₁₀₀ *, 10, 3, 2; 2001 QF₁₁₁ *, 7, 2, 2; (10534), 4, 1, 0; (10570), 4, 1, 0; (15561), 4, 1, 0; (26961), 3, 1, 0; [207, 33, 9*, 2001/08/01–2001/08/27]

844 Los Molinos

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Observers F. Artigue, R. Salvo

0.35-m $f/6.4$ reflector + CCD

USNO-A2.0

(2060), 3, 1, 0; (3691), 3, 1, 0; (5645), 3, 1, 0; (7889), 3, 1, 0; (20826), 5, 2, 14; (27234), 6, 2, 11; [23, 6, 0*, 2001/07/29–2001/08/20]

859 Serra da Piedade

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[cjacques@unix.horizontes.com.br]

0.30-m $f/3.3$ reflector + CCD

GSC

2001 DO₁₀₇, 3, 1, 0; 2001 OG₁₀₈, 3, 1, 0; 2001 PD₁, 3, 1, 0; 2001 PL₉, 3, 1, 0; 2001 PU₉, 3, 1, 0; [15, 5, 0*, 2001/02/28–2001/08/13]

860 Valinhos

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Observers

P. R. Holvorcem, M. Breganhola, M. Fidêncio Neto, A. G. O. K. Martins,
R. Maluhy, Jr.

Measurer P. R. Holvorcem

0.36-m $f/3.6$ Schmidt-Cassegrain + CCD

USNO-A2.0

1988 RO₁, 2, 1, 0; 1996 FD, 3, 1, 0; 2000 CN₈₆, 3, 1, 0; 2000 JZ₆₈, 3, 1, 0; 2001 KP₇₅, 3, 1, 0; 2001 OA₁₄, 3, 1, 0; 2001 ON₁₆, 3, 1, 0; 2001 OP₁₆, 3, 1, 0; 2001 PH₃₅, 3, 1, 0; 2001 QZ₃₃, 3, 1, 0; 3403 T-3, 3, 1, 0; (1099), 3, 1, 0; [35, 12, 0*, 2001/08/12–2001/08/19]

888 Gekko Observatory

T. Kagawa, 1308-222, Kuwahara, Kannami-cho, Tagata-gun, Shizuoka-Ken, 419-010, Japan

0.50-m $f/4.0$ reflector + CCD

GSC-1.1

1989 WJ, 3, 1, 0; 1998 TA, 3, 1, 0; 1998 TE, 3, 1, 0; 1999 AN₃, 3, 1, 0; 1999 AE₂₁, 3, 1, 0; 1999 CH₉₄, 3, 1, 0; 1999 DR₃, 3, 1, 0; 1999 GP₅, 3, 1, 0; (15751), 3, 1, 0; [27, 9, 0*, 2001/08/22–2001/08/23]

910 Caussols-ODAS

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Observers A. Maury, D. Albanese, G. Hahn, M. Hoffmann

Measurers A. Maury, G. Hahn

0.90-m Schmidt + CCD

GSC

1993 QU₅, 3, 1, 0; 1993 TN₄₁, 3, 1, 0; 1995 UN₇₄, 3, 1, 0; 1997 EG₃₈, 3, 1, 0; 1997 LS₂, 3, 1, 0; 1997 WU₁₇, 3, 1, 0; 1997 WP₃₇, 3, 1, 0; 1997 WY₅₀, 6, 2, 1; 1997 WN₅₇, 3, 1, 0; 1999 CF₃₈, 3, 1, 0; 1999 CL₃₈, 3, 1, 0; 1999 JJ₇₁, 3, 1, 0; 1999 NN₁₃, 3, 1, 0; 1999 UK₁₄, 3, 1, 0; 2000 AM₉₆, 3, 1, 0; 2000 BB₁₀, 3, 1, 0; 2000 CV₄₄, 3, 1, 0; 2000 CB₆₄, 3, 1, 0; 2000 CJ₁₀₂, 3, 1, 0; 2000 DG₂₅, 3, 1, 0; 2000 DA₆₃, 3, 1, 0; 2000 EC₂₇, 3, 1, 0; 2000 EQ₄₅, 3, 1, 0; 2000 EB₄₉, 3, 1, 0; 2000 EZ₁₃₂, 3, 1, 0; 2000 GA₄, 3, 1, 0; 2000 GO₉₃, 3, 1, 0; 2000 GZ₁₀₉, 3, 1, 0; 2000 KH₁₃, 3, 1, 0; 2000 KC₁₄, 3, 1, 0; 2000 LK₃₃, 3, 1, 0; 2000 RG₂, 3, 1, 0; 2001 EU, 3, 1, 0; 2001 FF₁₂₃, 3, 1, 0; 2001 FQ₁₅₂, 3, 1, 0; 2001 JJ₄, 3, 1, 0; 2001 KP₄₅, 3, 1, 0; 2001 MW₁₈, 6, 1, 0; 2001 NL₆, 3, 1, 0; 2001 NQ₁₂, 3, 1, 0; 2001 NT₁₈, 3, 1, 0; 2001 ND₂₁, 3, 1, 0; 2001 NE₂₁, 3, 1, 0; 2001 OY₂, 3, 1, 0; 2001 OE₂₁, 3, 1, 0; 2001 OU₂₅, 3, 1, 0; 2001 OE₄₆, 3, 1, 0; 2001 OJ₇₁, 3, 1, 0; 2001 OY₇₉, 3, 1, 0; 2001 OZ₈₉, 3, 1, 0; 4126 P-L, 3, 1, 0; 3333 T-2, 3, 1, 0; (27339), 3, 1, 0; [165, 53, 0*, 1997/01/31–1999/03/16]

916 Oakley Observatory, Terre Haute

R. Ditteon, Rose-Hulman Institute CM171, 5500 Wabash Avenue, Terre Haute, IN 47803, U.S.A. [richard.p.ditteon@rose-hulman.edu]

Observer C. Wolfe

Measurers C. Wolfe, R. Ditteon, C. Jester, F. Strege

0.36-m $f/7$ Schmidt-Cassegrain + CCD, 0.28-m $f/10$ Schmidt-Cassegrain + CCD

GSC-ACT

1999 CU₁₄, 6, 2, 1; 1999 JP₁₉, 6, 2, 1; 2000 DC₇₀, 6, 2, 1; 2000 EF₁₀₀, 4, 2, 1; 2000 HP₈₉, 4, 2, 1; 2001 ND₂₀, 8, 2, 1; 2001 OO₇₁, 5, 2, 1; 2001 OE₇₂, 6, 2, 1; 2001 OJ₁₀₇, 5, 2, 1; 2001 OT₁₀₇, 6, 2, 1; 2001 PH₃, 13, 2, 1; 2001 PF₃₁, 6, 2, 1; 2001 PQ₄₆, 11, 2, 1; 2001 QR₂₂, 6, 2, 1; 2001 QG₂₃, 6, 2, 1; 2001 QN₂₃, 6, 2, 1; 2001 QP₂₃, 5, 2, 1; 2001 QQ₂₃, 3, 1, 0; 2001 QN₂₇, 6, 2, 1; 2001 QH₃₁, 10, 2, 1; 2001 QK₃₁, 4, 2, 1; 2001 QZ₆₄, 4, 2, 1; 2001 QD₆₈ *, 13, 2, 1; 2001 QE₆₈ *, 10, 2, 1; 2001 QF₆₈ *, 20, 2, 1; 2001 QG₆₈ *, 6, 2, 1; 2001 QH₆₈ *, 7, 2, 1; 2001 QJ₆₈ *, 12, 2, 1; 2001 QK₆₈ *, 20, 2, 1; 2001 QL₆₈ *, 19, 2, 1; 2001 QM₆₈ *, 13, 2, 1; 2001 QN₆₈ *, 14, 2, 1; 2001 QO₆₈ *, 10, 2, 1; 2001 QP₆₈ *, 13, 2, 1; 2001 QR₆₈ *, 4, 2, 1; 2001 QS₆₈ *, 6, 2, 1; 2001 QT₆₈ *, 5, 2, 1; 2001 QU₆₈ *, 5, 2, 1; 2001 QV₆₈ *, 6, 2, 1; 2001 QU₇₁ *, 7, 2, 1; 2001 QV₇₁ *, 6, 2, 1; 2001 QW₇₁ *, 5, 2, 1; 2001 QX₇₁ *, 5, 2, 1; 2001 QY₇₁ *, 5, 2, 1; 2001 QZ₇₁ *, 11, 2, 1; 2001 QA₇₂ *, 4, 2, 1; 2001 QB₇₂ *, 5, 2, 1; 2001 QC₇₂ *, 5, 2, 1; (994), 3, 1, 0; (1170), 11, 2, 1; (1873), 3, 1, 0; (14662), 3, 1, 0; (14958), 3, 1, 0; (17007), 3, 1, 0; (27128), 3, 1, 0; [401, 55, 26*, 2001/08/20–2001/08/21]

918 Badlands Observatory, Quinn

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0.66-m $f/4.8$ reflector + CCD

GSC-1.2

1994 PU₂₀, 3, 1, 0; 1999 CQ₁₁₇, 4, 1, 0; 2000 CH₇₀, 4, 1, 0; 2000 EB₆₀, 3, 1, 0; 2000 EG₁₀₆, 3, 1, 0; 2000 EV₁₃₇, 3, 1, 0; 2001 DV₅₅, 2, 1, 0; 2001 MJ, 7, 2, 1; 2001 ME₁₄, 4, 1, 0; 2001 OK, 8, 2, 8; 2001 OT, 5, 1, 0; 2001 OH₈, 3, 1, 0; 2001 OY₁₃, 4, 1, 0; 2001 OG₂₅, 5, 1, 0; 2001 OF₈₄, 2, 1, 0; 2001 PJ, 3, 1, 0; 2001 PE₁, 3, 1, 0; 2001 PL₉, 4, 1, 0; 2001 PM₉, 3, 1, 0; 2001 PU₉, 5, 1, 0; 2001 PT₁₃, 4, 1, 0; 2001 PX₁₃ *, 13, 4, 14; 2001 PW₁₄ *, 11, 3, 7; 2001 PC₂₉ *, 12, 3, 7; 2001 PH₂₉, 4, 1, 0; 2001 QB *, 13, 4, 11; 2001 QJ, 3, 1, 0; 2001 QN, 4, 1, 0; 2001 QZ₁₀, 4, 1, 0; 2001 QH₃₃, 4, 1, 0; 2001 QT₃₃, 3, 1, 0; 2001 QA₃₄, 3, 1, 0; 2001 QC₃₄, 3, 1, 0; 2001 QE₃₄, 4, 1, 0; 2001 QG₉₄, 3, 1, 0; 2001 QG₉₆, 4, 1, 0; 2001 QS₁₀₈, 4, 1, 0; 2001 QT₁₀₈, 3, 1, 0; 2001 QU₁₀₈, 3, 1, 0; 2001 QZ₁₁₃, 3, 1, 0; 2001 QK₁₄₂, 4, 1, 0; 2001 QA₁₄₃, 4, 1, 0; 2001 QJ₁₅₃, 3, 1, 0; (260), 3, 1, 0; (368), 4, 1, 0; (392), 4, 1, 0; (421), 4, 1, 0; (449), 3, 1, 0; (1003), 4, 1, 0; (1962), 4, 1, 0; (2020), 3, 1, 0; (2529), 3, 1, 0; (4236), 4, 1, 0; (4648), 7, 2, 1; (8375), 4, 1, 0; (9948), 3, 1, 0; (14642), 4, 1, 0; (27037), 3, 1, 0; [251, 58, 4*, 2001/02/15–2001/08/27]

919 Desert Beaver Observatory

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

[cyber.bill@sprynet.com]

0.45-m reflector + CCD

GSC-ACT

1999 RA₁₄₈, 2, 1, 0; 2000 DE₂₆, 3, 1, 0; 2001 MF, 2, 1, 0; 2001 NT₆, 4, 2, 1; 2001 OW₈₄, 2, 1, 0; 2001 OP₈₅, 2, 1, 0; 2001 PZ₁₃, 6, 1, 0; [21, 7, 0*, 2001/01/21–2001/07/28]

920 RIT Observatory, Rochester

M. Richmond, Physics Department, Rochester Institute of Technology, 85 Lomb Memorial Drive, Rochester, NY 14623-5603, U.S.A. [mwrsp@rit.edu]

Observers M. Richmond

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

USNO-A2.0

1998 XS₉₃, 6, 2, 1; [6, 1, 0*, 2001/07/15–2001/07/16]

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

Measurer P. R. Holvorcem

0.5-m $f/10$ Ritchey-Chrétien + CCD

USNO-A2.0, USNO-SA2.0

2001 DJ₁₀₇, 3, 1, 0; [3, 1, 0*, 2001/02/27]

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

USNO-A2.0

(3443), 72, 2, 1; [72, 1, 0*, 2001/08/11–2001/08/12]

939 Observatorio Rodeno

J. Castellano, Av. Primado Reig 183, E-46020 Valencia, Spain [julioc@ono.com]

0.20-m $f/10$ Schmidt-Cassegrain + CCD ST6

USNO-SA1.0

1985 RA₁, 6, 2, 1; 2000 AE₆₂, 6, 2, 1; 2001 KR₇₅, 6, 2, 1; 2001 OV₈₇, 6, 2, 1; (719), 9, 3, 9; (1916), 3, 1, 0; (5587), 6, 2, 2; (26760), 6, 2, 4; [48, 8, 0*, 2001/08/02–2001/08/23]

941 Observatorio Pla D'Arguines

R. Ferrando, Guardia Civil N. 22, ESC-5 PTA.-34, E-46020 Valencia, Spain

[rferrand@jazzfree.com]

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

USNO-SA2.0, GSC-1.1

1998 UN₃₂, 5, 1, 0; 1998 WL₇, 4, 1, 0; 1998 WO₁₉, 7, 2, 6; 1999 AL₂₄, 2, 1, 0; 2000 AU₄₂, 12, 2, 1; 2000 BY₁₇, 5, 1, 0; 2000 CK₅₈, 3, 1, 0; 2000 CJ₁₀₂, 3, 1, 0; 2000 DK₇₁, 5, 1, 0; 2000 EH₁₀₈, 7, 2, 1; 2000 ER₁₃₈, 7, 2, 1; 2000 EP₁₅₃, 3, 1, 0; 2000 GK₈₅, 2, 1, 0; 2000 GE₁₀₁, 4, 1, 0; 2000 GT₁₁₂, 4, 1, 0; 2000 HG₃₆, 5, 1, 0; 2000 HN₄₁, 2, 1, 0; 2000 HY₈₄, 3, 1, 0; 2000 JX₃₆, 4, 1, 0; 2000 JC₃₉, 5, 1, 0; 2001 OM₆, 4, 1, 0; 2001 QM₃₃ *, 23, 5, 7; 2001 QE₇₁, 5, 1, 0; 2001 QA₁₁₁ *, 15, 2, 1; 2001 QB₁₁₁ *, 11, 2, 1; [150, 25, 3*, 2001/08/06–2001/08/26]

946 Ametlla de Mar

J. Nomen, Rio de Oro 25, bjos2, E-08034 Barcelona, Spain
[jnomen@astro.gea.cesca.es]

Observers J. Nomen, S. Sanchez
0.40-m $f/2.0$ Schmidt + CCD
USNO-SA2.0

2001 LN₁₂, 3, 1, 0; 2001 OF₁₀₂, 3, 1, 0; 2001 PE₁, 3, 1, 0; 2001 PE₇, 3, 1, 0; 2001 PM₉, 6, 2, 2; 2001 PN₉ *, 5, 2, 2; 2001 PO₉ *, 7, 2, 2; 2001 PW₁₂ *, 10, 2, 1; 2001 PH₁₃, 3, 1, 0; 2001 PG₁₄, 3, 1, 0; 2001 PQ₁₄ *, 7, 2, 1; 2001 PO₃₅, 15, 3, 3; 2001 QE₂ *, 5, 2, 1; 2001 QF₂ *, 5, 2, 1; 2001 QG₂ *, 4, 2, 1; 2001 QH₃₃, 4, 1, 0; 2001 QZ₃₃, 4, 1, 0; 2001 QA₃₄, 3, 1, 0; 2001 QE₃₄, 3, 1, 0; 2001 QO₇₂, 2, 1, 0; 2001 QO₇₃ *, 2, 1, 0; 2001 QJ₉₆, 7, 2, 1; 2001 QM₁₀₈ *, 7, 2, 1; 2001 QG₁₄₂, 3, 1, 0; 2001 QJ₁₅₃, 3, 1, 0; (26760), 4, 1, 0; [124, 26, 9*, 2001/08/07–2001/08/27]

947 Saint-Sulpice

B. Christophe, 63 rue Belliard, F-75018 Paris, France [bchristo@club-internet.fr]

0.60-m $f/5.6$ relector + CCD
USNO-SA1.0
(11287), 7, 1, 0; [7, 1, 0*, 2001/08/24]

950 La Palma

A. Fitzsimmons, Physics Department, Queen's University, Belfast BT7 1NN, Northern Ireland [a.fitzsimmons@qub.ac.uk] (3)

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Observers R. Greimel, D. M. Bramich, D. D. Balam
1.0-m $f/15$ reflector + CCD
GSC

{3} 2001 QJ₉₆, 3, 1, 0; [3, 1, 0*, 2001/08/27]

{7} 1998 SN₆₀, 3, 1, 0; [3, 1, 0*, 2001/03/03]

{9} 2001 QR₃₃, 3, 1, 0; 2001 QC₃₄, 3, 1, 0; 2001 QE₁₀₁ *, 10, 2, 1; (4596), 3, 1, 0; (5786), 3, 1, 0; (26760), 3, 1, 0; [25, 6, 1*, 2001/08/17–2001/08/19]

951 Highworth

J. W. Rock, 2 Spa Close, Highworth, Swindon, Wiltshire SN6 7PJ, England [john-rock@beeb.net]

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

(3443), 3, 1, 0; (4418), 3, 1, 0; (9968), 2, 1, 0; (14859), 3, 1, 0; (26087), 3, 1, 0; (26369), 3, 1, 0; [17, 6, 0*, 2001/08/10]

952 Marxuquera

J. J. Gómez D., Cardenal Cisneros 55-4-8, E-46700 Gandia, Spain
[astsafor@arrakis.es]

0.25-m $f/6.3$ Schmidt-Cassegrain + CCD
GSC-1.1, USNO-SA2.0, USNO-A2.0

1992 GE₃, 3, 1, 0; 2000 EO₁₇₇, 5, 1, 0; 2000 GK₃₂, 3, 1, 0; 2001 FX₁₂₉, 3, 1, 0; 2001 NY₁₈, 3, 1, 0; 2001 OY₅, 3, 1, 0; 2001 QQ₂, 3, 1, 0; 2001 QM₃₃, 3, 1, 0; (5479), 3, 1, 0; (5786), 4, 1, 0; [33, 10, 0*, 2001/03/14–2001/08/25]

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C/2001 A2-B (LINEAR)

Epoch 2001 May 11.0 TT = JDT 2452040.5

T	2001 May 24.5204 TT			
			Nakano	
q		(2000.0)	P	Q
z	+0.000860	ω 295.3289	-0.4763977	+0.6952429
	± 0.000002	Ω 295.1252	-0.4247782	-0.7179664
e	0.999330	i 36.4748	-0.7698108	-0.0340806

From 1250 observations 2001 Jan. 3–Aug. 27, mean residual 0".7. Nongravitational parameters $A_1 = +0.57 \pm 0.01$, $A_2 = -0.4596 \pm 0.0121$.

C/2001 B1 (LINEAR)

Epoch 2000 Sept. 13.0 TT = JDT 2451800.5

T	2000 Sept. 19.3034 TT			
			Marsden	
q		(2000.0)	P	Q
z	-0.000280	ω 284.8194	-0.0153892	+0.6712876
	± 0.000031	Ω 49.8326	+0.6919162	+0.5421672
e	1.000821	i 104.1319	-0.7218138	+0.5053985

From 56 observations 2001 Jan. 22–Aug. 22, mean residual 0".7.

C/2001 K3 (Skiff)

Epoch 2001 May 11.0 TT = JDT 2452040.5

T	2001 Apr. 22.8817 TT			
			Marsden	
q		(2000.0)	P	Q
z	+0.000348	ω 3.4536	+0.3737946	+0.5572584
	± 0.000010	Ω 289.8492	-0.8687481	-0.0696618
e	0.998936	i 52.0248	-0.3248912	+0.8274118

From 268 observations 2001 May 22–Aug. 26, mean residual 0".7.

C/2001 K5 (LINEAR)

Epoch 2002 Oct. 13.0 TT = JDT 2452560.5

<i>T</i>	2002 Oct. 11.8540 TT		Marsden	
<i>q</i>	5.183040	(2000.0)	P	Q
<i>z</i>	+0.000097	ω 47.0757	-0.1815430	+0.5656678
	± 0.000019	Ω 237.4627	-0.9128262	+0.2073211
<i>e</i>	0.999499	<i>i</i> 72.5859	+0.3657739	+0.7981465

From 213 observations 2001 Apr. 30–Aug. 23, mean residual 0^u.5.

P/2001 MD₇ (LINEAR)

<i>T</i>	2001 Nov. 30.1250 TT		Marsden	
<i>q</i>	1.254302	(2000.0)	P	Q
<i>n</i>	0.1245244	ω 244.8422	+0.9507904	-0.2512475
<i>a</i>	3.971609	Ω 129.1688	+0.2917848	+0.9229006
<i>e</i>	0.684183	<i>i</i> 13.5243	-0.1042080	+0.2917691

P 7.91

From 151 observations 2001 June 21–Aug. 23.

C/2001 M10 (NEAT)

<i>T</i>	2001 June 20.7549 TT		Marsden	
<i>q</i>	5.297901	(2000.0)	P	Q
<i>n</i>	0.0071398	ω 5.4367	+0.4798097	+0.7649455
<i>a</i>	26.710339	Ω 293.9021	-0.8216496	+0.2200018
<i>e</i>	0.801654	<i>i</i> 28.0348	-0.3076923	+0.6053574

P 138

From 55 observations 2001 June 20–Aug. 19.

C/2001 N2 (LINEAR)

<i>T</i>	2002 Aug. 19.8741 TT		Marsden	
<i>q</i>	2.667803	(2000.0)	P	Q
	ω 151.9323		-0.2526782	-0.8112286
	Ω 52.7959		-0.9643543	+0.2554157
<i>e</i>	1.0	<i>i</i> 138.5435	-0.0785777	-0.5259951

From 143 observations 2001 July 11–Aug. 27.

C/2001 O2 (NEAT)

<i>T</i>	1999 Oct. 18.4029 TT		Marsden	
<i>q</i>	4.861705	(2000.0)	P	Q
	ω 281.4993		+0.1812415	+0.8346745
	Ω 328.6551		+0.3110985	-0.5503291
<i>e</i>	1.0	<i>i</i> 91.2344	-0.9329358	-0.0213615

From 34 observations 2001 July 25–Aug. 25.

C/2001 P1 (SOHO)

<i>T</i>	2001 Aug. 5.49 TT		Marsden	
<i>q</i>	0.0053	(2000.0)	P	Q
	ω 94.92		-0.76657	-0.50322
	Ω 304.55		-0.58067	+0.80846
<i>e</i>	1.0	<i>i</i> 151.03	+0.27422	+0.30523

From 16 observations 2001 Aug. 4–5.

C/2001 P2 (SOHO)

<i>T</i>	2001 Aug. 15.98 TT		Marsden	
<i>q</i>	0.0068	(2000.0)	P	Q
	ω 113.72		-0.54401	-0.81327
	Ω 344.45		-0.69759	+0.57514
<i>e</i>	1.0	<i>i</i> 129.61	+0.46628	-0.08840

From 12 observations 2001 Aug. 15.

C/2001 Q1 (NEAT)

<i>T</i>	2001 Sept. 26.6108 TT		Marsden	
<i>q</i>	5.884885	(2000.0)	P	Q
	ω 176.0461		+0.7371740	+0.2978638
	Ω 139.1092		-0.6425807	+0.5866130
<i>e</i>	1.0	<i>i</i> 67.8962	-0.2089608	-0.7531018

From 36 observations 2001 July 16–Aug. 26.

P/2001 Q2 (Petriew)

<i>T</i>	2001 Sept. 1.9453 TT		Marsden	
<i>q</i>	0.945233	(2000.0)	P	Q
<i>n</i>	0.1815538	ω 181.9328	+0.8097678	-0.5710556
<i>a</i>	3.088866	Ω 214.0482	+0.5415116	+0.8158046
<i>e</i>	0.693987	<i>i</i> 13.9317	+0.2259235	+0.0914237

P 5.43

From 217 observations 2001 Aug. 19–27.

C/2001 Q3 (SOHO)

<i>T</i>	2001 Aug. 26.51 TT		Marsden	
<i>q</i>	0.0373	(2000.0)	P	Q
	ω 268.11		-0.09086	-0.91000
	Ω 155.03		+0.13029	+0.39185
<i>e</i>	1.0	<i>i</i> 106.63	-0.98730	+0.13546

From 47 observations 2001 Aug. 25–26.

C/2001 Q4 (NEAT)

<i>T</i>	2005 Aug. 25.340 TT		Marsden	
<i>q</i>	4.09424	(2000.0)	P	Q
	ω 325.884		-0.537176	-0.604319
	Ω 218.402		-0.389714	-0.440869
<i>e</i>	1.0	<i>i</i> 108.688	-0.748041	+0.663652

From 22 observations 2001 Aug. 24–27.

16P/Brooks 2

Epoch 2001 July 30.0 TT = JDT 2452120.5

<i>T</i>	2001 July 19.8365 TT		Nakano	
<i>q</i>	1.834897	(2000.0)	P	Q
<i>n</i>	0.1436058	ω 198.1081	+0.9657483	-0.2594284
<i>a</i>	3.611505	Ω 176.9139	+0.2484201	+0.9186026
<i>e</i>	0.491930	<i>i</i> 5.5482	+0.0749507	+0.2981042

P 6.86

From 242 observations 1987–2001, mean residual 0^u.9. Nongravitational parameters

$$A_1 = +0.39, A_2 = -0.1324.$$

39P/Oterma

Epoch 2003 Jan. 1.0 TT = JDT 2452640.5

T 2002 Dec. 22.1929 TT

Nakano

<i>q</i>		(2000.0)	P	Q
<i>n</i>	0.0505721	ω 56.3668	+0.8830984	-0.4689103
<i>a</i>	7.242055	Ω 331.5870	+0.4184614	+0.8027085
<i>e</i>	0.244589	<i>i</i> 1.9431	+0.2121960	+0.3684865
<i>P</i>	19.5			

From 227 observations 1942–2001, mean residual 1^{''}.0.**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*.

(27655)	1968 OK	1968 07 18	805	Torres, C., Cofre, S.	(27688)	1981 EX ₂₃	1981 03 07	413	Bus, S. J.
(27656)	1974 OU ₁	1974 07 26	808	Cesco, M. R.	(27689)	1981 EU ₂₅	1981 03 02	413	Bus, S. J.
(27657)	1974 PC	1974 08 12	675	Gehrels, T.	(27690)	1981 EL ₂₇	1981 03 02	413	Bus, S. J.
(27658)	1978 RV	1978 09 01	095	Chernykh, N. S.	(27691)	1981 EA ₂₉	1981 03 01	413	Bus, S. J.
(27659)	1978 SO ₇	1978 09 26	095	Zhuravleva, L. V.	(27692)	1981 EC ₃₄	1981 03 01	413	Bus, S. J.
(27660)	1978 TR ₇	1978 10 02	095	Zhuravleva, L. V.	(27693)	1981 EG ₃₄	1981 03 01	413	Bus, S. J.
(27661)	1978 UK ₆	1978 10 27	675	Olmstead, C. M.	(27694)	1981 EX ₃₄	1981 03 02	413	Bus, S. J.
(27662)	1978 UK ₇	1978 10 27	675	Olmstead, C. M.	(27695)	1981 EW ₃₆	1981 03 07	413	Bus, S. J.
(27663)	1978 VP ₄	1978 11 07	675	Helin, E. F., Bus, S. J.	(27696)	1981 EG ₄₀	1981 03 02	413	Bus, S. J.
(27664)	1978 VX ₅	1978 11 06	675	Helin, E. F., Bus, S. J.	(27697)	1981 EM ₄₅	1981 03 01	413	Bus, S. J.
(27665)	1978 VZ ₅	1978 11 07	675	Helin, E. F., Bus, S. J.	(27698)	1981 EN ₄₇	1981 03 02	413	Bus, S. J.
(27666)	1978 VU ₆	1978 11 07	675	Helin, E. F., Bus, S. J.	(27699)	1982 JV ₁	1982 05 15	675	Palomar
(27667)	1979 KJ	1979 05 19	809	West, R. M.	(27700)	1982 SW ₃	1982 09 28	675	Gibson, J.
(27668)	1979 ME ₄	1979 06 25	413	Helin, E. F., Bus, S. J.	(27701)	1983 QR	1983 08 30	675	Gibson, J.
(27669)	1979 MQ ₄	1979 06 25	413	Helin, E. F., Bus, S. J.	(27702)	1984 SE ₁	1984 09 27	046	Mrkos, A.
(27670)	1979 MY ₆	1979 06 25	413	Helin, E. F., Bus, S. J.	(27703)	1984 SA ₂	1984 09 29	046	Mrkos, A.
(27671)	1979 MG ₇	1979 06 25	413	Helin, E. F., Bus, S. J.	(27704)	1984 WB ₄	1984 11 27	010	CERGA
(27672)	1980 FA ₁	1980 03 16	809	Lagerkvist, C.-I.	(27705)	1985 DU ₁	1985 02 16	809	Debehogne, H.
(27673)	1980 UN ₁	1980 10 31	675	Bus, S. J.	(27706)	1985 TM ₃	1985 10 11	675	Shoemaker, C. S.
(27674)	1980 UR ₁	1980 10 31	675	Bus, S. J.	(27707)	1986 QY ₃	1986 08 31	809	Debehogne, H.
(27675)	1981 CH	1981 02 02	046	Brožek, L.	(27708)	1987 WP	1987 11 20	675	Alu, J., Helin, E. F.
(27676)	1981 DH ₃	1981 02 28	413	Bus, S. J.	(27709)	1988 CU ₃	1988 02 13	809	Elst, E. W.
(27677)	1981 EV ₃	1981 03 02	413	Bus, S. J.	(27710)	1988 RY ₁	1988 09 07	033	Tautenburg
(27678)	1981 EX ₃	1981 03 02	413	Bus, S. J.	(27711)	1988 VT ₄	1988 11 04	675	Shoemaker, C. S.
(27679)	1981 EA ₅	1981 03 02	413	Bus, S. J.	(27712)	1988 VR ₇	1988 11 03	033	Börngen, F.
(27680)	1981 EQ ₈	1981 03 01	413	Bus, S. J.	(27713)	1989 AA	1989 01 02	675	Helin, E. F.
(27681)	1981 EG ₁₀	1981 03 01	413	Bus, S. J.	(27714)	1989 BR	1989 01 29	872	Iwamoto, M., Furuta, T.
(27682)	1981 EC ₁₇	1981 03 06	413	Bus, S. J.	(27715)	1989 CR ₁	1989 02 05	888	Oshima, Y.
(27683)	1981 ED ₂₀	1981 03 02	413	Bus, S. J.	(27716)	1989 CX ₁	1989 02 13	372	Seki, T.
(27684)	1981 EX ₂₀	1981 03 02	413	Bus, S. J.	(27717)	1989 CF ₃	1989 02 04	809	Elst, E. W.
(27685)	1981 EE ₂₁	1981 03 02	413	Bus, S. J.	(27718)	1989 GH ₃	1989 04 02	809	Elst, E. W.
(27686)	1981 ES ₂₁	1981 03 02	413	Bus, S. J.	(27719)	1989 SR ₃	1989 09 26	809	Elst, E. W.
(27687)	1981 EM ₂₃	1981 03 03	413	Bus, S. J.	(27720)	1989 UP ₃	1989 10 26	675	Helin, E. F.
					(27721)	1989 WJ	1989 11 20	888	Oshima, Y.
					(27722)	1990 OB ₂	1990 07 29	675	Holt, H. E.
					(27723)	1990 QA	1990 08 19	413	McNaught, R. H.
					(27724)	1990 QA ₁	1990 08 21	511	Elst, E. W.
					(27725)	1990 QF ₄	1990 08 23	675	Holt, H. E.
					(27726)	1990 QM ₅	1990 08 29	675	Holt, H. E.
					(27727)	1990 QM ₇	1990 08 20	809	Elst, E. W.
					(27728)	1990 QD ₈	1990 08 16	809	Elst, E. W.
					(27729)	1990 QK ₉	1990 08 16	809	Elst, E. W.
					(27730)	1990 QU ₉	1990 08 26	675	Holt, H. E.
					(27731)	1990 RK ₃	1990 09 14	675	Holt, H. E.
					(27732)	1990 RH ₇	1990 09 13	809	Debehogne, H.
					(27733)	1990 RM ₇	1990 09 13	809	Debehogne, H.
					(27734)	1990 RA ₈	1990 09 14	809	Debehogne, H.
					(27735)	1990 SZ ₅	1990 09 22	809	Elst, E. W.
					(27736)	1990 SA ₆	1990 09 22	809	Elst, E. W.
					(27737)	1990 SA ₈	1990 09 22	809	Elst, E. W.
					(27738)	1990 TT ₄	1990 10 09	413	McNaught, R. H.
					(27739)	1990 UV	1990 10 17	372	Seki, T.

(27740)	1990 UC ₁	1990 10 20	372	Seki, T.	(27792)	1993 DR ₂	1993 02 20	010	Elst, E. W.
(27741)	1990 UJ ₄	1990 10 16	809	Elst, E. W.	(27793)	1993 FL ₁	1993 03 25	399	Ueda, S., Kaneda, H.
(27742)	1990 UP ₄	1990 10 16	809	Elst, E. W.	(27794)	1993 FY ₅	1993 03 17	809	UESAC
(27743)	1990 VM	1990 11 08	413	McNaught, R. H.	(27795)	1993 FO ₁₂	1993 03 17	809	UESAC
(27744)	1990 VO ₆	1990 11 15	809	Elst, E. W.	(27796)	1993 FK ₁₃	1993 03 17	809	UESAC
(27745)	1990 WS	1990 11 18	809	Elst, E. W.	(27797)	1993 FQ ₁₇	1993 03 17	809	UESAC
(27746)	1990 WE ₃	1990 11 18	809	Elst, E. W.	(27798)	1993 FJ ₁₉	1993 03 17	809	UESAC
(27747)	1990 YW	1990 12 18	675	Helin, E. F.	(27799)	1993 FQ ₂₃	1993 03 21	809	UESAC
(27748)	1991 AL	1991 01 09	896	Izumikawa, S., Muramatsu, O.	(27800)	1993 FA ₂₈	1993 03 21	809	UESAC
(27749)	1991 BJ ₂	1991 01 23	400	Endate, K., Watanabe, K.	(27801)	1993 FS ₂₈	1993 03 21	809	UESAC
(27750)	1991 CW ₂	1991 02 14	675	Helin, E. F.	(27802)	1993 FY ₃₀	1993 03 19	809	UESAC
(27751)	1991 FQ ₂	1991 03 20	809	Debehogne, H.	(27803)	1993 FU ₃₅	1993 03 19	809	UESAC
(27752)	1991 GL ₈	1991 04 08	809	Elst, E. W.	(27804)	1993 FP ₃₈	1993 03 19	809	UESAC
(27753)	1991 PF ₅	1991 08 03	809	Elst, E. W.	(27805)	1993 FJ ₄₀	1993 03 19	809	UESAC
(27754)	1991 PP ₉	1991 08 05	675	Holt, H. E.	(27806)	1993 FS ₄₆	1993 03 19	809	UESAC
(27755)	1991 PD ₁₁	1991 08 07	675	Holt, H. E.	(27807)	1993 FF ₄₉	1993 03 19	809	UESAC
(27756)	1991 PS ₁₄	1991 08 06	675	Holt, H. E.	(27808)	1993 FT ₅₆	1993 03 17	809	UESAC
(27757)	1991 PO ₁₈	1991 08 07	675	Holt, H. E.	(27809)	1993 HS ₁	1993 04 20	400	Endate, K., Watanabe, K.
(27758)	1991 RJ ₄	1991 09 12	033	Börngen, F., Schmadel, L. D.	(27810)	1993 OC ₂	1993 07 23	675	Shoemaker, C. S.
(27759)	1991 RE ₆	1991 09 13	675	Holt, H. E.	(27811)	1993 OA ₇	1993 07 20	809	Elst, E. W.
(27760)	1991 RB ₇	1991 09 02	413	McNaught, R. H.	(27812)	1993 OJ ₈	1993 07 20	809	Elst, E. W.
(27761)	1991 RL ₁₃	1991 09 13	675	Holt, H. E.	(27813)	1993 PS ₃	1993 08 14	010	Elst, E. W.
(27762)	1991 RD ₁₆	1991 09 15	675	Holt, H. E.	(27814)	1993 RR	1993 09 16	691	Spacewatch
(27763)	1991 RN ₂₂	1991 09 15	675	Holt, H. E.	(27815)	1993 SA ₁	1993 09 16	400	Endate, K., Watanabe, K.
(27764)	1991 RV ₄₀	1991 09 10	033	Börngen, F.	(27816)	1993 TH ₂	1993 10 15	400	Endate, K., Watanabe, K.
(27765)	1991 RJ ₄₁	1991 09 10	033	Börngen, F.	(27817)	1993 TO ₁₇	1993 10 09	809	Elst, E. W.
(27766)	1991 TO	1991 10 01	413	McNaught, R. H.	(27818)	1993 TH ₂₄	1993 10 09	809	Elst, E. W.
(27767)	1991 TP	1991 10 01	413	McNaught, R. H.	(27819)	1993 TG ₂₇	1993 10 09	809	Elst, E. W.
(27768)	1991 UV ₁	1991 10 29	399	Ueda, S., Kaneda, H.	(27820)	1993 TD ₃₄	1993 10 09	809	Elst, E. W.
(27769)	1991 UA ₃	1991 10 31	399	Ueda, S., Kaneda, H.	(27821)	1993 TU ₃₄	1993 10 09	809	Elst, E. W.
(27770)	1991 VF ₁	1991 11 04	399	Ueda, S., Kaneda, H.	(27822)	1993 UG ₁	1993 10 19	675	Helin, E. F.
(27771)	1991 VY ₂	1991 11 05	402	Sugie, A.	(27823)	1993 UC ₈	1993 10 20	809	Elst, E. W.
(27772)	1991 VD ₆	1991 11 02	809	Elst, E. W.	(27824)	1993 UD ₈	1993 10 20	809	Elst, E. W.
(27773)	1991 VN ₈	1991 11 04	691	Spacewatch	(27825)	1993 VP	1993 11 09	894	Otomo, S.
(27774)	1991 YB ₁	1991 12 29	511	Elst, E. W.	(27826)	1993 WQ	1993 11 22	408	Hirasawa, M., Suzuki, S.
(27775)	1992 CA ₃	1992 02 02	809	Elst, E. W.	(27827)	1993 XJ ₁	1993 12 09	408	Hirasawa, M., Suzuki, S.
(27776)	1992 DH ₁	1992 02 25	675	Shoemaker, C. S.	(27828)	1994 AY ₂	1994 01 12	399	Ueda, S., Kaneda, H.
(27777)	1992 DN ₃	1992 02 25	691	Spacewatch	(27829)	1994 BM ₄	1994 01 21	894	Otomo, S.
(27778)	1992 DF ₆	1992 02 29	809	UESAC	(27830)	1994 CK ₁₄	1994 02 08	809	Elst, E. W.
(27779)	1992 DY ₈	1992 02 29	809	UESAC	(27831)	1994 DF	1994 02 18	385	Urata, T.
(27780)	1992 ER ₁₈	1992 03 01	809	UESAC	(27832)	1994 EW	1994 03 10	691	Spacewatch
(27781)	1992 EE ₁₉	1992 03 01	809	UESAC	(27833)	1994 PB ₄	1994 08 10	809	Elst, E. W.
(27782)	1992 EH ₂₄	1992 03 02	809	UESAC	(27834)	1994 PW ₁₃	1994 08 10	809	Elst, E. W.
(27783)	1992 GV ₃	1992 04 04	809	Elst, E. W.	(27835)	1994 PZ ₁₃	1994 08 10	809	Elst, E. W.
(27784)	1992 OE	1992 07 27	413	McNaught, R. H.	(27836)	1994 PQ ₁₆	1994 08 10	809	Elst, E. W.
(27785)	1992 OE ₃	1992 07 26	809	Elst, E. W.	(27837)	1994 PU ₁₆	1994 08 10	809	Elst, E. W.
(27786)	1992 PN ₁	1992 08 08	010	Elst, E. W.	(27838)	1994 PU ₂₀	1994 08 12	809	Elst, E. W.
(27787)	1992 UO ₆	1992 10 28	400	Endate, K., Watanabe, K.	(27839)	1994 PX ₂₀	1994 08 12	809	Elst, E. W.
(27788)	1993 AS	1993 01 13	399	Ueda, S., Kaneda, H.	(27840)	1994 PJ ₂₈	1994 08 12	809	Elst, E. W.
(27789)	1993 BB ₇	1993 01 23	809	Elst, E. W.	(27841)	1994 PS ₃₆	1994 08 10	809	Elst, E. W.
(27790)	1993 CG ₁	1993 02 13	372	Seki, T.	(27842)	1994 QJ	1994 08 28	413	McNaught, R. H.
(27791)	1993 DD ₁	1993 02 24	896	Kushida, Y., Muramatsu, O.	(27843)	1994 RM ₃	1994 09 05	691	Spacewatch

(27844)	1994 TG ₁	1994 10 02	400	Endate, K., Watanabe, K.	(27896)	1996 NB	1996 07 13	118	Galád, A., Pravda, A.
(27845)	1994 TJ ₁₆	1994 10 05	033	Börngen, F.	(27897)	1996 NF ₄	1996 07 14	809	Elst, E. W.
(27846)	1994 TT ₁₆	1994 10 05	033	Börngen, F.	(27898)	1996 OS ₂	1996 07 23	608	AMOS
(27847)	1994 UT	1994 10 31	905	Shimizu, Y., Urata, T.	(27899)	1996 QF	1996 08 18	817	di Cicco, D.
(27848)	1994 UZ	1994 10 31	905	Shimizu, Y., Urata, T.	(27900)	1996 RM	1996 09 07	587	Giuliani, V., Chiavenna, P.
(27849)	1994 UU ₁	1994 10 29	114	Kryachko, T. V.	(27901)	1996 RR ₄	1996 09 13	566	JPL/GEODSS NEAT
(27850)	1994 UD ₂	1994 10 31	399	Ueda, S., Kaneda, H.	(27902)	1996 RA ₅	1996 09 13	966	Laurie, S. P.
(27851)	1994 VG ₂	1994 11 08	894	Otomo, S.	(27903)	1996 RS ₁₁	1996 09 08	691	Spacewatch
(27852)	1994 WQ	1994 11 25	411	Kobayashi, T.	(27904)	1996 SV ₄	1996 09 20	327	Beijing Schmidt CCD Asteroid Program
(27853)	1994 XA ₁	1994 12 06	411	Kobayashi, T.	(27905)	1996 SK ₆	1996 09 20	327	Beijing Schmidt CCD Asteroid Program
(27854)	1994 YG ₁	1994 12 28	411	Kobayashi, T.	(27906)	1996 TZ ₇	1996 10 12	817	di Cicco, D.
(27855)	1995 AK	1995 01 04	587	Testa, A., Manca, F.	(27907)	1996 TU ₉	1996 10 15	046	Kleť
(27856)	1995 AX ₃	1995 01 02	010	Elst, E. W.	(27908)	1996 TX ₉	1996 10 04	966	Laurie, S. P.
(27857)	1995 BZ	1995 01 25	411	Kobayashi, T.	(27909)	1996 TD ₁₁	1996 10 14	721	Linderholm, R.
(27858)	1995 BZ ₁	1995 01 30	817	di Cicco, D.	(27910)	1996 TA ₁₄	1996 10 10	327	Beijing Schmidt CCD Asteroid Program
(27859)	1995 BB ₂	1995 01 29	411	Kobayashi, T.	(27911)	1996 TC ₁₄	1996 10 10	327	Beijing Schmidt CCD Asteroid Program
(27860)	1995 BV ₂	1995 01 27	399	Ueda, S., Kaneda, H.	(27912)	1996 TJ ₁₄	1996 10 09	399	Ueda, S., Kaneda, H.
(27861)	1995 BL ₄	1995 01 28	400	Endate, K., Watanabe, K.	(27913)	1996 TC ₄₁	1996 10 08	809	Elst, E. W.
(27862)	1995 BJ ₅	1995 01 23	691	Spacewatch	(27914)	1996 TN ₄₁	1996 10 08	809	Elst, E. W.
(27863)	1995 DZ ₅	1995 02 24	691	Spacewatch	(27915)	1996 UU ₁	1996 10 30	684	Comba, P. G.
(27864)	1995 EA ₉	1995 03 05	033	Börngen, F.	(27916)	1996 VX ₁	1996 11 01	327	Beijing Schmidt CCD Asteroid Program
(27865)	1995 FQ	1995 03 30	809	Mottola, S., Koldewey, E.	(27917)	1996 VU ₂	1996 11 06	104	Tesi, L., Cattani, G.
(27866)	1995 FZ ₆	1995 03 23	691	Spacewatch	(27918)	1996 VJ ₄	1996 11 06	369	Sato, N.
(27867)	1995 KF ₄	1995 05 26	691	Spacewatch	(27919)	1996 VP ₄	1996 11 13	411	Kobayashi, T.
(27868)	1995 MY ₁	1995 06 23	691	Spacewatch	(27920)	1996 VV ₈	1996 11 07	400	Endate, K., Watanabe, K.
(27869)	1995 SR ₄₅	1995 09 26	691	Spacewatch	(27921)	1996 VY ₂₆	1996 11 11	691	Spacewatch
(27870)	1995 VW	1995 11 12	608	AMOS	(27922)	1996 XW ₈	1996 12 08	684	Comba, P. G.
(27871)	1995 VL ₁₅	1995 11 15	691	Spacewatch	(27923)	1996 XJ ₃₂	1996 12 04	098	Munari, U., Tombelli, M.
(27872)	1995 WU ₇	1995 11 28	411	Kobayashi, T.	(27924)	1997 AZ ₁₀	1997 01 09	817	di Cicco, D.
(27873)	1995 XP ₁	1995 12 15	411	Kobayashi, T.	(27925)	1997 CJ ₁	1997 02 01	411	Kobayashi, T.
(27874)	1995 YM ₁	1995 12 21	411	Kobayashi, T.	(27926)	1997 EM ₁₅	1997 03 04	691	Spacewatch
(27875)	1996 BL ₃	1996 01 27	411	Kobayashi, T.	(27927)	1997 EQ ₃₂	1997 03 11	691	Spacewatch
(27876)	1996 BM ₄	1996 01 24	704	Socorro	(27928)	1997 EG ₃₈	1997 03 05	704	LINEAR
(27877)	1996 BX ₄	1996 01 16	691	Spacewatch	(27929)	1997 FC ₁	1997 03 28	327	Beijing Schmidt CCD Asteroid Program
(27878)	1996 CE ₁	1996 02 11	411	Kobayashi, T.	(27930)	1997 GN ₆	1997 04 02	704	LINEAR
(27879)	1996 CZ ₂	1996 02 15	358	Okuni, T.	(27931)	1997 GU ₇	1997 04 02	704	LINEAR
(27880)	1996 EQ	1996 03 14	817	di Cicco, D.	(27932)	1997 GF ₈	1997 04 02	704	LINEAR
(27881)	1996 EC ₁	1996 03 15	566	JPL/GEODSS NEAT	(27933)	1997 GW ₁₄	1997 04 03	704	LINEAR
(27882)	1996 EJ ₁	1996 03 10	400	Endate, K., Watanabe, K.	(27934)	1997 HT ₁₁	1997 04 30	704	LINEAR
(27883)	1996 ET ₁	1996 03 15	566	JPL/GEODSS NEAT	(27935)	1997 JN	1997 05 02	691	Spacewatch
(27884)	1996 EZ ₁	1996 03 15	566	JPL/GEODSS NEAT	(27936)	1997 JF ₁₂	1997 05 03	809	Elst, E. W.
(27885)	1996 ED ₂	1996 03 15	566	JPL/GEODSS NEAT	(27937)	1997 JJ ₁₃	1997 05 03	809	Elst, E. W.
(27886)	1996 ER ₁₂	1996 03 13	691	Spacewatch	(27938)	1997 JG ₁₆	1997 05 03	809	Elst, E. W.
(27887)	1996 GU ₁	1996 04 12	400	Endate, K., Watanabe, K.	(27939)	1997 LL ₂	1997 06 05	691	Spacewatch
(27888)	1996 GG ₅	1996 04 11	691	Spacewatch	(27940)	1997 LB ₄	1997 06 09	691	Spacewatch
(27889)	1996 GR ₁₇	1996 04 15	809	Elst, E. W.	(27941)	1997 LB ₆	1997 06 13	691	Spacewatch
(27890)	1996 GG ₁₈	1996 04 15	809	Elst, E. W.	(27942)	1997 LL ₉	1997 06 07	809	Elst, E. W.
(27891)	1996 HY	1996 04 20	411	Kobayashi, T.	(27943)	1997 LB ₁₂	1997 06 07	809	Elst, E. W.
(27892)	1996 HG ₂₅	1996 04 20	809	Elst, E. W.	(27944)	1997 MA ₃	1997 06 28	704	LINEAR
(27893)	1996 HK ₂₅	1996 04 20	809	Elst, E. W.	(27945)	1997 MK ₃	1997 06 28	704	LINEAR
(27894)	1996 JU ₁₂	1996 05 10	691	Spacewatch	(27946)	1997 NA	1997 07 01	691	Spacewatch
(27895)	1996 LL	1996 06 06	327	Beijing Schmidt CCD Asteroid Program	(27947)	1997 NH ₃	1997 07 09	684	Comba, P. G.

(27948)	1997 NQ ₃	1997 07 06	691	Spacewatch	(27999)	1997 WV ₂₁	1997 11 30	411	Kobayashi, T.
(27949)	1997 NU ₄	1997 07 08	910	ODAS	(28000)	1997 WC ₃₅	1997 11 29	704	LINEAR
(27950)	1997 OF ₁	1997 07 30	816	Viscome, G. R.	(28001)	1997 WD ₄₁	1997 11 29	704	LINEAR
(27951)	1997 OG ₂	1997 07 30	910	ODAS	(28002)	1997 WO ₅₁	1997 11 29	704	LINEAR
(27952)	1997 PR ₄	1997 08 11	620	Lopez, A., Pacheco, R.	(28003)	1997 WT ₅₂	1997 11 29	704	LINEAR
(27953)	1997 PF ₅	1997 08 11	327	Beijing Schmidt CCD Asteroid Program	(28004)	1997 XA	1997 12 02	886	Akiyama, M.
(27954)	1997 QB ₄	1997 08 27	905	Shimizu, Y., Urata, T.	(28005)	1997 XC	1997 12 01	721	Linderholm, R.
(27955)	1997 QU ₄	1997 08 24	358	Okumi, T.	(28006)	1997 XM ₅	1997 12 03	888	Kagawa, T., Urata, T.
(27956)	1997 RC	1997 09 01	046	Moravec, Z.	(28007)	1997 XO ₁₀	1997 12 07	098	Boattini, A., Tombelli, M.
(27957)	1997 RV ₈	1997 09 12	327	Beijing Schmidt CCD Asteroid Program	(28008)	1997 XR ₁₁	1997 12 05	905	Shimizu, Y., Urata, T.
(27958)	1997 RP ₉	1997 09 09	587	Giuliani, V.	(28009)	1997 YY ₁	1997 12 21	411	Kobayashi, T.
(27959)	1997 SE ₁	1997 09 19	104	Tesi, L., Cattani, G.	(28010)	1997 YE ₃	1997 12 24	411	Kobayashi, T.
(27960)	1997 SN ₁	1997 09 21	557	Šarounová, L.	(28011)	1997 YW ₃	1997 12 22	327	Beijing Schmidt CCD Asteroid Program
(27961)	1997 SU ₁	1997 09 22	046	Kleť	(28012)	1997 YH ₄	1997 12 23	327	Beijing Schmidt CCD Asteroid Program
(27962)	1997 SY ₁	1997 09 23	557	Wolf, M., Pravec, P.	(28013)	1997 YL ₄	1997 12 24	327	Beijing Schmidt CCD Asteroid Program
(27963)	1997 ST ₂	1997 09 25	557	Pravec, P., Wolf, M.	(28014)	1997 YS ₅	1997 12 25	411	Kobayashi, T.
(27964)	1997 SW ₁₅	1997 09 27	910	ODAS	(28015)	1997 YG ₉	1997 12 26	966	Laurie, S. P.
(27965)	1997 SH ₂₅	1997 09 29	905	Shimizu, Y., Urata, T.	(28016)	1997 YV ₁₁	1997 12 30	411	Kobayashi, T.
(27966)	1997 SA ₃₄	1997 09 16	327	Beijing Schmidt CCD Asteroid Program	(28017)	1997 YV ₁₃	1997 12 31	411	Kobayashi, T.
(27967)	1997 TE	1997 10 01	552	Osservatorio San Vittore	(28018)	1998 AG	1998 01 04	327	Beijing Schmidt CCD Asteroid Program
(27968)	1997 TM ₁	1997 10 03	910	ODAS	(28019)	1998 AW ₈	1998 01 14	557	Šarounová, L.
(27969)	1997 TT ₃	1997 10 03	910	ODAS	(28020)	1998 BP ₅	1998 01 22	691	Spacewatch
(27970)	1997 TR ₉	1997 10 02	691	Spacewatch	(28021)	1998 BP ₆	1998 01 22	132	Antonini, P.
(27971)	1997 TO ₁₂	1997 10 02	691	Spacewatch	(28022)	1998 BA ₉	1998 01 25	566	JPL/GEODSS NEAT
(27972)	1997 TA ₁₈	1997 10 08	402	Sugie, A.	(28023)	1998 BF ₁₁	1998 01 23	704	LINEAR
(27973)	1997 TR ₂₅	1997 10 12	327	Beijing Schmidt CCD Asteroid Program	(28024)	1998 BT ₁₄	1998 01 25	905	Shimizu, Y., Urata, T.
(27974)	1997 UH	1997 10 19	557	Šarounová, L.	(28025)	1998 BD ₄₁	1998 01 25	566	JPL/GEODSS NEAT
(27975)	1997 UJ ₁	1997 10 23	684	Comba, P. G.	(28026)	1998 CN ₁	1998 02 06	327	Beijing Schmidt CCD Asteroid Program
(27976)	1997 UY ₃	1997 10 26	411	Kobayashi, T.	(28027)	1998 CC ₅	1998 02 06	809	Elst, E. W.
(27977)	1997 UK ₅	1997 10 25	104	Tesi, L., Boattini, A.	(28028)	1998 DS ₈	1998 02 22	327	Beijing Schmidt CCD Asteroid Program
(27978)	1997 UN ₉	1997 10 29	557	Šarounová, L.	(28029)	1998 DW ₉	1998 02 20	426	Zoltowski, F. B.
(27979)	1997 UH ₁₉	1997 10 28	691	Spacewatch	(28030)	1998 DW ₁₂	1998 02 26	046	Kleť
(27980)	1997 UA ₂₁	1997 10 27	327	Beijing Schmidt CCD Asteroid Program	(28031)	1998 DX ₁₇	1998 02 23	691	Spacewatch
(27981)	1997 UK ₂₁	1997 10 20	327	Beijing Schmidt CCD Asteroid Program	(28032)	1998 DZ ₂₃	1998 02 17	905	Shimizu, Y., Urata, T.
(27982)	1997 UH ₂₂	1997 10 26	369	Sato, N.	(28033)	1998 EE ₉	1998 03 05	327	Beijing Schmidt CCD Asteroid Program
(27983)	1997 UU ₂₄	1997 10 26	098	Boattini, A., Tombelli, M.	(28034)	1998 EU ₁₃	1998 03 01	809	Elst, E. W.
(27984)	1997 VN	1997 11 01	611	Starkenbug	(28035)	1998 FY ₁	1998 03 21	691	Spacewatch
(27985)	1997 VC ₁	1997 11 02	473	Remanzacco	(28036)	1998 FZ ₂₆	1998 03 20	704	LINEAR
(27986)	1997 VV ₂	1997 11 04	557	Šarounová, L.	(28037)	1998 FS ₃₃	1998 03 20	704	LINEAR
(27987)	1997 VR ₃	1997 11 06	411	Kobayashi, T.	(28038)	1998 FK ₃₅	1998 03 20	704	LINEAR
(27988)	1997 VA ₄	1997 11 07	684	Comba, P. G.	(28039)	1998 FV ₇₈	1998 03 24	704	LINEAR
(27989)	1997 VG ₄	1997 11 07	411	Kobayashi, T.	(28040)	1998 FF ₈₀	1998 03 24	704	LINEAR
(27990)	1997 VD ₆	1997 11 09	411	Kobayashi, T.	(28041)	1998 FQ ₈₇	1998 03 24	704	LINEAR
(27991)	1997 VW ₆	1997 11 06	369	Sato, N.	(28042)	1998 FB ₉₀	1998 03 24	704	LINEAR
(27992)	1997 VR ₇	1997 11 02	327	Beijing Schmidt CCD Asteroid Program	(28043)	1998 FX ₉₀	1998 03 24	704	LINEAR
(27993)	1997 WK	1997 11 18	411	Kobayashi, T.	(28044)	1998 FD ₁₁₆	1998 03 31	704	LINEAR
(27994)	1997 WM ₁	1997 11 19	327	Beijing Schmidt CCD Asteroid Program	(28045)	1998 FB ₁₁₈	1998 03 31	704	LINEAR
(27995)	1997 WL ₂	1997 11 23	411	Kobayashi, T.	(28046)	1998 HB ₁₄	1998 04 24	566	JPL/GEODSS NEAT
(27996)	1997 WJ ₅	1997 11 23	691	Spacewatch	(28047)	1998 HU ₉₀	1998 04 21	704	LINEAR
(27997)	1997 WV ₇	1997 11 23	369	Sato, N.	(28048)	1998 HH ₉₁	1998 04 21	704	LINEAR
(27998)	1997 WU ₈	1997 11 20	691	Spacewatch	(28049)	1998 HM ₉₄	1998 04 21	704	LINEAR
					(28050)	1998 HC ₉₉	1998 04 21	704	LINEAR

(28051)	1998 HS ₁₅₃	1998 04 25	699	LONEOS	(28103)	1998 RK ₈₀	1998 09 14	704	LINEAR
(28052)	1998 KP ₁	1998 05 18	699	LONEOS	(28104)	1998 SL ₁	1998 09 16	910	ODAS
(28053)	1998 KE ₄	1998 05 22	699	LONEOS	(28105)	1998 SC ₄	1998 09 18	910	ODAS
(28054)	1998 KE ₅₀	1998 05 23	704	LINEAR	(28106)	1998 SE ₁₀	1998 09 16	910	ODAS
(28055)	1998 MX	1998 06 16	704	LINEAR	(28107)	1998 SA ₁₃	1998 09 22	557	Šarounová, L.
(28056)	1998 MK ₅	1998 06 20	691	Spacewatch	(28108)	1998 SB ₂₄	1998 09 17	699	LONEOS
(28057)	1998 MM ₃₇	1998 06 24	699	LONEOS	(28109)	1998 SA ₂₉	1998 09 18	691	Spacewatch
(28058)	1998 NF	1998 07 01	428	Broughton, J.	(28110)	1998 SG ₃₀	1998 09 19	691	Spacewatch
(28059)	1998 OZ ₇	1998 07 26	809	Elst, E. W.	(28111)	1998 SY ₃₁	1998 09 20	691	Spacewatch
(28060)	1998 OL ₈	1998 07 26	809	Elst, E. W.	(28112)	1998 SN ₃₇	1998 09 21	691	Spacewatch
(28061)	1998 ON ₁₁	1998 07 26	809	Elst, E. W.	(28113)	1998 SD ₄₃	1998 09 23	327	Beijing Schmidt CCD Asteroid Program
(28062)	1998 OZ ₁₁	1998 07 22	428	Broughton, J.	(28114)	1998 SE ₄₃	1998 09 23	327	Beijing Schmidt CCD Asteroid Program
(28063)	1998 OR ₁₄	1998 07 26	809	Elst, E. W.	(28115)	1998 SN ₅₀	1998 09 26	691	Spacewatch
(28064)	1998 QX ₁₀	1998 08 17	704	LINEAR	(28116)	1998 SP ₅₆	1998 09 17	699	LONEOS
(28065)	1998 QZ ₁₀	1998 08 17	704	LINEAR	(28117)	1998 SK ₅₇	1998 09 17	699	LONEOS
(28066)	1998 QA ₁₁	1998 08 17	704	LINEAR	(28118)	1998 SR ₅₇	1998 09 17	699	LONEOS
(28067)	1998 QA ₁₄	1998 08 17	704	LINEAR	(28119)	1998 SX ₇₁	1998 09 21	809	Elst, E. W.
(28068)	1998 QO ₂₁	1998 08 17	704	LINEAR	(28120)	1998 SX ₇₂	1998 09 21	809	Elst, E. W.
(28069)	1998 QQ ₂₂	1998 08 17	704	LINEAR	(28121)	1998 SY ₇₂	1998 09 21	809	Elst, E. W.
(28070)	1998 QS ₂₅	1998 08 17	704	LINEAR	(28122)	1998 SJ ₇₄	1998 09 21	809	Elst, E. W.
(28071)	1998 QC ₂₆	1998 08 25	120	Višnjan	(28123)	1998 SM ₇₄	1998 09 21	809	Elst, E. W.
(28072)	1998 QT ₃₁	1998 08 17	704	LINEAR	(28124)	1998 SD ₇₉	1998 09 26	704	LINEAR
(28073)	1998 QT ₄₀	1998 08 17	704	LINEAR	(28125)	1998 SR ₁₀₇	1998 09 26	704	LINEAR
(28074)	1998 QM ₄₁	1998 08 17	704	LINEAR	(28126)	1998 SF ₁₀₉	1998 09 26	704	LINEAR
(28075)	1998 QU ₄₄	1998 08 17	704	LINEAR	(28127)	1998 SL ₁₁₀	1998 09 26	704	LINEAR
(28076)	1998 QS ₄₈	1998 08 17	704	LINEAR	(28128)	1998 ST ₁₁₈	1998 09 26	704	LINEAR
(28077)	1998 QH ₅₅	1998 08 27	699	LONEOS	(28129)	1998 SF ₁₂₁	1998 09 26	704	LINEAR
(28078)	1998 QM ₅₅	1998 08 26	910	ODAS	(28130)	1998 SK ₁₂₄	1998 09 26	704	LINEAR
(28079)	1998 QY ₆₃	1998 08 24	704	LINEAR	(28131)	1998 SX ₁₂₇	1998 09 26	704	LINEAR
(28080)	1998 QS ₇₂	1998 08 24	704	LINEAR	(28132)	1998 SY ₁₂₈	1998 09 26	704	LINEAR
(28081)	1998 QN ₈₀	1998 08 24	704	LINEAR	(28133)	1998 SS ₁₃₀	1998 09 26	704	LINEAR
(28082)	1998 QF ₈₈	1998 08 24	704	LINEAR	(28134)	1998 SB ₁₃₁	1998 09 26	704	LINEAR
(28083)	1998 QP ₉₀	1998 08 28	704	LINEAR	(28135)	1998 ST ₁₃₁	1998 09 26	704	LINEAR
(28084)	1998 QH ₉₂	1998 08 28	704	LINEAR	(28136)	1998 SB ₁₃₄	1998 09 26	704	LINEAR
(28085)	1998 QO ₉₈	1998 08 28	704	LINEAR	(28137)	1998 SY ₁₃₈	1998 09 26	704	LINEAR
(28086)	1998 QW ₁₀₀	1998 08 26	809	Elst, E. W.	(28138)	1998 SD ₁₄₁	1998 09 26	704	LINEAR
(28087)	1998 QH ₁₀₁	1998 08 26	809	Elst, E. W.	(28139)	1998 SN ₁₄₁	1998 09 26	704	LINEAR
(28088)	1998 RQ ₂	1998 09 14	704	LINEAR	(28140)	1998 SR ₁₄₄	1998 09 20	809	Elst, E. W.
(28089)	1998 RD ₁₇	1998 09 14	704	LINEAR	(28141)	1998 TC	1998 10 02	699	LONEOS
(28090)	1998 RW ₃₂	1998 09 14	704	LINEAR	(28142)	1998 TU	1998 10 12	691	Spacewatch
(28091)	1998 RQ ₄₉	1998 09 14	704	LINEAR	(28143)	1998 TK ₅	1998 10 13	120	Korlević, K.
(28092)	1998 RT ₅₃	1998 09 14	704	LINEAR	(28144)	1998 TN ₁₃	1998 10 13	691	Spacewatch
(28093)	1998 RG ₅₄	1998 09 14	704	LINEAR	(28145)	1998 TY ₁₈	1998 10 14	327	Beijing Schmidt CCD Asteroid Program
(28094)	1998 RE ₅₆	1998 09 14	704	LINEAR	(28146)	1998 TC ₃₂	1998 10 11	699	LONEOS
(28095)	1998 RA ₅₇	1998 09 14	704	LINEAR	(28147)	1998 TD ₃₂	1998 10 11	699	LONEOS
(28096)	1998 RS ₅₉	1998 09 14	704	LINEAR	(28148)	1998 TL ₃₄	1998 10 14	699	LONEOS
(28097)	1998 RZ ₆₃	1998 09 14	704	LINEAR	(28149)	1998 TX ₃₄	1998 10 14	699	LONEOS
(28098)	1998 RJ ₆₄	1998 09 14	704	LINEAR	(28150)	1998 UC ₁	1998 10 17	557	Pravec, P.
(28099)	1998 RZ ₆₆	1998 09 14	704	LINEAR	(28151)	1998 UG ₆	1998 10 22	910	ODAS
(28100)	1998 RG ₆₉	1998 09 14	704	LINEAR	(28152)	1998 UK ₈	1998 10 24	411	Kobayashi, T.
(28101)	1998 RP ₇₁	1998 09 14	704	LINEAR	(28153)	1998 UU ₂₀	1998 10 29	120	Korlević, K.
(28102)	1998 RM ₇₉	1998 09 14	704	LINEAR	(28154)	1998 UQ ₂₆	1998 10 18	809	Elst, E. W.

(28155)	1998 UB ₄₀	1998 10 28	704	LINEAR	(28207)	1998 XH ₅₃	1998 12 14	704	LINEAR
(28156)	1998 UF ₄₁	1998 10 28	704	LINEAR	(28208)	1998 XE ₅₄	1998 12 14	704	LINEAR
(28157)	1998 VY ₃	1998 11 11	910	ODAS	(28209)	1998 XC ₆₃	1998 12 14	704	LINEAR
(28158)	1998 VT ₆	1998 11 12	411	Kobayashi, T.	(28210)	1998 XF ₆₃	1998 12 14	704	LINEAR
(28159)	1998 VM ₇	1998 11 10	704	LINEAR	(28211)	1998 XJ ₆₄	1998 12 14	704	LINEAR
(28160)	1998 VC ₁₁	1998 11 10	704	LINEAR	(28212)	1998 XJ ₇₈	1998 12 15	704	LINEAR
(28161)	1998 VB ₁₃	1998 11 10	704	LINEAR	(28213)	1998 XS ₉₂	1998 12 15	704	LINEAR
(28162)	1998 VD ₁₄	1998 11 10	704	LINEAR	(28214)	1998 YW	1998 12 16	411	Kobayashi, T.
(28163)	1998 VP ₁₅	1998 11 10	704	LINEAR	(28215)	1998 YE ₁	1998 12 16	888	Kagawa, T.
(28164)	1998 VY ₂₁	1998 11 10	704	LINEAR	(28216)	1998 YU ₁	1998 12 17	120	Korlević, K.
(28165)	1998 VC ₂₅	1998 11 10	704	LINEAR	(28217)	1998 YO ₃	1998 12 18	046	Klet̃
(28166)	1998 VP ₂₅	1998 11 10	704	LINEAR	(28218)	1998 YA ₆	1998 12 17	120	Korlević, K.
(28167)	1998 VQ ₂₅	1998 11 10	704	LINEAR	(28219)	1998 YP ₈	1998 12 23	120	Korlević, K.
(28168)	1998 VY ₂₅	1998 11 10	704	LINEAR	(28220)	1998 YN ₁₂	1998 12 28	046	Klet̃
(28169)	1998 VZ ₂₉	1998 11 10	704	LINEAR	(28221)	1998 YG ₁₇	1998 12 22	691	Spacewatch
(28170)	1998 VC ₃₀	1998 11 10	704	LINEAR	(28222)	1998 YF ₂₃	1998 12 16	704	LINEAR
(28171)	1998 VV ₃₀	1998 11 10	704	LINEAR	(28223)	1998 YR ₂₇	1998 12 27	408	Hirasawa, M., Suzuki, S.
(28172)	1998 VZ ₃₀	1998 11 10	704	LINEAR	(28224)	1999 AJ	1999 01 05	120	Korlević, K.
(28173)	1998 VY ₃₂	1998 11 11	369	Sato, N.	(28225)	1999 AS	1999 01 07	411	Kobayashi, T.
(28174)	1998 VC ₃₃	1998 11 12	369	Sato, N.	(28226)	1999 AE ₂	1999 01 09	411	Kobayashi, T.
(28175)	1998 VM ₃₃	1998 11 15	411	Kobayashi, T.	(28227)	1999 AN ₂	1999 01 09	411	Kobayashi, T.
(28176)	1998 VV ₄₃	1998 11 15	691	Spacewatch	(28228)	1999 AU ₂	1999 01 09	411	Kobayashi, T.
(28177)	1998 VO ₅₃	1998 11 14	704	LINEAR	(28229)	1999 AK ₄	1999 01 09	120	Korlević, K.
(28178)	1998 WL ₁	1998 11 18	411	Kobayashi, T.	(28230)	1999 AH ₅	1999 01 10	905	Shimizu, Y., Urata, T.
(28179)	1998 WR ₁	1998 11 18	411	Kobayashi, T.	(28231)	1999 AL ₅	1999 01 10	905	Shimizu, Y., Urata, T.
(28180)	1998 WU ₁	1998 11 18	411	Kobayashi, T.	(28232)	1999 AS ₅	1999 01 12	411	Kobayashi, T.
(28181)	1998 WW ₅	1998 11 19	905	Shimizu, Y., Urata, T.	(28233)	1999 AV ₅	1999 01 12	411	Kobayashi, T.
(28182)	1998 WB ₁₀	1998 11 21	704	LINEAR	(28234)	1999 AB ₈	1999 01 13	411	Kobayashi, T.
(28183)	1998 WM ₁₆	1998 11 21	704	LINEAR	(28235)	1999 AL ₈	1999 01 07	699	LONEOS
(28184)	1998 WP ₁₇	1998 11 21	704	LINEAR	(28236)	1999 AH ₁₀	1999 01 14	120	Korlević, K.
(28185)	1998 WJ ₁₈	1998 11 21	704	LINEAR	(28237)	1999 AR ₁₆	1999 01 10	691	Spacewatch
(28186)	1998 WK ₁₈	1998 11 21	704	LINEAR	(28238)	1999 AB ₁₈	1999 01 11	691	Spacewatch
(28187)	1998 WP ₁₉	1998 11 23	704	LINEAR	(28239)	1999 AQ ₁₉	1999 01 13	691	Spacewatch
(28188)	1998 WV ₁₉	1998 11 25	704	LINEAR	(28240)	1999 AP ₂₁	1999 01 14	120	Korlević, K.
(28189)	1998 WP ₂₂	1998 11 18	704	LINEAR	(28241)	1999 AC ₂₂	1999 01 10	327	Beijing Schmidt CCD Asteroid Program
(28190)	1998 WU ₂₃	1998 11 25	704	LINEAR	(28242)	1999 AT ₂₂	1999 01 06	327	Beijing Schmidt CCD Asteroid Program
(28191)	1998 WV ₂₃	1998 11 25	704	LINEAR	(28243)	1999 AA ₂₃	1999 01 15	411	Kobayashi, T.
(28192)	1998 WE ₂₄	1998 11 25	704	LINEAR	(28244)	1999 AL ₃₁	1999 01 14	691	Spacewatch
(28193)	1998 WY ₃₀	1998 11 29	595	Farra d'Isonzo	(28245)	1999 AV ₃₇	1999 01 14	699	LONEOS
(28194)	1998 WX ₃₇	1998 11 21	691	Spacewatch	(28246)	1999 BW ₁	1999 01 18	120	Korlević, K.
(28195)	1998 XW ₄	1998 12 12	411	Kobayashi, T.	(28247)	1999 BP ₃	1999 01 19	120	Korlević, K.
(28196)	1998 XY ₁₂	1998 12 15	561	Sárneczky, K., Kiss, L.	(28248)	1999 BQ ₄	1999 01 19	910	ODAS
(28197)	1998 XZ ₁₂	1998 12 15	757	Chesney, D. K.	(28249)	1999 BX ₆	1999 01 21	910	ODAS
(28198)	1998 XU ₁₆	1998 12 15	120	Korlević, K.	(28250)	1999 BC ₈	1999 01 22	120	Korlević, K.
(28199)	1998 XA ₄₂	1998 12 14	704	LINEAR	(28251)	1999 BW ₁₃	1999 01 20	910	ODAS
(28200)	1998 XF ₄₄	1998 12 14	704	LINEAR	(28252)	1999 BK ₁₅	1999 01 26	120	Korlević, K.
(28201)	1998 XV ₄₄	1998 12 14	704	LINEAR	(28253)	1999 BA ₁₉	1999 01 16	704	LINEAR
(28202)	1998 XC ₄₇	1998 12 14	704	LINEAR	(28254)	1999 BC ₂₁	1999 01 16	704	LINEAR
(28203)	1998 XL ₄₈	1998 12 14	704	LINEAR	(28255)	1999 BB ₂₄	1999 01 18	704	LINEAR
(28204)	1998 XX ₅₀	1998 12 14	704	LINEAR	(28256)	1999 BL ₂₄	1999 01 18	704	LINEAR
(28205)	1998 XL ₅₁	1998 12 14	704	LINEAR	(28257)	1999 BT ₂₄	1999 01 18	704	LINEAR
(28206)	1998 XO ₅₂	1998 12 14	704	LINEAR	(28258)	1999 BM ₂₅	1999 01 18	704	LINEAR

(28259)	1999 BY ₂₇	1999 01 17	691	Spacewatch	(28311)	1999 CY ₉₀	1999 02 10	704	LINEAR
(28260)	1999 BK ₂₉	1999 01 18	691	Spacewatch	(28312)	1999 CH ₉₄	1999 02 10	704	LINEAR
(28261)	1999 CJ	1999 02 04	411	Kobayashi, T.	(28313)	1999 CU ₉₉	1999 02 10	704	LINEAR
(28262)	1999 CQ ₄	1999 02 08	120	Korlević, K.	(28314)	1999 CG ₁₀₀	1999 02 10	704	LINEAR
(28263)	1999 CR ₄	1999 02 08	120	Korlević, K.	(28315)	1999 CD ₁₀₁	1999 02 10	704	LINEAR
(28264)	1999 CJ ₅	1999 02 12	411	Kobayashi, T.	(28316)	1999 CK ₁₀₁	1999 02 10	704	LINEAR
(28265)	1999 CL ₅	1999 02 12	411	Kobayashi, T.	(28317)	1999 CA ₁₀₆	1999 02 12	704	LINEAR
(28266)	1999 CP ₅	1999 02 12	411	Kobayashi, T.	(28318)	1999 CE ₁₀₆	1999 02 12	704	LINEAR
(28267)	1999 CH ₁₀	1999 02 15	411	Kobayashi, T.	(28319)	1999 CR ₁₀₇	1999 02 12	704	LINEAR
(28268)	1999 CA ₁₄	1999 02 08	376	Kawasato, N.	(28320)	1999 CG ₁₁₀	1999 02 12	704	LINEAR
(28269)	1999 CQ ₁₄	1999 02 15	120	Korlević, K.	(28321)	1999 CV ₁₁₀	1999 02 12	704	LINEAR
(28270)	1999 CS ₁₄	1999 02 15	120	Korlević, K.	(28322)	1999 CK ₁₁₁	1999 02 12	704	LINEAR
(28271)	1999 CK ₁₆	1999 02 06	120	Korlević, K.	(28323)	1999 CP ₁₁₂	1999 02 12	704	LINEAR
(28272)	1999 CY ₁₇	1999 02 10	704	LINEAR	(28324)	1999 CN ₁₁₄	1999 02 12	704	LINEAR
(28273)	1999 CD ₂₁	1999 02 10	704	LINEAR	(28325)	1999 CK ₁₁₈	1999 02 12	704	LINEAR
(28274)	1999 CF ₂₁	1999 02 10	704	LINEAR	(28326)	1999 CY ₁₂₀	1999 02 11	704	LINEAR
(28275)	1999 CM ₂₃	1999 02 10	704	LINEAR	(28327)	1999 CT ₁₂₃	1999 02 11	704	LINEAR
(28276)	1999 CN ₂₅	1999 02 10	704	LINEAR	(28328)	1999 CN ₁₂₅	1999 02 11	704	LINEAR
(28277)	1999 CN ₂₇	1999 02 10	704	LINEAR	(28329)	1999 CD ₁₅₀	1999 02 13	691	Spacewatch
(28278)	1999 CQ ₂₇	1999 02 10	704	LINEAR	(28330)	1999 CG ₁₅₂	1999 02 12	691	Spacewatch
(28279)	1999 CD ₂₈	1999 02 10	704	LINEAR	(28331)	1999 CD ₁₅₆	1999 02 14	699	LONEOS
(28280)	1999 CG ₂₈	1999 02 10	704	LINEAR	(28332)	1999 DU ₁	1999 02 18	566	JPL/GEODSS NEAT
(28281)	1999 CT ₂₉	1999 02 10	704	LINEAR	(28333)	1999 DW ₁	1999 02 18	566	JPL/GEODSS NEAT
(28282)	1999 CJ ₃₅	1999 02 10	704	LINEAR	(28334)	1999 DJ ₂	1999 02 19	411	Kobayashi, T.
(28283)	1999 CR ₃₅	1999 02 10	704	LINEAR	(28335)	1999 DN ₂	1999 02 19	411	Kobayashi, T.
(28284)	1999 CG ₃₇	1999 02 10	704	LINEAR	(28336)	1999 DZ ₄	1999 02 17	704	LINEAR
(28285)	1999 CP ₃₉	1999 02 10	704	LINEAR	(28337)	1999 EA ₂	1999 03 09	691	Spacewatch
(28286)	1999 CJ ₄₀	1999 02 10	704	LINEAR	(28338)	1999 EL ₂	1999 03 10	691	Spacewatch
(28287)	1999 CT ₄₂	1999 02 10	704	LINEAR	(28339)	1999 EC ₃	1999 03 10	428	Broughton, J.
(28288)	1999 CL ₄₉	1999 02 10	704	LINEAR	(28340)	1999 EG ₅	1999 03 13	367	Abe, H.
(28289)	1999 CT ₅₀	1999 02 10	704	LINEAR	(28341)	1999 EU ₅	1999 03 13	683	Tucker, R. A.
(28290)	1999 CY ₅₁	1999 02 10	704	LINEAR	(28342)	1999 FB ₉	1999 03 19	699	LONEOS
(28291)	1999 CX ₅₂	1999 02 10	704	LINEAR	(28343)	1999 FG ₉	1999 03 20	699	LONEOS
(28292)	1999 CX ₅₄	1999 02 10	704	LINEAR	(28344)	1999 FE ₁₉	1999 03 22	699	LONEOS
(28293)	1999 CN ₅₇	1999 02 10	704	LINEAR	(28345)	1999 FL ₁₉	1999 03 22	699	LONEOS
(28294)	1999 CS ₅₉	1999 02 12	704	LINEAR	(28346)	1999 FV ₁₉	1999 03 19	678	Juels, C. W.
(28295)	1999 CE ₆₁	1999 02 12	704	LINEAR	(28347)	1999 FD ₂₂	1999 03 19	704	LINEAR
(28296)	1999 CQ ₆₃	1999 02 12	704	LINEAR	(28348)	1999 FO ₂₃	1999 03 19	704	LINEAR
(28297)	1999 CR ₆₃	1999 02 12	704	LINEAR	(28349)	1999 FB ₂₆	1999 03 19	704	LINEAR
(28298)	1999 CM ₆₄	1999 02 12	704	LINEAR	(28350)	1999 FC ₂₆	1999 03 19	704	LINEAR
(28299)	1999 CH ₆₆	1999 02 12	704	LINEAR	(28351)	1999 FP ₂₉	1999 03 19	704	LINEAR
(28300)	1999 CS ₆₇	1999 02 12	704	LINEAR	(28352)	1999 FF ₃₁	1999 03 19	704	LINEAR
(28301)	1999 CW ₆₇	1999 02 12	704	LINEAR	(28353)	1999 FH ₃₂	1999 03 19	704	LINEAR
(28302)	1999 CK ₇₁	1999 02 12	704	LINEAR	(28354)	1999 FV ₃₃	1999 03 19	704	LINEAR
(28303)	1999 CY ₇₂	1999 02 12	704	LINEAR	(28355)	1999 FW ₃₃	1999 03 19	704	LINEAR
(28304)	1999 CC ₇₅	1999 02 12	704	LINEAR	(28356)	1999 FF ₃₈	1999 03 20	704	LINEAR
(28305)	1999 CH ₇₉	1999 02 12	704	LINEAR	(28357)	1999 FB ₄₀	1999 03 20	704	LINEAR
(28306)	1999 CV ₇₉	1999 02 12	704	LINEAR	(28358)	1999 FW ₄₈	1999 03 20	704	LINEAR
(28307)	1999 CN ₈₀	1999 02 12	704	LINEAR	(28359)	1999 FP ₅₂	1999 03 20	704	LINEAR
(28308)	1999 CA ₈₁	1999 02 12	704	LINEAR	(28360)	1999 FU ₅₅	1999 03 20	704	LINEAR
(28309)	1999 CB ₈₁	1999 02 12	704	LINEAR	(28361)	1999 FF ₅₉	1999 03 20	704	LINEAR
(28310)	1999 CT ₈₁	1999 02 12	704	LINEAR	(28362)	1999 GP ₅	1999 04 07	905	Shimizu, Y., Urata, T.

(28363)	1999 GN ₆	1999 04 14	426	Zoltowski, F. B.	(28415)	1999 VE ₂₇	1999 11 03	704	LINEAR
(28364)	1999 GN ₇	1999 04 07	699	LONEOS	(28416)	1999 VW ₃₁	1999 11 03	704	LINEAR
(28365)	1999 GF ₁₄	1999 04 15	704	LINEAR	(28417)	1999 VA ₅₀	1999 11 03	704	LINEAR
(28366)	1999 GA ₁₆	1999 04 09	704	LINEAR	(28418)	1999 VQ ₅₄	1999 11 04	704	LINEAR
(28367)	1999 GO ₁₆	1999 04 15	704	LINEAR	(28419)	1999 VA ₆₇	1999 11 04	704	LINEAR
(28368)	1999 GW ₁₈	1999 04 15	704	LINEAR	(28420)	1999 VC ₇₈	1999 11 04	704	LINEAR
(28369)	1999 GA ₂₁	1999 04 15	704	LINEAR	(28421)	1999 VH ₈₇	1999 11 06	703	CSS
(28370)	1999 GK ₃₄	1999 04 06	704	LINEAR	(28422)	1999 VA ₁₅₄	1999 11 13	703	CSS
(28371)	1999 GG ₃₉	1999 04 12	704	LINEAR	(28423)	1999 WN ₃	1999 11 28	411	Kobayashi, T.
(28372)	1999 HU	1999 04 18	426	Zoltowski, F. B.	(28424)	1999 XA	1999 12 01	704	LINEAR
(28373)	1999 HL ₃	1999 04 18	703	CSS	(28425)	1999 XL ₂₄	1999 12 06	704	LINEAR
(28374)	1999 HL ₁₁	1999 04 17	704	LINEAR	(28426)	1999 XV ₂₈	1999 12 06	704	LINEAR
(28375)	1999 JC	1999 05 02	120	Korlević, K.	(28427)	1999 XP ₄₂	1999 12 07	704	LINEAR
(28376)	1999 JX ₁₉	1999 05 10	704	LINEAR	(28428)	1999 XQ ₄₃	1999 12 07	704	LINEAR
(28377)	1999 JC ₂₄	1999 05 10	704	LINEAR	(28429)	1999 XF ₇₅	1999 12 07	704	LINEAR
(28378)	1999 JN ₂₄	1999 05 10	704	LINEAR	(28430)	1999 XP ₁₂₄	1999 12 07	703	CSS
(28379)	1999 JK ₃₇	1999 05 10	704	LINEAR	(28431)	1999 XO ₁₃₆	1999 12 13	678	Juels, C. W.
(28380)	1999 JO ₃₈	1999 05 10	704	LINEAR	(28432)	1999 XY ₁₆₈	1999 12 10	704	LINEAR
(28381)	1999 JQ ₃₉	1999 05 10	704	LINEAR	(28433)	1999 XP ₁₇₅	1999 12 10	704	LINEAR
(28382)	1999 JZ ₄₈	1999 05 10	704	LINEAR	(28434)	1999 XL ₁₇₆	1999 12 10	704	LINEAR
(28383)	1999 JX ₆₈	1999 05 12	704	LINEAR	(28435)	1999 XW ₂₀₉	1999 12 13	704	LINEAR
(28384)	1999 JT ₇₆	1999 05 10	704	LINEAR	(28436)	1999 XJ ₂₃₀	1999 12 07	699	LONEOS
(28385)	1999 JX ₇₆	1999 05 12	704	LINEAR	(28437)	1999 YJ ₁₆	1999 12 31	691	Spacewatch
(28386)	1999 JD ₇₉	1999 05 13	704	LINEAR	(28438)	2000 AG ₃₀	2000 01 03	704	LINEAR
(28387)	1999 JE ₇₉	1999 05 13	704	LINEAR	(28439)	2000 AM ₃₀	2000 01 03	704	LINEAR
(28388)	1999 JM ₈₆	1999 05 12	704	LINEAR	(28440)	2000 AN ₄₀	2000 01 03	704	LINEAR
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(28390)	1999 JW ₁₃₁	1999 05 13	704	LINEAR	(28442)	2000 AN ₆₁	2000 01 04	704	LINEAR
(28391)	1999 LV ₁₁	1999 06 09	704	LINEAR	(28443)	2000 AP ₈₆	2000 01 05	704	LINEAR
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(28393)	1999 RB ₁₂	1999 09 07	704	LINEAR	(28445)	2000 AQ ₉₅	2000 01 04	704	LINEAR
(28394)	1999 RY ₃₆	1999 09 13	684	Comba, P. G.	(28446)	2000 AQ ₉₆	2000 01 04	704	LINEAR
(28395)	1999 RZ ₄₂	1999 09 03	413	McNaught, R. H.	(28447)	2000 AW ₉₆	2000 01 04	704	LINEAR
(28396)	1999 RY ₄₄	1999 09 13	148	Klotz, A.	(28448)	2000 AN ₉₇	2000 01 04	704	LINEAR
(28397)	1999 RK ₅₃	1999 09 07	704	LINEAR	(28449)	2000 AK ₁₁₇	2000 01 05	704	LINEAR
(28398)	1999 RE ₅₅	1999 09 07	704	LINEAR	(28450)	2000 AB ₁₁₉	2000 01 05	704	LINEAR
(28399)	1999 RY ₁₃₆	1999 09 09	704	LINEAR	(28451)	2000 AD ₁₂₉	2000 01 05	704	LINEAR
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(28401)	1999 RT ₁₆₅	1999 09 09	704	LINEAR	(28453)	2000 AE ₁₃₁	2000 01 06	704	LINEAR
(28402)	1999 RV ₂₁₁	1999 09 08	704	LINEAR	(28454)	2000 AF ₁₃₇	2000 01 04	704	LINEAR
(28403)	1999 TY	1999 10 01	120	Korlević, K.	(28455)	2000 AV ₁₃₇	2000 01 04	704	LINEAR
(28404)	1999 TQ ₅	1999 10 01	120	Korlević, K., Jurić, M.	(28456)	2000 AY ₁₃₇	2000 01 04	704	LINEAR
(28405)	1999 TG ₁₃	1999 10 10	385	Urata, T.	(28457)	2000 AX ₁₄₃	2000 01 05	704	LINEAR
(28406)	1999 TB ₁₀₀	1999 10 02	704	LINEAR	(28458)	2000 AL ₁₄₄	2000 01 05	704	LINEAR
(28407)	1999 TH ₁₃₅	1999 10 06	704	LINEAR	(28459)	2000 AW ₁₄₄	2000 01 05	704	LINEAR
(28408)	1999 TS ₂₂₂	1999 10 02	699	LONEOS	(28460)	2000 AY ₁₆₃	2000 01 05	704	LINEAR
(28409)	1999 TQ ₂₂₆	1999 10 03	691	Spacewatch	(28461)	2000 AL ₁₆₄	2000 01 05	704	LINEAR
(28410)	1999 TE ₂₄₆	1999 10 08	703	CSS	(28462)	2000 AO ₁₆₄	2000 01 05	704	LINEAR
(28411)	1999 TQ ₂₈₄	1999 10 09	704	LINEAR	(28463)	2000 AG ₁₆₈	2000 01 07	734	Farpoint
(28412)	1999 UY ₁₃	1999 10 29	703	CSS	(28464)	2000 AZ ₁₈₅	2000 01 08	704	LINEAR
(28413)	1999 UT ₂₆	1999 10 30	703	CSS	(28465)	2000 AQ ₂₃₇	2000 01 05	704	LINEAR
(28414)	1999 UH ₄₆	1999 10 31	703	CSS	(28466)	2000 AV ₂₄₃	2000 01 07	704	LINEAR

(28467)	2000 AA ₂₄₄	2000 01 07	704	LINEAR	(28519)	2000 DP ₁₅	2000 02 26	703	CSS
(28468)	2000 AG ₂₄₆	2000 01 12	327	Beijing Schmidt CCD Asteroid Program	(28520)	2000 DH ₁₆	2000 02 29	120	Korlević, K.
(28469)	2000 BU ₈	2000 01 29	704	LINEAR	(28521)	2000 DK ₂₇	2000 02 29	704	LINEAR
(28470)	2000 BJ ₁₂	2000 01 28	691	Spacewatch	(28522)	2000 DP ₃₄	2000 02 29	704	LINEAR
(28471)	2000 BZ ₁₃	2000 01 27	411	Kobayashi, T.	(28523)	2000 DH ₅₀	2000 02 29	704	LINEAR
(28472)	2000 BE ₁₄	2000 01 28	411	Kobayashi, T.	(28524)	2000 DA ₅₂	2000 02 29	704	LINEAR
(28473)	2000 BF ₁₅	2000 01 31	411	Kobayashi, T.	(28525)	2000 DY ₅₇	2000 02 29	704	LINEAR
(28474)	2000 BB ₃₀	2000 01 30	704	LINEAR	(28526)	2000 DV ₆₅	2000 02 29	704	LINEAR
(28475)	2000 CU	2000 02 01	703	CSS	(28527)	2000 DW ₆₈	2000 02 29	704	LINEAR
(28476)	2000 CK ₂	2000 02 02	411	Kobayashi, T.	(28528)	2000 DC ₇₀	2000 02 29	704	LINEAR
(28477)	2000 CB ₄	2000 02 05	704	LINEAR	(28529)	2000 DQ ₇₀	2000 02 29	704	LINEAR
(28478)	2000 CR ₂₄	2000 02 02	704	LINEAR	(28530)	2000 DR ₇₁	2000 02 29	704	LINEAR
(28479)	2000 CF ₂₆	2000 02 02	704	LINEAR	(28531)	2000 DW ₇₁	2000 02 29	704	LINEAR
(28480)	2000 CL ₂₆	2000 02 02	704	LINEAR	(28532)	2000 DE ₇₈	2000 02 29	704	LINEAR
(28481)	2000 CO ₂₆	2000 02 02	704	LINEAR	(28533)	2000 DL ₇₈	2000 02 29	704	LINEAR
(28482)	2000 CK ₂₉	2000 02 02	704	LINEAR	(28534)	2000 DO ₈₂	2000 02 28	704	LINEAR
(28483)	2000 CJ ₃₉	2000 02 04	704	LINEAR	(28535)	2000 DE ₈₅	2000 02 29	704	LINEAR
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(28486)	2000 CZ ₅₁	2000 02 02	704	LINEAR	(28538)	2000 DY ₁₀₆	2000 02 29	704	LINEAR
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(28488)	2000 CF ₅₈	2000 02 05	704	LINEAR	(28540)	2000 EC ₄	2000 03 04	428	Broughton, J.
(28489)	2000 CN ₅₈	2000 02 05	704	LINEAR	(28541)	2000 ED ₆	2000 03 02	691	Spacewatch
(28490)	2000 CQ ₅₈	2000 02 05	704	LINEAR	(28542)	2000 EE ₁₀	2000 03 03	704	LINEAR
(28491)	2000 CC ₅₉	2000 02 05	734	Farpoint	(28543)	2000 EF ₁₇	2000 03 03	704	LINEAR
(28492)	2000 CM ₅₉	2000 02 01	461	JATE Asteroid Survey	(28544)	2000 EM ₁₉	2000 03 05	704	LINEAR
(28493)	2000 CC ₆₃	2000 02 02	704	LINEAR	(28545)	2000 ED ₂₀	2000 03 07	120	Korlević, K.
(28494)	2000 CW ₆₃	2000 02 02	704	LINEAR	(28546)	2000 EE ₂₀	2000 03 07	120	Korlević, K.
(28495)	2000 CA ₆₄	2000 02 02	704	LINEAR	(28547)	2000 EB ₂₁	2000 03 03	703	CSS
(28496)	2000 CR ₆₈	2000 02 01	691	Spacewatch	(28548)	2000 EY ₂₅	2000 03 08	691	Spacewatch
(28497)	2000 CJ ₆₉	2000 02 01	691	Spacewatch	(28549)	2000 EZ ₂₅	2000 03 08	691	Spacewatch
(28498)	2000 CL ₇₀	2000 02 07	704	LINEAR	(28550)	2000 EC ₂₆	2000 03 08	691	Spacewatch
(28499)	2000 CG ₇₅	2000 02 04	704	LINEAR	(28551)	2000 EO ₃₆	2000 03 08	704	LINEAR
(28500)	2000 CW ₇₆	2000 02 10	120	Korlević, K.	(28552)	2000 EY ₃₈	2000 03 08	704	LINEAR
(28501)	2000 CO ₇₉	2000 02 08	691	Spacewatch	(28553)	2000 ED ₃₉	2000 03 08	704	LINEAR
(28502)	2000 CV ₇₉	2000 02 08	691	Spacewatch	(28554)	2000 EB ₄₁	2000 03 08	704	LINEAR
(28503)	2000 CZ ₈₂	2000 02 04	704	LINEAR	(28555)	2000 EM ₄₁	2000 03 08	704	LINEAR
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(28505)	2000 CP ₈₃	2000 02 04	704	LINEAR	(28557)	2000 EY ₄₃	2000 03 08	704	LINEAR
(28506)	2000 CR ₈₃	2000 02 04	704	LINEAR	(28558)	2000 EV ₄₄	2000 03 09	704	LINEAR
(28507)	2000 CD ₈₇	2000 02 04	704	LINEAR	(28559)	2000 ET ₄₆	2000 03 09	704	LINEAR
(28508)	2000 CD ₈₉	2000 02 04	704	LINEAR	(28560)	2000 EO ₄₈	2000 03 09	704	LINEAR
(28509)	2000 CB ₉₂	2000 02 06	704	LINEAR	(28561)	2000 EP ₄₈	2000 03 09	704	LINEAR
(28510)	2000 CC ₉₅	2000 02 08	704	LINEAR	(28562)	2000 ET ₄₈	2000 03 09	704	LINEAR
(28511)	2000 CW ₁₀₂	2000 02 02	704	LINEAR	(28563)	2000 EF ₅₇	2000 03 08	704	LINEAR
(28512)	2000 CG ₁₀₃	2000 02 06	704	LINEAR	(28564)	2000 EV ₅₇	2000 03 08	704	LINEAR
(28513)	2000 CM ₁₂₆	2000 02 05	695	Buie, M. W.	(28565)	2000 EO ₅₈	2000 03 08	704	LINEAR
(28514)	2000 DQ ₂	2000 02 26	732	Roe, J. M.	(28566)	2000 EV ₅₉	2000 03 10	704	LINEAR
(28515)	2000 DK ₃	2000 02 27	120	Korlević, K., Jurić, M.	(28567)	2000 EA ₆₁	2000 03 10	704	LINEAR
(28516)	2000 DQ ₃	2000 02 27	684	Comba, P. G.	(28568)	2000 EU ₆₄	2000 03 10	704	LINEAR
(28517)	2000 DD ₇	2000 02 29	411	Kobayashi, T.	(28569)	2000 ES ₆₇	2000 03 10	704	LINEAR
(28518)	2000 DE ₇	2000 02 29	411	Kobayashi, T.	(28570)	2000 EW ₇₅	2000 03 05	704	LINEAR

(28571)	2000	EZ ₇₆	2000	03	05	704	LINEAR	(28623)	2000	FX ₂₉	2000	03	27	699	LONEOS
(28572)	2000	EH ₇₉	2000	03	05	704	LINEAR	(28624)	2000	FM ₃₁	2000	03	28	704	LINEAR
(28573)	2000	EG ₈₁	2000	03	05	704	LINEAR	(28625)	2000	FQ ₃₂	2000	03	29	704	LINEAR
(28574)	2000	EV ₈₈	2000	03	09	704	LINEAR	(28626)	2000	FR ₃₂	2000	03	29	704	LINEAR
(28575)	2000	ES ₉₅	2000	03	10	704	LINEAR	(28627)	2000	FH ₃₃	2000	03	29	704	LINEAR
(28576)	2000	EP ₉₆	2000	03	12	704	LINEAR	(28628)	2000	FF ₃₄	2000	03	29	704	LINEAR
(28577)	2000	EW ₉₆	2000	03	10	704	LINEAR	(28629)	2000	FT ₃₄	2000	03	29	704	LINEAR
(28578)	2000	EE ₉₇	2000	03	10	704	LINEAR	(28630)	2000	FK ₃₅	2000	03	29	704	LINEAR
(28579)	2000	EQ ₉₇	2000	03	10	704	LINEAR	(28631)	2000	FX ₃₆	2000	03	29	704	LINEAR
(28580)	2000	EJ ₁₀₄	2000	03	14	120	Korlević, K.	(28632)	2000	FF ₃₇	2000	03	29	704	LINEAR
(28581)	2000	ER ₁₀₅	2000	03	11	699	LONEOS	(28633)	2000	FK ₃₇	2000	03	29	704	LINEAR
(28582)	2000	EB ₁₀₆	2000	03	11	699	LONEOS	(28634)	2000	FR ₃₉	2000	03	29	704	LINEAR
(28583)	2000	EJ ₁₀₈	2000	03	08	704	LINEAR	(28635)	2000	FV ₄₂	2000	03	28	704	LINEAR
(28584)	2000	ER ₁₁₀	2000	03	08	608	JPL/GEODSS NEAT	(28636)	2000	FK ₄₅	2000	03	29	704	LINEAR
(28585)	2000	EY ₁₁₀	2000	03	08	608	JPL/GEODSS NEAT	(28637)	2000	FB ₄₈	2000	03	29	704	LINEAR
(28586)	2000	EB ₁₁₃	2000	03	09	704	LINEAR	(28638)	2000	FE ₄₉	2000	03	30	704	LINEAR
(28587)	2000	EG ₁₁₄	2000	03	09	704	LINEAR	(28639)	2000	FK ₄₉	2000	03	30	704	LINEAR
(28588)	2000	EL ₁₁₄	2000	03	09	704	LINEAR	(28640)	2000	FQ ₄₉	2000	03	30	704	LINEAR
(28589)	2000	EL ₁₂₆	2000	03	11	699	LONEOS	(28641)	2000	FS ₄₉	2000	03	30	704	LINEAR
(28590)	2000	EX ₁₂₆	2000	03	11	699	LONEOS	(28642)	2000	FZ ₄₉	2000	03	30	704	LINEAR
(28591)	2000	EC ₁₃₀	2000	03	11	699	LONEOS	(28643)	2000	FB ₅₀	2000	03	30	704	LINEAR
(28592)	2000	EP ₁₃₁	2000	03	11	704	LINEAR	(28644)	2000	FD ₅₆	2000	03	29	704	LINEAR
(28593)	2000	EZ ₁₃₃	2000	03	11	699	LONEOS	(28645)	2000	FP ₅₆	2000	03	29	704	LINEAR
(28594)	2000	EF ₁₃₄	2000	03	11	699	LONEOS	(28646)	2000	FO ₆₂	2000	03	26	699	LONEOS
(28595)	2000	EP ₁₃₆	2000	03	12	704	LINEAR	(28647)	2000	GW	2000	04	02	691	Spacewatch
(28596)	2000	EK ₁₃₇	2000	03	07	704	LINEAR	(28648)	2000	GY	2000	04	02	691	Spacewatch
(28597)	2000	ER ₁₃₇	2000	03	09	704	LINEAR	(28649)	2000	GZ ₁	2000	04	04	678	Juels, C. W.
(28598)	2000	EU ₁₃₇	2000	03	09	704	LINEAR	(28650)	2000	GE ₈	2000	04	05	704	LINEAR
(28599)	2000	EQ ₁₃₈	2000	03	11	703	CSS	(28651)	2000	GP ₈	2000	04	05	704	LINEAR
(28600)	2000	EO ₁₄₁	2000	03	02	703	CSS	(28652)	2000	GM ₁₅	2000	04	05	704	LINEAR
(28601)	2000	EK ₁₄₇	2000	03	04	703	CSS	(28653)	2000	GC ₁₆	2000	04	05	704	LINEAR
(28602)	2000	EL ₁₄₇	2000	03	04	703	CSS	(28654)	2000	GY ₂₀	2000	04	05	704	LINEAR
(28603)	2000	EW ₁₄₈	2000	03	04	703	CSS	(28655)	2000	GY ₂₅	2000	04	05	704	LINEAR
(28604)	2000	EB ₁₅₁	2000	03	05	608	JPL/GEODSS NEAT	(28656)	2000	GH ₂₈	2000	04	05	704	LINEAR
(28605)	2000	ER ₁₅₂	2000	03	06	608	JPL/GEODSS NEAT	(28657)	2000	GM ₂₈	2000	04	05	704	LINEAR
(28606)	2000	ES ₁₅₄	2000	03	06	608	JPL/GEODSS NEAT	(28658)	2000	GC ₃₀	2000	04	05	704	LINEAR
(28607)	2000	EG ₁₅₆	2000	03	09	704	LINEAR	(28659)	2000	GB ₃₆	2000	04	05	704	LINEAR
(28608)	2000	EU ₁₅₇	2000	03	12	699	LONEOS	(28660)	2000	GP ₃₈	2000	04	05	704	LINEAR
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(28610)	2000	EM ₁₅₈	2000	03	12	699	LONEOS	(28662)	2000	GL ₃₉	2000	04	05	704	LINEAR
(28611)	2000	EW ₁₆₉	2000	03	05	704	LINEAR	(28663)	2000	GH ₄₃	2000	04	05	704	LINEAR
(28612)	2000	FE ₂	2000	03	25	691	Spacewatch	(28664)	2000	GV ₄₈	2000	04	05	704	LINEAR
(28613)	2000	FG ₅	2000	03	29	411	Kobayashi, T.	(28665)	2000	GN ₅₁	2000	04	05	704	LINEAR
(28614)	2000	FO ₈	2000	03	25	046	Kleť	(28666)	2000	GO ₅₁	2000	04	05	704	LINEAR
(28615)	2000	FS ₁₀	2000	03	31	428	Broughton, J.	(28667)	2000	GW ₅₃	2000	04	05	704	LINEAR
(28616)	2000	FD ₁₁	2000	03	28	704	LINEAR	(28668)	2000	GF ₅₄	2000	04	05	704	LINEAR
(28617)	2000	FB ₁₃	2000	03	29	704	LINEAR	(28669)	2000	GG ₅₅	2000	04	05	704	LINEAR
(28618)	2000	FK ₁₇	2000	03	29	704	LINEAR	(28670)	2000	GO ₅₅	2000	04	05	704	LINEAR
(28619)	2000	FP ₂₄	2000	03	29	704	LINEAR	(28671)	2000	GW ₅₅	2000	04	05	704	LINEAR
(28620)	2000	FE ₂₆	2000	03	27	699	LONEOS	(28672)	2000	GH ₅₆	2000	04	05	704	LINEAR
(28621)	2000	FZ ₂₈	2000	03	27	699	LONEOS	(28673)	2000	GT ₅₆	2000	04	05	704	LINEAR
(28622)	2000	FJ ₂₉	2000	03	27	699	LONEOS	(28674)	2000	GZ ₅₉	2000	04	05	704	LINEAR

(28675)	2000	GB ₆₀	2000	04	05	704	LINEAR	(28727)	2000	GO ₁₁₃	2000	04	06	704	LINEAR
(28676)	2000	GK ₆₆	2000	04	05	704	LINEAR	(28728)	2000	GX ₁₂₁	2000	04	06	691	Spacewatch
(28677)	2000	GO ₆₆	2000	04	05	704	LINEAR	(28729)	2000	GF ₁₂₃	2000	04	11	684	Comba, P. G.
(28678)	2000	GN ₆₇	2000	04	05	704	LINEAR	(28730)	2000	GU ₁₂₃	2000	04	07	704	LINEAR
(28679)	2000	GY ₆₈	2000	04	05	704	LINEAR	(28731)	2000	GX ₁₂₃	2000	04	07	704	LINEAR
(28680)	2000	GA ₆₉	2000	04	05	704	LINEAR	(28732)	2000	GF ₁₂₄	2000	04	07	704	LINEAR
(28681)	2000	GH ₇₀	2000	04	05	704	LINEAR	(28733)	2000	GY ₁₂₄	2000	04	07	704	LINEAR
(28682)	2000	GQ ₇₀	2000	04	05	704	LINEAR	(28734)	2000	GK ₁₂₅	2000	04	07	704	LINEAR
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(28686)	2000	GK ₇₄	2000	04	05	704	LINEAR	(28738)	2000	GQ ₁₃₅	2000	04	08	704	LINEAR
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(28691)	2000	GC ₇₆	2000	04	05	704	LINEAR	(28743)	2000	GO ₁₄₂	2000	04	07	699	LONEOS
(28692)	2000	GA ₇₈	2000	04	05	704	LINEAR	(28744)	2000	GK ₁₄₃	2000	04	07	699	LONEOS
(28693)	2000	GS ₇₉	2000	04	05	704	LINEAR	(28745)	2000	GV ₁₄₄	2000	04	07	691	Spacewatch
(28694)	2000	GJ ₈₅	2000	04	03	704	LINEAR	(28746)	2000	GB ₁₄₈	2000	04	05	704	LINEAR
(28695)	2000	GP ₈₆	2000	04	04	704	LINEAR	(28747)	2000	GF ₁₅₁	2000	04	05	704	LINEAR
(28696)	2000	GU ₈₇	2000	04	04	704	LINEAR	(28748)	2000	GH ₁₆₁	2000	04	07	704	LINEAR
(28697)	2000	GZ ₈₈	2000	04	04	704	LINEAR	(28749)	2000	GP ₁₆₁	2000	04	07	704	LINEAR
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(28702)	2000	GH ₉₁	2000	04	04	704	LINEAR	(28754)	2000	HV ₁	2000	04	25	120	Korlević, K.
(28703)	2000	GM ₉₁	2000	04	04	704	LINEAR	(28755)	2000	HK ₄	2000	04	27	691	Spacewatch
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(28710)	2000	GY ₁₀₀	2000	04	07	704	LINEAR	(28762)	2000	HG ₁₃	2000	04	28	704	LINEAR
(28711)	2000	GE ₁₀₁	2000	04	07	704	LINEAR	(28763)	2000	HK ₁₃	2000	04	28	704	LINEAR
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(28714)	2000	GY ₁₀₂	2000	04	07	704	LINEAR	(28766)	2000	HP ₁₄	2000	04	29	684	Comba, P. G.
(28715)	2000	GW ₁₀₃	2000	04	07	704	LINEAR	(28767)	2000	HA ₁₇	2000	04	24	691	Spacewatch
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(28717)	2000	GT ₁₀₆	2000	04	07	704	LINEAR	(28769)	2000	HC ₂₆	2000	04	24	699	LONEOS
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(28720)	2000	GV ₁₀₇	2000	04	07	704	LINEAR	(28772)	2000	HE ₃₄	2000	04	25	699	LONEOS
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(28725)	2000	GB ₁₁₃	2000	04	05	704	LINEAR	(28777)	2000	HK ₄₁	2000	04	28	704	LINEAR
(28726)	2000	GM ₁₁₃	2000	04	06	704	LINEAR	(28778)	2000	HG ₄₆	2000	04	29	704	LINEAR

(28779)	2000 HV ₄₆	2000 04 29	704	LINEAR	(28831)	2000 JL ₃₂	2000 05 07	704	LINEAR
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(28783)	2000 HH ₄₉	2000 04 29	704	LINEAR	(28835)	2000 JX ₃₇	2000 05 07	704	LINEAR
(28784)	2000 HT ₅₁	2000 04 29	704	LINEAR	(28836)	2000 JH ₃₈	2000 05 07	704	LINEAR
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(28788)	2000 HW ₅₇	2000 04 24	699	LONEOS	(28840)	2000 JB ₄₄	2000 05 07	704	LINEAR
(28789)	2000 HE ₅₈	2000 04 24	691	Spacewatch	(28841)	2000 JK ₄₅	2000 05 07	704	LINEAR
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(28791)	2000 HW ₅₉	2000 04 25	699	LONEOS	(28843)	2000 JZ ₄₅	2000 05 07	704	LINEAR
(28792)	2000 HE ₆₁	2000 04 25	699	LONEOS	(28844)	2000 JS ₄₇	2000 05 09	704	LINEAR
(28793)	2000 HM ₆₁	2000 04 25	699	LONEOS	(28845)	2000 JP ₄₉	2000 05 09	704	LINEAR
(28794)	2000 HG ₆₄	2000 04 26	699	LONEOS	(28846)	2000 JQ ₅₀	2000 05 09	704	LINEAR
(28795)	2000 HO ₆₄	2000 04 26	699	LONEOS	(28847)	2000 JT ₅₀	2000 05 09	704	LINEAR
(28796)	2000 HW ₆₅	2000 04 26	699	LONEOS	(28848)	2000 JH ₅₃	2000 05 09	704	LINEAR
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(28807)	2000 HC ₉₀	2000 04 29	704	LINEAR	(28859)	2000 JC ₆₀	2000 05 07	704	LINEAR
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(28810)	2000 JS ₅	2000 05 01	704	LINEAR	(28862)	2000 JF ₆₅	2000 05 05	704	LINEAR
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(28812)	2000 JS ₁₁	2000 05 03	704	LINEAR	(28864)	2000 JG ₇₀	2000 05 01	699	LONEOS
(28813)	2000 JV ₁₄	2000 05 06	704	LINEAR	(28865)	2000 JX ₇₄	2000 05 04	691	Spacewatch
(28814)	2000 JA ₁₇	2000 05 05	704	LINEAR	(28866)	2000 JX ₇₅	2000 05 06	704	LINEAR
(28815)	2000 JS ₁₇	2000 05 06	704	LINEAR	(28867)	2000 JU ₇₆	2000 05 07	704	LINEAR
(28816)	2000 JC ₁₈	2000 05 06	704	LINEAR	(28868)	2000 JN ₇₇	2000 05 07	704	LINEAR
(28817)	2000 JJ ₂₀	2000 05 06	704	LINEAR	(28869)	2000 JA ₈₄	2000 05 05	704	LINEAR
(28818)	2000 JQ ₂₀	2000 05 06	704	LINEAR	(28870)	2000 JO ₈₅	2000 05 02	704	LINEAR
(28819)	2000 JX ₂₀	2000 05 06	704	LINEAR	(28871)	2000 KA ₆	2000 05 27	704	LINEAR
(28820)	2000 JJ ₂₄	2000 05 07	704	LINEAR	(28872)	2000 KF ₆	2000 05 27	704	LINEAR
(28821)	2000 JV ₂₄	2000 05 07	704	LINEAR	(28873)	2000 KM ₇	2000 05 27	704	LINEAR
(28822)	2000 JW ₂₅	2000 05 07	704	LINEAR	(28874)	2000 KC ₁₅	2000 05 28	704	LINEAR
(28823)	2000 JM ₂₆	2000 05 07	704	LINEAR	(28875)	2000 KH ₁₈	2000 05 28	704	LINEAR
(28824)	2000 JY ₂₆	2000 05 07	704	LINEAR	(28876)	2000 KL ₃₁	2000 05 28	704	LINEAR
(28825)	2000 JG ₂₈	2000 05 07	704	LINEAR	(28877)	2000 KC ₄₁	2000 05 28	704	LINEAR
(28826)	2000 JQ ₂₈	2000 05 07	704	LINEAR	(28878)	2000 KL ₄₁	2000 05 26	557	Kušnirák, P.
(28827)	2000 JK ₂₉	2000 05 07	704	LINEAR	(28879)	2000 KK ₄₂	2000 05 28	704	LINEAR
(28828)	2000 JT ₂₉	2000 05 07	704	LINEAR	(28880)	2000 KN ₄₆	2000 05 27	704	LINEAR
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(28830)	2000 JY ₃₀	2000 05 07	704	LINEAR	(28882)	2000 KO ₄₈	2000 05 27	704	LINEAR

(28883)	2000 KS ₅₂	2000 05 24	699	LONEOS	(28935)	2000 SH ₁₂₃	2000 09 24	704	LINEAR
(28884)	2000 KA ₅₄	2000 05 27	699	LONEOS	(28936)	2000 SF ₁₃₉	2000 09 23	704	LINEAR
(28885)	2000 KH ₅₆	2000 05 27	704	LINEAR	(28937)	2000 SM ₁₆₂	2000 09 21	608	JPL/GEODSS NEAT
(28886)	2000 KX ₅₇	2000 05 24	699	LONEOS	(28938)	2000 SR ₃₁₁	2000 09 27	704	LINEAR
(28887)	2000 KQ ₅₈	2000 05 24	699	LONEOS	(28939)	2000 TO ₃₃	2000 10 04	704	LINEAR
(28888)	2000 KS ₆₀	2000 05 25	699	LONEOS	(28940)	2000 UD ₁	2000 10 22	120	Korlević, K.
(28889)	2000 KQ ₆₃	2000 05 26	699	LONEOS	(28941)	2000 UH ₈	2000 10 24	704	LINEAR
(28890)	2000 KY ₆₅	2000 05 27	699	LONEOS	(28942)	2000 UJ ₁₄	2000 10 24	704	LINEAR
(28891)	2000 KK ₇₅	2000 05 27	704	LINEAR	(28943)	2000 UF ₅₁	2000 10 24	704	LINEAR
(28892)	2000 LZ ₂	2000 06 04	704	LINEAR	(28944)	2000 UA ₇₀	2000 10 25	704	LINEAR
(28893)	2000 LL ₇	2000 06 06	691	Spacewatch	(28945)	2000 UA ₇₉	2000 10 24	704	LINEAR
(28894)	2000 LT ₈	2000 06 05	704	LINEAR	(28946)	2000 VW ₅₆	2000 11 03	704	LINEAR
(28895)	2000 LS ₉	2000 06 06	704	LINEAR	(28947)	2000 WH ₁₂	2000 11 22	608	JPL/GEODSS NEAT
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(28898)	2000 LX ₁₀	2000 06 04	704	LINEAR	(28950)	2000 WF ₁₃₃	2000 11 19	704	LINEAR
(28899)	2000 LV ₁₁	2000 06 04	704	LINEAR	(28951)	2000 WA ₁₄₉	2000 11 29	608	JPL/GEODSS NEAT
(28900)	2000 LH ₁₂	2000 06 04	704	LINEAR	(28952)	2000 YG ₃₅	2000 12 30	704	LINEAR
(28901)	2000 LJ ₁₄	2000 06 06	704	LINEAR	(28953)	2000 YL ₃₇	2000 12 30	704	LINEAR
(28902)	2000 LZ ₃₃	2000 06 04	608	JPL/GEODSS NEAT	(28954)	2000 YA ₄₁	2000 12 30	704	LINEAR
(28903)	2000 LD ₃₅	2000 06 01	608	JPL/GEODSS NEAT	(28955)	2000 YZ ₅₈	2000 12 30	704	LINEAR
(28904)	2000 ML	2000 06 20	608	JPL/GEODSS NEAT	(28956)	2001 AA ₄₅	2001 01 15	411	Kobayashi, T.
(28905)	2000 MQ	2000 06 24	608	JPL/GEODSS NEAT	(28957)	2001 BE ₅₀	2001 01 21	704	LINEAR
(28906)	2000 MP ₂	2000 06 24	608	JPL/GEODSS NEAT	(28958)	2001 CQ ₄₂	2001 02 13	704	LINEAR
(28907)	2000 MH ₃	2000 06 25	691	Spacewatch	(28959)	2001 DL ₇₄	2001 02 19	704	LINEAR
(28908)	2000 NY ₆	2000 07 04	691	Spacewatch	(28960)	2001 DZ ₈₁	2001 02 22	691	Spacewatch
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(28911)	2000 NB ₁₆	2000 07 05	699	LONEOS	(28963)	2001 FY ₁₂₁	2001 03 29	919	Yeung, W. K.
(28912)	2000 NL ₂₆	2000 07 04	699	LONEOS	(28964)	2001 FG ₁₂₂	2001 03 23	699	LONEOS
(28913)	2000 OT	2000 07 23	428	Broughton, J.	(28965)	2001 FF ₁₆₂	2001 03 30	608	JPL/GEODSS NEAT
(28914)	2000 OC ₁₂	2000 07 23	704	LINEAR	(28966)	2001 HS ₂₄	2001 04 26	919	Yeung, W. K.
(28915)	2000 OU ₁₃	2000 07 23	704	LINEAR	(28967)	2001 HK ₃₄	2001 04 27	704	LINEAR
(28916)	2000 OL ₃₅	2000 07 31	704	LINEAR	(28968)	2001 HT ₃₆	2001 04 29	704	LINEAR
(28917)	2000 QR ₁₇	2000 08 24	704	LINEAR	(28969)	2001 HM ₅₇	2001 04 25	699	LONEOS
(28918)	2000 QF ₂₁	2000 08 24	704	LINEAR	(28970)	2001 JJ ₄	2001 05 15	608	JPL/GEODSS NEAT
(28919)	2000 QP ₂₇	2000 08 24	704	LINEAR	(28971)	2001 KM ₂₈	2001 05 18	704	LINEAR
(28920)	2000 QC ₉₁	2000 08 25	704	LINEAR	(28972)	2001 KV ₃₈	2001 05 22	704	LINEAR
(28921)	2000 QZ ₁₂₂	2000 08 25	704	LINEAR	(28973)	2001 KN ₄₂	2001 05 21	704	LINEAR
(28922)	2000 QK ₁₃₂	2000 08 26	704	LINEAR	(28974)	2001 KW ₅₉	2001 05 26	704	LINEAR
(28923)	2000 QJ ₁₆₁	2000 08 31	704	LINEAR	(28975)	2001 KR ₆₉	2001 05 22	699	LONEOS
(28924)	2000 QD ₂₀₅	2000 08 31	704	LINEAR	(28976)	2001 KN ₇₃	2001 05 24	699	LONEOS
(28925)	2000 QY ₂₀₅	2000 08 31	704	LINEAR	(28977)	2001 KP ₇₃	2001 05 24	704	LINEAR
(28926)	2000 QE ₂₃₁	2000 08 20	699	LONEOS	(28978)	2001 KX ₇₆	2001 05 22	807	Buie, M. W.
(28927)	2000 RA ₆	2000 09 01	704	LINEAR	(28979)	2001 LW	2001 06 13	704	LINEAR
(28928)	2000 RY ₁₂	2000 09 01	704	LINEAR	(28980)	2001 LS ₁	2001 06 15	919	Yeung, W. K.
(28929)	2000 RU ₁₃	2000 09 01	704	LINEAR	(28981)	2001 LY ₃	2001 06 13	704	LINEAR
(28930)	2000 RA ₃₁	2000 09 01	704	LINEAR	(28982)	2001 LJ ₁₇	2001 06 15	704	LINEAR
(28931)	2000 RU ₅₄	2000 09 03	704	LINEAR	(28983)	2001 LK ₁₉	2001 06 15	704	LINEAR
(28932)	2000 RY ₁₀₂	2000 09 05	699	LONEOS	(28984)	2001 MS ₂	2001 06 16	644	JPL/GEODSS NEAT
(28933)	2000 SZ ₂₂	2000 09 25	120	Korlević, K.	(28985)	2001 MP ₅	2001 06 17	644	JPL/GEODSS NEAT
(28934)	2000 SB ₁₁₃	2000 09 24	704	LINEAR	(28986)	2001 MG ₁₃	2001 06 23	644	JPL/GEODSS NEAT

(28987)	2001 MP ₁₄	2001 06 28	699	LONEOS
(28988)	2001 MS ₂₃	2001 06 27	608	JPL/GEODSS NEAT
(28989)	2001 MZ ₂₄	2001 06 16	699	LONEOS
(28990)	2001 ML ₂₇	2001 06 20	699	LONEOS
(28991)	2001 MU ₂₇	2001 06 21	704	LINEAR
(28992)	2001 MW ₂₈	2001 06 27	699	LONEOS
(28993)	2001 NA ₆	2001 07 13	608	JPL/GEODSS NEAT
(28994)	2001 OO ₈	2001 07 17	699	LONEOS
(28995)	2001 OF ₄₆	2001 07 16	699	LONEOS
(28996)	2001 OL ₅₁	2001 07 21	644	JPL/GEODSS NEAT
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(28998)	2184 P-L	1960 09 24	675	van Houten & Gehrels
(28999)	2505 P-L	1960 09 24	675	van Houten & Gehrels
(29000)	2607 P-L	1960 09 24	675	van Houten & Gehrels
(29001)	2615 P-L	1960 09 24	675	van Houten & Gehrels
(29002)	2708 P-L	1960 09 24	675	van Houten & Gehrels
(29003)	2760 P-L	1960 09 24	675	van Houten & Gehrels
(29004)	2767 P-L	1960 09 24	675	van Houten & Gehrels
(29005)	2784 P-L	1960 09 24	675	van Houten & Gehrels
(29006)	3091 P-L	1960 09 24	675	van Houten & Gehrels
(29007)	4022 P-L	1960 09 24	675	van Houten & Gehrels
(29008)	4044 P-L	1960 09 24	675	van Houten & Gehrels
(29009)	4074 P-L	1960 09 24	675	van Houten & Gehrels
(29010)	4100 P-L	1960 09 24	675	van Houten & Gehrels
(29011)	4184 P-L	1960 09 24	675	van Houten & Gehrels
(29012)	4285 P-L	1960 09 24	675	van Houten & Gehrels
(29013)	4291 P-L	1960 09 24	675	van Houten & Gehrels
(29014)	4536 P-L	1960 09 24	675	van Houten & Gehrels
(29015)	4544 P-L	1960 09 24	675	van Houten & Gehrels
(29016)	4591 P-L	1960 09 24	675	van Houten & Gehrels
(29017)	4601 P-L	1960 09 24	675	van Houten & Gehrels
(29018)	6062 P-L	1960 09 24	675	van Houten & Gehrels
(29019)	6095 P-L	1960 09 24	675	van Houten & Gehrels
(29020)	6274 P-L	1960 09 24	675	van Houten & Gehrels
(29021)	6613 P-L	1960 09 24	675	van Houten & Gehrels
(29022)	6630 P-L	1960 09 24	675	van Houten & Gehrels
(29023)	6667 P-L	1960 09 24	675	van Houten & Gehrels
(29024)	6685 P-L	1960 09 24	675	van Houten & Gehrels
(29025)	6710 P-L	1960 09 24	675	van Houten & Gehrels
(29026)	6774 P-L	1960 09 24	675	van Houten & Gehrels
(29027)	7587 P-L	1960 10 17	675	van Houten & Gehrels
(29028)	9097 P-L	1960 10 17	675	van Houten & Gehrels
(29029)	9549 P-L	1960 10 17	675	van Houten & Gehrels
(29030)	1034 T-1	1971 03 25	675	van Houten & Gehrels
(29031)	1132 T-1	1971 03 25	675	van Houten & Gehrels
(29032)	2059 T-1	1971 03 25	675	van Houten & Gehrels
(29033)	2085 T-1	1971 03 25	675	van Houten & Gehrels
(29034)	2149 T-1	1971 03 25	675	van Houten & Gehrels
(29035)	2214 T-1	1971 03 25	675	van Houten & Gehrels
(29036)	3075 T-1	1971 03 26	675	van Houten & Gehrels
(29037)	3165 T-1	1971 03 26	675	van Houten & Gehrels
(29038)	4030 T-1	1971 03 26	675	van Houten & Gehrels

(29039)	4514 T-1	1971 05 13	675	van Houten & Gehrels
(29040)	1002 T-2	1973 09 29	675	van Houten & Gehrels
(29041)	1050 T-2	1973 09 29	675	van Houten & Gehrels
(29042)	1426 T-2	1973 09 29	675	van Houten & Gehrels
(29043)	2024 T-2	1973 09 29	675	van Houten & Gehrels
(29044)	2154 T-2	1973 09 29	675	van Houten & Gehrels
(29045)	2255 T-2	1973 09 29	675	van Houten & Gehrels
(29046)	2268 T-2	1973 09 29	675	van Houten & Gehrels
(29047)	2278 T-2	1973 09 29	675	van Houten & Gehrels
(29048)	3069 T-2	1973 09 30	675	van Houten & Gehrels
(29049)	3083 T-2	1973 09 30	675	van Houten & Gehrels
(29050)	3333 T-2	1973 09 25	675	van Houten & Gehrels
(29051)	4212 T-2	1973 09 29	675	van Houten & Gehrels
(29052)	4258 T-2	1973 09 29	675	van Houten & Gehrels
(29053)	4466 T-2	1973 09 30	675	van Houten & Gehrels
(29054)	5097 T-2	1973 09 25	675	van Houten & Gehrels
(29055)	5118 T-2	1973 09 25	675	van Houten & Gehrels
(29056)	1055 T-3	1977 10 17	675	van Houten & Gehrels
(29057)	1083 T-3	1977 10 17	675	van Houten & Gehrels
(29058)	2077 T-3	1977 10 16	675	van Houten & Gehrels
(29059)	2151 T-3	1977 10 16	675	van Houten & Gehrels
(29060)	2157 T-3	1977 10 16	675	van Houten & Gehrels
(29061)	2193 T-3	1977 10 16	675	van Houten & Gehrels
(29062)	2324 T-3	1977 10 16	675	van Houten & Gehrels
(29063)	2369 T-3	1977 10 16	675	van Houten & Gehrels
(29064)	3129 T-3	1977 10 16	675	van Houten & Gehrels
(29065)	3447 T-3	1977 10 16	675	van Houten & Gehrels
(29066)	3527 T-3	1977 10 16	675	van Houten & Gehrels
(29067)	3856 T-3	1977 10 16	675	van Houten & Gehrels
(29068)	4234 T-3	1977 10 16	675	van Houten & Gehrels
(29069)	4310 T-3	1977 10 16	675	van Houten & Gehrels
(29070)	4316 T-3	1977 10 16	675	van Houten & Gehrels
(29071)	5048 T-3	1977 10 16	675	van Houten & Gehrels
(29072)	5089 T-3	1977 10 16	675	van Houten & Gehrels
(29073)	5130 T-3	1977 10 16	675	van Houten & Gehrels
(29074)	5160 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 (2001 Oct. 18.0 TT):

Object	<i>H</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	<i>a</i>	<i>MPO</i>
(27655)	13.7	11.57945	82.83203	278.96271	15.81885	0.2617003	2.5583252	15127
(27656)	12.6	114.56764	234.26218	0.72285	10.20459	0.0621600	3.0221261	15127
(27657)	15.0	354.19126	212.34934	139.77704	23.43696	0.2916900	2.2549664	15127
(27658)	13.7	22.72286	319.15116	11.63041	9.39490	0.2980885	2.7641204	15128
(27659)	14.3	8.77967	33.03415	334.17441	2.69814	0.1956831	2.4487445	15128
(27660)	12.9	308.50603	339.54610	88.44250	9.32561	0.2094429	2.7931938	15128
(27661)	13.9	85.76750	48.09087	207.33907	5.28596	0.1372722	2.4686124	15128
(27662)	14.7	4.31380	199.56206	201.84337	1.64890	0.1741797	2.4361183	15129
(27663)	14.7	269.02363	230.10185	183.60213	1.80667	0.0561425	2.8691307	15129
(27664)	14.4	51.69610	226.76017	69.54205	6.81019	0.1694745	2.2411245	15129
(27665)	14.1	209.55330	259.43509	238.60534	4.56612	0.1390789	2.8579265	15129
(27666)	15.0	343.64461	132.06179	270.28772	1.65676	0.1888515	2.4676707	15130

(27667)	12.6	177.29252	55.64236	132.93201	11.34178	0.0500862	3.0057943	15130	(27719)	12.9	274.77040	336.17662	103.35393	3.56428	0.0532140	3.4016426	15144
(27668)	14.0	342.31006	270.99329	120.34294	15.17679	0.2087398	2.6547340	15130	(27720)	14.5	284.82226	220.79427	199.57121	12.58251	0.1451324	2.6169728	15144
(27669)	12.5	250.96678	203.19460	260.26287	8.91318	0.0371925	3.0628439	15130	(27721)	13.6	294.49127	8.29039	67.09376	15.06745	0.1338059	2.5997568	15144
(27670)	16.4	37.98777	140.06225	169.44846	2.76986	0.1687723	2.3616703	15131	(27722)	13.2	31.70743	358.25746	349.78726	11.67474	0.3349327	3.0336047	15144
(27671)	16.0	57.06467	106.37111	180.66412	2.75734	0.0792192	2.6574007	15131	(27723)	12.6	343.76269	335.12022	26.42138	19.93803	0.2063447	3.1023361	15145
(27672)	15.2	263.17221	95.71195	349.33258	7.31539	0.1753171	2.4769803	15131	(27724)	14.5	91.33266	60.76866	238.64870	3.15553	0.1854514	2.3119506	15145
(27673)	14.6	14.144078	75.63618	275.71441	2.50972	0.2362014	2.6125126	15131	(27725)	13.7	265.04052	319.41622	150.82927	7.25432	0.0654078	2.3533979	15145
(27674)	15.0	274.61810	201.16971	233.91295	7.71597	0.2136693	2.3462130	15131	(27726)	13.6	14.89166	225.05077	127.90913	2.93059	0.2351966	3.0688916	15146
(27675)	13.7	259.14072	186.41423	316.38180	24.67576	0.1901932	2.3521790	15132	(27727)	14.4	72.10268	278.64243	2.97076	6.16623	0.1071613	2.3662089	15146
(27676)	14.1	359.19276	89.09389	229.60571	9.58355	0.2151959	2.4658304	15132	(27728)	13.4	329.99332	202.44879	150.68011	6.04506	0.1450584	3.1988244	15146
(27677)	15.2	14.15257	70.58756	254.00866	5.58662	0.0777982	2.4305583	15132	(27729)	14.5	70.46567	147.74368	138.75091	7.11606	0.1184873	2.3560584	15146
(27678)	14.2	244.51024	237.80460	234.02419	7.90857	0.0976956	2.7459436	15132	(27730)	12.4	54.32987	293.45158	352.48392	15.73673	0.0910279	3.1193581	15147
(27679)	14.1	293.04271	168.03317	257.10339	8.67608	0.1560566	2.7391728	15133	(27731)	15.8	355.38340	126.92285	249.84489	1.20691	0.2161042	2.3774432	15147
(27680)	14.4	350.55556	190.38240	235.68863	3.56407	0.2233645	2.6619935	15133	(27732)	14.5	332.37463	309.94264	78.35747	2.28799	0.1919964	3.1237928	15147
(27681)	14.5	326.57826	115.97148	281.06268	3.99636	0.0590685	2.7443642	15133	(27733)	14.2	27.38389	275.70283	38.56967	1.27366	0.1452065	3.1257250	15148
(27682)	15.9	120.30891	244.97369	319.04859	3.75993	0.0652587	2.1818216	15134	(27734)	15.9	350.57716	353.08709	7.29195	2.53146	0.1881991	2.3931242	15148
(27683)	14.8	286.93214	75.36680	7.74986	4.88516	0.2002144	2.3805076	15134	(27735)	13.0	97.60431	89.04746	166.97538	14.52776	0.0783144	3.1347649	15148
(27684)	14.6	73.04553	89.84405	165.61302	7.73257	0.0908525	2.7985137	15134	(27736)	12.5	293.61252	80.06180	23.18053	11.29708	0.3316923	3.1414981	15149
(27685)	14.2	336.32871	212.60027	181.46485	12.10370	0.1916945	2.7245565	15134	(27737)	14.5	256.38415	353.63635	100.25583	3.27432	0.1683168	2.4318980	15149
(27686)	13.8	312.32578	99.98304	354.76858	13.01459	0.1638882	2.6791054	15135	(27738)	13.1	343.96190	235.28151	163.43682	10.82671	0.2261773	3.1486189	15149
(27687)	13.9	351.76967	42.84345	3.35729	9.95869	0.2100548	3.1481677	15135	(27739)	14.4	341.47340	300.89884	86.33235	7.10649	0.1143548	2.3974803	15149
(27688)	14.7	56.56086	85.80559	254.51738	2.30753	0.0918020	2.7765107	15135	(27740)	13.7	38.53232	301.25578	9.06912	10.29388	0.2154229	2.3951519	15150
(27689)	15.1	55.18820	124.27533	171.46164	4.95214	0.2171327	2.4375532	15135	(27741)	13.2	84.05377	192.60337	63.67844	11.13742	0.1239225	2.4449857	15150
(27690)	14.5	327.14705	241.66268	189.45308	3.04185	0.0932444	2.7026063	15136	(27742)	14.5	318.12722	217.47933	170.39507	5.51285	0.1874149	2.4479028	15150
(27691)	14.3	329.43695	202.62967	194.36816	8.44520	0.2079810	2.7255526	15136	(27743)	12.8	343.15677	277.87845	115.30056	8.72125	0.1637688	3.1657059	15151
(27692)	14.2	349.69014	30.55188	326.27384	6.73119	0.1740133	2.7708989	15136	(27744)	15.1	339.44900	235.57839	145.02692	6.87748	0.1117944	2.4488469	15151
(27693)	15.0	310.88597	210.92311	193.76045	7.23943	0.0866194	2.4086569	15136	(27745)	15.2	8.60778	209.30436	177.85225	6.47291	0.1072881	2.3857187	15151
(27694)	15.2	108.22301	78.33553	161.57762	7.65786	0.0221180	2.7652572	15137	(27746)	14.9	331.34949	223.87711	153.89817	2.97088	0.1779226	2.4517767	15151
(27695)	15.1	343.34660	58.59576	286.29592	5.40193	0.0601240	2.7936377	15137	(27747)	12.8	340.38025	229.21097	202.34642	12.72448	0.2402157	3.1439901	15152
(27696)	14.3	292.37416	277.35039	147.22291	1.84902	0.2011429	3.2153901	15137	(27748)	13.5	320.88400	339.30441	106.02965	5.52037	0.1884009	2.4360040	15152
(27697)	14.8	45.72429	1.59387	331.37254	10.70525	0.0998394	2.7424521	15138	(27749)	14.1	217.12166	89.59655	28.78565	3.57234	0.1689693	2.5894191	15152
(27698)	15.3	42.09506	303.83175	0.32557	7.01256	0.2269040	2.1792181	15138	(27750)	14.2	323.67277	79.87255	13.76180	8.04150	0.1281836	2.4841722	15153
(27699)	15.5	220.49455	115.53431	95.81886	3.89935	0.1549275	2.3002938	15138	(27751)	14.4	97.73455	218.11415	1.03671	4.60118	0.1296470	2.7108737	15153
(27700)	14.0	11.08331	176.55008	202.44443	5.82097	0.2199754	2.1588149	15138	(27752)	14.3	48.10672	287.77206	3.36326	3.16874	0.1394210	2.7356660	15153
(27701)	15.9	196.63946	85.25915	290.22462	1.11896	0.1477774	2.1816393	15139	(27753)	14.5	74.32793	295.70493	312.42431	4.62200	0.1215950	2.2339168	15154
(27702)	13.7	284.16887	359.07540	319.84196	7.78489	0.2182420	2.7604137	15139	(27754)	13.4	337.95611	103.40012	328.33941	6.83284	0.2140317	2.7787898	15154
(27703)	13.9	276.74035	162.23989	302.39694	4.52765	0.1059308	2.2745885	15139	(27755)	14.3	74.05352	135.01227	141.61726	6.34458	0.1988477	2.2075673	15154
(27704)	13.1	297.48786	188.44717	262.40285	21.11447	0.0353600	2.6644677	15139	(27756)	15.6	24.57462	319.67091	354.72146	4.19532	0.1963582	2.2309888	15155
(27705)	13.4	304.24126	86.71921	345.23132	3.25541	0.1015011	2.7582998	15140	(27757)	13.7	43.03279	290.58330	345.33282	5.66172	0.2135010	2.2490776	15155
(27706)	13.4	343.46717	92.48760	250.32712	11.01275	0.2012360	3.1357449	15140	(27758)	14.0	276.82372	73.28142	353.72387	8.68248	0.0896484	3.0309214	15155
(27707)	15.2	16.17829	210.60211	120.41442	3.64206	0.1849835	2.4151794	15140	(27759)	12.9	34.82662	268.44483	32.29480	10.37235	0.0882412	3.0008214	15156
(27708)	13.0	188.72128	293.59991	234.18751	21.08653	0.2793746	2.4021952	15141	(27760)	14.8	358.55227	4.71984	4.96425	4.47033	0.1884859	2.2375609	15156
(27709)	12.8	272.11940	173.67677	286.22879	9.36727	0.0714729	2.9969418	15141	(27761)	15.2	45.63139	31.36705	294.11820	2.39615	0.1751206	2.2128327	15156
(27710)	15.9	1.22564	216.03736	140.63512	3.43638	0.1918547	2.1998974	15141	(27762)	15.5	9.75695	216.85735	154.55054	4.73837	0.1997690	2.2175165	15157
(27711)	14.4	293.22348	120.01646	227.01320	23.46628	0.2346605	2.2926848	15141	(27763)	15.0	22.23869	290.65312	11.17036	4.95941	0.2078438	2.2595496	15157
(27712)	15.1	36.94447	234.02362	125.05030	3.06069	0.1831671	2.1855435	15142	(27764)	13.6	158.09108	187.36895	22.94250	2.06425	0.0650653	2.9115699	15157
(27713)	14.4	234.35934	249.35576	264.65408	18.12134	0.0834501	1.9311616	15142	(27765)	14.6	315.60203	8.94346	12.89065	7.67903	0.1269180	2.2833758	15157
(27714)	14.0	261.16261	171.62883	329.31777	4.65636	0.0927604	2.2579751	15142	(27766)	15.3	349.40234	246.23795	122.05958	5.13827	0.1143209	2.2572026	15158
(27715)	14.3	145.82060	311.13716	262.36612	8.53080	0.1646133	2.3307029	15142	(27767)	13.0	16.33043	133.10072	166.58822	14.03185	0.1073815	3.0677167	15158
(27716)	13.7	235.86567	359.82646	124.05549	6.04533	0.2426211	2.8564830	15143	(27768)	15.0	283.10447	41.51117	32.21521	6.92228	0.1724754	2.2990535	15158
(27717)	15.1	146.15465	311.94400	243.14967	6.50096	0.0463984	2.3373379	15143	(27769)	13.6	338.49133	326.24059	51.47590	8.93942	0.1909787	3.0151864	15159
(27718)	14.6	169.69404	301.62767	216.77243	7.75026	0.1272436	2.3913806	15143	(27770)	14.4	15.46560	352.37534	6.34612	3.63017	0.1199015	2.2518600	15159

(27771)	14.0	32.90101	59.75735	268.49429	6.64222	0.1049796	2.2855190	15159	(27823)	15.8	3.98276	220.85153	143.39169	4.49871	0.2213041	2.5514447	15174
(27772)	14.2	357.17713	278.98483	118.74695	7.94711	0.1375157	2.9508114	15160	(27824)	15.3	17.18184	199.68177	133.27447	5.68081	0.2176311	2.5732431	15175
(27773)	15.4	50.29233	178.98094	145.25107	1.53120	0.1402715	2.2412582	15160	(27825)	13.6	287.60713	37.00196	29.57482	13.44667	0.1489441	2.6488227	15175
(27774)	14.9	334.15727	87.46242	327.87765	3.26901	0.1678035	2.2764045	15160	(27826)	13.5	349.87854	359.90404	47.56997	5.06066	0.2235614	2.5530037	15175
(27775)	13.8	245.95722	214.85295	276.36448	6.51160	0.0595550	2.3474277	15160	(27827)	13.2	272.08652	334.62113	81.24885	6.97999	0.1069239	2.7541540	15175
(27776)	14.6	305.96341	94.15872	325.63208	21.03804	0.0865628	1.9185930	15161	(27828)	13.3	269.01536	180.16884	293.92746	6.10499	0.1159090	2.7074043	15176
(27777)	15.4	188.45820	4.45918	137.96584	2.66202	0.1220443	2.4674376	15161	(27829)	13.3	245.81687	212.73492	257.00677	6.87066	0.1864784	2.8010797	15176
(27778)	14.1	263.13131	350.33153	111.83065	3.49357	0.1509480	2.3915103	15161	(27830)	13.1	348.18306	325.82607	23.43774	10.92464	0.1077434	2.9786532	15176
(27779)	14.8	148.02144	146.07719	67.83245	2.99033	0.0915229	2.4376193	15162	(27831)	13.2	330.98815	275.83294	160.19174	12.85738	0.1649861	2.6507451	15177
(27780)	14.7	134.52586	201.41665	357.57335	9.46359	0.1273063	2.4752398	15162	(27832)	17.4	36.68471	60.19262	246.68067	0.26291	0.1979124	2.1316600	15177
(27781)	14.8	44.29119	292.46467	113.81798	5.29148	0.1734254	2.2401090	15162	(27833)	16.7	21.18626	143.45642	172.59807	2.56713	0.1655396	2.3174228	15177
(27782)	14.7	356.84535	226.56585	124.37938	7.14308	0.1873737	2.4302422	15163	(27834)	14.2	226.54621	146.22757	329.41226	6.64833	0.0608807	2.3352286	15177
(27783)	13.9	144.70259	145.71315	33.39080	9.97983	0.0357330	2.5629746	15163	(27835)	13.6	214.99764	258.79373	329.66505	15.23874	0.0621390	3.1007286	15178
(27784)	13.6	8.78331	6.87752	330.51064	27.15231	0.2030121	2.7427687	15163	(27836)	14.9	304.04722	99.28318	331.64732	5.37505	0.1119043	2.2849541	15178
(27785)	14.7	19.83976	10.03942	318.57675	3.06409	0.2216806	2.6983993	15164	(27837)	14.6	33.95861	336.19699	321.80016	4.23825	0.1316287	2.3297163	15178
(27786)	13.5	354.48483	69.63273	312.70249	11.45512	0.1832617	2.6669700	15164	(27838)	15.1	189.67835	184.21352	335.92058	5.92830	0.1131667	2.3160148	15179
(27787)	13.4	348.37537	276.75860	96.69360	8.69980	0.2398492	2.7956815	15164	(27839)	15.3	48.30726	286.44772	341.02898	1.75934	0.1048260	2.3647684	15179
(27788)	12.5	186.03135	189.28165	303.86071	21.44234	0.0694870	3.1710901	15164	(27840)	16.1	63.45272	135.95392	117.67626	2.86514	0.1840199	2.3283723	15179
(27789)	12.2	223.64637	340.17703	152.37633	10.37219	0.0506933	3.0695970	15165	(27841)	15.8	347.49502	171.98992	188.43700	3.20854	0.1688270	2.3201119	15179
(27790)	12.8	223.77193	342.17600	128.82107	10.27213	0.0509002	3.1731787	15165	(27842)	14.1	330.70406	237.00593	127.53049	24.86830	0.2279814	2.3521223	15180
(27791)	13.8	258.70697	130.82831	18.20621	4.74315	0.0567352	2.1874247	15165	(27843)	15.2	250.76536	322.75403	161.29354	4.59069	0.1135310	2.3187934	15180
(27792)	12.7	2.02938	34.60514	326.92374	8.90762	0.0959143	3.0204664	15165	(27844)	14.1	340.99844	11.98104	47.66521	5.52341	0.1266327	2.2860954	15180
(27793)	13.7	109.91708	179.46242	38.89993	7.26818	0.0591928	2.3364694	15166	(27845)	15.6	305.31895	21.13254	37.59320	3.37314	0.1571731	2.3720105	15180
(27794)	15.6	198.77231	103.55894	25.47929	4.56388	0.0779844	2.3239593	15166	(27846)	16.3	359.78576	323.70551	33.13594	2.82349	0.2141164	2.3479377	15181
(27795)	14.9	104.74782	183.73177	51.06926	4.72929	0.1008394	2.3339276	15166	(27847)	14.9	346.70952	123.69453	267.72691	4.61466	0.1370182	2.3281715	15181
(27796)	14.0	20.40695	272.31188	43.36083	7.04760	0.1263236	2.3435129	15167	(27848)	14.7	324.61011	52.27952	342.94098	1.94327	0.2095489	2.3770065	15181
(27797)	15.0	232.38433	350.66932	123.55868	6.07704	0.12111086	2.2864573	15167	(27849)	14.6	69.62922	279.75897	37.29034	5.02463	0.2019382	2.2550993	15182
(27798)	14.1	215.52349	221.25178	163.63085	13.15867	0.1200309	2.5156217	15167	(27850)	14.9	3.17600	332.22452	37.58089	5.91011	0.2414481	2.3360083	15182
(27799)	15.0	344.48648	180.37219	210.43903	6.09978	0.0926174	2.2633059	15168	(27851)	13.3	321.35376	228.98721	222.32455	22.48659	0.2063594	2.3101010	15182
(27800)	14.7	332.10181	51.45566	341.66107	4.67023	0.0893814	2.2670705	15168	(27852)	14.6	221.15003	229.24291	261.14676	9.43147	0.0934372	2.4800401	15182
(27801)	15.3	230.93796	222.54191	251.89210	2.87114	0.1204638	2.2883424	15168	(27853)	14.7	355.18723	67.77908	333.44868	1.78612	0.2100436	2.3577416	15183
(27802)	12.7	295.35063	251.90572	177.21876	16.45511	0.2313709	3.1245935	15169	(27854)	14.6	241.98057	10.47470	105.01022	8.94072	0.1143166	2.5387351	15183
(27803)	13.1	284.86243	323.75301	104.74682	2.37734	0.1535128	3.2102227	15169	(27855)	15.0	240.35051	47.90693	71.09208	4.80394	0.0801865	2.5459407	15183
(27804)	15.0	332.19294	348.02442	25.88616	7.01458	0.1515168	2.3050439	15169	(27856)	14.4	238.67127	7.55234	93.27728	9.74800	0.1453641	2.5541086	15183
(27805)	14.0	233.90377	315.07216	170.11813	5.70602	0.0509666	2.2778363	15169	(27857)	13.7	109.10955	99.62545	115.40450	10.30397	0.1658436	2.7379537	15184
(27806)	15.3	214.83909	288.94351	180.33290	5.22608	0.0919035	2.3245196	15170	(27858)	15.0	344.26350	320.97599	88.29833	4.99335	0.1807963	2.4066317	15184
(27807)	13.5	326.05997	78.40374	5.98042	6.61800	0.2416050	2.9364416	15170	(27859)	14.2	203.72000	165.63628	313.49134	11.44127	0.0867093	2.6430590	15185
(27808)	14.7	104.77733	115.66958	125.67133	4.99025	0.1196494	2.3275034	15170	(27860)	13.2	187.79528	186.08964	317.73121	11.53029	0.0971214	2.6189512	15185
(27809)	13.8	174.75778	199.67447	29.71798	8.22886	0.1144694	2.2461856	15170	(27861)	13.1	271.98999	121.51728	313.89965	12.23291	0.1703844	2.5769369	15185
(27810)	13.9	136.60388	224.85809	334.69190	18.40329	0.0543994	1.9341831	15171	(27862)	15.3	355.30344	241.05826	116.29122	2.98516	0.1014093	2.5215656	15185
(27811)	14.2	295.80386	332.69511	111.86952	3.39349	0.1294812	2.4132384	15171	(27863)	15.6	22.93019	326.09443	14.10837	1.54287	0.1395530	2.6418350	15186
(27812)	14.1	85.40592	36.54419	229.78840	1.36952	0.1674857	2.4281014	15171	(27864)	13.3	85.03154	275.76252	349.42037	9.40815	0.1425652	2.7567461	15186
(27813)	14.5	316.85066	166.41470	226.19726	3.94770	0.1896432	2.5382488	15172	(27865)	13.8	64.28947	44.95222	267.30292	13.24213	0.1143097	2.7324458	15186
(27814)	15.9	333.38156	37.02143	3.98801	7.48972	0.3468233	2.5681468	15172	(27866)	14.7	130.83911	185.54654	25.27936	4.81536	0.0444084	2.7276242	15186
(27815)	14.0	18.42614	107.21912	199.11464	10.97241	0.2847469	2.5764858	15172	(27867)	12.9	320.73731	220.23639	222.08063	11.57483	0.1282789	2.6165587	15187
(27816)	14.3	331.99040	296.63412	82.16814	3.20044	0.1997520	2.6110805	15173	(27868)	14.6	21.27400	129.88951	172.31750	8.86964	0.0673811	3.0369635	15187
(27817)	15.0	283.43396	34.49262	31.03825	3.49448	0.0728760	2.6102325	15173	(27869)	15.8	318.94479	62.99170	179.90122	1.07819	0.1497604	2.3844457	15187
(27818)	14.6	259.57106	289.61914	63.76107	3.17532	0.0754247	2.8648481	15173	(27870)	15.3	3.13050	337.73316	283.58015	3.19019	0.1674876	2.3760622	15187
(27819)	14.7	344.88482	243.52977	144.48498	3.98433	0.2017684	2.5483162	15173	(27871)	15.7	80.28922	198.01031	55.81881	4.85462	0.1652406	2.2178910	15188
(27820)	14.0	133.92154	21.30565	179.51118	7.97062	0.0443822	2.6519139	15174	(27872)	14.9	221.46935	49.03988	69.67450	3.89470	0.0632554	2.2675509	15188
(27821)	14.6	99.42982	314.21476	51.79794	1.22406	0.0600087	3.4751745	15174	(27873)	15.2	212.39091	350.95517	119.13292	2.82115	0.1626328	2.3537042	15188
(27822)	14.0	338.63856	209.85571	192.48454	14.24263	0.1814118	2.5408260	15174	(27874)	15.7	243.46854	182.08835	272.40926	6.59904	0.1284995	2.3108497	15188

(27875)	14.9	145.82542	25.37597	155.49948	4.87115	0.1324122	2.4255974	15189	(27927)	15.6	16.73730	311.33731	4.98123	7.07127	0.2188671	2.2486731	15203
(27876)	15.3	34.11305	299.85247	15.92261	6.51633	0.1169523	2.3220121	15189	(27928)	15.2	121.46171	6.49858	147.83780	6.48814	0.0378196	2.2656818	15203
(27877)	15.3	326.82965	286.78998	88.21644	4.61608	0.0969180	2.3566908	15189	(27929)	14.6	108.65135	51.32445	127.16791	7.14541	0.0924894	2.3454080	15203
(27878)	14.7	269.24026	93.25434	352.49201	5.70088	0.1510191	2.3165837	15189	(27930)	15.4	207.42574	190.76684	212.23490	6.81383	0.0465402	2.5651160	15204
(27879)	14.2	173.34748	194.36394	20.51605	5.75426	0.0883901	2.3230080	15190	(27931)	15.5	20.69709	245.36026	72.71262	3.71108	0.2132127	2.3221809	15204
(27880)	14.9	192.48415	354.39567	175.25199	6.02566	0.0778943	2.3777505	15190	(27932)	15.8	103.88491	186.81726	27.24519	5.50028	0.1240841	2.3070580	15204
(27881)	14.7	85.27460	228.53286	13.00183	1.94035	0.0638341	2.5205364	15190	(27933)	15.4	68.50870	23.68624	228.81969	3.02339	0.2025056	2.3054761	15204
(27882)	14.3	209.54556	105.57233	30.54214	2.48088	0.1289018	2.3999071	15191	(27934)	15.1	54.16187	239.06063	35.32033	4.61510	0.2298850	2.3437344	15205
(27883)	13.7	52.09015	267.50444	358.81647	12.22977	0.1614449	2.5906166	15191	(27935)	15.4	293.36675	301.01619	119.19249	4.18847	0.1493794	2.2169620	15205
(27884)	14.3	349.44047	196.14289	179.63909	6.91733	0.1193285	2.3641525	15192	(27936)	15.2	292.44265	35.06334	201.32270	1.23877	0.0935096	3.0336578	15205
(27885)	14.7	277.22547	275.70888	175.12240	9.98340	0.1770438	2.3189663	15192	(27937)	14.4	60.51256	206.66205	81.08108	3.37439	0.2157139	2.2916064	15205
(27886)	15.1	10.34803	106.65953	256.13726	4.87803	0.2126513	2.2985354	15192	(27938)	13.1	64.55080	27.55892	64.44192	17.89711	0.1790067	3.0545957	15206
(27887)	13.9	168.86202	48.94651	182.06593	6.71575	0.0746943	2.3494007	15192	(27939)	15.0	8.33441	134.48199	208.57515	5.96139	0.1528454	2.3041664	15206
(27888)	14.7	351.69011	305.79815	67.00780	4.48182	0.2225154	2.4247547	15193	(27940)	15.0	15.03638	5.01141	310.05980	1.33726	0.2059342	2.5783160	15206
(27889)	14.4	15.83020	347.78966	27.66374	6.38933	0.1495555	2.3992494	15193	(27941)	14.7	35.11674	26.86633	152.22563	9.77262	0.0834857	2.8018768	15207
(27890)	13.9	121.98860	307.52305	213.76461	4.59923	0.0131953	2.7620803	15193	(27942)	15.6	60.92246	115.44481	153.08752	3.06380	0.1978341	2.3425232	15207
(27891)	13.8	132.01413	122.61400	63.03023	12.45005	0.1301997	2.6403378	15193	(27943)	15.7	30.10485	153.90940	149.94510	2.81539	0.0768289	2.3228084	15207
(27892)	14.4	240.43520	18.26339	102.53883	2.19614	0.1186848	2.4642611	15194	(27944)	14.4	40.61714	282.17127	69.26562	5.17015	0.1740604	2.2663744	15208
(27893)	14.0	28.90978	231.76049	81.32673	4.58464	0.2160576	2.6694749	15194	(27945)	14.5	293.05601	192.59514	232.36675	1.63709	0.1885739	2.3724807	15208
(27894)	14.4	262.39673	242.76927	196.54598	12.56061	0.1522506	2.5523382	15195	(27946)	15.7	28.76337	122.90751	220.98794	5.68547	0.1789461	2.2472727	15208
(27895)	14.1	0.95525	177.48903	189.96028	14.38940	0.1022514	2.5902728	15195	(27947)	15.0	21.42325	210.18661	110.32917	22.04039	0.0531512	2.4277006	15209
(27896)	14.3	4.07002	175.02071	141.84906	11.39472	0.0896146	2.9688991	15195	(27948)	15.0	72.91318	115.77563	161.12887	2.27581	0.1801004	2.3966215	15209
(27897)	13.2	316.71320	74.48086	307.57773	7.93973	0.1095245	2.9630632	15195	(27949)	15.4	302.78153	206.44499	199.39662	9.92456	0.1328844	2.3091792	15209
(27898)	14.4	17.77464	313.80247	33.93141	2.46505	0.0911777	2.7295499	15196	(27950)	15.6	17.11196	67.83851	295.11712	1.59017	0.2100101	2.4017898	15209
(27899)	14.2	345.75333	310.43906	50.59993	2.60875	0.0809236	2.9177543	15196	(27951)	15.6	56.80961	121.10368	188.47316	1.92801	0.2016100	2.3821524	15210
(27900)	13.7	344.86946	36.80549	355.35822	16.69738	0.0900971	2.9341385	15196	(27952)	14.3	318.76225	130.78453	295.21667	5.78123	0.0843767	2.3773383	15210
(27901)	14.1	287.77692	251.90324	159.63732	4.26973	0.0755197	3.0904497	15196	(27953)	15.2	49.61730	146.39670	177.27910	2.23990	0.2052758	2.4057484	15210
(27902)	14.0	313.32467	85.96437	326.04981	8.56403	0.1435742	2.9824840	15197	(27954)	14.2	0.98342	358.61656	353.42507	15.35565	0.1406506	2.5396479	15211
(27903)	13.6	130.47738	177.89618	359.74563	7.94625	0.1144668	3.1653370	15197	(27955)	14.7	8.38916	52.48618	329.64168	6.87166	0.2102594	2.3986691	15211
(27904)	14.7	10.36939	318.37067	24.93490	1.51439	0.1926537	3.0320089	15197	(27956)	13.9	233.89730	52.24845	63.32555	3.01315	0.0286186	2.8546374	15211
(27905)	13.8	325.85471	172.57410	198.44366	6.15858	0.0573987	3.1828022	15197	(27957)	13.8	39.96703	296.21503	36.72106	5.40297	0.1868464	2.4816416	15212
(27906)	14.2	30.81715	287.01162	24.47096	2.55504	0.2594492	3.1052975	15198	(27958)	14.7	9.20110	217.07091	163.53734	2.60657	0.2091716	2.4331033	15212
(27907)	14.6	1.17209	177.85597	185.59768	9.68389	0.1760084	3.0376455	15198	(27959)	14.6	159.38555	69.01400	156.81867	6.61981	0.0652463	2.3513423	15212
(27908)	14.3	302.75501	232.04951	227.13005	4.13536	0.0766030	2.8468863	15198	(27960)	14.1	47.36734	299.18800	336.61661	12.26570	0.1676621	2.6875949	15213
(27909)	13.5	345.07941	250.33179	133.33733	2.60345	0.2541810	3.0695399	15198	(27961)	15.6	342.42635	192.30665	182.45959	2.30001	0.1630152	2.5486857	15213
(27910)	14.1	23.72698	173.32426	206.10852	17.55165	0.1979968	2.7447798	15199	(27962)	15.7	316.75710	3.91702	26.08302	1.66834	0.1812600	2.7475805	15213
(27911)	12.4	318.07244	127.10548	266.42963	8.97375	0.0992661	2.9998924	15199	(27963)	15.6	279.09165	182.45609	228.91272	1.21004	0.0615626	2.8687475	15213
(27912)	13.3	359.14773	33.49582	339.27731	9.29297	0.0955575	2.9847497	15199	(27964)	14.4	14.21573	34.62210	312.53443	1.37906	0.1337824	2.6320602	15214
(27913)	13.6	263.39318	278.51231	167.59667	10.63163	0.0710569	3.0654032	15199	(27965)	14.7	342.48788	343.97574	85.43980	2.52155	0.1588428	2.4151913	15214
(27914)	13.9	14.89651	284.88741	86.26042	3.15196	0.0828748	2.8300116	15199	(27966)	13.7	262.96912	51.37766	37.33216	9.75622	0.2120136	2.9140276	15214
(27915)	13.5	250.68255	90.94782	10.57046	4.96027	0.1406956	3.1667730	15200	(27967)	13.5	309.68134	35.80914	27.04377	9.44890	0.1898670	2.6252602	15215
(27916)	13.1	25.90487	85.72733	252.40835	10.94090	0.1168882	2.8839015	15200	(27968)	15.4	68.44859	104.46107	183.05039	0.86585	0.1555994	2.4102774	15215
(27917)	14.6	314.72768	234.54404	169.07532	2.35763	0.2247719	3.1066429	15200	(27969)	14.2	241.85504	270.75056	204.48367	12.70520	0.1805953	2.7614097	15215
(27918)	13.6	33.63064	87.67617	236.50808	14.14518	0.0697811	3.2003361	15201	(27970)	14.9	25.84788	77.05078	253.20787	0.88550	0.0614298	2.6649487	15215
(27919)	13.9	330.68201	190.28845	218.61453	2.32808	0.1531125	3.0820826	15201	(27971)	15.3	19.01626	15.20052	336.42527	1.69267	0.1770487	2.5546528	15216
(27920)	12.2	359.67028	294.45111	57.47960	18.04981	0.0984523	3.1805033	15201	(27972)	14.4	357.08019	226.24247	187.62936	11.44746	0.1796820	2.6381348	15216
(27921)	13.9	3.27535	168.29527	184.56781	0.97107	0.1606822	3.1222517	15201	(27973)	12.9	350.26538	13.68713	34.26550	7.05210	0.2828146	2.5619363	15216
(27922)	12.6	185.29222	324.02952	201.53499	8.96715	0.0654634	3.0500081	15202	(27974)	13.8	125.60012	77.93625	157.25074	14.29349	0.1136555	2.6281098	15216
(27923)	13.7	316.74662	346.81024	77.33073	1.45055	0.1556705	3.1688090	15202	(27975)	15.3	305.49433	19.78574	25.35330	4.10070	0.1184966	2.7330020	15217
(27924)	16.4	82.45328	247.84493	303.46062	1.22239	0.1037341	2.2377036	15202	(27976)	13.9	322.59889	200.43413	235.89568	2.72984	0.1529456	2.5833233	15217
(27925)	15.6	44.64089	166.31376	76.71617	3.17540	0.1900293	2.3262924	15202	(27977)	14.3	18.93371	30.20180	320.48821	13.49876	0.2193382	2.5519573	15217
(27926)	15.7	66.82282	262.42846	1.43020	6.31239	0.1558377	2.2410890	15202	(27978)	14.7	34.74011	349.14267	333.73496	1.45990	0.1377662	2.6288663	15218

(27979)	15.1	98.12492	106.59566	120.47825	2.75552	0.0518922	2.9875380	15218	(28031)	14.0	87.44918	307.03037	73.68156	2.92468	0.0585297	2.6897461	15234
(27980)	15.0	45.16819	91.84307	210.00397	9.56907	0.0883351	2.5738507	15218	(28032)	13.7	303.24779	274.89579	207.41956	8.03504	0.1888183	2.7906605	15234
(27981)	14.3	309.44910	71.80255	23.79022	4.05755	0.1684768	2.5866139	15219	(28033)	13.3	271.36534	100.50918	2.27323	8.99602	0.0409236	3.0707456	15234
(27982)	14.3	329.41870	184.97868	171.31754	5.35861	0.1234423	2.8442017	15219	(28034)	14.0	13.12352	29.26705	37.06905	5.75863	0.1526517	2.7630845	15235
(27983)	14.2	42.01653	320.95344	355.29515	3.44140	0.1537808	2.5897031	15219	(28035)	15.6	154.21357	357.10446	64.13254	3.81837	0.0707870	2.1918348	15235
(27984)	15.9	332.23175	236.04001	154.35957	3.90169	0.2011922	2.7412571	15219	(28036)	12.8	303.09453	113.47073	348.66324	9.05054	0.0637437	3.0582790	15235
(27985)	13.5	51.88243	215.36652	67.56519	3.12682	0.0269138	2.8813534	15220	(28037)	15.4	67.06839	346.53404	118.63354	1.05843	0.1155774	2.3099745	15236
(27986)	14.9	332.01118	198.98655	199.65200	9.35039	0.1699045	2.5763123	15220	(28038)	15.8	60.58095	107.22839	350.07082	2.22350	0.1770120	2.3465447	15236
(27987)	14.6	12.58387	134.07022	234.71528	0.85997	0.2101298	2.6012203	15221	(28039)	14.2	308.91813	209.23898	80.34811	5.22312	0.1644378	2.2350239	15236
(27988)	14.4	262.32884	283.10519	175.99054	7.48224	0.2104577	3.0470101	15221	(28040)	14.1	69.19432	223.61277	117.05297	5.61839	0.1124160	3.2290714	15237
(27989)	13.4	184.34484	11.21537	136.19372	2.03274	0.1743481	3.1887739	15221	(28041)	12.9	142.87307	234.23641	25.74969	13.01910	0.0832628	3.2187079	15237
(27990)	12.5	172.85503	90.47189	80.46021	10.62704	0.0488957	3.0453995	15221	(28042)	14.9	99.57562	15.62873	80.52746	5.79742	0.0869071	2.2126173	15237
(27991)	14.6	300.55345	118.46273	268.62771	0.82091	0.1141260	2.9346198	15222	(28043)	14.5	70.80630	44.40077	46.35933	6.70855	0.0363959	2.3756399	15238
(27992)	12.6	15.91708	256.88203	46.30398	10.21815	0.0836413	3.0551324	15222	(28044)	13.9	246.57424	328.02262	330.95798	5.94583	0.1317555	2.4272463	15238
(27993)	13.5	133.72215	5.29879	256.39639	1.82517	0.0080308	2.6285390	15222	(28045)	15.1	288.42925	306.28632	350.53600	6.19930	0.1245996	2.2858175	15238
(27994)	12.8	246.70529	167.39009	273.52315	8.45700	0.0668916	3.0631734	15223	(28046)	13.8	24.37759	88.07390	85.98030	11.63247	0.0963833	2.3406156	15239
(27995)	14.6	197.39448	232.05016	71.41310	3.46612	0.2720256	2.1225924	15223	(28047)	15.3	315.03993	218.77371	99.87738	4.48744	0.1935425	2.1508865	15239
(27996)	14.7	53.46791	93.81911	151.92403	1.69311	0.1739778	3.1596462	15223	(28048)	15.4	223.59023	207.01953	152.81163	4.86698	0.1484383	2.3138745	15240
(27997)	14.9	343.48665	77.06231	42.10316	0.77413	0.1465874	2.3772497	15224	(28049)	14.2	40.00903	215.96229	225.36739	8.25809	0.1557894	2.7401579	15240
(27998)	14.6	351.51101	213.23577	152.72282	2.60548	0.1248554	2.7256239	15224	(28050)	14.8	282.21632	264.09821	65.27046	4.46148	0.1829948	2.2473270	15240
(27999)	13.3	306.67874	44.11911	17.33573	1.86140	0.0495886	2.9288655	15224	(28051)	14.9	183.17127	341.39561	309.24584	0.97701	0.0289587	2.8991705	15241
(28000)	13.1	189.94813	47.31027	107.01437	3.43629	0.0221182	2.9255341	15224	(28052)	14.7	241.90624	120.38159	191.65015	1.23079	0.1792467	2.5303224	15241
(28001)	13.4	186.02872	251.22746	257.68705	7.79476	0.0522383	3.0747910	15225	(28053)	14.2	356.12460	316.60684	194.35035	3.58763	0.0454562	2.7121873	15241
(28002)	13.6	180.96739	53.29601	95.87835	6.57621	0.1305181	3.1154849	15225	(28054)	13.8	190.04017	199.57127	102.50783	13.42107	0.1427799	2.9726570	15242
(28003)	12.7	120.40106	152.93665	65.59008	12.47435	0.0774904	3.0545158	15225	(28055)	14.0	235.99838	236.28122	86.73166	14.20896	0.1950196	2.5462859	15242
(28004)	14.0	281.03328	202.52277	246.44073	8.97641	0.1956173	2.7810678	15226	(28056)	12.7	213.76642	264.70544	118.96330	13.81256	0.1827839	2.6284995	15242
(28005)	12.6	248.71270	246.58795	242.75064	13.62118	0.2512650	3.0538224	15226	(28057)	13.2	204.18873	208.86860	122.14351	10.22346	0.0863339	3.0173187	15243
(28006)	13.8	328.81848	234.73364	275.79737	10.64370	0.1197179	2.3561768	15226	(28058)	14.6	339.94690	163.51019	76.14151	3.54184	0.1347875	2.4150460	15243
(28007)	13.2	336.58493	278.16705	76.84975	10.91848	0.1510790	2.9517422	15227	(28059)	12.8	232.03972	181.03336	145.78823	11.72101	0.1644460	2.8737891	15244
(28008)	12.8	57.28253	6.32074	305.17859	13.61540	0.1814769	2.6906008	15227	(28060)	13.1	148.97441	237.09824	145.57477	9.66087	0.1138652	3.2223599	15244
(28009)	13.6	320.42509	325.87032	91.68749	3.74189	0.1431582	2.8346713	15227	(28061)	13.4	142.07342	177.91633	237.55500	1.08120	0.0159917	2.9094100	15245
(28010)	13.3	226.22374	5.84220	123.44244	7.45226	0.0709931	3.1435615	15228	(28062)	15.3	287.53815	36.77810	338.20954	7.36944	0.1222307	2.2837908	15245
(28011)	13.3	318.59056	74.08195	340.92024	7.90693	0.2350031	2.7586886	15228	(28063)	14.2	137.66165	117.14865	336.19396	5.42017	0.0457143	2.7047755	15246
(28012)	13.9	349.65503	337.06716	59.52454	2.93033	0.0758414	2.8434509	15228	(28064)	12.6	133.84847	284.87059	126.96120	10.73653	0.1048084	3.0308925	15246
(28013)	14.2	326.19957	305.78813	105.72842	3.92392	0.1301049	2.5859456	15228	(28065)	14.0	331.84179	261.23272	20.55269	2.50537	0.1909685	2.4014472	15246
(28014)	12.8	269.23712	143.40100	307.36158	9.47892	0.2441675	3.0271562	15229	(28066)	14.9	91.51495	279.56863	349.82835	5.69851	0.0951236	1.9799008	15247
(28015)	14.2	287.69688	205.50000	219.13235	1.35205	0.0470498	2.9256977	15229	(28067)	13.4	74.70008	350.18457	157.10040	13.51711	0.1179843	2.6822822	15247
(28016)	12.1	296.27960	315.48433	125.39960	17.62623	0.0969038	3.1883495	15229	(28068)	15.5	326.92203	333.10458	347.68759	4.91586	0.1699309	2.3241815	15248
(28017)	13.2	2.31033	131.88310	266.77175	4.98481	0.3875069	2.5970219	15229	(28069)	15.0	226.25408	323.28388	72.13635	4.15974	0.2104012	2.5898503	15248
(28018)	12.6	13.89965	208.61415	140.55889	11.11571	0.0736306	3.0056247	15230	(28070)	13.9	199.75054	286.57027	81.69187	3.26367	0.0471639	2.8735711	15248
(28019)	15.6	43.75188	200.45327	223.56278	4.84062	0.1186752	2.2524359	15230	(28071)	14.4	268.28693	345.56895	341.12415	3.53105	0.1479407	2.7046105	15249
(28020)	14.8	129.13099	47.37566	304.33345	5.91648	0.1301998	2.3486905	15230	(28072)	14.8	272.39924	278.11786	87.18831	3.31013	0.1956692	2.4585741	15249
(28021)	13.4	257.15917	340.81542	96.54249	11.99053	0.2341191	3.0515842	15231	(28073)	14.2	148.11566	215.66049	224.78483	4.42964	0.0417900	2.8001524	15249
(28022)	12.7	328.33823	106.53875	285.24311	8.07218	0.0806859	3.1705381	15231	(28074)	14.3	225.56746	188.84958	155.53773	2.23991	0.0377000	2.9020788	15250
(28023)	13.4	289.96393	316.34778	107.81632	11.79943	0.0958602	3.0571629	15231	(28075)	14.7	271.12643	81.46568	294.19456	2.49828	0.1126338	2.4340439	15250
(28024)	12.3	142.03902	315.69129	288.02918	8.89820	0.0599360	3.0315120	15232	(28076)	15.5	320.21222	55.39497	329.19122	5.41963	0.0608182	2.1575042	15250
(28025)	14.7	321.17346	36.97412	36.75837	5.36712	0.3161200	2.5764084	15232	(28077)	14.9	287.70596	75.09726	340.27887	5.70835	0.0573813	2.2343513	15251
(28026)	13.7	233.43872	180.06075	24.20678	5.24740	0.0500942	2.7423914	15232	(28078)	15.0	301.65146	265.53575	169.14300	0.65604	0.1014750	2.1758442	15251
(28027)	14.6	130.96471	53.60133	319.17836	5.66351	0.1572138	2.3620404	15232	(28079)	12.2	98.02574	272.96879	159.29591	23.79106	0.1086964	3.1285468	15252
(28028)	13.1	120.54735	99.71946	120.43898	3.01887	0.0650771	2.9363711	15233	(28080)	14.9	338.50533	73.10160	185.67013	13.47708	0.1581251	2.5680119	15252
(28029)	12.2	314.32599	163.70412	247.37134	7.47887	0.1005983	3.4282367	15233	(28081)	15.8	357.29169	65.06057	242.79507	8.62162	0.0888504	2.2254074	15252
(28030)	14.0	278.17607	300.24747	132.47049	4.14437	0.3115108	3.0698416	15234	(28082)	13.4	54.45263	234.04264	315.12626	12.09407	0.1288932	2.6835819	15253

(28083)	14.8	342.56155	353.46999	12.92030	9.50616	0.1678527	2.1647696	15253	(28135)	13.9	175.28717	256.91861	292.24597	4.92196	0.1237071	2.1825131	15271
(28084)	14.9	349.70122	267.53945	106.23725	5.09650	0.1844241	2.1745983	15253	(28136)	15.5	277.01447	226.44821	192.79358	5.88420	0.0658732	2.3059640	15271
(28085)	14.4	269.86045	275.64683	197.54874	19.87009	0.3131536	2.2621796	15254	(28137)	14.7	74.81421	229.66069	8.97589	7.28000	0.0782919	2.3924250	15272
(28086)	13.2	74.97710	88.49629	82.22958	2.97138	0.0208356	2.7055330	15254	(28138)	12.9	271.38516	288.22400	20.85590	10.55957	0.1118495	3.0253487	15272
(28087)	14.9	240.04002	2.40326	103.08296	2.08497	0.0236252	2.1570673	15254	(28139)	13.8	76.59710	133.90687	27.71203	10.39630	0.0266385	2.9848980	15272
(28088)	15.4	290.76974	46.83994	17.70810	6.12922	0.0572452	2.1462305	15255	(28140)	14.0	154.24867	352.46723	194.86064	6.87057	0.0766708	2.2936130	15273
(28089)	13.4	198.27896	214.42103	161.24498	13.22340	0.1046722	2.8568248	15255	(28141)	13.7	272.95257	198.46855	284.10957	11.88239	0.1240538	2.4015748	15273
(28090)	16.8	315.85044	236.80088	154.90872	0.27239	0.1375797	2.1708463	15256	(28142)	15.7	268.48467	56.60028	31.76872	5.99116	0.1084597	2.2667288	15273
(28091)	15.2	29.74172	116.44404	152.01438	5.26729	0.1652181	2.2844293	15256	(28143)	13.8	227.67748	45.98606	59.24629	7.23759	0.0838067	2.4110739	15274
(28092)	14.9	153.33466	287.50751	246.65607	4.79261	0.0462019	2.2529836	15256	(28144)	16.0	16.78299	119.46631	205.85127	2.80623	0.1593119	2.2440756	15274
(28093)	15.0	70.80793	283.93001	301.54902	3.84270	0.1657281	2.3409828	15257	(28145)	14.3	44.95943	192.28434	36.72349	3.41142	0.1607382	2.6350126	15274
(28094)	14.2	90.36031	335.51502	208.10355	6.65636	0.1197471	2.5504738	15257	(28146)	14.2	203.52151	267.25354	245.95418	4.59263	0.0913411	2.2726593	15275
(28095)	15.4	305.15754	174.24427	216.34904	1.42640	0.1217363	2.2397114	15257	(28147)	14.6	193.92542	171.40891	333.05569	4.21641	0.0858282	2.3694278	15275
(28096)	15.2	76.39920	293.73500	305.00876	3.81463	0.1086982	2.2723327	15257	(28148)	15.8	268.44732	262.04865	184.05165	5.09031	0.1415238	2.2904443	15276
(28097)	14.4	183.48074	291.08159	114.12839	3.22595	0.0960787	2.9336380	15258	(28149)	15.5	331.52232	334.14754	33.00838	6.92021	0.1292164	2.2823747	15276
(28098)	15.2	322.76597	179.25752	143.10698	2.71648	0.2134077	2.4006255	15258	(28150)	15.4	296.53508	275.37450	139.57483	5.92328	0.1475886	2.3149297	15276
(28099)	13.5	342.00536	290.21248	289.74668	5.60618	0.0463212	3.1755534	15258	(28151)	15.4	20.45426	144.90772	112.31761	4.47259	0.1585854	2.5999745	15276
(28100)	13.9	246.43041	199.52328	163.36589	3.02652	0.1056578	2.7324884	15259	(28152)	14.4	210.00752	322.94348	173.44662	4.75490	0.1265949	2.4517442	15277
(28101)	15.4	302.11342	28.20416	25.83447	4.22206	0.1129382	2.1779568	15259	(28153)	15.0	23.51899	276.29330	48.21737	5.94611	0.1840544	2.2173358	15277
(28102)	15.6	1.97237	290.50865	55.69065	3.81368	0.2086395	2.1542966	15259	(28154)	13.4	95.54366	58.56194	75.87226	8.46610	0.0540717	3.2472851	15277
(28103)	15.3	250.39146	344.44884	114.52580	2.75671	0.1175751	2.2540493	15260	(28155)	14.7	252.34985	84.24742	14.88938	5.70556	0.1410741	2.3099428	15278
(28104)	16.3	236.38753	75.40398	29.59992	6.18683	0.1198926	2.3470709	15260	(28156)	14.2	222.56527	176.36528	194.31169	9.56164	0.1427103	2.9909842	15278
(28105)	14.6	17.35366	222.22738	29.35941	12.05022	0.1448406	2.6350500	15260	(28157)	14.5	317.36349	239.43633	91.63956	3.54428	0.1788584	2.6333679	15279
(28106)	15.4	50.91846	251.71834	31.24237	8.76854	0.1119756	2.2798498	15261	(28158)	14.7	350.71164	274.37685	109.61005	3.19564	0.1442196	2.2122906	15279
(28107)	13.7	100.05811	325.54512	292.24251	14.52628	0.0802625	2.6480600	15261	(28159)	14.8	251.63857	36.24724	67.28089	6.45135	0.1072689	2.2491784	15279
(28108)	15.9	292.08541	9.82112	41.26611	4.57907	0.1376201	2.2215873	15261	(28160)	14.9	78.50982	64.90589	209.63101	4.61964	0.1080515	2.1993735	15280
(28109)	13.8	69.47114	83.68255	71.95908	2.43732	0.1500594	3.0996781	15261	(28161)	16.3	308.57920	241.92728	155.21480	1.16393	0.1569765	2.2875724	15280
(28110)	15.7	94.25985	223.31969	16.19696	2.29188	0.1046307	2.2160184	15262	(28162)	13.4	98.31468	268.11331	314.41223	5.15225	0.1079973	2.4300347	15280
(28111)	16.0	272.21323	239.94603	187.28262	4.65409	0.1677205	2.3009633	15262	(28163)	14.8	109.74410	17.92244	211.64732	4.38983	0.1621525	2.3052307	15281
(28112)	15.5	236.89279	123.52473	347.37285	2.39750	0.1609392	2.3393197	15262	(28164)	15.2	295.89871	164.86219	275.34972	5.63322	0.0485506	2.1882756	15281
(28113)	14.4	160.83982	165.52828	17.64520	7.29361	0.1621409	2.2440940	15263	(28165)	14.7	93.54062	187.95995	60.23548	5.95167	0.1462407	2.2990933	15281
(28114)	14.4	136.54872	187.51431	8.42608	7.01981	0.0414604	2.2852449	15263	(28166)	16.1	9.37316	283.24204	61.87962	3.35089	0.1878811	2.1935579	15282
(28115)	15.2	206.73628	240.36470	252.85479	1.42924	0.1515265	2.3736569	15263	(28167)	14.4	117.22423	173.03623	58.75630	4.38323	0.0819478	2.2991726	15282
(28116)	13.9	263.20410	309.64323	15.52102	3.66721	0.0742174	2.8078824	15264	(28168)	14.8	229.74884	78.60869	38.22758	3.33082	0.0226924	2.3297999	15282
(28117)	14.9	90.27326	219.44045	14.16794	5.46866	0.1015700	2.2200165	15264	(28169)	14.7	318.91112	5.13902	32.74622	4.25965	0.1931537	2.2727574	15283
(28118)	16.5	24.81284	257.42727	47.35714	3.02172	0.2090548	2.1629718	15264	(28170)	15.4	334.62836	316.36767	84.91206	3.93461	0.0960374	2.1925918	15283
(28119)	14.9	126.04164	156.58473	41.73241	4.26787	0.0766587	2.3575938	15265	(28171)	14.9	270.49818	77.86812	353.67188	1.96593	0.1855368	2.4138856	15284
(28120)	14.9	67.15702	222.26163	41.09678	6.07971	0.1570735	2.2463492	15265	(28172)	12.6	161.14764	101.52233	70.18947	14.13073	0.1011629	2.5672882	15284
(28121)	14.4	141.10050	32.49327	176.51539	6.35236	0.0563656	2.2302748	15265	(28173)	15.2	208.76617	79.69012	55.72794	3.10016	0.1459908	2.4645948	15284
(28122)	15.3	273.56032	265.26530	86.24765	4.01102	0.1004036	2.6799032	15266	(28174)	13.8	97.89441	147.06179	85.60413	13.48935	0.1756284	2.6898108	15285
(28123)	14.4	240.26309	328.86297	123.07952	3.32918	0.1696112	2.4008614	15266	(28175)	15.2	249.62100	260.87137	184.81165	1.81276	0.1377649	2.5254979	15285
(28124)	14.0	309.47625	278.36344	15.32559	14.09908	0.0776414	2.5620929	15267	(28176)	17.1	328.25123	285.15907	111.15565	1.96795	0.1421436	2.3516516	15285
(28125)	14.1	156.48601	187.56426	351.49593	4.00401	0.0882180	2.2752286	15267	(28177)	14.5	262.75933	154.50682	276.80053	11.75772	0.1513877	2.4050336	15286
(28126)	14.8	265.41581	164.53701	284.22402	4.07887	0.1113404	2.2370385	15268	(28178)	14.4	282.84947	331.88222	96.18127	7.04816	0.0900469	2.4212197	15286
(28127)	15.7	321.58119	101.36829	277.90450	2.12021	0.1149131	2.2469791	15268	(28179)	14.5	158.60056	350.29340	249.46198	4.48953	0.1176244	2.2133581	15286
(28128)	15.4	190.80386	117.77861	34.31289	2.78065	0.0910342	2.2757247	15268	(28180)	14.3	35.38356	236.46979	82.87252	11.67470	0.0774864	2.3730875	15286
(28129)	14.3	166.35853	231.54787	297.36562	4.23309	0.0776414	2.3152939	15269	(28181)	14.4	27.40334	304.91097	358.34433	5.57252	0.1403550	2.3397847	15287
(28130)	14.8	234.13133	61.73238	37.44388	3.97417	0.1298666	2.3615479	15269	(28182)	14.9	249.02581	201.51802	258.10491	1.56346	0.1650262	2.4276366	15287
(28131)	14.9	272.77318	343.29723	104.35371	3.03816	0.1476153	2.2265778	15269	(28183)	15.6	308.24888	219.85331	199.01954	2.11533	0.1011841	2.2629054	15288
(28132)	14.7	163.76660	122.33219	37.91773	6.85579	0.0385579	2.3524036	15270	(28184)	15.0	42.72615	265.11214	48.32661	4.51818	0.1687466	2.2280037	15288
(28133)	14.1	95.87594	261.94305	344.33860	2.55086	0.1306620	2.2051550	15270	(28185)	14.0	87.65165	344.54304	293.20626	4.50128	0.0993800	2.2479321	15288
(28134)	13.7	253.46634	79.96801	288.39899	1.72554	0.0533122	2.7337200	15270	(28186)	15.1	13.69633	21.54991	328.60976	3.23858	0.1834619	2.1978464	15288

(28187)	13.2	168.68675	300.21884	256.69440	13.56706	0.0444471	2.6119112	15289	(28239)	14.1	87.67147	104.45724	135.45739	10.32421	0.0499663	3.0669862	15304
(28188)	12.6	264.99791	201.76473	271.10137	13.45484	0.1323653	2.6004761	15289	(28240)	14.5	72.28977	10.66107	295.42415	5.87237	0.1420673	2.4809881	15305
(28189)	14.5	182.68252	284.64996	223.34379	3.20761	0.2103076	2.6090735	15289	(28241)	14.0	274.31980	39.45050	60.30118	5.24233	0.0552907	2.6170095	15305
(28190)	12.7	209.08329	129.41278	18.92858	9.42531	0.0760172	2.7775879	15290	(28242)	15.0	311.11223	177.16471	236.59108	3.87282	0.1214096	2.4405996	15305
(28191)	13.1	183.33777	197.69741	352.51987	13.36524	0.1066054	2.6977470	15290	(28243)	14.6	281.17281	89.78238	49.26322	6.57042	0.1337311	2.3126213	15305
(28192)	13.0	228.12727	169.92198	282.31358	12.37913	0.1687204	3.0526406	15290	(28244)	14.6	27.00062	222.07656	127.86987	5.83982	0.1115094	2.5170107	15306
(28193)	14.9	72.61572	288.47601	5.13244	6.09226	0.2035427	2.1968310	15291	(28245)	14.6	238.65088	335.11353	126.22340	11.30480	0.1318622	2.7236229	15306
(28194)	15.8	248.54355	28.73150	56.65179	1.18411	0.0411464	2.4090959	15291	(28246)	13.5	174.47357	29.38211	162.18903	7.25905	0.0119020	2.7191671	15306
(28195)	14.8	344.77933	346.00560	24.01825	2.70778	0.0918761	2.4202300	15291	(28247)	15.2	2.87668	222.50231	136.51987	0.88629	0.2282966	2.3864640	15307
(28196)	14.7	213.16185	350.08134	165.31478	6.98185	0.0532608	2.3494656	15292	(28248)	14.0	359.82755	40.64376	324.31633	2.50091	0.2079286	2.5973695	15307
(28197)	14.8	331.88054	133.31494	258.59293	5.52480	0.1094984	2.3554924	15292	(28249)	13.4	139.27311	59.09722	165.03202	15.37170	0.0494214	3.2057158	15307
(28198)	12.8	132.65266	87.72798	84.88487	10.80759	0.0628194	3.1565950	15292	(28250)	13.8	162.95231	208.61615	315.57714	9.29589	0.1336260	3.1454980	15307
(28199)	13.3	303.78480	315.83965	91.09485	5.50711	0.0039385	2.4854966	15293	(28251)	14.4	308.75787	256.71575	127.79056	2.92163	0.1115846	2.9324509	15308
(28200)	13.7	259.15170	76.13877	23.31161	6.25404	0.0971407	2.4372659	15293	(28252)	13.9	201.98802	210.24275	341.63834	11.76208	0.1302922	2.6529244	15308
(28201)	14.1	303.02714	68.86610	11.75081	6.82178	0.1400476	2.2822756	15293	(28253)	13.5	19.65439	2.97123	310.21701	13.86612	0.1004922	2.6416694	15308
(28202)	14.8	334.36337	322.85748	50.35258	3.14043	0.2100149	2.3890800	15294	(28254)	14.2	255.16799	183.93219	296.03908	3.04394	0.1374308	2.4375981	15308
(28203)	15.6	338.95013	0.55412	43.57942	3.71467	0.3091555	2.1968565	15294	(28255)	14.0	62.74555	146.17549	180.88010	3.82732	0.1531519	2.2814767	15309
(28204)	15.1	289.62454	30.39188	41.96931	2.94404	0.1835866	2.4107664	15294	(28256)	14.0	277.16598	326.56702	149.21883	7.22979	0.0578956	2.3408659	15309
(28205)	15.9	346.83574	46.22798	350.60801	5.14273	0.2195337	2.2230114	15294	(28257)	12.9	172.81963	306.78407	244.11903	8.23810	0.1301328	2.6396492	15309
(28206)	14.4	340.33780	306.19977	80.71750	8.75796	0.1772701	2.3281922	15295	(28258)	13.8	262.39399	315.60772	162.28875	8.28693	0.1420630	2.4379368	15310
(28207)	14.2	266.99231	78.34159	352.06369	1.67281	0.1041176	2.6105618	15295	(28259)	14.6	176.00267	79.46517	86.01236	6.75770	0.0938563	2.4838986	15310
(28208)	14.1	216.54344	130.54550	16.93911	5.37217	0.1901064	2.5496729	15295	(28260)	14.2	144.34149	229.78903	318.20133	3.42226	0.0330951	2.9717202	15310
(28209)	14.3	176.48083	201.94803	297.29329	9.71880	0.0889047	2.6424299	15295	(28261)	12.5	221.00852	91.65797	8.99537	10.53163	0.0867793	2.9801878	15310
(28210)	15.5	318.99532	343.70374	62.98059	7.81177	0.1888060	2.2530814	15296	(28262)	13.9	125.81434	12.84480	195.01881	4.04254	0.1925498	3.0728955	15311
(28211)	14.4	3.26599	273.10520	70.86118	6.42186	0.2500269	2.2390026	15296	(28263)	13.3	162.18962	278.95237	295.20298	8.89936	0.0487609	2.5948746	15311
(28212)	15.3	313.96523	246.99771	146.01253	5.55141	0.2022898	2.3429717	15296	(28264)	12.8	271.55022	46.05002	19.27706	10.66515	0.1079871	2.9720753	15311
(28213)	14.7	280.85359	303.98264	132.09512	11.11982	0.1113466	2.4427828	15297	(28265)	13.1	7.51642	19.43073	359.54633	14.03782	0.0824817	2.5936952	15311
(28214)	16.3	345.99408	147.66121	251.91680	0.75618	0.1920162	2.2379531	15297	(28266)	13.9	40.61075	339.43107	11.59550	9.43222	0.1295534	2.5914255	15312
(28215)	14.3	12.45879	21.62397	351.91476	7.02405	0.1277862	2.2860289	15297	(28267)	13.8	331.10451	341.11966	87.95115	4.16638	0.1677135	2.4488474	15312
(28216)	14.4	306.89022	268.80359	173.92807	2.76733	0.1448410	2.4516869	15297	(28268)	14.8	312.85596	328.28717	124.90687	4.28491	0.1097426	2.3322711	15312
(28217)	14.2	24.50879	242.33430	94.73172	7.64586	0.1432749	2.3312755	15298	(28269)	13.2	253.03393	322.20453	164.09315	13.42816	0.1139465	2.5902333	15312
(28218)	14.7	213.42022	7.02390	176.51634	3.83759	0.0608411	2.1795714	15298	(28270)	13.6	351.68337	155.03735	218.50526	1.62050	0.0685913	2.8739398	15313
(28219)	14.9	238.40602	329.69522	138.81135	1.98583	0.1274145	2.6327514	15298	(28271)	14.3	257.36467	237.29408	209.99589	1.36403	0.0357492	2.8696003	15313
(28220)	15.3	227.55788	240.14618	243.16969	1.27344	0.0678372	2.5216594	15299	(28272)	14.5	90.96006	234.16426	87.22089	7.18130	0.1672750	2.2327703	15313
(28221)	14.9	102.94335	312.87119	268.23738	0.76627	0.0170113	2.9147718	15299	(28273)	14.6	303.27014	80.31442	337.57301	1.99101	0.1375489	2.5150004	15314
(28222)	14.5	199.09930	146.61648	57.49758	4.27701	0.0893107	2.2008499	15299	(28274)	14.0	186.46898	232.42793	312.61230	12.19097	0.1145163	2.6208656	15314
(28223)	14.2	226.80021	339.86925	126.00313	10.02844	0.2493154	2.7205212	15300	(28275)	14.2	132.30262	215.94266	344.54379	1.42609	0.0867384	2.9755194	15314
(28224)	14.9	328.00514	228.72179	163.20833	2.53775	0.2138021	2.4080518	15300	(28276)	15.1	323.41935	329.52529	83.54545	3.52279	0.1804496	2.4057703	15314
(28225)	13.8	359.14495	284.34139	54.03926	4.78519	0.1439779	2.6268709	15300	(28277)	14.3	25.83915	350.86104	21.95296	6.99658	0.1271393	2.3078053	15315
(28226)	13.7	203.52025	76.90385	53.45248	5.12537	0.1508325	2.8036797	15301	(28278)	12.9	71.96765	176.11125	82.04736	11.34203	0.0587311	2.9815946	15315
(28227)	14.3	266.34109	63.39788	79.04592	4.73544	0.0723622	2.2752500	15301	(28279)	13.0	51.42136	213.16722	60.49130	8.10467	0.1558602	3.1234356	15315
(28228)	13.9	130.03361	17.18419	34.67103	6.72969	0.1293523	2.6020825	15301	(28280)	14.0	164.10075	225.32815	10.25675	7.06359	0.0926802	2.4524876	15316
(28229)	15.0	315.98027	128.10108	271.69331	5.34937	0.1155657	2.4522154	15301	(28281)	12.8	62.76095	343.15740	326.03083	12.89866	0.1831674	2.6601439	15316
(28230)	13.7	240.80464	191.28230	333.39358	13.00121	0.1072503	2.3523823	15302	(28282)	12.6	1.09748	323.36992	1.20926	10.38083	0.0941212	3.0041196	15316
(28231)	13.4	235.28208	160.23883	327.91699	21.92539	0.0328257	2.5830910	15302	(28283)	12.9	168.77148	95.90394	65.28165	10.55664	0.0476263	2.9785657	15317
(28232)	14.5	279.25750	350.49540	79.70559	6.48227	0.1290942	2.6532168	15302	(28284)	13.5	196.25597	129.56126	38.81938	3.51381	0.0289698	2.6955970	15317
(28233)	12.8	339.30889	13.06266	348.35182	12.07311	0.1338812	2.7268663	15303	(28285)	13.7	262.87965	63.73294	27.69226	4.23335	0.1730024	2.6496316	15317
(28234)	13.2	174.07056	40.92255	99.42379	15.94644	0.1874188	3.0905044	15303	(28286)	13.5	2.98705	275.43087	76.83655	8.56739	0.0230634	2.7372896	15318
(28235)	14.8	285.43550	313.48738	129.23134	5.32735	0.2277724	2.3080044	15303	(28287)	14.4	26.45335	308.02343	12.22236	1.87352	0.0671882	2.8853680	15318
(28236)	13.5	239.50882	334.76173	138.91080	2.77412	0.0304816	2.9341410	15303	(28288)	13.9	150.08231	96.61066	91.66130	10.09364	0.0465025	2.9946760	15318
(28237)	15.1	50.95127	120.30580	172.62181	2.55262	0.0364623	2.6963642	15304	(28289)	13.7	122.50373	302.28437	273.30250	0.08207	0.1246010	3.1604478	15319
(28238)	14.1	99.92215	96.06200	139.47137	2.71161	0.0101632	2.8694446	15304	(28290)	13.0	147.72506	208.47479	10.11422	9.19528	0.0814219	2.8005381	15319

(28291)	13.2	294.22668	55.13712	46.91389	7.22518	0.1044125	2.4318335	15319	(28343)	12.4	71.53523	270.68168	36.53305	16.48091	0.2328157	3.1140551	15333
(28292)	12.8	355.20571	8.14180	7.33304	9.30699	0.0239406	2.7087504	15319	(28344)	14.1	288.42921	140.10948	319.99773	4.55524	0.1706729	2.5737067	15334
(28293)	13.6	323.80576	318.80915	118.51988	1.39225	0.0125921	2.4965253	15320	(28345)	13.5	221.53027	28.14281	104.49993	3.13330	0.1363523	3.0640782	15334
(28294)	13.1	254.53514	169.65647	255.17996	10.92431	0.0338568	2.9371093	15320	(28346)	13.6	180.19113	208.80463	2.07643	9.17918	0.1263359	2.7427895	15334
(28295)	14.8	327.70164	107.86788	270.04253	4.27023	0.0937053	2.7339024	15320	(28347)	12.9	245.05252	115.16555	318.86505	8.63855	0.0753484	3.1374087	15334
(28296)	14.3	172.75061	324.96176	190.55835	11.75105	0.0784575	2.9932706	15321	(28348)	12.6	172.31711	196.14558	333.99518	9.34755	0.0591604	3.0164496	15335
(28297)	13.6	149.71962	327.11467	224.69327	7.90206	0.1141658	2.9311275	15321	(28349)	12.9	277.61901	102.90272	350.70606	9.89697	0.1885500	2.8115358	15335
(28298)	14.0	220.64132	248.66727	241.75076	6.74336	0.0919656	2.7460333	15321	(28350)	12.8	294.13719	74.36648	351.17517	9.93819	0.0973202	3.0163143	15335
(28299)	14.1	336.43892	244.22715	194.26460	4.22369	0.1241425	2.2509471	15321	(28351)	15.2	256.22901	125.78765	90.80146	4.45620	0.0651975	2.2259244	15336
(28300)	13.7	187.22540	318.31512	181.47149	10.41979	0.0338070	3.0117299	15322	(28352)	12.4	269.21524	285.78437	168.65611	10.91181	0.0780923	3.0178278	15336
(28301)	13.3	187.12046	254.38570	276.41432	6.35576	0.1631740	2.7931956	15322	(28353)	14.2	184.76193	90.82324	217.68583	3.46860	0.1885836	2.2436797	15336
(28302)	13.8	52.35973	125.99475	163.74866	2.62280	0.2016603	3.0589990	15322	(28354)	13.0	34.53019	168.07867	158.80736	11.85567	0.1024886	3.2267494	15337
(28303)	13.2	152.97534	313.86509	280.26744	11.01729	0.0549901	2.5820964	15323	(28355)	13.3	344.69992	234.06632	135.33496	6.84835	0.0946735	3.2080789	15337
(28304)	13.1	295.66605	136.96149	279.37923	10.97784	0.1529945	2.6850228	15323	(28356)	14.7	348.08128	175.59069	211.21936	6.96787	0.2151715	2.5718782	15337
(28305)	14.6	292.52670	208.88286	224.21191	1.98309	0.1213973	2.6188323	15323	(28357)	13.7	192.56170	227.79095	330.36623	14.52820	0.0635706	2.6372790	15337
(28306)	13.4	195.28850	192.16256	294.56012	8.07988	0.0524240	3.1682341	15323	(28358)	13.2	21.21455	298.27818	27.01133	6.72399	0.1055667	3.0659093	15338
(28307)	13.7	264.03802	274.46785	185.63016	12.96557	0.1667683	2.6325791	15324	(28359)	13.6	255.91566	75.58091	1.29064	6.27882	0.0873949	3.0933404	15338
(28308)	14.1	238.44107	332.47687	170.15270	15.59483	0.1124714	2.5972317	15324	(28360)	13.1	228.65335	356.45630	130.26343	3.26688	0.0565346	2.9113338	15338
(28309)	14.3	273.12200	295.35994	201.49805	4.78359	0.1407189	2.3879495	15324	(28361)	14.2	294.04067	338.97303	91.10441	4.85559	0.2578408	2.6107647	15339
(28310)	14.0	196.93837	266.66076	228.59217	5.37034	0.1448864	3.0747360	15324	(28362)	12.5	359.14781	268.33526	94.15934	13.03174	0.0703127	2.9268754	15339
(28311)	15.2	283.73770	324.64222	111.49193	13.06057	0.0676533	2.5925844	15325	(28363)	14.4	19.58502	86.90081	293.94415	0.96230	0.0852437	2.9332713	15339
(28312)	13.4	31.89665	270.52289	29.43852	9.28093	0.0849020	2.9818363	15325	(28364)	13.5	40.07853	153.62033	193.19889	11.99240	0.1774422	2.9497779	15339
(28313)	13.6	5.21017	282.89954	61.64199	7.45773	0.1109503	2.8380746	15325	(28365)	13.3	205.35560	176.35155	31.66676	14.05921	0.0823186	2.7008942	15340
(28314)	13.4	68.40250	163.87944	121.61998	3.09825	0.0688026	2.9415699	15326	(28366)	14.3	289.92217	313.44669	141.47943	5.31347	0.1921008	2.7014441	15340
(28315)	13.6	15.88222	288.14135	37.65386	5.03801	0.0553342	3.0425973	15326	(28367)	13.2	223.52801	312.15952	170.91327	9.43028	0.2047728	2.9281421	15340
(28316)	13.9	270.82168	2.15041	73.44378	2.74932	0.1141711	2.8506720	15326	(28368)	12.9	184.26575	53.06622	114.21334	7.08187	0.0247177	3.2440092	15341
(28317)	15.1	304.62238	167.67302	239.03060	1.65229	0.0804437	2.6555752	15326	(28369)	13.3	320.85320	244.01858	161.35315	13.14206	0.0347354	3.1711390	15341
(28318)	15.0	7.60711	207.63277	178.70053	3.93551	0.1605629	2.3225903	15327	(28370)	13.5	235.15586	152.73638	343.98914	10.38756	0.0623243	2.8721393	15341
(28319)	14.4	292.55470	249.03017	161.71518	12.43627	0.1626782	2.6689541	15327	(28371)	12.8	20.82714	184.27293	162.21644	10.10429	0.0717043	2.9902318	15341
(28320)	13.0	59.58032	82.30587	198.40220	16.29489	0.2240365	3.1293833	15327	(28372)	12.7	260.87418	284.22279	205.45930	9.20872	0.0403535	2.9969217	15342
(28321)	14.1	17.56584	143.13176	239.72902	5.00220	0.1903212	2.3101247	15328	(28373)	12.1	294.24237	303.16299	101.75074	11.51509	0.1606544	3.1791308	15342
(28322)	14.2	86.92338	123.98269	169.65314	2.89625	0.0939556	2.5995155	15328	(28374)	13.3	73.86351	333.38817	337.63224	0.14887	0.1379462	3.2051564	15342
(28323)	14.8	241.34257	258.60543	187.61890	10.45512	0.0841047	2.9743549	15328	(28375)	13.4	229.76672	273.98000	206.06236	0.13385	0.1511359	3.1140073	15343
(28324)	14.7	344.71378	255.77932	162.94657	5.94509	0.1719858	2.3155362	15329	(28376)	15.1	206.00333	7.41521	296.69831	4.00078	0.1782635	2.2011091	15343
(28325)	13.4	193.65347	233.38778	325.79551	12.92731	0.1138330	2.6520033	15329	(28377)	13.3	299.91107	243.26654	224.01642	11.95699	0.1397984	2.6788094	15343
(28326)	13.3	177.68826	120.67171	58.38292	13.89630	0.1112237	2.6960635	15329	(28378)	13.0	113.63328	257.69636	28.76048	10.96907	0.0763731	2.9883512	15344
(28327)	14.9	253.99277	65.94273	29.67199	12.27293	0.1581153	2.6799365	15329	(28379)	14.5	124.71059	339.27186	39.75922	7.88203	0.0794773	2.1924995	15344
(28328)	13.5	235.11909	52.41272	72.68020	12.37265	0.1536179	2.6725415	15330	(28380)	13.2	313.55692	245.08834	204.15035	8.54965	0.1367776	2.8087649	15344
(28329)	14.8	8.15736	247.02200	153.26013	2.55630	0.2064044	2.3895227	15330	(28381)	12.8	333.68845	19.17678	44.32134	11.24702	0.1004655	2.9816308	15345
(28330)	14.7	183.12377	354.90588	146.24188	0.35814	0.1312309	3.0813986	15330	(28382)	15.4	148.63577	64.26556	275.37190	0.48296	0.1941698	2.4207937	15345
(28331)	13.9	201.98945	235.57699	255.30933	7.85560	0.0955524	3.0491620	15330	(28383)	14.0	287.22243	286.21302	203.50448	10.60976	0.0818727	2.6407883	15345
(28332)	14.8	315.04808	334.50756	61.41012	7.30148	0.2058323	2.5326994	15330	(28384)	13.6	134.21054	216.70538	141.07558	6.97881	0.1395794	2.4264095	15346
(28333)	13.5	49.51803	184.45115	91.36274	11.16268	0.0655583	3.0073798	15331	(28385)	12.3	230.59125	61.27018	70.85573	15.69832	0.0659010	3.2245448	15346
(28334)	13.2	201.58543	64.85438	65.03015	13.72114	0.0529708	3.1308528	15331	(28386)	13.0	39.02285	167.65957	192.57643	9.77366	0.0578169	3.0393969	15346
(28335)	12.3	202.69567	107.36642	16.15979	14.71310	0.0459639	3.2429343	15331	(28387)	12.5	221.08230	23.19748	119.33745	17.44064	0.1634383	3.1030168	15347
(28336)	14.0	151.56365	330.50229	223.70904	15.41982	0.1115065	2.9311090	15332	(28388)	12.6	285.25245	276.92693	163.05209	11.53679	0.1380819	3.0597105	15347
(28337)	15.3	6.33347	224.61346	135.83049	4.02550	0.2415149	2.5767046	15332	(28389)	13.5	323.05790	260.14965	177.47326	9.45813	0.0752390	3.0063731	15347
(28338)	13.8	297.19996	214.39708	179.83664	2.91270	0.0305205	3.1900454	15332	(28390)	14.7	141.47139	247.35979	130.50514	5.29087	0.1739305	2.2450350	15348
(28339)	13.9	47.34864	333.10570	355.21679	10.57157	0.0939967	2.9884299	15332	(28391)	12.9	291.79026	227.03545	228.34634	15.92667	0.2238022	3.1517539	15348
(28340)	12.3	351.41960	283.78246	81.19543	11.84128	0.1446535	3.0152801	15332	(28392)	14.0	198.19715	136.70528	164.69282	2.71416	0.0449655	2.6940407	15348
(28341)	13.3	155.33449	82.09124	126.25163	2.99077	0.0231531	2.8980717	15333	(28393)	14.2	113.21805	188.76905	177.57404	7.04024	0.1575227	3.2105795	15348
(28342)	13.5	233.70912	70.56087	51.80421	2.85632	0.0597822	2.9304926	15333	(28394)	15.7	147.62061	170.61974	216.73574	1.33278	0.1448708	2.7876283	15349

(28395)	13.6	163.55134	317.90889	52.26800	16.42523	0.2186594	2.5754844	15349	(28447)	15.0	153.40728	54.84267	126.31337	4.06040	0.1228729	2.2721994	15367
(28396)	15.1	257.16476	333.44958	326.61132	6.37149	0.1267694	2.3414833	15349	(28448)	13.6	129.29477	88.20775	120.02061	8.58677	0.1674380	2.3584263	15367
(28397)	15.1	147.60108	224.74871	183.39783	6.92037	0.1046650	2.3459174	15350	(28449)	14.3	184.15453	220.26002	213.89074	4.25276	0.0681045	2.6680828	15367
(28398)	15.5	221.66842	26.77706	264.08618	3.16884	0.1054261	2.5582588	15350	(28450)	14.9	162.51314	353.88787	157.09773	4.28941	0.0948276	2.2376036	15368
(28399)	13.5	190.31562	319.54809	325.50755	9.41927	0.0789803	3.0087630	15350	(28451)	15.3	93.83069	15.91153	207.59018	1.70755	0.1736783	2.3953965	15368
(28400)	15.5	147.28052	350.33716	8.49391	1.49226	0.1961191	2.9601136	15351	(28452)	15.3	106.73207	273.06905	305.71232	7.35729	0.1925232	2.3741822	15368
(28401)	13.7	60.76127	103.72512	333.94444	1.69655	0.0807875	3.0617112	15351	(28453)	14.8	354.69707	18.04736	260.02550	3.16873	0.0502743	2.6579984	15368
(28402)	14.7	315.00221	332.49968	292.38856	6.32912	0.0979560	2.2948024	15351	(28454)	13.4	144.89431	18.54237	147.14457	15.67930	0.1956348	2.5813286	15369
(28403)	14.0	255.79781	252.70350	22.17445	17.49293	0.2113822	2.5949028	15352	(28455)	13.8	127.47949	208.43797	344.90964	15.14397	0.1660307	2.5713432	15369
(28404)	14.7	157.72505	206.22251	201.01946	4.05771	0.1715187	2.5885186	15352	(28456)	13.7	96.60243	214.40325	19.56488	7.34836	0.1439520	2.5427561	15370
(28405)	14.9	261.35920	283.70753	54.89139	4.69799	0.1963565	2.2501260	15352	(28457)	14.8	77.64395	326.78590	283.85000	6.24238	0.0841541	2.3425147	15370
(28406)	13.4	255.10985	107.45365	166.01240	17.02869	0.0633425	2.8303899	15353	(28458)	14.5	119.46925	50.54606	145.56538	18.22390	0.1623440	2.5468370	15370
(28407)	14.3	69.19470	130.51384	6.89610	6.74168	0.1167261	2.5844004	15353	(28459)	14.3	87.46574	37.31187	157.61798	1.50316	0.2984295	3.2345198	15371
(28408)	14.7	238.45521	181.54494	122.46767	7.98081	0.0363537	2.7704337	15354	(28460)	14.7	196.63020	297.97366	130.20338	4.45737	0.0669524	2.5878991	15371
(28409)	14.7	346.21133	336.20564	241.33164	2.92074	0.1626108	2.6259633	15354	(28461)	13.3	76.07549	25.20509	240.09266	6.85579	0.1398747	2.4787050	15371
(28410)	13.8	228.86497	132.88473	169.12615	8.53466	0.0784346	3.0297824	15354	(28462)	13.8	102.44936	347.41445	267.15104	4.97828	0.1131295	2.3193220	15372
(28411)	16.1	297.98768	132.39273	156.48047	6.84465	0.1462276	2.3348887	15354	(28463)	15.4	194.89723	89.27906	61.00885	7.59342	0.0614707	2.3662774	15372
(28412)	14.3	110.14702	20.22375	122.73335	3.56023	0.1289679	2.2861120	15355	(28464)	14.1	196.15357	158.97054	208.41788	14.71153	0.1085597	2.6044015	15372
(28413)	14.5	273.71922	308.87162	330.63981	4.74078	0.0368496	2.6295936	15355	(28465)	14.1	115.55658	44.84725	186.41654	1.99318	0.1801946	2.3838198	15372
(28414)	14.8	94.52536	122.68582	0.96366	9.15697	0.0652798	2.5529525	15355	(28466)	13.8	83.33675	240.08687	356.03800	11.83966	0.2165045	2.6843676	15373
(28415)	15.2	75.50358	287.88011	229.90440	5.30401	0.1012642	2.6335556	15356	(28467)	14.5	200.95197	80.44708	49.51278	6.97912	0.1255907	2.2374784	15373
(28416)	16.1	278.29084	275.75888	44.75122	3.14431	0.1592885	2.2628379	15356	(28468)	13.3	83.81006	219.62373	26.49164	9.71411	0.0600485	2.5811543	15374
(28417)	14.2	66.31093	299.91645	252.22003	6.51843	0.1647087	2.3479947	15356	(28469)	13.2	302.92261	259.66104	40.72012	8.24173	0.2125408	3.0298181	15374
(28418)	16.8	105.32369	110.15804	39.99679	0.41808	0.1450277	2.2996589	15357	(28470)	15.6	52.83694	129.73138	132.04021	2.62704	0.1770841	2.4669253	15374
(28419)	15.5	312.94407	219.87684	61.32563	6.20506	0.1836470	2.2895279	15357	(28471)	15.4	136.64478	99.72618	81.27300	3.19816	0.1447472	2.3697889	15375
(28420)	14.0	108.92441	53.70609	353.52142	15.74960	0.1469618	3.1014940	15357	(28472)	14.1	89.33800	88.24548	129.27378	14.15328	0.1057487	2.5675683	15375
(28421)	14.9	286.63874	316.10713	122.65659	24.28855	0.0906264	1.9271631	15358	(28473)	13.4	104.90013	110.60344	48.12311	10.78581	0.0386655	3.0122338	15375
(28422)	14.2	62.95065	352.62168	167.17675	9.58620	0.0918593	2.7579122	15358	(28474)	15.3	106.97741	120.04388	108.72462	5.77242	0.1191441	2.2441735	15376
(28423)	13.6	181.60878	220.54460	145.69559	3.37911	0.0728840	3.2147634	15358	(28475)	15.2	171.11611	350.03716	164.69116	4.74196	0.1214413	2.2829909	15376
(28424)	14.2	177.29140	344.97535	36.69570	11.91425	0.2452429	2.4192296	15359	(28476)	14.8	181.68781	29.24041	118.54579	6.30094	0.0917279	2.2776321	15376
(28425)	14.2	135.20581	215.70073	239.59067	4.80931	0.1113750	2.5260732	15359	(28477)	13.6	87.34910	92.38473	138.30767	15.63313	0.1083267	2.4898441	15377
(28426)	14.7	8.53275	81.46157	128.37687	3.58319	0.10159669	2.6988835	15360	(28478)	15.4	45.69153	27.70543	267.91781	0.97542	0.1586491	2.1452200	15377
(28427)	15.4	330.56246	257.53685	350.73215	1.48480	0.1507265	2.5492700	15360	(28479)	15.0	106.19445	62.13272	158.16142	4.48466	0.0925887	2.2929071	15377
(28428)	15.3	292.85934	319.87990	347.30974	1.79606	0.1492289	2.2745042	15360	(28480)	15.2	89.91070	293.04288	306.29259	1.85836	0.1813425	2.3660989	15378
(28429)	15.1	342.85946	46.05129	238.91166	5.26453	0.2219655	2.2742786	15361	(28481)	15.3	91.65198	57.11103	171.41810	1.19903	0.1419599	2.4122230	15378
(28430)	15.2	322.70401	266.77605	19.10722	7.09310	0.1269362	2.2673554	15361	(28482)	14.8	67.20534	51.73623	178.72593	2.07067	0.1763901	2.7728870	15378
(28431)	14.3	141.78560	92.51383	98.47763	7.43930	0.1415020	2.2572805	15361	(28483)	15.1	126.48369	105.23442	103.11264	1.08241	0.1515816	2.2902537	15379
(28432)	13.3	116.73142	210.77815	272.82647	12.15507	0.1136720	2.6716274	15362	(28484)	15.3	68.10748	54.75363	220.02115	4.71405	0.1742972	2.2100763	15379
(28433)	14.3	284.56358	329.24750	2.47627	4.00490	0.1729210	2.6082599	15362	(28485)	15.0	95.23781	56.45600	188.92259	5.62051	0.1812891	2.3377772	15379
(28434)	13.9	104.38610	128.26497	78.59706	11.21817	0.1914495	2.4099328	15362	(28486)	15.0	42.99865	135.53739	169.85043	4.69133	0.1422935	2.1844533	15380
(28435)	13.9	346.16112	241.59850	350.12553	10.72734	0.0378857	3.0073614	15363	(28487)	14.3	78.38114	252.86812	339.43149	12.14892	0.0670889	2.6211442	15380
(28436)	15.9	259.95962	350.30752	358.46862	4.93651	0.1027620	2.2108297	15363	(28488)	14.2	170.72781	49.51769	123.68794	9.22965	0.0474897	2.3032324	15380
(28437)	14.5	87.76571	312.28204	308.97796	5.06498	0.1393240	2.2067630	15363	(28489)	12.2	107.18005	10.36325	163.77685	22.79340	0.0533991	3.1861679	15381
(28438)	15.6	90.61280	242.68899	333.27124	1.60970	0.1591792	2.3632489	15364	(28490)	12.5	198.28193	292.84256	149.31522	16.83024	0.1551241	3.1095528	15381
(28439)	14.8	57.75353	118.73224	87.97382	4.33515	0.0978206	2.7629459	15364	(28491)	13.6	133.75467	48.60066	150.03482	14.03727	0.1970404	2.5815450	15381
(28440)	14.9	60.04279	175.19713	93.82830	9.09483	0.2125426	2.2111997	15364	(28492)	14.4	93.55083	254.76209	20.44174	6.61590	0.1310237	2.2818686	15382
(28441)	15.4	352.93173	231.99510	109.42433	24.16352	0.0832212	1.9362748	15365	(28493)	15.3	138.88800	1.07322	192.42776	2.95232	0.0599909	2.3390969	15382
(28442)	14.6	93.54776	184.81932	32.88326	2.93663	0.1390584	2.4060779	15365	(28494)	15.1	29.07204	44.48499	276.51949	3.28105	0.1656724	2.2132842	15382
(28443)	15.7	91.56191	54.42315	175.71295	1.35110	0.1233984	2.2272352	15365	(28495)	14.2	136.89362	241.64399	330.26803	11.16293	0.0947409	2.2734571	15383
(28444)	14.7	82.33496	111.36178	131.93875	6.74736	0.1527782	2.2642879	15365	(28496)	14.5	335.04909	138.97709	139.25167	5.44360	0.1391972	3.2054583	15383
(28445)	13.8	10.49687	140.34037	137.28432	13.65117	0.1014432	2.7070980	15366	(28497)	15.8	68.46552	29.17751	228.63339	0.11639	0.1911153	2.3550243	15383
(28446)	14.8	135.09496	103.54387	96.54612	3.98655	0.1727656	2.3123703	15366	(28498)	13.9	60.21564	84.77791	195.29657	11.77497	0.2149636	2.4333576	15383

(28499)	14.9	52.77697	8.84482	277.69444	5.54293	0.2322514	2.2138635	15384	(28551)	14.7	109.10454	210.59613	30.83212	2.70870	0.1716391	2.3804649	15400
(28500)	14.9	11.56159	338.66802	346.34109	6.80741	0.1468337	2.2705690	15384	(28552)	13.5	67.16477	276.59493	351.65871	6.49949	0.1691565	2.6298505	15400
(28501)	16.7	27.56482	141.44721	156.06350	1.54582	0.1948348	2.3642566	15384	(28553)	15.2	31.95985	336.32042	357.31498	1.73315	0.1458865	2.2068975	15400
(28502)	13.5	352.60667	155.45343	160.26998	12.10393	0.1922298	2.6480336	15384	(28554)	14.6	57.53669	262.49883	25.84962	4.34819	0.1673602	2.5421746	15401
(28503)	14.6	39.07641	275.87174	11.18017	2.31074	0.1924987	2.4081854	15385	(28555)	15.0	221.14520	332.24102	146.35708	1.86294	0.0328521	2.3718608	15401
(28504)	14.7	56.93775	278.35380	349.45959	6.53116	0.0983453	2.3643324	15385	(28556)	14.2	8.36541	188.24282	146.10398	2.73841	0.1656715	2.5251919	15401
(28505)	15.2	121.60864	214.38274	353.64535	5.44952	0.1356042	2.3422847	15385	(28557)	14.9	176.57768	140.76361	18.78771	5.97922	0.0893177	2.4005726	15402
(28506)	14.2	65.64927	263.47780	16.47513	3.42571	0.2003916	2.2648698	15386	(28558)	14.6	81.08748	37.66204	235.69473	1.38120	0.1337396	2.3771405	15402
(28507)	15.1	73.50573	296.65712	343.71047	5.46476	0.1470536	2.1887978	15386	(28559)	14.3	80.23803	272.68818	356.03217	6.07474	0.1237757	2.4547487	15402
(28508)	14.5	73.63016	222.70525	42.24444	5.62927	0.1120099	2.4053173	15386	(28560)	14.0	111.31350	201.14898	14.80453	7.23162	0.0519752	2.6200445	15403
(28509)	15.1	111.32480	215.88665	14.14987	2.21651	0.0464745	2.2640709	15387	(28561)	14.0	62.47811	206.07572	37.68083	1.55768	0.1397473	3.1338046	15403
(28510)	13.3	91.57194	76.17093	166.82928	15.24885	0.0511874	2.6135082	15387	(28562)	14.8	27.86690	150.86381	188.60309	11.38431	0.2349909	2.3328610	15404
(28511)	15.4	169.47166	1.48339	164.10533	2.44195	0.1416052	2.3825433	15387	(28563)	15.8	179.25543	304.74217	213.26879	1.09448	0.0545508	2.3113072	15404
(28512)	14.5	90.20901	189.58808	41.45483	3.62075	0.1462328	2.6260014	15388	(28564)	14.9	46.55673	145.19718	163.58927	4.75550	0.1839675	2.3005762	15404
(28513)	16.2	24.78108	145.69750	149.56079	2.71076	0.2122037	2.4002023	15388	(28565)	14.5	45.21124	149.53795	185.40170	5.32219	0.2842304	2.1787778	15405
(28514)	15.2	177.60421	175.52011	341.42709	8.41491	0.0673527	2.3024488	15388	(28566)	16.3	295.51610	21.53936	32.48673	0.63122	0.1102739	2.1463172	15405
(28515)	14.7	50.49668	278.65859	352.69813	8.46778	0.1574257	2.5472027	15389	(28567)	14.7	76.88156	267.01033	354.62742	14.17217	0.1490512	2.5318628	15405
(28516)	14.2	126.29924	199.12446	337.85161	8.56807	0.0875799	2.6451510	15389	(28568)	15.6	127.19544	286.87462	269.11850	0.60949	0.0833866	2.5586732	15406
(28517)	13.5	213.31250	52.48630	72.17327	8.50994	0.0430296	2.2916989	15389	(28569)	15.7	334.00871	11.21430	3.48788	2.97029	0.1413394	2.2800988	15406
(28518)	14.6	54.72479	204.85009	82.90658	7.23195	0.1283436	2.4468081	15390	(28570)	15.8	116.19099	207.87200	13.88527	5.99047	0.1152864	2.2754173	15406
(28519)	14.1	63.48759	258.60346	33.52268	5.07913	0.1501851	2.2900090	15390	(28571)	15.1	43.53092	242.85501	51.63352	7.22648	0.1098867	2.3028820	15406
(28520)	14.5	161.69762	193.75527	9.12202	4.69345	0.0729260	2.2040063	15390	(28572)	14.4	89.89858	123.22662	118.15789	5.37448	0.1589799	2.4426080	15407
(28521)	16.2	101.97278	339.14198	242.30393	2.02866	0.0830440	2.3600395	15391	(28573)	14.0	13.06193	264.80889	43.70432	3.91797	0.1631827	2.5231682	15407
(28522)	15.6	63.46562	280.37364	9.90535	0.93889	0.1331016	2.1450363	15391	(28574)	15.0	53.86004	191.56501	98.64519	6.31469	0.2038451	2.3147390	15407
(28523)	14.4	314.01599	2.98710	313.60598	0.22666	0.2021485	3.1977429	15391	(28575)	15.9	4.21011	155.27646	193.83512	2.72721	0.1935493	2.2995966	15407
(28524)	15.3	55.66457	287.14429	359.08417	2.69409	0.1890234	2.3562194	15392	(28576)	13.8	34.73363	244.15426	66.22184	6.35802	0.1292691	2.4610961	15408
(28525)	15.5	25.76774	15.03060	306.79492	3.74757	0.1859707	2.2307090	15392	(28577)	13.3	52.91869	303.43243	352.75501	13.11103	0.1502481	2.6124514	15408
(28526)	16.4	223.85691	156.44144	326.96975	1.48595	0.0205184	2.1346589	15392	(28578)	14.0	94.05208	293.59681	326.28339	5.64044	0.0847392	2.4014037	15408
(28527)	15.3	51.52948	113.62811	180.09815	5.41738	0.1511470	2.3363398	15392	(28579)	13.9	146.08486	186.68032	52.26786	3.90361	0.1550577	2.2686240	15409
(28528)	14.5	52.17338	144.99651	154.33070	7.38288	0.2181534	2.3315018	15393	(28580)	15.2	171.86392	351.05317	186.36213	6.17813	0.0772709	2.3226175	15409
(28529)	13.4	37.52007	281.86630	350.12619	8.34336	0.1574741	2.8171415	15393	(28581)	15.3	234.75771	13.02362	97.60715	6.94951	0.1201558	2.2259517	15410
(28530)	15.5	103.68332	2.13896	214.75071	0.26702	0.1427641	2.5898761	15393	(28582)	13.4	153.10091	0.20941	155.49647	13.41378	0.0786359	2.7521445	15410
(28531)	15.1	44.85348	133.95663	158.59755	3.40711	0.1819761	2.4675054	15394	(28583)	14.8	115.00073	155.54498	66.52448	5.82484	0.1911441	2.5499947	15410
(28532)	14.6	347.68213	158.22547	187.23296	5.59013	0.2748992	2.3555734	15394	(28584)	15.4	190.07199	45.72157	86.11111	3.38875	0.1367799	2.4070140	15410
(28533)	15.6	144.22945	317.51790	237.15440	1.37729	0.1629560	2.3477166	15394	(28585)	14.6	32.08604	249.28734	73.15295	6.19708	0.1673182	2.3116631	15411
(28534)	15.3	80.38314	256.29098	353.01615	7.50305	0.0741780	2.2641878	15394	(28586)	13.9	63.80064	183.61879	62.69062	1.95668	0.1645589	3.1745610	15411
(28535)	15.4	95.12419	162.92316	62.44110	3.82094	0.0557282	2.3439750	15395	(28587)	14.7	252.90339	78.05212	12.75858	6.72979	0.0665851	2.3479350	15411
(28536)	14.8	83.59768	180.89260	47.54600	4.11661	0.1444427	2.5718843	15395	(28588)	13.3	50.39983	253.46227	19.81963	2.45891	0.2044524	3.0682551	15412
(28537)	14.6	23.76565	206.75774	87.73895	5.80257	0.0708352	2.5382900	15395	(28589)	15.2	109.88414	141.57147	102.87264	3.22615	0.0684281	2.2168067	15412
(28538)	14.9	36.36412	250.48716	55.07473	6.89368	0.1386993	2.3539254	15396	(28590)	14.4	25.78690	286.19089	29.12037	8.18900	0.1336775	2.3682418	15412
(28539)	14.4	21.51164	266.81993	40.47228	2.38090	0.2885599	2.6383115	15396	(28591)	14.8	50.72316	245.64895	55.13176	2.55809	0.1933984	2.3780840	15413
(28540)	14.4	87.96320	233.19971	350.81261	4.45344	0.2022518	3.0564714	15396	(28592)	14.6	18.71863	325.62138	348.55657	2.29193	0.1522560	2.5152829	15413
(28541)	15.0	122.84087	116.36323	107.61287	0.64194	0.2057179	2.4246112	15396	(28593)	13.9	41.03322	140.89354	128.62964	10.94332	0.0686954	2.9687882	15413
(28542)	14.5	22.83144	322.65120	325.05481	2.91181	0.1487558	2.7971637	15397	(28594)	13.4	61.99894	201.03529	68.01025	9.09165	0.1811520	2.7653304	15414
(28543)	14.7	136.00279	25.59474	173.26760	6.05942	0.0679643	2.3735379	15397	(28595)	13.1	347.11797	178.03757	126.78171	11.73433	0.0855276	3.0023610	15414
(28544)	16.1	268.36028	332.92516	98.34228	2.56725	0.0615116	2.1641086	15397	(28596)	15.0	67.44552	112.16276	155.92783	14.11873	0.0202361	2.5123370	15414
(28545)	14.6	182.04001	329.37886	185.90888	24.29499	0.1986095	2.3437732	15398	(28597)	13.7	180.52977	342.63117	178.11719	15.92280	0.0669163	2.5467556	15415
(28546)	12.4	352.99431	126.25396	184.39966	9.34447	0.0785047	3.1650635	15398	(28598)	15.4	95.19824	109.74462	152.38658	5.97766	0.0738064	2.3934746	15415
(28547)	15.4	116.49083	330.66530	258.80210	6.35054	0.0860149	2.2365069	15398	(28599)	14.1	78.87260	128.84613	135.81106	14.49014	0.1401833	2.5549609	15415
(28548)	15.6	291.60820	233.04115	174.06451	3.30894	0.0760128	2.3317603	15399	(28600)	14.6	26.06663	313.87376	3.46179	7.50315	0.1305427	2.3479689	15415
(28549)	14.3	58.57409	274.36204	7.99900	7.26385	0.0841465	2.4760389	15399	(28601)	15.2	92.84325	67.00005	216.02858	2.71212	0.1422506	2.2262753	15416
(28550)	14.0	76.39616	98.95358	176.72701	5.86123	0.1290839	2.4141035	15399	(28602)	14.7	24.03334	322.65168	340.95660	2.96862	0.0459492	2.6346909	15416

(28603)	14.1	161.19156	172.58165	358.16003	2.54241	0.1016672	2.5207266	15416	(28655)	15.6	287.83664	229.74648	181.80950	2.84471	0.0662424	2.3989617	15432
(28604)	14.0	51.69118	196.25946	67.36216	2.40054	0.1656743	3.0466393	15417	(28656)	14.9	276.68543	222.85411	205.76307	5.28842	0.0488669	2.3505573	15432
(28605)	15.2	88.20281	102.04049	123.86878	3.59831	0.0731246	2.5838767	15417	(28657)	15.2	292.00150	88.78972	336.27291	1.39583	0.0811615	2.2146689	15433
(28606)	14.6	213.11525	56.36106	81.21450	7.17133	0.0423785	2.2907050	15418	(28658)	13.8	9.00376	300.74025	16.81937	2.94757	0.1121326	2.8125331	15433
(28607)	14.2	111.29126	348.91606	266.54881	4.49382	0.1328167	2.2413551	15418	(28659)	13.5	136.73184	228.35779	302.23884	1.03570	0.0451952	2.9419314	15433
(28608)	14.3	92.85526	359.24562	231.05064	5.55329	0.1085957	2.6533197	15418	(28660)	14.7	64.18579	111.59778	173.52976	3.78672	0.1602268	2.5878419	15434
(28609)	14.3	107.73060	293.03231	289.90535	10.95574	0.2205167	2.6323400	15418	(28661)	14.5	352.93245	147.41690	177.48749	1.95874	0.0921423	2.9374669	15434
(28610)	12.4	60.74224	332.95835	317.04839	15.71188	0.2468843	2.5856281	15419	(28662)	14.4	178.92028	84.35772	66.96382	1.64811	0.0631506	2.5380270	15434
(28611)	15.0	116.35506	178.91532	57.71499	4.92173	0.1817498	2.2339379	15419	(28663)	14.0	10.06813	270.99662	43.01928	1.65611	0.2274744	3.1997559	15435
(28612)	15.0	61.38938	180.23291	66.91660	0.79386	0.1049309	3.0729590	15419	(28664)	15.4	51.34732	112.24592	219.89700	2.24161	0.1394803	2.2141809	15435
(28613)	13.2	197.89430	7.96284	117.39062	12.57450	0.0405190	2.7026548	15420	(28665)	15.0	336.08483	198.87997	145.40153	2.74656	0.0772057	2.8931986	15435
(28614)	14.4	69.84993	163.23762	152.94882	3.04402	0.1634733	2.2087854	15420	(28666)	15.5	296.14874	263.86956	146.64091	2.70380	0.1586970	2.3413425	15436
(28615)	14.2	102.59072	223.31207	356.75713	3.13698	0.0865390	2.9408325	15420	(28667)	15.1	355.47515	295.00358	42.85054	4.20359	0.1156600	2.7852719	15436
(28616)	13.6	38.07416	232.53804	42.06666	15.21181	0.2744942	2.7975824	15421	(28668)	14.9	47.19635	156.29648	179.66042	1.54525	0.2055288	2.2910767	15436
(28617)	13.5	223.59025	297.31035	113.54728	16.07277	0.0322896	3.2273280	15421	(28669)	16.3	184.88370	339.25512	204.30505	2.77643	0.0838269	2.2142070	15437
(28618)	14.5	108.53048	121.88950	123.58112	7.67023	0.0981974	2.2871279	15421	(28670)	13.6	53.35284	240.99304	44.82159	4.99529	0.1434265	2.7910177	15437
(28619)	13.6	325.58467	175.38922	161.15969	20.04369	0.1703802	3.2038560	15422	(28671)	13.6	27.93087	211.94148	83.94545	2.32648	0.1696111	3.1280443	15437
(28620)	14.0	15.13135	303.11252	40.31803	4.63087	0.1099568	2.2761598	15422	(28672)	14.4	142.66763	36.50917	183.35957	5.71574	0.0875129	2.3175610	15438
(28621)	14.8	156.42677	248.60973	316.90448	3.26451	0.0129645	2.2450152	15422	(28673)	14.8	50.81805	135.95288	190.41539	2.84356	0.1363041	2.3029939	15438
(28622)	14.2	10.25210	345.16488	329.26718	2.18587	0.1292964	2.8664655	15422	(28674)	15.5	24.94690	205.32207	156.48480	2.15308	0.1931872	2.1975503	15438
(28623)	15.0	213.37839	84.82433	28.17326	6.34540	0.1134455	2.4565436	15423	(28675)	14.4	29.76410	158.07160	142.06405	1.55313	0.1631450	3.0531368	15439
(28624)	14.0	208.01816	55.71451	66.79987	8.92390	0.0774279	2.3069696	15423	(28676)	14.7	329.05207	17.36938	22.85706	5.41044	0.1773111	2.2274279	15439
(28625)	14.9	20.03577	197.75591	131.93375	4.00953	0.0574680	2.3368362	15423	(28677)	14.9	265.07569	223.37267	235.05109	1.89602	0.0745978	2.2392343	15439
(28626)	15.0	160.37875	125.09130	41.27891	5.36275	0.1166419	2.4870585	15424	(28678)	14.8	329.84956	192.79594	196.45372	4.23007	0.0622617	2.3684769	15440
(28627)	13.8	60.30618	85.33269	162.71796	9.16569	0.1222809	3.0129284	15424	(28679)	13.9	163.47151	309.16972	197.10109	8.66953	0.0798473	2.9774730	15440
(28628)	14.6	30.70355	127.93163	151.10612	5.11667	0.1541595	3.0933767	15424	(28680)	15.1	146.09050	166.64989	46.37521	3.15286	0.1440096	2.3801769	15440
(28629)	14.9	53.34533	208.82448	76.92196	2.88952	0.1874643	2.6804844	15425	(28681)	14.6	52.24734	0.51830	317.46811	1.43528	0.1615649	2.4866669	15441
(28630)	15.8	236.27754	346.89965	129.00600	4.10039	0.0829357	2.2116469	15425	(28682)	14.2	191.41737	119.14220	26.51090	4.32186	0.0463075	2.6076355	15441
(28631)	14.4	24.35491	179.15897	109.96773	2.42898	0.1370654	3.0810716	15425	(28683)	14.5	319.48581	354.96507	22.04244	3.62839	0.0809167	2.7392574	15441
(28632)	14.7	98.40828	169.81906	71.19495	3.90675	0.1168176	2.5653167	15425	(28684)	14.0	95.78587	100.76978	113.96679	1.83342	0.1534532	3.1656204	15442
(28633)	14.8	310.34166	321.61365	74.58635	5.55726	0.1921087	2.2741534	15426	(28685)	13.6	349.96388	188.41801	150.45051	1.16231	0.1479726	3.1106893	15442
(28634)	13.3	53.95802	245.47575	33.31889	12.62006	0.1055952	2.7200609	15426	(28686)	14.8	148.88372	344.47648	211.12064	1.46063	0.0822536	2.5557813	15442
(28635)	14.7	22.87530	265.94985	44.70474	4.20101	0.0548160	2.4367330	15426	(28687)	14.6	31.98012	246.78814	54.54032	2.87986	0.0853953	2.9266494	15443
(28636)	14.9	302.52559	296.89613	99.83585	5.89655	0.1070447	2.3588656	15427	(28688)	14.3	95.65776	200.55842	39.45573	7.77368	0.0405561	2.7491274	15443
(28637)	12.8	326.55409	226.08900	140.11856	12.27567	0.2553193	2.6536517	15427	(28689)	14.9	9.11223	138.26854	197.09188	3.72366	0.1067360	2.7722613	15444
(28638)	14.5	115.26551	275.77309	301.69599	1.18505	0.1401244	2.6631053	15427	(28690)	14.2	352.66412	307.62813	68.76002	2.21300	0.1943753	2.4280877	15444
(28639)	13.4	149.11523	180.21134	339.45685	9.81567	0.0475154	2.9761048	15428	(28691)	13.5	90.70660	36.65112	218.89342	4.55069	0.0994492	2.6769000	15444
(28640)	14.1	151.29446	255.32786	261.10596	8.38217	0.1062676	2.9301236	15428	(28692)	14.1	349.99443	302.62788	34.96512	2.23852	0.0622999	2.9051620	15445
(28641)	13.5	105.81277	334.64619	248.31589	6.98283	0.1596994	2.7948353	15428	(28693)	15.1	13.30243	167.33057	192.63224	6.32429	0.1386385	2.3882840	15445
(28642)	14.6	212.29422	195.77749	302.50911	5.20727	0.1216407	2.3556531	15428	(28694)	12.3	106.85088	76.72418	119.51139	15.26982	0.0962483	3.0553031	15445
(28643)	14.6	185.82527	168.95759	9.12641	4.10268	0.1109081	2.2937912	15429	(28695)	15.0	344.46989	321.67684	34.17555	4.88614	0.0936297	2.3773072	15446
(28644)	14.8	19.30874	226.37622	118.62741	5.38447	0.1274547	2.2315175	15429	(28696)	13.3	34.21094	215.32064	93.55136	8.64041	0.2131633	2.7758406	15446
(28645)	14.7	45.18884	97.71909	165.13126	12.67911	0.1176080	3.0724724	15429	(28697)	14.2	185.40478	14.84936	115.58101	4.88496	0.0469835	2.7932296	15446
(28646)	15.2	34.81633	22.73251	298.53248	2.19762	0.1268276	2.3364128	15429	(28698)	14.6	187.96850	352.18432	163.30604	6.84263	0.1038684	2.3942528	15446
(28647)	15.1	30.05830	133.99532	203.52021	3.80648	0.2971427	2.5794572	15430	(28699)	13.5	79.78119	188.98448	70.08820	9.20495	0.1740390	2.7632176	15447
(28648)	14.7	244.39841	253.71136	197.40321	4.89794	0.0359482	2.5832944	15430	(28700)	14.2	342.17162	267.62480	112.81992	6.07489	0.1282961	2.2994894	15447
(28649)	13.6	127.63905	183.49840	24.53183	12.63287	0.1893205	2.6710382	15430	(28701)	13.9	144.35861	78.59822	90.30081	7.65064	0.2348931	2.7194958	15447
(28650)	13.2	2.47318	101.07095	189.03235	10.05167	0.0874452	3.0044338	15431	(28702)	13.7	59.64265	132.97279	165.47674	9.99200	0.1231631	2.5295985	15448
(28651)	14.7	313.21481	158.85926	199.48951	3.09200	0.2052105	2.6141998	15431	(28703)	13.3	40.57019	165.78330	105.61712	11.08497	0.0308200	3.0806153	15448
(28652)	15.6	298.65416	135.49342	269.48568	1.96657	0.1536428	2.2520263	15431	(28704)	14.1	172.31224	342.65008	172.59845	14.32049	0.1855987	2.5591615	15448
(28653)	16.0	54.24229	73.59889	195.09487	3.07982	0.0326438	2.6486721	15432	(28705)	14.7	224.27266	348.37208	120.46310	7.20286	0.1160170	2.5141655	15449
(28654)	15.4	36.12216	68.48551	239.65744	1.31633	0.1831211	2.6244758	15432	(28706)	15.2	115.72434	112.43617	100.18224	7.86972	0.0493128	2.6152789	15449

(28707)	15.3	38.36585	60.36338	224.90451	1.18101	0.0410449	2.8831326	15449	(28759)	14.5	217.46241	64.21782	66.12727	3.64345	0.0617507	2.5264750	15465
(28708)	13.2	350.78527	100.21939	227.63552	8.44062	0.0806328	3.1679120	15450	(28760)	14.4	131.69203	359.30182	223.03378	7.79933	0.0224687	2.5238567	15465
(28709)	13.6	89.98965	202.71918	27.67740	1.66108	0.1640060	3.1262531	15450	(28761)	14.2	306.61730	19.27271	38.50310	6.68636	0.2059272	2.3492445	15466
(28710)	15.0	320.95021	132.66553	240.86148	5.03553	0.1181705	2.4014682	15450	(28762)	13.7	256.15524	204.27258	225.04969	8.56525	0.0110063	3.0494904	15466
(28711)	15.5	146.53398	322.64594	232.80248	3.71314	0.1088491	2.3798975	15451	(28763)	13.6	110.03617	186.81453	24.56747	0.93413	0.1136821	3.0920207	15467
(28712)	14.1	20.53266	233.99051	71.63260	2.75068	0.1351293	2.8804681	15451	(28764)	13.6	40.05725	75.04459	228.24990	7.12535	0.1543084	3.0746010	15467
(28713)	14.0	65.46860	151.70115	145.48870	2.58969	0.0744875	2.3235146	15451	(28765)	14.7	66.81178	286.04035	45.03279	1.65273	0.1181277	2.2546748	15467
(28714)	14.2	57.76880	254.33903	68.50039	3.32300	0.1880862	2.2560644	15451	(28766)	13.4	55.59285	218.73523	74.25578	2.49196	0.1763246	3.0640604	15468
(28715)	14.7	34.96158	168.71874	122.69107	2.73575	0.0520330	2.7891626	15452	(28767)	15.7	304.79413	303.15024	100.59736	2.40863	0.1762287	2.4021665	15468
(28716)	14.5	72.16296	247.09424	53.37558	7.59274	0.1400560	2.3369390	15452	(28768)	14.0	19.55161	340.87417	17.71135	6.28910	0.2392108	2.3809634	15468
(28717)	14.4	25.08289	114.67420	217.59319	14.00401	0.1566871	2.6020763	15452	(28769)	14.4	45.65730	239.78677	90.47374	3.24603	0.1077207	2.3927421	15469
(28718)	14.9	38.17094	332.27956	7.08397	7.31543	0.1563307	2.2805868	15453	(28770)	14.6	11.42603	198.33702	130.57533	7.11576	0.0642516	2.7867201	15469
(28719)	15.6	193.88270	30.57933	119.60691	2.13189	0.1255026	2.3882918	15453	(28771)	14.9	10.91212	117.69859	262.25687	1.47612	0.1371828	2.1907562	15469
(28720)	14.4	114.62384	88.24345	148.60330	3.47972	0.1529286	2.5376760	15453	(28772)	14.2	21.91947	322.36188	344.91173	5.19954	0.0203792	2.8160655	15469
(28721)	13.1	91.38726	61.30704	194.34590	14.21077	0.0586863	2.5728686	15453	(28773)	12.4	79.03048	262.90379	343.53225	9.29175	0.0713533	3.0168384	15470
(28722)	14.5	180.47090	75.77192	90.01066	4.88650	0.1380070	2.4070651	15454	(28774)	14.1	264.29102	287.65598	143.41390	13.04057	0.1485487	2.6088965	15470
(28723)	14.8	296.47657	282.67091	142.55924	4.74350	0.1231352	2.3110558	15454	(28775)	13.1	135.68973	13.98869	168.65889	15.87421	0.0182137	3.1279643	15470
(28724)	14.3	101.66477	242.35053	34.16276	4.67294	0.1449501	2.2001283	15454	(28776)	13.4	155.10375	97.09082	90.95381	14.21041	0.1343071	2.5705394	15471
(28725)	14.4	145.10886	158.66188	28.09919	8.62313	0.1512477	2.4360921	15455	(28777)	14.6	318.71314	291.40281	103.84715	12.70919	0.0671551	2.5481442	15471
(28726)	14.7	20.55451	272.70559	41.37673	3.99402	0.0740137	2.6729210	15455	(28778)	14.7	131.74411	137.13889	55.03085	4.59191	0.0361917	2.7906763	15471
(28727)	13.5	158.05491	310.44130	222.13215	15.46296	0.2220931	2.6931482	15455	(28779)	14.8	26.15908	290.17901	69.87784	2.96090	0.1629909	2.2926628	15472
(28728)	14.8	195.88367	27.18086	103.78434	8.58125	0.1739191	2.6700561	15456	(28780)	15.5	19.98320	109.81411	256.94883	1.25342	0.1787242	2.3032136	15472
(28729)	16.0	289.69158	242.81345	195.18741	3.55322	0.1073045	2.2440690	15456	(28781)	14.6	315.37432	178.92932	196.84719	1.34330	0.0975432	3.0152674	15472
(28730)	13.4	105.36606	132.35143	78.24119	10.30002	0.0886272	3.0505452	15456	(28782)	15.5	278.55059	258.27959	199.65557	4.76601	0.0600303	2.2347823	15472
(28731)	13.8	118.52262	177.23710	54.00778	14.62189	0.0991363	2.5681165	15457	(28783)	15.0	339.74743	322.52744	73.20719	3.47282	0.2122159	2.3656139	15473
(28732)	14.1	48.77085	167.76304	162.27555	6.43070	0.1562406	2.4260257	15457	(28784)	14.1	295.42777	345.23633	57.42975	2.95302	0.0624052	2.8706965	15473
(28733)	13.9	80.59206	82.06852	167.02251	10.68244	0.1079608	3.0664489	15457	(28785)	14.1	55.48980	169.84446	135.45983	1.17577	0.0419375	2.5843062	15473
(28734)	14.7	245.63896	38.53079	78.50545	7.40220	0.0974656	2.2906143	15458	(28786)	13.8	61.06076	77.85331	218.92081	11.00500	0.0408358	2.6506049	15474
(28735)	13.8	267.00527	9.22191	94.20977	7.49797	0.0654413	2.3486621	15458	(28787)	14.1	45.27936	253.45391	76.80388	4.25254	0.1074813	2.5579502	15474
(28736)	13.4	205.52255	28.68585	131.33591	9.73604	0.0676725	2.2805788	15458	(28788)	13.8	16.24765	280.41209	86.95926	3.26468	0.2217060	2.3889883	15474
(28737)	14.2	126.04612	105.61022	129.53406	6.79727	0.0972853	2.4374398	15459	(28789)	14.7	352.71600	349.23394	356.67314	0.53169	0.1763224	3.1265022	15475
(28738)	14.8	25.74278	178.69692	162.91428	6.11544	0.0952948	2.4107246	15459	(28790)	15.1	36.87377	248.79420	73.73189	0.34625	0.0515436	2.5886706	15475
(28739)	14.1	114.40579	63.17250	150.60597	8.00804	0.1529023	2.8093431	15459	(28791)	14.8	7.47661	190.52394	134.05019	1.54732	0.0837103	3.0092003	15475
(28740)	14.3	239.16334	337.38939	115.86448	6.56130	0.0361618	2.7410224	15459	(28792)	15.2	98.79138	134.68681	107.81903	2.93964	0.0277043	2.6609483	15476
(28741)	13.1	355.61493	255.65185	86.10684	13.89833	0.0660887	2.8514139	15460	(28793)	14.1	88.36925	101.02468	165.73593	3.07924	0.0899682	2.5802261	15476
(28742)	14.4	265.98951	4.71652	97.09636	7.13417	0.0867665	2.3931518	15460	(28794)	14.5	16.90625	108.89482	251.44657	7.43143	0.1868545	2.2455227	15476
(28743)	12.8	41.17647	200.18364	103.04595	10.56659	0.1404146	2.7724717	15460	(28795)	15.1	199.27487	227.90776	290.58111	4.05972	0.0717957	2.3112245	15476
(28744)	15.1	244.48994	321.78521	140.95116	6.65081	0.0478620	2.4282470	15461	(28796)	14.1	10.76319	238.97441	113.85213	5.02079	0.1120694	2.6641209	15477
(28745)	15.9	297.66022	223.72047	197.90309	1.54520	0.1573785	2.2623212	15461	(28797)	13.8	19.63693	134.63350	179.22860	10.16369	0.1118640	3.0809786	15477
(28746)	15.5	355.58188	182.03473	161.39362	2.21197	0.2150707	2.3735684	15461	(28798)	13.7	356.92177	353.23682	2.40205	8.39249	0.1304258	2.5945705	15477
(28747)	15.5	13.63449	304.50115	6.62715	2.05358	0.0487926	2.8610519	15462	(28799)	15.1	352.15581	211.99074	173.73397	3.32223	0.1446171	2.2479814	15478
(28748)	14.0	102.77261	212.56422	66.25212	5.80795	0.1935220	2.4022240	15462	(28800)	14.1	313.94786	224.70141	191.32365	8.17374	0.1633294	2.3161466	15478
(28749)	13.9	14.71875	212.04680	142.47363	7.31623	0.1510444	2.4382799	15462	(28801)	14.5	344.59286	262.99231	128.49962	4.54454	0.1217747	2.3430516	15478
(28750)	15.6	15.06115	168.66239	179.81090	3.67113	0.1331922	2.2986812	15462	(28802)	14.3	311.71755	81.94441	318.13640	5.02073	0.1147858	2.3399017	15478
(28751)	15.1	28.36692	47.30740	276.75238	1.75463	0.1142133	2.5199289	15463	(28803)	14.3	291.39660	293.81994	117.37245	15.77130	0.0897764	2.5638897	15479
(28752)	15.7	17.78554	12.75812	323.45798	0.81756	0.1476088	2.2221195	15463	(28804)	14.4	32.42800	328.90177	11.07651	3.81823	0.2047017	2.5942360	15479
(28753)	13.5	233.38258	350.45532	127.06529	25.74047	0.2225353	2.3362045	15463	(28805)	14.2	333.25736	251.52425	144.00277	5.65807	0.1826991	2.4286017	15479
(28754)	12.8	152.44706	300.73581	218.87712	16.54678	0.2172487	2.9137685	15464	(28806)	14.2	182.67018	321.64337	199.78413	12.89861	0.0903314	2.5479187	15480
(28755)	14.6	314.99662	271.52033	96.73631	3.39851	0.0714296	2.8748061	15464	(28807)	15.6	351.32471	353.64040	44.99730	5.07369	0.1131911	2.2396308	15480
(28756)	14.1	317.46468	6.85241	3.99478	1.88414	0.1259471	2.9821500	15464	(28808)	14.7	336.87468	30.13287	345.01705	4.26990	0.0562283	2.6021240	15480
(28757)	14.7	70.22965	113.60459	142.11656	2.22437	0.1843279	3.1758918	15465	(28809)	14.7	351.16227	288.18835	53.91232	7.21138	0.1020827	2.5128757	15480
(28758)	13.5	15.37884	183.27825	142.07948	2.27505	0.1736844	3.1112240	15465	(28810)	14.3	21.59651	144.67138	172.58206	5.16899	0.0530197	2.7916917	15481

(28811)	13.4	207.21902	312.60841	160.56902	17.20681	0.0549333	3.0982263	15481	(28863)	13.0	14.10755	138.78241	188.06170	13.83687	0.1312079	3.2160755	15495
(28812)	14.7	76.04165	40.60212	235.48005	12.55549	0.1189649	2.7517133	15481	(28864)	12.9	54.39949	308.65171	337.27837	14.20049	0.0978980	2.5878191	15496
(28813)	14.2	11.72321	210.32641	122.77772	2.47336	0.1132980	3.0506538	15481	(28865)	14.4	237.23637	306.02757	185.87844	6.38968	0.0532710	2.3889750	15496
(28814)	14.0	24.84083	167.39515	158.89137	8.77372	0.2287304	2.8004673	15482	(28866)	14.2	250.44296	351.28280	123.01728	9.39060	0.1158733	2.3669707	15496
(28815)	12.8	336.23720	155.33639	185.79168	12.04122	0.1071318	3.2462224	15482	(28867)	14.0	302.65834	146.20770	273.74963	3.12542	0.2177250	2.3681118	15497
(28816)	14.8	187.71023	68.99430	97.07425	3.14553	0.1427411	2.4075197	15482	(28868)	14.2	326.82094	150.33775	243.38445	4.00898	0.0899823	2.7122678	15497
(28817)	14.5	106.82289	320.83445	291.41972	3.17349	0.0792866	2.4206755	15483	(28869)	14.7	231.21146	311.18669	158.22974	3.88056	0.0800587	2.6283251	15497
(28818)	14.1	4.52709	53.88077	317.28653	5.34904	0.1502773	2.2622661	15483	(28870)	13.9	114.95735	72.14695	123.75956	18.01120	0.0849330	2.8083051	15497
(28819)	14.2	35.87720	22.59367	317.30172	6.42887	0.1572105	2.3245753	15483	(28871)	14.0	354.16111	208.25422	148.90096	2.67683	0.0739441	2.9267306	15498
(28820)	15.0	277.77106	89.94507	359.90472	9.00373	0.0425890	2.3017578	15483	(28872)	13.9	286.88668	245.19297	167.47800	4.29356	0.0713834	3.0398361	15498
(28821)	14.4	320.26694	60.77378	354.04655	5.08792	0.1130162	2.2237712	15484	(28873)	12.6	196.32528	41.68589	91.09749	11.88832	0.0492885	3.2142160	15498
(28822)	15.9	24.09468	11.96116	319.68594	1.40486	0.1046212	2.6682726	15484	(28874)	15.3	275.69890	223.23362	224.23029	1.83166	0.1562670	2.4277946	15498
(28823)	14.2	36.35502	46.72574	279.08979	7.41142	0.1056439	2.5737304	15484	(28875)	12.7	5.14423	265.21370	78.79776	6.23910	0.1530057	3.1493785	15499
(28824)	14.2	126.73206	259.44824	286.59927	4.54164	0.0993175	3.0980357	15485	(28876)	13.1	4.07651	272.42408	71.50014	9.25874	0.0426070	3.2024592	15499
(28825)	14.2	310.11844	147.16180	250.20505	6.67902	0.1271871	2.6824376	15485	(28877)	14.6	56.45749	154.12144	132.91547	13.84526	0.1123552	2.8382630	15499
(28826)	13.8	341.79169	24.93448	341.92555	4.57265	0.0712173	2.7236334	15485	(28878)	14.7	12.14556	47.07531	320.24798	0.40102	0.1910573	2.5816564	15500
(28827)	14.0	52.05162	305.85065	16.56060	4.21060	0.2192421	2.6352309	15485	(28879)	13.6	347.96868	235.40473	127.65955	20.23776	0.1049425	3.1475636	15500
(28828)	14.6	239.12727	119.65344	351.40761	3.70605	0.1435548	2.4294609	15486	(28880)	13.1	98.75011	109.14902	133.78680	10.71669	0.0512022	3.0186808	15500
(28829)	14.7	29.23707	335.56588	15.01379	3.86350	0.1798856	2.5117113	15486	(28881)	13.8	9.73742	226.48066	132.92519	8.13948	0.0430230	2.7386308	15500
(28830)	13.8	335.49770	108.37512	255.72377	10.93732	0.0844280	2.9669884	15486	(28882)	12.8	28.52695	213.84617	114.62693	14.61456	0.1284020	3.2147901	15501
(28831)	14.7	320.15273	147.24618	239.60307	3.82685	0.0299645	2.7558101	15487	(28883)	14.2	337.35809	207.66079	166.83530	5.22348	0.0564151	2.6143557	15501
(28832)	14.6	239.47208	45.99599	46.53228	3.51746	0.0583419	2.9585250	15487	(28884)	13.3	6.58574	150.26750	163.82666	22.33969	0.0662528	3.0933022	15501
(28833)	15.3	240.66582	48.79050	46.25585	2.66924	0.0150936	2.8410305	15487	(28885)	13.1	47.42389	99.27484	230.37949	8.13122	0.1614286	2.7743879	15501
(28834)	13.6	337.74482	322.39781	52.30411	2.88144	0.0677370	2.8773807	15487	(28886)	14.4	296.89885	207.67802	201.81900	14.90747	0.1044824	2.6251505	15502
(28835)	13.2	34.34523	273.67462	47.45225	3.01989	0.1830941	3.1989060	15488	(28887)	13.4	338.19580	291.31185	100.57976	13.79613	0.2574715	2.4040869	15502
(28836)	15.3	35.73143	104.58483	252.48546	2.72158	0.1574351	2.3335477	15488	(28888)	14.5	200.30181	324.69103	176.09357	5.95635	0.1276189	2.5685668	15502
(28837)	14.8	0.93801	111.75106	250.35555	3.18529	0.1027464	2.6347259	15488	(28889)	13.1	270.60112	312.52154	102.27564	10.39300	0.0774698	3.0400021	15502
(28838)	13.5	239.85879	253.94457	220.77939	14.36744	0.0712670	2.5583439	15488	(28890)	14.4	16.73941	179.05748	164.77745	14.65712	0.0375970	2.6589203	15503
(28839)	14.3	147.97023	97.68258	74.36208	11.39491	0.1159370	3.0613794	15489	(28891)	14.7	309.96369	289.76046	119.25955	6.79004	0.0871597	2.6125314	15503
(28840)	13.7	203.52841	80.40036	73.24192	4.75662	0.1033724	2.5219696	15489	(28892)	14.1	106.98895	65.50858	268.59987	21.42467	0.2229257	2.4217939	15503
(28841)	14.8	286.50281	346.28045	76.79500	0.63340	0.1524665	2.6798512	15489	(28893)	14.8	232.01841	17.85256	117.06983	8.22754	0.0972837	2.3583189	15503
(28842)	14.5	332.40756	136.83607	234.93380	1.17860	0.0682481	2.9094970	15489	(28894)	14.1	3.62986	205.32458	181.42944	5.02360	0.1141513	2.4770232	15504
(28843)	13.8	279.51177	326.68828	83.57536	2.65368	0.1350421	3.1822604	15490	(28895)	13.0	28.45133	113.23798	217.22918	0.95866	0.1367948	3.2134137	15504
(28844)	13.9	325.43488	111.54323	304.35011	7.82489	0.0816608	2.2341365	15490	(28896)	14.2	116.62093	93.50910	190.62536	14.54843	0.1967849	2.6532683	15504
(28845)	15.0	300.19126	193.67858	231.73697	4.41238	0.2111949	2.3599128	15490	(28897)	13.1	197.64423	352.76867	213.42570	13.80060	0.0965963	2.5811237	15505
(28846)	13.9	59.40280	46.57005	260.53940	8.69729	0.1031610	2.6222294	15491	(28898)	13.4	359.95677	192.34825	194.02403	14.62854	0.0914621	2.6237604	15505
(28847)	14.7	270.82303	192.48694	242.45669	11.54436	0.1542142	2.6633323	15491	(28899)	12.5	23.06000	212.05024	112.34098	24.18178	0.0594317	3.2358737	15505
(28848)	14.1	287.03868	2.62576	50.15762	2.98032	0.0859374	2.9336768	15491	(28900)	13.2	74.93874	101.59472	251.35776	11.99488	0.2070269	2.6776670	15505
(28849)	13.5	33.50324	313.71503	0.30086	12.55955	0.1650341	2.6663591	15491	(28901)	13.0	83.81857	71.61863	236.70208	12.36797	0.2516018	2.8597822	15506
(28850)	13.8	328.06325	149.52660	209.42848	9.83421	0.0456453	3.1879326	15492	(28902)	14.2	119.19941	65.01287	244.85193	5.81636	0.1250354	2.3346259	15506
(28851)	14.2	234.14617	303.65062	183.71703	5.29622	0.0427786	2.4841536	15492	(28903)	13.6	359.24602	264.15874	99.41771	12.45168	0.1898631	2.6882946	15506
(28852)	14.2	172.54822	342.00816	192.65161	3.82372	0.0905822	2.6261288	15492	(28904)	12.3	358.00252	136.56871	211.42811	16.40285	0.1053880	3.2045541	15506
(28853)	14.1	51.62974	177.75758	114.52392	3.17456	0.0190633	2.9027347	15492	(28905)	14.0	333.58451	203.61402	186.01534	9.17705	0.1626912	2.7803425	15507
(28854)	14.8	219.68408	52.10377	101.87277	7.03809	0.1282709	2.2796733	15493	(28906)	14.0	256.60521	204.35598	299.91183	8.91590	0.0204053	2.6349828	15507
(28855)	14.1	273.58214	335.44680	133.23025	4.47679	0.0732509	2.3074288	15493	(28907)	14.6	150.72900	47.30729	220.99126	6.29572	0.0779437	2.4109780	15507
(28856)	13.2	338.22612	285.48701	117.06332	9.05685	0.2152084	2.6249733	15493	(28908)	13.7	61.02037	52.28431	272.38631	8.18403	0.0655519	3.1660218	15508
(28857)	13.2	87.30018	2.58067	258.72948	11.30280	0.2184225	2.6405945	15494	(28909)	13.4	222.54416	229.30806	305.36119	11.23938	0.0940058	2.6671415	15508
(28858)	13.5	53.44084	59.00521	254.15042	11.67991	0.1215485	2.3952583	15494	(28910)	13.5	271.52424	201.54009	287.42947	8.44892	0.0839364	2.7479188	15508
(28859)	13.6	117.33618	345.99894	242.59625	10.92741	0.1340751	2.6654717	15494	(28911)	13.0	179.21951	264.26413	321.08517	8.38531	0.0823347	2.7694743	15508
(28860)	14.3	50.96685	336.68234	327.84265	1.99205	0.0470748	2.6807075	15494	(28912)	13.6	6.99661	143.43807	244.89241	8.88413	0.0906130	3.4932144	15509
(28861)	12.2	47.13826	45.42668	254.00233	13.76751	0.0665812	3.1443619	15495	(28913)	12.8	255.26310	188.82676	313.16765	13.52542	0.2983386	2.7267867	15509
(28862)	13.2	80.15945	187.41965	96.69109	16.20050	0.0119550	2.6161407	15495	(28914)	13.3	280.14825	171.52964	294.98727	9.58307	0.0720764	2.9797441	15509

(28915)	14.2	41.27312	336.22706	14.00361	0.78675	0.1620834	3.2283507	15510	(28967)	15.2	338.91652	265.94888	67.36362	6.78197	0.1741509	2.2095448	15525
(28916)	15.1	135.53745	198.75612	125.80743	7.29152	0.1397832	2.2603382	15510	(28968)	15.0	30.04564	245.52112	358.29168	2.25494	0.1290925	2.7397389	15526
(28917)	14.8	14.19325	270.64562	141.97626	2.69372	0.1605033	3.0698404	15510	(28969)	14.2	344.15695	190.14393	106.84880	13.88177	0.2426121	2.5549026	15526
(28918)	12.2	271.81073	332.73640	168.69339	6.80734	0.1304407	3.9650890	15510	(28970)	13.4	55.89585	355.99868	213.13658	8.87026	0.0244660	2.9898359	15526
(28919)	14.2	132.07801	159.33895	157.79574	2.53173	0.2136963	2.3301308	15511	(28971)	14.6	283.90022	302.79173	78.15708	8.02476	0.2478752	2.4079550	15526
(28920)	13.8	81.42899	151.55340	191.86512	11.28127	0.1298228	3.0040380	15511	(28972)	14.4	327.72302	245.67210	90.08815	14.03871	0.2018376	2.6445379	15527
(28921)	13.7	129.20768	352.10426	311.94186	8.10578	0.0967559	3.0133421	15511	(28973)	13.6	132.09436	279.34721	226.81491	11.84040	0.1478326	2.6426449	15527
(28922)	12.4	269.77317	160.19128	327.24083	19.42986	0.1761609	3.1080543	15512	(28974)	14.7	42.88490	72.59614	194.21572	7.32084	0.2459435	2.6071700	15527
(28923)	13.3	356.35234	178.05346	236.49678	9.02523	0.0839995	3.0936311	15512	(28975)	14.8	278.31154	174.93033	171.53072	14.11646	0.0068600	2.6803265	15527
(28924)	15.0	36.54045	100.68441	328.68796	1.11266	0.1306094	2.5272376	15512	(28976)	13.6	40.33139	24.58798	258.47023	7.33673	0.1145021	2.6651464	15528
(28925)	13.7	53.99693	203.64684	176.78622	8.49065	0.0872946	3.0559741	15513	(28977)	13.3	30.13883	340.95897	310.31321	11.30028	0.1793410	2.6728146	15528
(28926)	13.1	83.40439	317.08302	359.33904	10.68572	0.1059690	3.0182146	15513	(28978)	3.2	258.78520	301.01577	71.01305	19.69254	0.2456898	39.2931018	15528
(28927)	14.5	75.90070	44.24297	24.21299	7.19142	0.0539752	2.1863147	15513	(28979)	13.1	110.72074	276.14835	242.64898	17.14994	0.0545280	3.1768046	15529
(28928)	13.3	312.00877	236.30867	221.33097	14.58251	0.0572148	3.1578524	15514	(28980)	15.2	303.62692	290.20158	108.09771	6.38642	0.1923514	2.2865713	15529
(28929)	13.5	177.85125	19.93009	205.45374	12.68009	0.0941210	3.1800103	15514	(28981)	14.2	349.69899	256.86411	92.27008	4.51573	0.3340791	2.6050844	15529
(28930)	13.5	166.94323	11.44566	257.57824	8.13642	0.0671391	2.9141709	15514	(28982)	15.3	2.67929	151.84048	187.30790	2.54313	0.2379664	2.3629263	15529
(28931)	12.9	94.78741	76.91688	292.30395	8.59234	0.1146226	2.9782902	15514	(28983)	15.4	40.48109	77.91873	216.62757	6.54501	0.1438970	2.2474350	15530
(28932)	12.6	312.98050	221.57562	274.72673	10.93749	0.1144844	3.1316388	15515	(28984)	13.4	291.63621	296.99951	100.52066	11.39614	0.1034959	2.9826570	15530
(28933)	13.5	143.19329	77.82093	215.43658	4.75913	0.0985783	3.2156935	15515	(28985)	14.8	25.62191	22.21176	298.42156	4.16272	0.2250836	2.2484024	15530
(28934)	14.4	56.56181	224.92245	178.60100	2.40648	0.0880777	2.8825962	15516	(28986)	14.6	31.53531	178.40584	135.09467	7.13865	0.1508712	2.3110147	15530
(28935)	15.2	129.33245	240.86844	115.70728	4.52114	0.1125117	2.3195365	15516	(28987)	15.8	43.22413	39.86878	253.53733	2.45365	0.1188965	2.2288176	15531
(28936)	14.3	60.00066	165.29636	241.05059	5.00256	0.1022505	2.6770407	15516	(28988)	16.0	55.60684	160.14759	114.69688	3.74832	0.2059898	2.1923884	15531
(28937)	14.0	139.62463	237.99426	67.67407	10.61715	0.0652471	3.0477404	15517	(28989)	14.2	341.62415	281.32018	81.70719	4.55332	0.2049674	2.4721975	15531
(28938)	12.0	75.75565	85.17523	269.93501	20.34657	0.1022367	3.1890486	15517	(28990)	12.9	310.88261	256.38607	145.08913	16.94658	0.0926461	3.1584988	15532
(28939)	13.3	50.24574	144.07887	291.32038	20.85578	0.0178065	2.6949032	15517	(28991)	12.6	279.12700	139.14709	277.71881	9.31416	0.0956393	3.0101288	15532
(28940)	14.1	140.35442	210.31727	91.04570	2.43605	0.2349798	3.0085924	15517	(28992)	15.9	22.22897	97.14632	206.07812	0.39197	0.1805619	2.3956546	15532
(28941)	14.6	118.47137	128.47602	227.85560	13.59549	0.1277940	2.6997341	15518	(28993)	16.1	85.18448	47.47223	173.70871	2.36530	0.1620704	2.6800190	15532
(28942)	14.5	15.01858	175.71168	296.72714	1.43999	0.1373237	3.0785303	15518	(28994)	15.0	2.83052	197.24768	142.25477	5.11901	0.2369206	2.6988511	15533
(28943)	14.0	56.35505	242.31578	185.47311	3.71863	0.0846877	2.7916986	15518	(28995)	14.5	343.38216	121.53647	245.60653	2.28988	0.2038230	2.5943571	15533
(28944)	14.1	346.97298	115.31340	26.00641	12.31952	0.0752025	2.7371100	15518	(28996)	14.7	268.52929	80.44802	347.01349	3.79608	0.1113576	2.6277405	15533
(28945)	15.1	148.27030	351.97433	341.39777	1.63654	0.1899310	2.4776192	15519	(28997)	14.7	342.55637	61.23520	342.76867	5.11991	0.2386868	2.5627880	15534
(28946)	14.9	196.30929	343.58647	314.80185	3.46431	0.2451556	2.2502183	15519	(28998)	14.1	141.67106	350.48284	206.18920	11.84942	0.1704176	2.5763340	15534
(28947)	13.4	359.57441	350.71945	140.16378	15.34187	0.0425243	2.6021318	15519	(28999)	14.7	310.53419	46.44939	4.89415	6.57869	0.1632074	2.4135420	15534
(28948)	14.8	185.62751	153.93876	163.61574	6.89347	0.0786546	2.5445474	15520	(29000)	14.2	359.30623	219.07378	192.36676	6.19291	0.2022437	2.7338798	15534
(28949)	12.7	63.70201	354.95059	89.66984	17.15848	0.0820126	3.1773894	15520	(29001)	14.8	31.35836	274.39413	35.66868	5.27979	0.1591448	2.7561454	15535
(28950)	14.1	226.40236	273.38754	327.03996	8.89191	0.0484441	3.0188129	15520	(29002)	15.4	140.47158	182.82707	12.30248	4.28030	0.0694446	2.4188882	15535
(28951)	13.1	78.07784	261.09983	143.16575	15.47957	0.1552763	2.8508209	15520	(29003)	14.1	326.93008	318.52580	109.97739	0.93223	0.0360580	2.9591785	15535
(28952)	15.0	68.32351	219.25713	246.16632	1.44302	0.1718681	2.3786638	15521	(29004)	13.4	55.09524	229.00809	87.94513	2.43107	0.1359089	3.2447931	15536
(28953)	15.3	146.13194	124.16890	243.22223	2.41113	0.1332461	2.6269241	15521	(29005)	14.1	299.65302	104.17302	121.55248	2.77867	0.0464882	3.1243350	15536
(28954)	14.2	102.66746	298.44066	115.42567	2.22450	0.1483091	2.6070847	15521	(29006)	13.8	325.34098	175.83248	287.45211	9.73334	0.1033639	2.9424985	15536
(28955)	16.1	335.96614	315.97946	268.25307	1.60501	0.1247675	2.3386930	15521	(29007)	14.7	90.87931	23.64638	343.85299	4.49932	0.1828486	2.2393053	15536
(28956)	12.7	273.22964	160.87434	126.86495	14.90649	0.1619221	3.0526721	15522	(29008)	13.7	339.36099	38.90262	359.43371	9.29828	0.0748006	2.9701439	15537
(28957)	15.0	30.61963	102.82074	115.69181	3.28570	0.1935398	2.3507932	15522	(29009)	15.0	93.35975	17.01953	238.59554	0.61287	0.1530718	2.4050173	15537
(28958)	12.1	91.93776	285.92865	147.84853	8.23892	0.0847038	5.2597957	15523	(29010)	14.3	111.89937	226.08406	352.46393	12.93130	0.1270374	2.5761896	15537
(28959)	12.5	6.30738	54.01158	214.93493	26.55316	0.1948797	3.1527165	15523	(29011)	14.7	118.35667	42.80211	325.98210	5.67077	0.0937592	2.3582436	15537
(28960)	13.3	150.22904	32.77677	339.68603	2.79081	0.0348681	5.2980117	15523	(29012)	14.7	312.80671	54.19820	349.15731	8.95439	0.0789527	2.9871180	15538
(28961)	15.1	295.43799	169.26543	156.28550	5.42974	0.2249192	2.2709509	15523	(29013)	15.5	7.43414	127.99458	201.29333	8.86257	0.1234230	2.5748484	15538
(28962)	12.9	257.52456	165.24733	185.03793	24.31056	0.1399351	3.1082596	15524	(29014)	14.1	293.15086	138.16635	184.59672	2.39076	0.0864691	3.0474683	15538
(28963)	15.6	30.42160	47.86342	190.86886	2.29598	0.1649019	2.3845556	15524	(29015)	15.9	274.11224	318.68707	8.96972	4.16346	0.0699620	2.6224898	15539
(28964)	13.9	252.91903	171.03342	169.33871	3.65253	0.2468728	3.0514269	15524	(29016)	13.5	344.21967	60.68863	15.12940	7.58257	0.2032336	2.5461261	15539
(28965)	14.8	329.13981	217.98798	49.82390	2.60804	0.0202644	2.8828398	15525	(29017)	13.7	273.25434	11.83629	73.91924	2.96621	0.2293254	2.9950353	15539
(28966)	13.5	107.52881	70.90312	86.47279	22.56208	0.0243983	3.2197980	15525	(29018)	14.8	306.32009	105.36580	328.74107	2.06328	0.1453939	2.4052368	15539

(29019)	14.0	107.45720	96.80300	206.83536	4.59064	0.1294778	3.2075679	15539
(29020)	14.5	99.31268	33.48690	205.11095	4.18569	0.1831070	2.5671402	15540
(29021)	16.3	357.19623	296.26028	49.99022	1.92245	0.2182196	2.4112422	15540
(29022)	14.6	121.42561	210.76346	15.39499	6.15017	0.0674133	2.2730963	15540
(29023)	14.5	19.80602	343.89571	3.42664	9.72902	0.0956192	2.9678701	15541
(29024)	14.9	131.60445	166.34562	160.62217	2.45119	0.0396147	2.9107551	15541
(29025)	14.7	40.94615	116.68539	168.85452	4.61873	0.0658827	2.7654182	15541
(29026)	15.0	55.23503	281.74601	13.20482	13.50575	0.1563453	2.5616765	15541
(29027)	14.6	273.98738	13.29976	50.57872	3.67474	0.1184793	2.5819800	15542
(29028)	14.0	136.01941	183.99830	359.40366	7.12248	0.1348662	2.5816812	15542
(29029)	13.9	320.87080	69.85295	15.94965	16.96562	0.1524367	2.5480835	15543
(29030)	15.0	243.74581	261.52962	200.27742	4.20338	0.0606198	2.1834278	15543
(29031)	15.3	162.81569	299.30239	234.66472	1.31091	0.1437330	2.3590213	15543
(29032)	13.0	9.33341	352.52937	2.40538	24.34776	0.2051953	2.3473294	15544
(29033)	14.0	285.87714	324.00737	125.71106	1.92072	0.1690744	3.0933066	15544
(29034)	13.0	272.50508	99.91737	4.16057	7.30261	0.1015960	3.1057471	15544
(29035)	14.4	337.27147	149.88759	178.68018	4.13127	0.0939420	2.3807033	15544
(29036)	12.9	265.78885	97.12648	345.29373	0.90362	0.1563922	3.1298398	15545
(29037)	15.4	346.90632	41.08688	350.09736	2.45897	0.1896257	2.1703748	15545
(29038)	13.3	288.16551	50.23624	17.44082	9.03682	0.1491930	2.8000093	15545
(29039)	13.9	130.46201	11.42044	206.93795	12.27449	0.0815051	2.5656804	15546
(29040)	16.0	315.00463	19.22680	7.74559	1.56431	0.1101384	2.3215596	15546
(29041)	13.4	321.61365	272.13071	179.11557	10.99077	0.2392748	3.1200166	15546
(29042)	13.9	98.84406	221.23902	351.76064	10.85401	0.1275668	3.2113318	15546
(29043)	13.6	346.15663	77.52894	353.74491	8.61273	0.1473926	2.7640221	15547
(29044)	14.7	222.39707	127.41344	352.24128	2.37565	0.0347449	2.5422805	15547
(29045)	14.8	340.54426	6.87565	10.87800	5.39861	0.1507138	2.3145935	15547
(29046)	15.1	353.98828	141.00734	191.60608	4.96009	0.1506786	3.2021138	15548
(29047)	14.1	18.26398	228.37594	71.71805	2.33980	0.1068962	3.2074072	15548
(29048)	14.3	111.96643	90.54443	161.28772	8.46637	0.0430442	2.5176670	15548
(29049)	16.9	294.44674	40.93904	8.33382	6.29227	0.0731318	2.3215089	15548
(29050)	15.1	311.45349	192.74110	136.61031	2.90105	0.0738276	2.8635144	15549
(29051)	14.3	286.61522	44.45903	50.05375	5.32566	0.1256483	2.3074593	15549
(29052)	14.9	70.48547	142.85253	122.26741	2.86052	0.0725131	2.5385361	15549
(29053)	13.5	87.33894	66.46279	72.72176	2.30996	0.0689517	3.9273017	15549
(29054)	13.8	297.25479	247.74872	227.82592	12.12418	0.1705001	2.7715689	15550
(29055)	13.0	26.86319	118.19887	208.83671	14.90949	0.0829394	3.1655032	15550
(29056)	14.9	106.36304	259.63197	319.34115	10.53288	0.1642183	2.5577086	15550
(29057)	15.2	307.79721	86.68120	319.30394	5.09779	0.1735151	2.5475131	15550
(29058)	15.5	90.96926	210.20200	3.42000	9.05743	0.2036645	2.3172025	15551
(29059)	14.5	137.89571	228.95098	357.85952	9.37002	0.0362046	2.2819100	15551
(29060)	14.6	318.26688	181.52398	240.53173	4.07781	0.1085675	2.2783275	15551
(29061)	14.4	268.35120	90.75638	359.56979	3.78801	0.2014602	2.5528718	15552
(29062)	14.7	85.07649	284.20666	341.77474	4.54454	0.1628828	2.2814576	15552
(29063)	15.2	219.84973	221.53716	276.05302	3.02620	0.0916741	2.2948712	15552
(29064)	14.4	328.89889	313.05887	87.48697	2.03656	0.1522135	2.5338463	15552
(29065)	14.8	341.53090	140.53458	173.66098	3.73226	0.0656373	2.5822698	15553
(29066)	15.6	175.97243	314.43413	205.20857	6.15423	0.0443962	2.3029790	15553
(29067)	14.3	335.70610	47.37067	188.42747	9.94504	0.0943244	3.0288069	15553
(29068)	14.3	252.74622	280.92057	193.44233	22.43098	0.2625786	2.3017289	15553
(29069)	14.4	124.07106	166.92161	65.72119	5.67560	0.0958589	2.2852819	15554
(29070)	14.5	13.31660	259.19754	57.13101	5.82555	0.0455858	2.5581923	15554

(29071)	12.9	209.42565	75.08668	55.05297	14.98641	0.1287288	3.3822553	15554
(29072)	15.5	24.12413	192.08653	120.25266	7.38395	0.1356523	2.2924442	15555
(29073)	15.0	271.67095	356.57517	92.72580	8.31808	0.1230390	2.2940777	15555
(29074)	13.9	48.61901	132.86457	156.92336	13.95989	0.2295497	2.8633762	15555

SUMMARY OF IDENTIFICATIONS

The following identifications are invalid:

1979 QH ₄	=	1998 HU ₁₃₀	MPC 34173
1990 TH ₁₀	=	1999 GB ₅₂	MPO 969
1993 FG ₁₇	=	1999 YK ₂₁	MPO 6712
1993 SK ₉	=	2000 EO ₆₈	MPO 150
1995 QF ₁	=	1977 ER ₈	MPC 30455
1996 XA ₇	=	2000 EL ₈₉	MPO 4341
1997 BE ₇	=	1989 GW ₆	MPC 31392
1997 TF ₆	=	1999 FM ₅₅	MPO 6760
1998 RP ₂	=	2000 AZ ₂₃₅	MPC 39215
1999 CW ₁₉	=	2000 HB ₄₅	MPO 6823
1999 CZ ₁₄₀	=	2000 HL ₈₀	MPO 3302
2000 AO ₁₀₅	=	1983 ED ₁	MPO 13113
2000 GF ₅₄	=	1980 RQ ₈	MPO 436
2000 GC ₁₂₃	=	1997 SA ₅	MPO 1284
1034 T-1	=	1982 SZ ₆	MPC 34268
1075 T-1	=	1996 GQ ₉	MPC 38736
5027 T-3	=	1994 PN ₂₈	MPC 24579

Further details, orbital elements and residuals for the identifications listed below are given in the *Minor Planet Circulars Orbit Supplement*.

1955 RB ₁	=	1955 TJ = 2001 KW ₆₇
1978 NN	=	2001 LQ ₁₇
1978 RQ ₇	=	1978 RC ₁₆ = 1999 XA ₄
1979 MF ₇	=	2001 OF ₅₇
1980 UQ ₁	=	2001 QY ₁₃₅
1981 EM ₃₃	=	2001 QR ₁₄₀
1981 EX ₃₇	=	1991 GB ₉ = 2001 KG ₃
1981 ER ₃₈	=	2001 QN ₁₄₄
1981 EE ₄₄	=	2001 QU ₁₂₉
1981 EP ₄₆	=	2001 PP ₂₄
1981 EY ₄₇	=	2001 OW ₂₈
1986 WS ₂	=	2001 OK ₁₆
1987 QY	=	2001 OG ₁₀₅
1988 BE ₄	=	1999 FV ₄₈ = 2000 LA ₃₃
1988 CP ₅	=	2001 QD ₁₃₄
1988 SY ₂	=	2001 QY ₂₉
1988 TX	=	2001 QG ₂
1989 ST ₂	=	1982 VS ₇ = 2000 XL ₂₉
1989 SD ₈	=	2001 OE ₆₇
1990 OC ₁	=	2001 OV ₉₈
1990 QZ ₂	=	2001 QF ₃₀
1990 QQ ₇	=	2001 OT ₇₆
1990 RF ₇	=	2001 QF ₄₈

1990 RP₇ = 2001 OZ₂
 1990 RX₇ = 1995 UW₇₄ = 1999 RK₇₇
 1990 SC₅ = 2001 OC₆₉
 1990 SB₁₃ = 2000 GR₁₈₃ = 2001 MP₂₃
 1990 TK₂ = 1999 GV₂₂ = 2001 PF₇
 1990 TR₃ = 2001 OG₅₇
 1990 UQ₅ = 1997 WP₄₁ = 1999 KU₁₇ = 2000 TG₃₈
 1991 RE₃ = 2001 QN₉
 1991 TD₇ = 2001 OR₇
 1991 TZ₁₀ = 1996 SX₄
 1991 XJ₁ = 2001 PU
 1992 AR₂ = 2001 QL₄₇
 1992 DP₉ = 1990 VV₁₃ = 1998 FJ₁₄₆
 1992 EJ₁₇ = 1998 XH₈₄ = 2000 HC₁₀₀
 1992 PS₁ = 2001 OT₁₀₆
 1992 SB₂ = 2001 OX₃₈
 1992 ST₇ = 1999 LN₂₄ = 2000 US₁₁₁
 1992 UZ₇ = 1999 FU₂₀
 1993 FH₈ = 1995 SY₆₀
 1993 FO₃₀ = 2001 QT₆₆
 1993 FM₃₃ = 2000 GN₁₈₃ = 2001 PW₄₄
 1993 FT₃₄ = 2001 QG₁₃₂
 1993 FQ₄₀ = 2001 PS₃₉
 1993 FM₄₄ = 2001 BZ₇₈
 1993 FD₄₉ = 1998 TT₄ = 2000 BZ₂₅ = 2001 ON₈₁
 1993 FJ₆₀ = 1995 YM₁₇ = 1999 VE₂₁₈
 1993 FL₇₅ = 1995 WC₁₀ = 1999 RX₇₈
 1993 NY = 1989 GW₆ = 1998 YS₁₂
 1993 OC = 2001 QF₁₅₁
 1993 QU₅ = 2001 OQ₈₇
 1993 RD₄ = 2001 QO₃₉
 1993 TD₁₁ = 2001 QR₆
 1993 TT₁₇ = 2001 QH₅₆
 1993 TL₂₇ = 2001 PB₃₂
 1993 TZ₂₇ = 2001 QF₁₀₈
 1993 TN₄₁ = 2000 EK₁₉₄
 1993 UH₄ = 2001 PB₂₈
 1993 VR = 2001 QL₈₄
 1993 YK₁ = 2000 GC₂₃ = 2001 OK₆₀
 1994 NR₂ = 2001 OD₈₆
 1994 PW₁₁ = 1997 CK₁₅ = 2001 CF₄₇
 1994 PS₁₂ = 1994 PS₃₀ = 2001 OR₄₆
 1994 PT₁₂ = 2001 QG₆₁
 1994 PS₂₂ = 2001 QY₁₂₁
 1994 PQ₂₈ = 1997 EF₄₈ = 2001 OG₉₇
 1994 TR₅ = 1998 YR₃₂ = 2001 MN₂₂
 1994 WO₁ = 2001 OO₃₀
 1995 BO₁₀ = 2001 QE₁
 1995 CN₄ = 1997 JF
 1995 CK₁₀ = 1982 BY₁₁ = 2001 OO₄₈
 1995 DJ = 2001 OF₁₀₂
 1995 FS₆ = 1999 BW₁₅ = 2000 HM₉₉
 1995 KE₃ = 2001 QN₁₄₅
 1995 MK₁ = 2001 QV₁₃₀
 1995 MN₄ = 2001 PA₂₂
 1995 MU₆ = 1996 VK₂₈
 1995 MJ₈ = 1998 HO₆₃ = 1999 TB₃₀₄
 1995 NH = 1999 JC₁₀₄
 1995 OW₃ = 2000 QH₁₁₃
 1995 OB₆ = 2000 TD₆
 1995 OS₁₀ = 1998 EX₁₇ = 2001 OW₆₅
 1995 ON₁₂ = 2000 WO₂₇
 1995 OZ₁₂ = 2000 TC₅₉
 1995 OZ₁₄ = 1998 HR₅₃ = 2000 QQ₁₁₃
 1995 QA₁ = 1999 TL₁₈₇
 1995 SW₈ = 1994 EF₅
 1995 ST₁₉ = 2000 AR₃₈
 1995 SX₂₃ = 1996 XL₂₃
 1995 SM₂₄ = 1993 FU₃₆ = 2000 QJ₁₀₇ = 2000 WU₁₉₄
 1995 SQ₂₈ = 2001 QS₁₁₈
 1995 SE₃₅ = 2001 FF₁₈₄
 1995 ST₃₈ = 2000 RW₃₅
 1995 SJ₅₇ = 1999 TL₈₄ = 2001 HR₂₅
 1995 SN₆₀ = 2001 FN₁₈₆
 1995 SN₆₉ = 1993 FX₇₅
 1995 SA₇₂ = 1999 VE₂₂₅
 1995 SM₇₃ = 1998 OL₇ = 2000 AL₇₇
 1995 SR₇₈ = 2000 CX₁₄₃
 1995 SB₈₀ = 1998 DM₂₂
 1995 SU₈₀ = 1999 VL₁₃₂
 1995 SA₈₁ = 1999 KC₂₀
 1995 SX₈₇ = 1999 WC₂₀
 1995 SU₈₈ = 2001 FN₁₂₅
 1995 UC₁₆ = 1999 BA₂₃
 1995 UW₂₄ = 1997 CQ₈ = 2000 TQ₂₂
 1995 UE₃₁ = 2001 OO₂₂
 1995 UV₅₂ = 1999 VD₂₀₉
 1995 UR₅₃ = 1992 EN₃₂
 1995 UE₅₆ = 2001 PQ₃
 1995 UL₅₇ = 2000 AK₂₁₉
 1995 UP₅₇ = 1999 TK₂₉₆
 1995 UZ₅₇ = 1997 EF₂₇
 1995 UW₅₉ = 1999 WR₂₃
 1995 UC₆₁ = 2000 RX₇₉
 1995 UT₆₂ = 1998 HL₄₈ = 1999 TC₂₃₈
 1995 UB₆₃ = 1998 SJ₁₅₈
 1995 UC₆₉ = 1997 CH₁₅
 1995 UL₆₉ = 2000 CG₁₂₈
 1995 UM₇₂ = 1999 RO₁₈₉
 1995 UN₇₃ = 2001 HY₅₁
 1995 UN₇₄ = 1999 NP₄₈ = 2000 WB₃₉
 1995 UM₇₇ = 2000 WY₁₃₇
 1995 UX₈₀ = 1999 TS₃₀₅
 1995 UA₈₁ = 2000 YO₈₃

1995 VL₁₂ = 2000 EG₁₂₀ = 2001 OF₅₆
 1995 WQ₉ = 1999 TA₃₀₃
 1995 WF₁₅ = 2000 CS₁₄₁
 1995 WM₃₁ = 1992 GZ₈ = 2001 FS₁₉₂
 1996 GH₁₁ = 2001 FQ₁₈₇
 1996 GM₁₆ = 2001 KJ₇₁
 1996 HG₃ = 2001 OW₁₀
 1996 HT₆ = 1998 SP₈₅
 1996 HA₂₁ = 2001 QG₁₄₆
 1996 PD₈ = 2001 QE₅
 1996 RE₂₆ = 2001 OV₁₀₇
 1996 TN₆ = 2001 QV₇₄
 1996 TP₁₀ = 1954 QZ = 1976 YH₁ = 2000 KD₃₃ = 2001 PP₈
 1996 TG₂₂ = 2001 QK₁₂₀
 1996 TD₃₃ = 2001 QA₇₇
 1996 TF₃₄ = 2000 QB₂₄₄
 1996 TB₄₁ = 2001 QY₆₆
 1996 UJ₂ = 2001 QG₁₄
 1996 VG₃₃ = 2000 SL₂₆₅
 1996 XE₇ = 1995 QH₁₃
 1996 XG₁₁ = 1998 HF₉₅ = 2001 DE₂₅
 1996 XV₂₂ = 2001 PK₁₂
 1996 XO₃₂ = 2001 PL₃₁
 1997 AF₂₂ = 1972 RD₁
 1997 BR₄ = 1994 PY₂₈ = 2000 QW₁₂
 1997 BK₅ = 1995 TK₁₁
 1997 CS₆ = 2001 FR₁₉₁
 1997 CZ₁₀ = 1995 UH₇₅
 1997 EB₉ = 2001 OY₆₃
 1997 EH₃₆ = 1986 PK₁
 1997 GJ₆ = 2001 QV₁₅
 1997 GY₆ = 2001 FM₁₉₂
 1997 GC₃₀ = 2001 PG₁₇
 1997 HQ₂ = 2001 QK₃₁
 1997 HA₁₇ = 2001 FU₁₂₅
 1997 JJ₁₀ = 2001 QQ₉₀
 1997 JQ₁₄ = 2001 OS₁₀₅
 1997 LS₂ = 2001 OC₄₉
 1997 LJ₉ = 2001 PF₄
 1997 MA₂ = 2001 OU₁₄
 1997 MM₄ = 2001 OG₇₁
 1997 MK₁₁ = 2001 LJ₁₄
 1997 OH₁ = 2001 QQ₁₈
 1997 OH₂ = 2001 QG₁₄₃
 1997 PT₄ = 2001 QM₈₃
 1997 QB₂ = 1982 SC₁₁
 1997 RX = 2001 QB₇₄
 1997 RO₈ = 2001 QF₅₀
 1997 SL₆ = 1999 CD₉₁ = 2001 OW₃₇
 1997 SL₉ = 2001 QM₆₃
 1997 SO₁₀ = 2001 QM₂
 1997 SW₁₇ = 2001 OL₅₅
 1997 TT₁₈ = 2001 ON₇₇
 1997 TM₂₄ = 2001 PW₂₁
 1997 UW₅ = 2001 PJ₂₃
 1997 UJ₂₂ = 2001 QH₁₁
 1997 VQ₂ = 2001 QM₁₁₉
 1997 VC₇ = 2001 OF₈₁
 1997 WK₁ = 2001 QF₉₇
 1997 WU₁₇ = 2001 PB₂₄
 1997 WW₃₃ = 1999 FB₄₈ = 2001 NB₃
 1997 WH₃₅ = 2001 QZ₁₂₅
 1997 WT₃₅ = 2001 QB₉₀
 1997 WT₃₆ = 2001 QD₁₅₀
 1997 WP₃₇ = 2001 ON₆₇
 1997 WN₅₇ = 2001 KS₄₆
 1997 XF₅ = 2001 QW₁₃₄
 1997 XR₈ = 2001 OE₉₄
 1997 XY₁₁ = 2000 KL₅₅ = 2001 OU₇₀
 1997 YC = 2001 QJ₁₃₆
 1997 YT₅ = 2001 QS₁₃₈
 1997 YG₁₂ = 1996 NX₁ = 2001 QQ₅₈
 1997 YD₁₄ = 2001 PO₄₄
 1997 YE₁₈ = 2001 QU₁₁₇
 1997 YJ₁₈ = 2001 QU₉₄
 1998 AA₅ = 2001 OQ₁₀₃
 1998 AY₆ = 1981 UJ₁₆ = 2001 QQ₅₄
 1998 BA₁₈ = 2001 QV₈₀
 1998 CB₁ = 2001 OB₇
 1998 CS₂ = 1987 UH₈
 1998 CT₂ = 2001 QU₆₀
 1998 DD₃ = 2001 QG₆₂
 1998 DW₁₀ = 1960 WJ₁ = 2001 QP₅₈
 1998 DY₂₀ = 2000 JX₆₉ = 2001 PR₉
 1998 FP₂ = 2001 QW₁₁₈
 1998 FH₁₀ = 2001 QX₁₃₅
 1998 FZ₁₈ = 1998 FB₁₄₉
 1998 FL₂₆ = 2001 QC₂₂
 1998 FL₅₁ = 2001 QH₁₅₃
 1998 FB₅₈ = 2001 QH₂₉
 1998 FA₁₂₉ = 1998 FF₁₃₃ = 2001 QT₁₃₉
 1998 HF₄₇ = 1981 VK₁ = 2000 XR₂₉
 1998 RM₂ = 2001 OH₃₀
 1998 RV₃₇ = 2001 OZ₇₃
 1998 RQ₄₅ = 2001 FK₆₇
 1998 RX₄₇ = 2001 QK₉₈
 1998 RY₆₆ = 2001 QY₉₆
 1998 SR₁₁ = 2000 AL₂₁₅ = 2001 KC₃₄
 1998 SN₂₁ = 2001 QN₁₂
 1998 SV₂₇ = 2001 FL₁₈₈
 1998 SN₂₉ = 2001 OY₃₃
 1998 SR₅₉ = 2001 QF₄₉
 1998 SY₈₅ = 1998 TH₃₅
 1998 SV₁₀₃ = 1982 VD₇ = 2000 GX₁₇₉

1998 SS₁₀₄ = 2001 OH₉₃
 1998 SM₁₁₄ = 2001 QD₄₅
 1998 SJ₁₄₃ = 2001 DH₁₀₇
 1998 SY₁₆₂ = 2001 OL₉₃
 1998 TZ₂₈ = 2001 QG₆₀
 1998 UJ₁₆ = 2001 QU₃₁
 1998 VL = 2001 PX₂₃
 1998 VV₉ = 2001 OR₈₆
 1998 VK₂₂ = 2001 OT₉₉
 1998 VS₄₄ = 1999 CU₁₅₈ = 2001 QK₂₅
 1998 VY₄₇ = 1996 KL₇
 1998 WM₂ = 2001 QF₁₁₃
 1998 WE₄ = 2001 QY₄
 1998 WR₆ = 2001 PG₁₈
 1998 WG₈ = 2001 QB₈₄
 1998 WM₁₁ = 2001 QZ₄₀
 1998 WA₁₂ = 1979 YX₄ = 1996 GW₂₀
 1998 WF₁₉ = 2001 QN₁₀₈
 1998 WN₁₉ = 1981 UR₁₂
 1998 WX₂₁ = 2001 QC₁₂₃
 1998 WF₂₃ = 2001 OO₈₈
 1998 WM₃₁ = 2001 OJ₇₀
 1998 XL = 2001 OX₈₄
 1998 XG₃ = 2001 PE₂
 1998 XQ₁₀ = 2001 QY₉₈
 1998 XW₁₅ = 1992 AU₃
 1998 XC₂₆ = 2001 QR₁₁₇
 1998 XA₅₂ = 2001 PV₁₀
 1998 XB₅₂ = 1999 BS₁₇ = 2001 QD₇₀
 1998 XN₅₃ = 2001 QS₁₁₇
 1998 XA₅₅ = 2001 ON₁₇
 1998 XZ₅₉ = 2001 PD₆
 1998 XM₇₄ = 2001 QJ₁₀₈
 1998 XE₈₆ = 2001 LL₁₀
 1998 YH₂ = 2001 QC₉₄
 1998 YQ₂ = 1990 UM₇ = 2001 QT₁₆
 1998 YB₄ = 2001 QA₈₂
 1998 YF₄ = 2001 OM₈₀
 1998 YS₁₁ = 2001 OZ₈₁
 1998 YJ₂₁ = 2000 EX₁₄₁
 1998 YS₂₉ = 2001 PF₂₂
 1999 AE = 2001 PU₂₂
 1999 AB₂ = 2001 QR₅₇
 1999 AM₂ = 2001 QP₆₃
 1999 AP₂ = 2001 QS₁₀₄
 1999 AS₂ = 2001 QT₈₁
 1999 AE₃ = 2001 QC₁₂₅
 1999 AM₅ = 2001 QT₇₄
 1999 AT₅ = 2001 QU₁₃₆
 1999 AE₈ = 2001 QB₁₃₇
 1999 AB₁₀ = 2001 OL₁₀₅
 1999 AG₁₀ = 1957 WA₁ = 2001 QK₉₉
 1999 AV₁₉ = 2001 OK₈₆
 1999 AD₂₁ = 2001 QZ₆₆
 1999 AO₂₄ = 1999 CE₉₈ = 1999 DK₈ = 2001 QQ₂₁
 1999 AF₃₄ = 2001 QB₇₉
 1999 BF = 2001 QW₁₉
 1999 BJ = 2001 QZ₂₀
 1999 BN = 2001 PU₂₇
 1999 BF₂ = 2001 QZ₁₅₀
 1999 BM₂ = 2001 PB₆
 1999 BW₅ = 2001 QN₈₂
 1999 BA₈ = 2001 QL₁₉
 1999 BW₈ = 2001 QE₆
 1999 BF₉ = 2001 QT₁₄₅
 1999 BH₉ = 2001 QW₁₃₅
 1999 BX₉ = 2001 QB₁₀₃
 1999 BF₁₀ = 2001 QA₁₂₀
 1999 BQ₁₁ = 2001 QE₉₃
 1999 BP₁₂ = 2001 QL₇₆
 1999 BE₁₃ = 2001 QD₄₆
 1999 BJ₁₃ = 2001 QJ₇₄
 1999 BL₁₃ = 2001 QC₆₅
 1999 BG₁₅ = 2001 QY₉₃
 1999 BB₂₀ = 2001 OE₅₈
 1999 BJ₂₀ = 2001 PM₁₅
 1999 BG₂₄ = 1992 AC₆ = 2001 OG₉₆
 1999 BV₂₄ = 2000 HM₉₄ = 2001 OS₁₈
 1999 BC₂₆ = 1999 CS₆₈ = 1991 TA₇
 1999 BA₂₈ = 2001 QK₇₂
 1999 CS = 2001 QT₁₃₅
 1999 CZ = 2001 QZ₁₁₉
 1999 CN₂ = 1999 DJ₉ = 2001 QQ₆₃
 1999 CO₂ = 2001 QY₆₇
 1999 CR₂ = 1982 BD₄ = 2001 QS₇₉
 1999 CK₃ = 2001 QH₁₂₈
 1999 CS₄ = 1979 VR₂ = 2001 QW₇₇
 1999 CK₆ = 2001 OS₄₈
 1999 CY₈ = 2001 QD₂₉
 1999 CV₁₁ = 2000 SO₃₁₀
 1999 CP₁₃ = 2000 QR₃₆
 1999 CH₁₈ = 2001 QX₈₁
 1999 CU₂₀ = 2001 QH₈₁
 1999 CZ₂₄ = 2001 PW₄₉
 1999 CU₂₈ = 2001 QV₄₂
 1999 CV₂₈ = 2001 OC₉₁
 1999 CR₃₁ = 1996 RN₃ = 2001 QN₆₃
 1999 CQ₃₂ = 2001 PZ₁₉
 1999 CU₃₄ = 2001 QZ₇₉
 1999 CN₃₅ = 2001 PO₁₇
 1999 CQ₃₇ = 2001 NH₁
 1999 CC₃₈ = 2001 OA₅₈
 1999 CF₃₈ = 2001 QD₄
 1999 CL₃₈ = 2001 OD₅₀

1999 CJ₃₉ = 2001 OQ₂₂
 1999 CP₄₀ = 2001 QG₂₇
 1999 CH₄₃ = 2001 QC₂₄
 1999 CK₄₄ = 2001 NT₁₃
 1999 CS₄₈ = 2001 OD₈₇
 1999 CX₅₁ = 2001 OA₈₈
 1999 CN₅₂ = 2001 NO₃
 1999 CC₅₄ = 2001 QY₁₃
 1999 CF₅₅ = 2001 QZ₈₈
 1999 CY₅₆ = 2001 QB₁₈
 1999 CO₅₇ = 2001 OE₉₅
 1999 CQ₅₈ = 2001 QN₂₆
 1999 CL₆₀ = 2001 QS₄₆
 1999 CG₆₃ = 2001 OC₁₉
 1999 CC₆₅ = 2001 OU₈₀
 1999 CH₆₅ = 1958 FM = 1979 YR₅ = 1987 SP₄ = 2001 QR₇₀
 1999 CD₆₆ = 2001 OB₂₁
 1999 CE₆₈ = 2001 QK₇₅
 1999 CH₇₀ = 2001 PP₄₀
 1999 CW₇₀ = 2001 QD₁₀
 1999 CK₈₇ = 2001 QX₁₀₁
 1999 CP₈₈ = 2001 QH₇₇
 1999 CO₉₂ = 2001 QG₁₀₀
 1999 CT₉₂ = 2001 QS₁₃₅
 1999 CY₉₇ = 2001 NJ₁
 1999 CH₉₈ = 2001 QA₂₀
 1999 CP₉₈ = 2001 QF₁₂₅
 1999 CF₁₀₀ = 2001 OU₉₉
 1999 CJ₁₀₀ = 2001 QP₅₀
 1999 CA₁₀₂ = 2001 PX₄₉
 1999 CC₁₀₄ = 2001 QX₄₈
 1999 CF₁₀₅ = 1999 BC₃₅ = 2001 PO₄
 1999 CV₁₀₉ = 2001 QQ₁₃₇
 1999 CR₁₁₀ = 2001 QJ₇₉
 1999 CZ₁₁₀ = 2001 PK₂₇
 1999 CO₁₁₇ = 2001 PA₇
 1999 CB₁₁₈ = 1993 DZ₂ = 2001 OJ₁₀₆
 1999 CU₁₁₉ = 2001 QP₁₀₇
 1999 CA₁₂₀ = 2001 QY₁₀₈
 1999 CL₁₂₆ = 2000 JL₆₂ = 2001 OL₅₃
 1999 CR₁₄₂ = 2001 MG₁₅
 1999 CY₁₄₅ = 2001 QQ₁₉
 1999 CA₁₄₇ = 2001 OY₈₉
 1999 CZ₁₅₀ = 2001 QS₄₉
 1999 CD₁₅₄ = 2001 OQ₉₃
 1999 DE = 1935 MB = 2001 OJ₁₀₂
 1999 DQ₁ = 1978 RG₁₇ = 1984 QY = 2001 OE₅₀
 1999 DG₂ = 2001 QP₂₅
 1999 DH₂ = 2001 QH₁₀₆
 1999 DQ₂ = 2001 QM₇₅
 1999 DL₄ = 2001 QL₅₄
 1999 DQ₄ = 2001 QN₄
 1999 DJ₆ = 2001 OP₁₀₃
 1999 DW₇ = 2001 QN₁₀₅
 1999 DU₈ = 2001 QB₁₄₇
 1999 ED₄ = 2001 OO₆₈
 1999 EJ₆ = 1985 XX₂ = 2001 PF₄₅
 1999 ER₆ = 2001 QL₈
 1999 EJ₁₀ = 1999 CU₁₃₅ = 2001 QX₈
 1999 FX = 2001 QY₁₀₇
 1999 FO₇ = 1990 SA₁₉ = 2001 QA₆₁
 1999 FG₂₂ = 2001 QG₂₀
 1999 FH₂₇ = 2001 PV₂₄
 1999 FB₂₈ = 2001 QF₈₄
 1999 FC₂₈ = 2001 QL₆₅
 1999 FL₂₈ = 1999 GX₅₁ = 2001 QO₁₈
 1999 FA₃₀ = 2001 QN₅₈
 1999 FH₃₃ = 2001 QE₆₂
 1999 FA₃₄ = 2001 PL₁₂
 1999 FV₃₆ = 1990 SV₁₁ = 2000 KT₈₀ = 2001 OJ₂
 1999 FW₃₆ = 2001 QF₁₃₇
 1999 FC₄₃ = 1998 WC₃₄ = 1982 HU = 1986 EW = 1990 BK₂ = 2001 OV₅₈
 1999 FJ₄₃ = 2001 OJ₆₈
 1999 FC₄₄ = 2001 PL₁₉
 1999 FQ₄₇ = 2001 OQ₈₂
 1999 FH₅₁ = 2001 QS₉
 1999 FF₅₂ = 1999 HD = 2001 QR₂₂
 1999 GC₁ = 1991 XM₄ = 1991 XV₄ = 2001 QS₂₅
 1999 GD₂ = 2001 PS₄₄
 1999 GY₁₄ = 2001 OB₉₆
 1999 GJ₁₆ = 2001 QN₁₄₁
 1999 GP₂₀ = 2001 QQ₃₀
 1999 GA₂₃ = 2001 OT₃₈
 1999 GX₂₃ = 2001 QD₇₆
 1999 GN₃₃ = 2001 QF₇₉
 1999 GL₃₇ = 2001 PN₁₈
 1999 GG₄₄ = 2001 OV₃₉
 1999 GM₆₁ = 2001 QM₂₅
 1999 HL₈ = 1978 JW₁ = 1988 JJ₁ = 2001 QN₆₆
 1999 HO₈ = 2001 QM₈₁
 1999 HC₁₁ = 2001 QQ₇₆
 1999 JS₁₂ = 2001 QO₁₄₇
 1999 JV₂₀ = 1994 LW₆ = 2001 PH₇
 1999 JV₂₈ = 2001 QS₃₀
 1999 JK₄₂ = 2001 QE₁₄₂
 1999 JL₄₆ = 1934 EF
 1999 JN₅₀ = 2001 QJ₁₄₇
 1999 JJ₇₁ = 2001 QL₁₆
 1999 JM₁₀₁ = 2001 QT₈₅
 1999 LV₄ = 2001 PE₄₆
 1999 NN₁₃ = 1978 NO₄ = 2000 WT₁₁₆
 1999 RY₁₁ = 2001 DU₁₀₇
 1999 RF₅₁ = 1995 US₃₁
 1999 RO₇₆ = 2001 BC₂ = 2001 BV₈₁

1999 RD₈₁ = 1995 ST₇₄
 1999 RE₈₈ = 1998 FL₂₉ = 1999 UB₆₁
 1999 RX₂₅₃ = 1998 FK₂₄ = 1999 ND₁₁
 1999 SV₇ = 2001 FX₁₈₅
 1999 SG₂₅ = 1991 TV₉
 1999 TA₂₄ = 2001 BF₈
 1999 TR₅₁ = 1995 UW₇₀
 1999 TU₁₅₉ = 1995 UW₈₁
 1999 TT₂₂₀ = 1995 OR₁₁
 1999 UK₂₇ = 1995 TN₁₂ = 1998 HU₈₆
 1999 UE₃₇ = 1995 UG₇₀
 1999 VB₇₀ = 2001 FX₁₈₈
 1999 VQ₁₂₈ = 1995 SP₆₃
 1999 VH₁₃₃ = 1998 FN₁₄₂
 1999 VK₁₇₀ = 1995 UR₆₇ = 1997 HW₂
 1999 VA₁₇₁ = 2001 FG₁₈₇
 1999 XE₁₅₈ = 1983 ED₁
 1999 XN₂₅₁ = 2001 HS₆₃
 1999 YB₁₆ = 1995 UV₆₆
 1999 YG₁₇ = 2001 QC₃₈
 2000 AN₁₄ = 1995 UL₇₈
 2000 AC₃₈ = 2000 CW₁₄₅ = 1978 VB₁₁ = 1998 UE₃₇ = 2001 FO₁₇₇
 2000 AE₄₁ = 2000 EM₂₀₂ = 2001 QL₅₁
 2000 AC₅₇ = 2001 PD₁₀
 2000 AZ₆₅ = 2001 OC₈₈
 2000 AJ₇₆ = 2001 FE₁₈₉
 2000 AY₈₅ = 2001 FF₈₆
 2000 AH₈₆ = 1998 UE₃₁ = 1998 WO₄₃
 2000 AL₉₆ = 2001 OV₂₉
 2000 AX₉₇ = 2001 QJ₈₂
 2000 AO₁₀₅ = 2001 KT₁₁
 2000 AF₁₄₄ = 1994 PV₃₁
 2000 AQ₁₄₄ = 2001 QM₃₅
 2000 AQ₁₄₆ = 2001 PP₃₈
 2000 AL₁₅₂ = 2001 OT₉₆
 2000 AM₁₆₇ = 2001 OO₈₇
 2000 AQ₁₆₈ = 2000 CF₁₄₆
 2000 AK₂₀₁ = 2001 PB
 2000 AQ₂₀₁ = 2001 PT
 2000 AW₂₀₂ = 2001 PV₁₂
 2000 AS₂₃₇ = 2001 OS₉₀
 2000 AS₂₃₉ = 2001 PN₁₅
 2000 AO₂₄₂ = 2001 PL₁₇
 2000 BG₁₀ = 2001 PG₂₂
 2000 BE₁₃ = 2001 OO₉₄
 2000 BX₁₃ = 2001 OQ₁₀₄
 2000 BD₂₀ = 2001 QA₄₇
 2000 BF₂₇ = 1990 DX₈
 2000 BL₂₇ = 2001 QK₉₁
 2000 BE₄₀ = 2001 OJ₄
 2000 CB₈ = 2001 QY₂₁
 2000 CF₉ = 2001 FG₁₈₆
 2000 CO₁₀ = 2001 FC₁₈₉
 2000 CJ₁₄ = 2001 OW₁₀₈ = 2001 QK₆₇
 2000 CR₁₉ = 1995 QV₁₄
 2000 CR₂₀ = 2001 OA₉₉
 2000 CX₂₂ = 2001 MU₂₅
 2000 CZ₂₅ = 2001 QL₄₀
 2000 CF₂₇ = 2001 PK₁₀
 2000 CP₂₇ = 2001 QW₅₆
 2000 CA₂₈ = 2001 PG₁₀
 2000 CU₃₂ = 2001 QB₈₈
 2000 CP₃₈ = 2001 HF₂₅
 2000 CY₃₉ = 2001 PT₄₄
 2000 CW₄₁ = 2001 OA₄₆
 2000 CJ₄₆ = 2001 QO₉₅
 2000 CO₄₉ = 2001 QY₅
 2000 CS₅₂ = 2001 QG₈₁
 2000 CH₅₃ = 2001 QE₁₀₀
 2000 CO₅₈ = 2001 PN₈
 2000 CR₅₈ = 2001 OS₈₁
 2000 CV₅₈ = 2001 QV₂₆
 2000 CW₅₈ = 2001 QT₆₀
 2000 CA₅₉ = 2001 QR₁₅₁
 2000 CC₆₄ = 2001 PO₂₃
 2000 CX₇₀ = 1985 UM₆
 2000 CE₇₇ = 2001 QY₂
 2000 CR₇₉ = 2001 QC₁₄
 2000 CC₈₈ = 2001 PQ₂₆
 2000 CQ₈₈ = 2001 QA₁₂₆
 2000 CN₉₁ = 1987 SF₂₆
 2000 CR₉₁ = 2001 QU₄₁
 2000 CJ₉₂ = 2001 QD₅
 2000 CK₉₈ = 2001 QG₄₉
 2000 CO₁₀₆ = 2001 OY₉₈
 2000 CE₁₁₅ = 2001 KP₁₈
 2000 CQ₁₂₉ = 2001 ON₈₉
 2000 CW₁₃₄ = 2001 OU₂₆
 2000 DX₁ = 2000 CH₁₄₅ = 2001 OY₉₅
 2000 DB₄ = 2001 QO₉₉
 2000 DD₄ = 1996 FC₂ = 1998 QA₁₁₁ = 1998 XC₆₅
 2000 DH₄ = 2001 QJ₅₇
 2000 DJ₄ = 2001 QE₄₀
 2000 DQ₄ = 2001 OV₈₉
 2000 DX₄ = 2001 OS₁₀₂
 2000 DQ₁₁ = 2001 QZ₁₄₃
 2000 DB₁₄ = 2001 QE₃
 2000 DN₁₅ = 2001 PX₂₀
 2000 DK₂₆ = 2001 QC₁₂
 2000 DT₂₇ = 2001 OV₁₀₅
 2000 DZ₃₀ = 1976 JU₃
 2000 DM₃₂ = 1986 EA = 2001 PJ₇
 2000 DN₃₃ = 2001 QK₈
 2000 DJ₄₀ = 2001 QH₉₇

2000 DQ₄₄ = 2001 NX₇
 2000 DW₄₄ = 2001 QL₁₂
 2000 DD₄₅ = 2001 QF₄₃
 2000 DG₅₄ = 2001 QY₉₄
 2000 DQ₅₇ = 2001 QK₁₇
 2000 DL₅₉ = 2001 QF₅₂
 2000 DW₆₀ = 2001 OZ₉₃
 2000 DW₆₃ = 2001 PZ₁₃
 2000 DH₆₄ = 2001 QR₁₀₂
 2000 DP₆₄ = 2001 QE₄₉
 2000 DW₆₆ = 2001 QS₂₁
 2000 DH₆₇ = 2001 QB₅₁
 2000 DO₆₉ = 2001 QY₄₉
 2000 DC₇₄ = 2001 QN₁₄₃
 2000 DG₇₄ = 2001 PY₆
 2000 DN₇₅ = 2001 QW₁₄₄
 2000 DE₇₉ = 2001 QJ₁₃₅
 2000 DP₈₀ = 2001 LK₃
 2000 DU₈₀ = 2001 QO₅₆
 2000 DV₈₀ = 2001 OX₉₂
 2000 DC₈₁ = 2001 OY₈₁
 2000 DO₈₁ = 1982 DD₇ = 2001 QD₁₄₉
 2000 DW₈₁ = 2001 PT₄₅
 2000 DG₈₆ = 2001 QZ₁₂₄
 2000 DQ₈₆ = 2001 QB₄₇
 2000 DA₈₉ = 2001 PQ₁
 2000 DQ₉₅ = 2001 OE₉₃
 2000 DG₉₆ = 2001 QG₄₅
 2000 DC₁₀₁ = 2001 QS₄₀
 2000 DL₁₀₁ = 2001 OZ₉₁
 2000 DS₁₀₄ = 2001 QD₁₆
 2000 DJ₁₁₁ = 2001 QK₅
 2000 DW₁₁₁ = 2001 QK₆₃
 2000 DF₁₁₂ = 2001 QT₁₂₁
 2000 EB = 2000 KL₁
 2000 ED = 2001 PJ₅
 2000 EF = 2001 PN₃₆
 2000 EE₄ = 2001 QM₈₄
 2000 EU₅ = 2001 OT₉₄
 2000 EU₇ = 2001 OR₅₈
 2000 EV₇ = 1977 RK₆ = 2001 QR₂₄
 2000 EX₁₁ = 2001 QW₁₀₀
 2000 EM₁₂ = 2001 ON₈₂
 2000 EN₁₂ = 1994 NA₄ = 2001 PT₄₇
 2000 EL₁₃ = 2001 QK₃₅
 2000 EW₁₆ = 2001 QX₁₄₁
 2000 EC₁₈ = 2001 PT₃₀
 2000 EZ₁₈ = 2001 QV₁₁₆
 2000 EZ₂₀ = 2001 OG₆₉
 2000 EB₂₂ = 2001 QT₁₀₇
 2000 ET₂₃ = 2001 QK₉₄
 2000 EJ₂₅ = 2001 QS₆₁

2000 EK₂₅ = 2000 GF₁₃ = 2001 PN₁₄
 2000 EP₂₆ = 2001 PR₄₂
 2000 EC₂₇ = 1995 DS₆
 2000 ER₂₇ = 2001 OS₉₂
 2000 EC₃₀ = 2001 QN₅₅
 2000 EF₃₀ = 2001 PH₃₅
 2000 EG₃₁ = 2001 PX₄₃
 2000 EW₃₂ = 2001 QP₄₉
 2000 EX₃₃ = 2001 PZ
 2000 EC₃₄ = 2001 QZ₈₄
 2000 ED₃₇ = 2001 OM₁₀₀
 2000 EJ₃₇ = 2000 GW₅
 2000 EW₃₇ = 2001 PJ₂₆
 2000 EW₄₁ = 1953 PS = 1975 NN₁ = 2001 QW₂₇
 2000 ER₄₂ = 2001 QT₂₄
 2000 EQ₄₅ = 2001 PZ₃₂
 2000 ER₄₅ = 2001 QH₃₇
 2000 EJ₄₆ = 2001 QM₉₆
 2000 EP₄₆ = 2001 QN₃₄
 2000 EX₄₇ = 2001 OK₃₅ = 2001 PQ₁₉
 2000 EG₄₈ = 2001 QR₅₄
 2000 EN₄₈ = 2001 QO₇₉
 2000 EV₄₈ = 2001 QX₂₈
 2000 EB₄₉ = 2001 QA₁₂
 2000 EG₄₉ = 2001 OU₁₀₄
 2000 EP₅₀ = 2001 PJ₆
 2000 EM₅₃ = 1998 YW₂₄
 2000 EQ₅₄ = 2001 PP₃₃
 2000 EG₅₇ = 2001 QZ₃₉
 2000 EX₅₇ = 2001 QP₇₂
 2000 EC₆₀ = 2001 QL₉₅
 2000 EX₆₀ = 2001 QS₅₈
 2000 EJ₆₁ = 2001 QO₆₄
 2000 EV₆₃ = 2001 QE₁₂₆
 2000 EA₆₄ = 2001 QV₂₂
 2000 ET₆₈ = 2001 QH₇
 2000 EL₇₀ = 2001 QC₁₆
 2000 ET₇₆ = 2001 QK₅₂
 2000 EJ₇₉ = 2001 QW₁₀₇
 2000 ET₈₄ = 2001 QY₁₁₇
 2000 EJ₈₅ = 2001 QO₄₁
 2000 ED₈₇ = 2001 PJ₂₈
 2000 ES₈₇ = 2001 OV₁₀₁ = 2001 OO₁₀₄
 2000 ED₉₁ = 2001 QY₁₃₃
 2000 EG₉₄ = 2001 OZ₈₀
 2000 EQ₉₄ = 2001 PW₁₅
 2000 EY₉₇ = 2001 QH₆₇
 2000 EG₉₈ = 2001 LG₁₈
 2000 EF₉₉ = 2001 OC₉₀
 2000 ET₁₀₄ = 2001 QL₇₀
 2000 EK₁₀₅ = 2001 PV₁₇
 2000 EY₁₀₅ = 2001 PH₂₀

2000 EU₁₀₉ = 2001 QF₆₇
 2000 EY₁₀₉ = 2001 QS₁₅
 2000 ED₁₁₀ = 2001 OH₁₀₄
 2000 EU₁₁₀ = 2001 PT₃₉
 2000 EG₁₁₁ = 2001 PM₁₈
 2000 ER₁₁₂ = 2001 OK₁₀₇
 2000 EB₁₁₇ = 2001 QT₁₁₆
 2000 EB₁₂₃ = 2001 OL₉₀
 2000 ED₁₂₆ = 2001 PB₁₁
 2000 EW₁₂₉ = 2001 QQ₂₆
 2000 EX₁₂₉ = 1987 UC₄ = 2001 QW₂₈
 2000 ED₁₃₁ = 2001 OX₁₀₁
 2000 EO₁₃₁ = 2001 QD₂₁
 2000 EL₁₃₂ = 2001 QW₂₁
 2000 EZ₁₃₂ = 2001 PM₂₈
 2000 EL₁₃₄ = 2001 QK₁₂₃
 2000 EK₁₃₅ = 2001 QU₃₀
 2000 EU₁₃₆ = 2001 QB₁₂₁
 2000 EO₁₃₇ = 2001 QG₂₅
 2000 EQ₁₃₉ = 2001 QD₉₂
 2000 ES₁₄₁ = 2001 OW₇₉
 2000 EN₁₄₅ = 2001 OX₄₉
 2000 EG₁₅₂ = 2001 OT₆₈
 2000 EJ₁₅₄ = 2001 QF₁₁₆
 2000 EY₁₅₄ = 2001 QA₁₄₉
 2000 EB₁₅₅ = 2001 OH₁
 2000 ED₁₅₅ = 2001 OH₆₈
 2000 EN₁₅₅ = 2001 OP₁₀₅
 2000 EJ₁₅₇ = 2001 OB₇₈
 2000 EO₁₆₆ = 2001 QL₂₂
 2000 EB₁₇₅ = 2001 ON₉₇
 2000 EW₁₈₁ = 2001 PK₁
 2000 EK₁₈₆ = 2001 QU₈
 2000 EW₁₉₇ = 2001 OZ₈₄
 2000 EF₁₉₈ = 2001 NK₁₁
 2000 EU₁₉₈ = 2001 OG₆₇
 2000 ER₂₀₀ = 2001 PG₂₄
 2000 FF₃ = 2001 PQ₁₇
 2000 FP₃ = 2001 OH₉₉
 2000 FS₄ = 2001 OQ₇₇
 2000 FT₄ = 2001 QG₃₉
 2000 FZ₄ = 2001 OR₉₄
 2000 FV₈ = 2001 QR₄₆
 2000 FV₁₀ = 2001 NQ₁₀
 2000 FQ₁₆ = 2001 QW₂₂
 2000 FP₁₈ = 2001 QO₁₆
 2000 FO₂₀ = 2001 OU₁₀₅
 2000 FS₂₀ = 2001 QW₁₃₂
 2000 FH₂₁ = 2001 OK₉₄
 2000 FE₂₂ = 2001 ON₉₂
 2000 FV₂₄ = 2001 OX₁₁
 2000 FR₂₅ = 2001 QV₁₀₇
 2000 FY₂₅ = 2001 QF₂₅
 2000 FC₂₆ = 2001 PE₁₇
 2000 FZ₂₆ = 2001 PQ₄₇
 2000 FP₃₀ = 2001 QT₅₇
 2000 FS₃₀ = 2001 PK₁₁
 2000 FO₃₁ = 2001 PS₁₁
 2000 FU₃₃ = 2001 QD₁₉
 2000 FN₃₅ = 2001 QD₄₇
 2000 FD₄₀ = 2001 PP₁₇
 2000 FK₄₁ = 2001 QD₆₄
 2000 FU₄₂ = 2001 QZ₁₂₁
 2000 FW₄₃ = 2001 OM₉₄
 2000 FB₄₆ = 2001 QQ₅₆
 2000 FY₄₇ = 2001 OW₈₈
 2000 FY₄₉ = 2001 QC₇₄
 2000 FO₅₂ = 2001 OZ
 2000 FD₅₅ = 2001 QA₄₃
 2000 FZ₅₅ = 2001 OZ₈₈
 2000 FP₅₈ = 2001 PP₃₆
 2000 FK₅₉ = 2001 QU₁₂₀
 2000 FM₅₉ = 2001 PS₂₁
 2000 FD₆₁ = 2001 OB₈₉
 2000 FX₆₁ = 2001 NQ₁₃
 2000 FJ₆₄ = 2001 PU₃
 2000 GM = 2001 PA₉
 2000 GJ₁ = 2001 PY₄₇
 2000 GV₃ = 2001 QU₂₉
 2000 GA₄ = 2001 QF₄₂
 2000 GP₆ = 2001 PB₁₂
 2000 GZ₇ = 2001 QE₁₄₈
 2000 GQ₁₂ = 2001 QX₂₃
 2000 GQ₁₄ = 2001 QB₃₇
 2000 GB₁₅ = 2001 QT₃₅
 2000 GX₁₅ = 2001 QX₇₁
 2000 GO₂₃ = 2001 QU₁₀₉
 2000 GW₂₇ = 2001 PA₆
 2000 GP₂₉ = 2001 PA₂₉
 2000 GE₃₅ = 2001 OG₈₁
 2000 GV₃₅ = 2001 QQ₁₀₄
 2000 GW₃₅ = 1977 DQ₉ = 1998 YV₂₄
 2000 GZ₃₅ = 2001 QE₇₆
 2000 GP₃₆ = 2001 OM₇₈
 2000 GQ₃₈ = 2001 QP₂₃
 2000 GW₃₈ = 2001 QQ₁₅₂
 2000 GJ₄₀ = 2001 QK₇₀
 2000 GQ₄₀ = 2001 OY₁₀₀
 2000 GM₄₂ = 2001 QQ₂₈
 2000 GP₄₂ = 2001 QC₅₈
 2000 GV₄₆ = 2001 QW₁₀₄
 2000 GZ₄₆ = 2001 QW₇₆
 2000 GP₄₇ = 2001 NH₁₁
 2000 GH₄₉ = 2001 QZ₄₄

2000 GV₄₉ = 2001 QB₂₉
 2000 GZ₄₉ = 2000 HE₄₂ = 2001 QY₁₀₃
 2000 GE₅₀ = 2001 QR₁₇
 2000 GL₅₀ = 2001 QN₁₄₆
 2000 GK₅₁ = 2001 PJ₁
 2000 GW₅₂ = 2001 QW₈₅
 2000 GZ₅₂ = 2001 PR₃₀
 2000 GJ₅₃ = 2001 PV₁₁
 2000 GU₅₅ = 2001 QW₆₄
 2000 GB₅₆ = 2001 QW₁₀₉
 2000 GC₅₇ = 2001 QM₅₀
 2000 GG₅₇ = 2001 QB₄₂
 2000 GJ₅₇ = 2001 QU₇₈
 2000 GL₅₈ = 2001 PG₃₀
 2000 GK₆₁ = 2001 QK₂₈
 2000 GR₆₇ = 2001 QH₁₄₄
 2000 GV₆₉ = 2001 QU₇₅
 2000 GG₇₀ = 2001 QV₂₃
 2000 GS₇₁ = 2001 OO₁₀₅
 2000 GV₇₁ = 2001 QW₇₅
 2000 GW₇₁ = 2001 OK₇₉
 2000 GP₇₂ = 2001 QM₈₅
 2000 GA₇₃ = 2001 QS₇₀
 2000 GG₇₄ = 2001 QO₅₉
 2000 GB₇₅ = 2001 QS₇₆
 2000 GC₇₅ = 2001 QP₈₄
 2000 GM₇₇ = 2001 QG₂₁
 2000 GM₈₁ = 2001 OB₈₃
 2000 GN₈₁ = 2001 QN₂₇
 2000 GZ₈₄ = 2001 PR₁₇
 2000 GK₈₇ = 2001 QM₁₃
 2000 GS₈₇ = 2001 QT₁₄₇
 2000 GC₈₈ = 2001 PA₁₈
 2000 GQ₈₉ = 2001 QM₁₂₀
 2000 GU₉₀ = 2001 OJ₁₀₀
 2000 GA₉₁ = 2001 PP₄₅
 2000 GG₉₃ = 2001 QF₁₀₁
 2000 GO₉₃ = 2001 OM₃₃
 2000 GP₉₄ = 2001 QF₆₅
 2000 GS₉₅ = 2001 QD₇₇
 2000 GC₉₆ = 2001 QW₆₉
 2000 GH₉₈ = 2001 OK₉₅
 2000 GS₉₉ = 2001 OL₈₂
 2000 GD₁₀₀ = 2001 QN₁₁
 2000 GJ₁₀₀ = 2001 QZ₁₄₄
 2000 GJ₁₀₂ = 2001 QL₁₂₉
 2000 GM₁₀₆ = 2001 QX₁₂
 2000 GS₁₀₉ = 2001 PG₂₆
 2000 GX₁₀₉ = 2001 OR₉₁
 2000 GZ₁₀₉ = 2001 OT₁₆
 2000 GL₁₁₀ = 2001 PD₄₀
 2000 GS₁₁₁ = 2001 QS₅₃

2000 GW₁₁₁ = 2001 QK₂₆
 2000 GV₁₁₄ = 2001 QP₁₀₃
 2000 GA₁₁₅ = 2001 QL₂₅
 2000 GN₁₁₅ = 1075 T-1 = 2001 QE₅₉
 2000 GR₁₂₀ = 1981 QW₄ = 2001 OA₆₅
 2000 GL₁₂₂ = 2001 PS₃₅
 2000 GQ₁₂₂ = 2001 QV₁₃₃
 2000 GK₁₂₃ = 1978 EK₅ = 2001 PP₃₉
 2000 GZ₁₂₄ = 2001 QR₇₆
 2000 GT₁₂₅ = 2001 PT₂₆
 2000 GA₁₂₆ = 2001 OR₉₆
 2000 GN₁₂₆ = 2001 QQ₇₇
 2000 GV₁₃₀ = 2001 QH₁₄₁
 2000 GZ₁₃₃ = 2001 OP₉₆
 2000 GB₁₃₄ = 2001 QW₆₅
 2000 GV₁₃₅ = 2001 QZ₅₂
 2000 GC₁₃₆ = 2001 QW₁₀₃
 2000 GQ₁₃₆ = 2001 QA₂₂
 2000 GW₁₃₇ = 2001 QD₁₇
 2000 GG₁₄₁ = 2001 OT₇₉
 2000 GF₁₄₂ = 2001 QJ₁₁
 2000 GK₁₄₂ = 2001 OY₁₀₃
 2000 GX₁₄₂ = 2001 QC₁₅₀
 2000 GF₁₄₃ = 2001 QG₁₄₇
 2000 GD₁₄₄ = 1987 SR₂₁ = 2001 QR₃₁
 2000 GB₁₄₉ = 2001 QG₁₅
 2000 GP₁₅₂ = 2001 LT₁₈
 2000 GG₁₅₃ = 2001 QA₁₀
 2000 GC₁₅₆ = 2001 OE₅₃
 2000 GU₁₅₆ = 2001 OT₃₇
 2000 GO₁₅₉ = 2001 QJ₁₃₈
 2000 GS₁₅₉ = 2001 PZ₃
 2000 GW₁₅₉ = 2001 PB₁₆
 2000 GL₁₆₀ = 2000 GO₂ = 2001 PJ₂₀
 2000 GT₁₆₂ = 2001 QX₇₄
 2000 GY₁₇₃ = 2001 OP₇₄
 2000 GH₁₇₄ = 2001 OL₁₀₄
 2000 GW₁₇₈ = 2001 ND
 2000 HQ₁ = 2001 QQ₁₂₉
 2000 HU₂ = 2001 QN₁₆
 2000 HV₃ = 2001 PB₂₆
 2000 HX₄ = 2001 PL₂₃
 2000 HG₆ = 2001 QP₅₅
 2000 HJ₆ = 2001 QB₅₀
 2000 HR₇ = 2001 QR₄₀
 2000 HW₇ = 2001 QO₆₇
 2000 HA₈ = 2001 QA₁₀₃
 2000 HM₁₀ = 2001 PC₄₂
 2000 HU₁₀ = 2001 OU₇₈
 2000 HA₁₁ = 2001 QE₅₁
 2000 HH₁₁ = 2001 QF₉₂
 2000 HV₁₁ = 2001 QF₁

2000 HM₁₂ = 2001 PA₁
 2000 HV₁₂ = 2001 QB₁₆
 2000 HH₁₄ = 2001 QD₁₄₈
 2000 HE₁₅ = 2001 QF₂₁
 2000 HG₁₆ = 2001 OH₉₈
 2000 HD₁₈ = 2001 QR₆₆
 2000 HD₁₉ = 2001 QK₄₁
 2000 HB₂₀ = 2001 QX₄₃
 2000 HD₂₁ = 2001 OH₇₉
 2000 HH₂₁ = 2001 QH₄₈
 2000 HO₂₂ = 2001 OQ₇₅
 2000 HP₂₂ = 1994 BK₁ = 1997 WO₂₄
 2000 HW₂₂ = 2001 QZ₅
 2000 HP₂₄ = 2001 OC₉₈
 2000 HO₂₅ = 2001 QY₁₂₀
 2000 HH₂₆ = 2001 OF₈₂
 2000 HM₂₆ = 2001 QK₃₇
 2000 HT₂₆ = 2001 QZ₇₆
 2000 HV₂₆ = 2001 QY₄₄
 2000 HJ₃₀ = 2001 QA₅₂
 2000 HL₃₀ = 2001 QJ₅₁
 2000 HA₃₂ = 2001 PU₃₀
 2000 HS₃₂ = 2001 QU₁₆
 2000 HG₃₃ = 2001 OZ₇₇
 2000 HN₃₃ = 2001 QW₁₂₅
 2000 HD₃₅ = 2001 OC₄₂
 2000 HR₃₅ = 2001 OD₈₀
 2000 HN₃₆ = 2001 QL₃₈
 2000 HU₃₆ = 2001 OD₉₅
 2000 HP₃₉ = 2001 PS₄₃
 2000 HL₄₀ = 2001 PV₂₆
 2000 HQ₄₀ = 2001 QE₁₁₆
 2000 HJ₄₁ = 2001 OK₈₂
 2000 HN₄₁ = 1989 TT₉
 2000 HK₄₂ = 2001 QW₁₃₁
 2000 HM₄₂ = 2000 HE₁₀₅ = 2001 PU₂₀
 2000 HX₄₂ = 2001 OM₈₅
 2000 HR₄₄ = 2001 PA₁₃
 2000 HK₄₅ = 2001 QE₂₈
 2000 HF₄₆ = 2001 QM₁₁₅
 2000 HW₄₆ = 2001 QQ₂₄
 2000 HA₄₈ = 2001 QH₁₀
 2000 HL₄₈ = 2001 PB₄₁
 2000 HM₄₉ = 2001 QX₁₁
 2000 HK₅₀ = 1991 JX₅ = 2001 QG₂₈
 2000 HC₅₂ = 2001 QK₁₁₈
 2000 HE₅₂ = 2001 OP₉₈
 2000 HO₅₃ = 2001 QP₈₃
 2000 HT₅₄ = 2001 QT₁₀₄
 2000 HQ₅₅ = 2001 QP₄₃
 2000 HB₅₆ = 2001 QH₂₂
 2000 HF₅₆ = 1981 UL₄ = 2001 PH₁₈
 2000 HC₅₈ = 2001 QE₃₅
 2000 HT₆₂ = 2001 OL₉₉
 2000 HH₆₅ = 2001 PA₂
 2000 HM₆₇ = 2001 PM₂₁
 2000 HE₆₉ = 2001 QO₁
 2000 HT₇₀ = 2001 ON₇₈
 2000 HA₇₁ = 2001 ON₉₈
 2000 HP₇₁ = 2001 QO₆₆
 2000 HS₇₁ = 2001 OM₈₂
 2000 HX₇₂ = 2001 OK₈₄
 2000 HH₇₃ = 2001 QT₇₀
 2000 HJ₇₃ = 2001 OX₇₆
 2000 HR₇₄ = 2001 OB₉₀
 2000 HK₇₅ = 2001 ND₂₂
 2000 HD₇₆ = 2001 OE₁₀₅
 2000 HH₇₈ = 2001 OQ₉₈
 2000 HW₇₈ = 2001 QU₁₄₆
 2000 HA₈₀ = 2001 PU₁₂
 2000 HK₈₀ = 2001 PN₅
 2000 HQ₈₀ = 1999 AY₃₈ = 2001 PV₃₁
 2000 HD₈₁ = 2001 QN₈₄
 2000 HZ₈₂ = 2001 QE₄₅
 2000 HW₈₃ = 2001 QQ₁₀₃
 2000 HG₈₅ = 1978 NN₅ = 2001 QX₆₄
 2000 HP₈₅ = 2001 OR₉₃
 2000 HE₈₆ = 2001 ON₁₀₇
 2000 HQ₈₇ = 2001 PM₃₀
 2000 HT₈₇ = 2001 QH₄₃
 2000 HV₈₇ = 1990 JG₁ = 1990 JA₂ = 2001 PK₃₃
 2000 HD₈₈ = 2001 PW₃
 2000 HM₈₈ = 2001 QZ₁₃₂
 2000 HM₉₂ = 2001 QM₄₆
 2000 HS₉₆ = 2001 OC₃₉
 2000 HJ₁₀₀ = 2001 OJ₈₂ = 2001 PY₃
 2000 HK₁₀₂ = 2001 QU₇₀
 2000 HN₁₀₃ = 2001 PW₅
 2000 HA₁₀₅ = 2000 JR₈₈ = 2001 OQ₉₉
 2000 JU = 2001 QR₈₉
 2000 JB₁ = 2001 QW₅₉
 2000 JX₂ = 2001 QH₆₄
 2000 JU₆ = 2001 OL₇₈
 2000 JM₇ = 2001 QM₄₀
 2000 JM₉ = 2001 QY₁₆
 2000 JW₉ = 2001 PS₄₇
 2000 JF₁₁ = 2001 QP₇₃
 2000 JO₁₁ = 2001 QR₁₁₄
 2000 JA₁₂ = 2001 QR₁₂₉
 2000 JJ₁₂ = 2001 QD₁₀₁
 2000 JP₁₂ = 1982 UG₅ = 2001 QY₃₀
 2000 JT₁₂ = 2000 HK₅₅ = 2001 QD₈₅
 2000 JU₁₄ = 2001 QB₆₃
 2000 JU₁₅ = 2001 OU₇₂

2000 JZ₁₅ = 1976 UL₁₂ = 2001 OO₆₇
 2000 JU₁₈ = 2001 OR₈₃
 2000 JW₁₈ = 2001 PS₇
 2000 JU₁₉ = 2001 OJ₈₁
 2000 JS₂₀ = 2001 PT₈
 2000 JA₂₁ = 2001 QM₆₆
 2000 JH₂₁ = 2001 QG₁₂
 2000 JU₂₂ = 2001 LG₁₉
 2000 JE₂₃ = 2001 OQ₈₈
 2000 JA₂₄ = 2001 PB₅₀
 2000 JY₂₈ = 2001 QA₈₇
 2000 JE₃₀ = 2001 PR₁₈
 2000 JA₃₁ = 2001 QV₇₅
 2000 JC₃₁ = 2001 QW₃₁
 2000 JZ₃₁ = 1999 CF₅₈ = 2001 OX₂₈
 2000 JT₃₃ = 2001 NU₂₀
 2000 JR₃₄ = 2000 HL₅₅ = 2001 OG₁₀₂
 2000 JV₃₅ = 2001 QZ₅₄
 2000 JZ₃₅ = 2001 QP₁₁₁
 2000 JL₃₆ = 2001 QD₇₄
 2000 JS₃₆ = 2001 OR₁₀₅
 2000 JF₄₀ = 2001 QE₉₂
 2000 JF₄₁ = 1975 TY₆ = 2001 QO₅₈
 2000 JX₄₁ = 2001 OW₈₂
 2000 JL₄₅ = 2001 QZ₆
 2000 JV₄₅ = 2001 PR₂₆
 2000 JH₄₇ = 2001 QJ₂₁
 2000 JD₅₁ = 2001 PO₂₅
 2000 JL₅₁ = 2001 OK₉₀
 2000 JZ₅₂ = 2001 OE₉₆
 2000 JN₅₄ = 2001 OR₉₂
 2000 JK₅₇ = 2001 PY₇
 2000 JW₅₈ = 2001 OR₁₀₃
 2000 JF₅₉ = 2001 QY₈₂
 2000 JN₅₉ = 2001 QG₁₃₈
 2000 JV₅₉ = 2001 PS₄₆
 2000 JA₆₀ = 2001 QH₇₅
 2000 JZ₆₀ = 2001 QF₁₃₈
 2000 JX₆₂ = 2001 QN₈₁
 2000 JF₆₃ = 2001 QB₉₄
 2000 JH₆₃ = 2001 QA₁₃₂
 2000 JC₆₅ = 1985 SH₄
 2000 JN₆₅ = 2001 QN₃₈
 2000 JZ₆₈ = 1993 TH₃₇
 2000 JM₇₀ = 2001 OZ₁₀₂
 2000 JA₇₃ = 2001 QF₁₄₇
 2000 JS₇₃ = 2001 PX₄₆
 2000 JM₇₄ = 2001 QV₁₁₅
 2000 JG₇₆ = 2001 OC₅₆
 2000 JW₇₈ = 2001 OF₃₅
 2000 JW₇₉ = 2001 PB₄
 2000 JQ₈₁ = 2000 JV₈₅

2000 JQ₈₃ = 2001 PR₄₃
 2000 JC₈₅ = 2001 PS₂₇
 2000 JL₈₅ = 2001 QB₂₂
 2000 KH = 2001 QV₁
 2000 KD₁ = 2001 QL₁
 2000 KP₂ = 1974 HZ₁ = 2001 QV₈₃
 2000 KW₅ = 2001 QP₇₅
 2000 KQ₆ = 2001 QZ₁₄₉
 2000 KZ₆ = 2001 PU₇
 2000 KJ₉ = 2001 QK₈₀
 2000 KS₁₀ = 2001 PH₃₃
 2000 KY₁₀ = 2000 HG₅₅ = 2000 JV₈₇ = 2001 PN₂₀
 2000 KT₁₂ = 2001 QA₉₉
 2000 KH₁₃ = 2001 PU₄₀
 2000 KN₁₃ = 2001 QF₅₄
 2000 KP₁₃ = 2000 HH₉₀ = 2001 QB₉₉
 2000 KQ₁₃ = 2001 QJ₈
 2000 KT₁₃ = 2001 PB₃₇
 2000 KC₁₄ = 2001 QU₆₄
 2000 KW₁₄ = 2001 PP₁
 2000 KQ₁₅ = 2000 JJ₅₃ = 2001 MQ₂₄
 2000 KH₁₆ = 2001 PU₂₉
 2000 KB₂₆ = 1999 FS₄₉ = 2001 OC₇₃
 2000 KG₃₀ = 2001 PZ₁₁
 2000 KD₃₁ = 2001 QG₇₆
 2000 KW₃₄ = 2001 QS₂₀
 2000 KF₃₆ = 1989 TN₁₀ = 2001 QQ₁₄₁
 2000 KJ₃₆ = 2001 QB₁₁₈
 2000 KU₃₇ = 2001 QF₅
 2000 KG₄₀ = 2001 QH₅₁
 2000 KH₄₂ = 2001 QU₁₃₂
 2000 KX₄₂ = 2001 QU₅₁
 2000 KT₄₄ = 2001 OG₉₂
 2000 KN₄₅ = 2001 QH₁₂₆
 2000 KF₄₆ = 2001 QJ₁₁₈
 2000 KC₄₇ = 2001 QX₁₉
 2000 KF₄₈ = 2001 QM₁₄₀
 2000 KY₄₉ = 2001 QS₇₄
 2000 KT₅₀ = 2001 PO₈
 2000 KF₅₁ = 2001 QL₉₆
 2000 KJ₅₂ = 2001 OS₆₀
 2000 KZ₅₃ = 2000 JP₈₇ = 2001 QP₈₇
 2000 KR₅₆ = 2001 PQ₄₁
 2000 KP₅₇ = 1979 SR₇ = 2001 QE₃₁
 2000 KS₅₈ = 2001 PN₇
 2000 KR₅₉ = 2001 PM₃₂
 2000 KN₆₂ = 2001 NX₁₀
 2000 KO₆₃ = 2001 QU₈₃
 2000 KU₆₃ = 2001 OR₇₈
 2000 KD₆₅ = 1992 PJ₄
 2000 KU₆₅ = 2001 PP₁₈
 2000 KA₆₆ = 2001 QO₁₀₁

2000 KF₇₀ = 2001 OP₈₇
 2000 KH₇₁ = 2001 PV₃₃
 2000 KZ₇₃ = 2001 QF₉₈
 2000 KB₇₄ = 2001 QW₉
 2000 KT₇₄ = 1998 XQ₉₄ = 2001 MZ₂₉
 2000 KO₇₅ = 2001 PN₂₁
 2000 KH₇₈ = 2001 QE₃₃
 2000 KV₈₂ = 2001 OX₇₉
 2000 KW₈₂ = 2001 OJ₃₅
 2000 LK₁ = 2001 QD₁₀₉
 2000 LH₃ = 2001 QT₂₈
 2000 LJ₃ = 2001 QQ₂₉
 2000 LG₄ = 1982 BF₆ = 2001 OF₄₀
 2000 LT₆ = 2001 QP₁₂₉
 2000 LU₆ = 2001 PG₉
 2000 LJ₇ = 2001 ON₁₂
 2000 LU₇ = 1987 SG₁₆ = 1987 SO₄ = 2001 QK₁₃₉
 2000 LV₈ = 2001 PY₃₂
 2000 LJ₁₀ = 2001 QP₁₁₅
 2000 LK₁₄ = 1972 VE₁ = 1983 XY₁ = 1990 SE₂₈ = 1990 UD₁₂ = 2001 QX₁₃₈
 2000 LP₁₆ = 2001 QT₇₉
 2000 LA₁₉ = 2001 OU₁₀₂
 2000 LH₂₆ = 2001 PE₄₁
 2000 LV₂₆ = 2001 OV₃₀
 2000 LX₂₆ = 2001 OR₆₃
 2000 LZ₃₄ = 2001 QL₁₁₂
 2000 MN = 2001 QE₂₃
 2000 MW = 2001 OU₉₈
 2000 MC₃ = 1989 YT₈
 2000 OE = 2001 QR₁₀₇
 2000 PE₉ = 2001 QS₁₃₆
 2000 PO₁₁ = 1997 YF₁₆ = 1999 JO₁₀₄
 2000 PJ₃₀ = 1999 OO₄
 2000 QU₁₀ = 1995 UD₇₁
 2000 QO₉₀ = 2001 QC₇₈
 2000 SW₁ = 2000 LS₁₃ = 1990 VK₁₂ = 1990 WZ₉
 2000 SV₃₁ = 1995 SO₅₇
 2000 SD₁₀₂ = 1995 SN₇₀
 2000 SS₁₂₆ = 1995 PF₁
 2000 SH₁₅₇ = 1999 LG₁₃
 2000 SD₂₃₄ = 1988 TK₅
 2000 SZ₃₅₄ = 1998 HE₁₂₄
 2000 TT₁ = 1993 SY
 2000 TP₁₅ = 1995 MJ₆
 2000 TT₂₃ = 1995 OQ₁₃
 2000 TK₂₈ = 4828 P-L
 2000 TO₂₈ = 1998 HG₁₁₄ = 2000 SP₃₅₃
 2000 TT₄₄ = 1997 WX₄₄
 2000 TM₅₀ = 1998 KG₄₃
 2000 VX₁₅ = 1997 AT₁₁ = 1999 ND₂₀
 2000 WD₁₄ = 1995 SE₆₆
 2000 WG₁₀₂ = 1995 SJ₈₅

2000 WA₁₀₄ = 1998 FE₄
 2000 WC₁₂₂ = 1993 HE₂ = 2000 WR₁₉₂
 2000 WE₁₉₄ = 1998 TL₂₇
 2000 XQ₃₀ = 2001 DF₁₀ = 1999 NW₁₆
 2000 YW₄ = 1999 TK₃₂₀
 2000 YJ₁₄ = 1993 FZ₅₃
 2000 YF₃₄ = 1998 FG₉₆
 2000 YN₄₆ = 1999 VN₂₀₀
 2000 YA₆₉ = 1999 RS₂₃₄
 2000 YV₁₃₅ = 1978 WG₁₇ = 1996 KO₄
 2001 AN₁₉ = 1995 UA₆₃
 2001 CH₂₀ = 1995 UC₇₉
 2001 CQ₄₈ = 1995 QG₁₅
 2001 DW₃₉ = 1995 UF₆₁
 2001 DD₄₀ = 1999 TK₂₄₁
 2001 DJ₄₁ = 1992 SQ₂₀
 2001 DM₄₆ = 1997 TA₂₉
 2001 DY₅₅ = 1995 SO₅₆
 2001 DD₁₀₇ = 1996 XE₁₇
 2001 FW₁₁₅ = 1999 XV₂₆₁
 2001 FC₁₆₆ = 1995 UY₅₇
 2001 FS₁₈₆ = 2000 AB₈
 2001 FN₁₈₉ = 1998 SJ₉₉
 2001 FT₁₉₂ = 1998 SV₉₈
 2001 GA₆ = 1993 HB₁
 2001 HE₄₈ = 1995 WF₃₇ = 2000 AA₁₇₈
 2001 HS₄₉ = 1995 SF₆₆
 2001 HA₅₃ = 1980 FF₅
 2001 HT₅₆ = 1995 YA₁₉
 2001 HX₅₉ = 2000 AE₁₇₂
 2001 JW₃ = 1992 WC₅
 2001 JV₈ = 1998 ST₃₆
 2001 KP₂₂ = 1998 SJ₁₆₅
 2001 KU₂₆ = 1998 XW₈₈
 2001 KC₃₀ = 1998 VA₂₄
 2001 KJ₄₂ = 2001 HF₆₇
 2001 KQ₇₄ = 2000 AD₃₈
 2001 LO₆ = 1998 XG₁₃ = 2000 CR₄₇
 2001 LM₁₁ = 1989 EF₁₀ = 1997 MD₇ = 2000 CO₁₈
 2001 LJ₁₅ = 1987 KD₃ = 1989 SQ₁₃ = 2000 JD₃₆
 2001 LS₁₈ = 2000 HO₁₀₃
 2001 LA₁₉ = 2001 OE₄₉ = 1986 TZ = 2000 HE₈₉
 2001 LC₁₉ = 2000 FO₁₉
 2001 LE₁₉ = 1994 RQ₂
 2001 LJ₁₉ = 1992 SJ₂₄
 2001 MO₅ = 1997 PU₃
 2001 MA₆ = 2000 EY₂₀₄
 2001 MP₆ = 1997 XQ₁₀
 2001 MT₈ = 1999 CY₄₃
 2001 MY₈ = 2000 GM₅₈
 2001 ML₉ = 1995 YU₁₅ = 2000 FM₆₂
 2001 MQ₉ = 2000 JD₂₅

2001 MM₁₁ = 1989 EJ₄ = 1995 YK₁₃ = 2000 JS₈₈
 2001 MR₁₁ = 1974 SC = 2000 KL₇₀
 2001 MO₁₂ = 1998 XS₉₅ = 2000 JM₄₇
 2001 MR₁₂ = 1994 AY₁₅ = 1997 YH₆
 2001 MA₁₃ = 1999 CJ₆₁
 2001 MD₁₃ = 1999 CE₇₀
 2001 MU₁₄ = 1979 SK₂ = 1988 UM₁ = 1999 CW₃ = 2000 KM₅₂
 2001 MQ₁₅ = 1987 QU₅ = 1989 CB₂ = 1995 OP₁₂
 2001 MR₁₅ = 1993 TC₉
 2001 MG₁₆ = 2001 MK₂₄
 2001 MV₁₈ = 2000 GS₁₇₆
 2001 ME₁₉ = 1987 QO₆
 2001 MG₂₃ = 1972 TR₅ = 1976 JX₉ = 1990 VX₇ = 1996 VG₄₀
 2001 MV₂₃ = 1998 TQ₁₄
 2001 MX₂₃ = 2000 EG₁₉₅
 2001 MA₂₄ = 1998 XN₃₈
 2001 MN₂₄ = 1996 KX₇
 2001 MR₂₄ = 1990 RE₉
 2001 MY₂₄ = 1991 PA₉
 2001 MF₂₇ = 2000 EQ₇₇
 2001 MM₂₇ = 1997 YC₁₇
 2001 MD₂₈ = 1998 SB₁₁₀
 2001 MS₂₈ = 1989 SH₇
 2001 MX₂₈ = 1997 UA₃
 2001 MZ₂₈ = 1999 CS₇₁
 2001 MW₂₉ = 2000 JH₅₉
 2001 MY₂₉ = 1998 BK₄₀
 2001 MC₃₀ = 1980 PQ₁
 2001 MD₃₀ = 1977 UV₁ = 1999 YL₁₈
 2001 NN = 1999 XG₂₁₆
 2001 NO = 2000 CY₃₀
 2001 NZ = 1999 CM₄₄
 2001 NC₁ = 1998 XO₆₀
 2001 NS₁ = 1997 US₁₆
 2001 NB₂ = 1990 QP₁₃
 2001 NC₂ = 1998 XW₇₉
 2001 NA₃ = 1999 CW₁₁₅
 2001 NE₃ = 1999 CX₉₁
 2001 NA₄ = 1999 CD₇₅
 2001 NS₄ = 3239 T-3 = 2000 JR₆₈
 2001 NX₄ = 2000 EH₁₈₈
 2001 NC₅ = 2000 EQ₉₉
 2001 NJ₅ = 1991 VV₁₆ = 2000 CP₁₂₄ = 2000 EW₂₀₄
 2001 NO₆ = 1985 YW₁
 2001 NZ₆ = 1992 ET₂₆
 2001 NQ₇ = 1996 HF₂₃
 2001 NU₇ = 1999 BH₁₈
 2001 NX₈ = 1999 BZ₄
 2001 NJ₉ = 1997 QO = 1999 FM₅₅
 2001 NP₁₀ = 2000 ER₁₉₀
 2001 NW₁₀ = 1999 CJ₁₀₉
 2001 NE₁₁ = 1994 PA₃₈

2001 NG₁₁ = 1998 YJ₂₉
 2001 NR₁₁ = 2000 EA₁₄₆
 2001 NW₁₂ = 2000 EX₂₀₄
 2001 NF₁₃ = 1980 RD₂
 2001 NF₁₄ = 1989 SE₁₄
 2001 NZ₁₅ = 1979 OF₁₂ = 2000 KD₄₇
 2001 NU₁₆ = 4268 P-L
 2001 NC₁₇ = 2000 DN₁₁₅
 2001 ND₁₇ = 2000 JT₆₄
 2001 NM₁₇ = 1999 CK₇₈
 2001 NT₁₇ = 1998 RH₃₉ = 2000 DO₇₉
 2001 NE₁₈ = 1999 CT₇₂
 2001 NG₁₈ = 5034 T-2
 2001 NS₁₈ = 1993 FR₇₅ = 1994 TB₁₀ = 1997 MS₁ = 2000 DU₂₇
 2001 NU₁₈ = 2000 JP₄₈
 2001 NK₁₉ = 1994 RD₁₇
 2001 NC₂₀ = 1996 GQ₁₉ = 2000 EH₁₄₃
 2001 NK₂₀ = 1993 FS₄₈
 2001 NN₂₀ = 1998 XJ₄₂
 2001 NA₂₁ = 1996 TE₅₉
 2001 NB₂₁ = 1995 YJ₁₉
 2001 ND₂₁ = 1996 VB₂ = 2000 KM₁₇
 2001 NE₂₁ = 1996 KN₃
 2001 NN₂₁ = 2000 DP₂₉
 2001 NW₂₁ = 1996 OZ₂
 2001 NX₂₁ = 4078 P-L
 2001 NY₂₁ = 2000 HJ₆₁
 2001 NZ₂₁ = 1995 BV₇
 2001 NB₂₂ = 1999 CX₁₄₀
 2001 OB = 1999 BF₁₉
 2001 OL = 1998 YG₁₁
 2001 OO = 1999 CJ₆₉ = 2000 KR₆₃
 2001 OM₁ = 2000 KW₇₂
 2001 OQ₁ = 2000 KR₈₂ = 2000 LM₃₁ = 2000 LF₃₇
 2001 OS₁ = 1992 JM₁
 2001 OC₃ = 2000 AD₂₄
 2001 OF₃ = 1998 XZ₆₃
 2001 OQ₄ = 2000 ES₁₇₀
 2001 OT₄ = 1993 SK₉
 2001 OV₄ = 1990 SP₂₀
 2001 OA₅ = 1991 XD₁ = 1997 AP₇ = 2000 KE₃₃
 2001 OK₅ = 1998 WL₁₄
 2001 OR₅ = 1998 MK₁₉
 2001 OY₅ = 1999 CP₈₁
 2001 OL₆ = 1997 LN₁₄
 2001 OO₆ = 1994 JO₂
 2001 OA₇ = 2000 JV₁₁
 2001 OC₇ = 2000 GR₃₃
 2001 OC₈ = 2000 JN₄₇
 2001 OJ₈ = 1996 TE₁₄
 2001 OR₈ = 1990 TQ₆ = 2000 CW₁₂
 2001 OV₈ = 1996 FX₇

2001 OZ₈ = 1975 XZ = 1979 OO₈ = 1986 WB₂
 2001 OM₁₀ = 1999 FO₂₂
 2001 ON₁₀ = 1998 RP₂ = 2000 AJ₂₄₈
 2001 OD₁₁ = 1992 SF₁₀
 2001 OZ₁₁ = 1996 VM₃₈
 2001 OG₁₂ = 1999 GO₃₉
 2001 OY₁₂ = 1999 CC₁₀₂
 2001 OF₁₃ = 1996 FN₃
 2001 OG₁₃ = 2000 JU₅₂
 2001 OO₁₃ = 1993 UG₅
 2001 OT₁₃ = 1991 RM₁₆
 2001 OU₁₃ = 1998 XW₉₅
 2001 OG₁₄ = 2000 DC₉₇
 2001 OJ₁₄ = 2000 BC₂₈
 2001 ON₁₄ = 1988 CN₇ = 1999 FS₃₉ = 2000 KO₇₄
 2001 OS₁₄ = 1999 CU₁₆
 2001 OZ₁₅ = 1997 XD₃
 2001 OP₁₈ = 1998 SB₁₅₀ = 2000 AZ₁₁₉
 2001 OX₁₈ = 2000 GJ₁₆₈
 2001 OQ₁₉ = 2000 GX₁₆₅
 2001 OS₁₉ = 2000 EC₁₉₄
 2001 OT₁₉ = 1999 CU₂₇
 2001 OG₂₀ = 1990 ST₁ = 2000 KL₇₁
 2001 OV₂₀ = 1999 CU₈₈
 2001 OY₂₀ = 1999 FG₄₇
 2001 OA₂₁ = 1992 GU₈
 2001 OF₂₁ = 2000 JP₅₃
 2001 OL₂₁ = 1999 BU₉
 2001 OM₂₁ = 1999 CO₁₁₄
 2001 OD₂₂ = 1999 JB₇₉
 2001 OP₂₂ = 1992 HU₆
 2001 OY₂₂ = 2000 GP₁₁₃
 2001 OB₂₃ = 1997 HD₁₀
 2001 OG₂₃ = 1997 WO₄₈ = 2000 LF₁₁
 2001 OQ₂₃ = 1990 TH₁₀ = 1996 VH₃₉
 2001 OA₂₄ = 1997 LK₉
 2001 OC₂₄ = 2000 GT₁₄
 2001 OZ₂₄ = 1998 XD₈₉
 2001 OK₂₅ = 1993 QK₆
 2001 OU₂₅ = 1993 FB₇₆
 2001 OY₂₅ = 1999 CS₂₉
 2001 OZ₂₅ = 1997 WY₅₀
 2001 OE₂₇ = 2001 LO₁₉ = 1996 TL₆₅
 2001 OE₃₀ = 1997 UJ₂₄
 2001 ON₃₀ = 2000 KV₁₀
 2001 OM₃₁ = 1998 XB₂₇
 2001 OS₃₁ = 2000 HG₉₆
 2001 OC₃₂ = 1999 CD₈₂
 2001 OG₃₂ = 2000 CN₁₂₃
 2001 OJ₃₂ = 1998 XH₃₀
 2001 OX₃₂ = 1997 RN₄
 2001 OQ₃₃ = 1994 CZ₁₄ = 1999 CO₅₅
 2001 OB₃₄ = 1999 FB₅₇
 2001 OE₃₄ = 2000 DF₄
 2001 OK₃₄ = 1980 TQ₉ = 1993 SY₁₅
 2001 OX₃₄ = 1998 UE₂₉
 2001 OT₃₅ = 1999 JR₁₀₄
 2001 OQ₃₆ = 2000 BM₆
 2001 OX₃₆ = 2000 EU₁₉₁
 2001 OC₃₇ = 2000 EH₉₀
 2001 OF₃₇ = 1999 XR₁₄₀
 2001 OQ₃₇ = 2000 KR₂₀
 2001 OA₃₈ = 1998 XC₆₂
 2001 OJ₃₈ = 2000 GB₁₂₈
 2001 OM₃₈ = 2000 EB₁₂₇
 2001 OP₃₈ = 2000 HW₉₅
 2001 OO₃₉ = 1999 CV₉₉
 2001 OP₃₉ = 2000 CO₁₂₄
 2001 OQ₃₉ = 2000 EB₁₄₁
 2001 OS₃₉ = 2000 KW₆₅
 2001 OL₄₀ = 1999 CF₃₇
 2001 OM₄₀ = 2000 KP₆₂
 2001 OS₄₀ = 1998 XS₅₈
 2001 OC₄₁ = 2000 GP₁₇₄
 2001 OD₄₁ = 2000 AQ₁₆₂
 2001 OH₄₁ = 1994 CK₁₈
 2001 OS₄₁ = 1997 UY₁₉
 2001 OE₄₂ = 2000 KB₁₆
 2001 OJ₄₂ = 1992 OG₄
 2001 OK₄₂ = 1999 FG₅₈
 2001 OQ₄₂ = 2000 LC₅
 2001 OC₄₃ = 1993 TX₂₁
 2001 OU₄₃ = 1999 CF₃₆
 2001 OR₄₄ = 1996 ER₁₃
 2001 OS₄₄ = 1996 LD₂
 2001 OC₄₅ = 1998 VQ₄₃
 2001 OE₄₅ = 1991 VG₁₃ = 1998 AH₈
 2001 OG₄₅ = 1999 CZ₁₁₂
 2001 OJ₄₅ = 1987 SX₂₆ = 1987 UH₂
 2001 OT₄₅ = 1997 WC₄₇ = 2000 LD₃₇
 2001 OJ₄₆ = 1993 PN₅
 2001 OM₄₆ = 1994 ND₁₂ = 1998 WN₁₃
 2001 OY₄₆ = 1997 NH₇
 2001 OC₄₇ = 1990 UH₁₄
 2001 OH₄₇ = 1999 AJ₂₈ = 2000 EM₁₃₄
 2001 OV₄₇ = 2000 KG₇₉
 2001 OY₄₇ = 2001 PK₁₃ = 1999 CQ₇₁
 2001 OQ₄₈ = 1999 BV₁₅
 2001 OX₄₈ = 2000 HV₆₁
 2001 ON₄₉ = 2000 GF₈
 2001 OO₄₉ = 1996 TN₄₀
 2001 OA₅₀ = 2000 CH₄₄
 2001 OH₅₀ = 1998 YD₁₈
 2001 OB₅₁ = 2001 NJ₂₂

2001 OH₅₁ = 2000 EL₂₅
 2001 OM₅₁ = 1997 GC₃₉
 2001 OT₅₁ = 2000 DO₉₇
 2001 OU₅₁ = 1998 RF₇₆
 2001 OF₅₂ = 1999 CJ₉₆ = 2000 JS₄₈
 2001 OH₅₂ = 1996 TL₄₈
 2001 OO₅₂ = 2000 GO₁₅₆
 2001 OU₅₂ = 2000 HA₁₀₂
 2001 OB₅₃ = 1999 CR₉₂
 2001 OG₅₃ = 1999 CF₁₂₃
 2001 OA₅₄ = 1999 GR₃₈
 2001 OD₅₄ = 2000 KQ₃₂
 2001 OM₅₄ = 1997 UC₁₀ = 1999 CZ₅₅
 2001 OV₅₄ = 1993 QY₄ = 1999 YZ₂₇
 2001 OE₅₅ = 2000 FS₇₃
 2001 OH₅₅ = 2000 HC₆₃
 2001 OV₅₆ = 1993 PU₈
 2001 OE₅₇ = 1998 DS₃₀
 2001 OP₅₇ = 1986 OH = 1992 EQ₂₉
 2001 OQ₅₇ = 1991 TY₇
 2001 OS₅₇ = 1994 CK₁₂
 2001 OH₅₈ = 2000 GM₁₈₀
 2001 OU₅₈ = 1999 CC₂₀
 2001 OY₅₈ = 2000 GV₁₆₈
 2001 OL₅₉ = 1998 SE₈₉
 2001 OM₅₉ = 1994 RG₁₁
 2001 OX₅₉ = 1993 SK₁₅ = 1999 AX₂₃
 2001 OA₆₀ = 1998 VW₄₁
 2001 OV₆₀ = 1996 HE₆
 2001 OC₆₁ = 2000 KX₁₆
 2001 OO₆₁ = 2000 GW₂₈
 2001 OQ₆₁ = 1998 VS₅₀
 2001 OQ₆₂ = 1991 TM₁₀ = 1999 CC₁₄₈ = 2000 GP₄₈
 2001 OT₆₂ = 2000 JZ₂₅
 2001 OV₆₂ = 1999 GZ₅₇
 2001 OA₆₃ = 2000 JW₅₂
 2001 OD₆₃ = 1989 VB₁
 2001 OG₆₃ = 2000 KV₂₄
 2001 OZ₆₃ = 1998 SQ₁₁₃ = 2000 AA₆₃
 2001 OE₆₄ = 2000 KJ₇₂
 2001 OF₆₄ = 1998 YG₂₆
 2001 OJ₆₄ = 1998 XQ₅₇
 2001 OE₆₅ = 1995 BV₅
 2001 OH₆₅ = 2000 LE₃₁
 2001 OO₆₅ = 1998 XH₆₅
 2001 OS₆₅ = 1990 SF₂₁
 2001 OP₆₆ = 1990 UU₁₀ = 2000 ED₁₇₀
 2001 OZ₆₆ = 2000 KO₂₇
 2001 OA₆₇ = 1997 WC₁₅
 2001 OC₆₇ = 2000 EN₁₈₅
 2001 OD₆₇ = 1997 WW₅₇ = 2000 NB₃
 2001 OT₆₇ = 2000 EN₈₀

2001 OC₆₈ = 1991 NM₂ = 2000 EV₁₄₄
 2001 OG₆₈ = 1999 CJ₉₅
 2001 OM₆₈ = 2000 EU₃₃
 2001 OW₆₈ = 1998 XP₉₆ = 2000 JN₇₉
 2001 OX₆₈ = 2000 JL₃₃
 2001 OZ₆₈ = 2000 GQ₉₂
 2001 OD₆₉ = 2000 EW₁₆₁
 2001 OF₆₉ = 2000 HL₈₀
 2001 OL₆₉ = 1998 VT₅₂
 2001 ON₆₉ = 1999 CV₁₄₂
 2001 OQ₆₉ = 2000 AZ₂₃₅ = 2000 CZ₁₁₂
 2001 OR₆₉ = 1995 PB₁
 2001 OS₆₉ = 1999 AV₂₈
 2001 OU₆₉ = 1997 UX₂₅ = 1999 AB₃₇
 2001 OX₆₉ = 2000 GA₃₃ = 2001 QA₃₃
 2001 OZ₆₉ = 2000 KG₅₀
 2001 OB₇₀ = 1994 TS₂
 2001 OC₇₀ = 1955 UQ = 1995 FA₁₂
 2001 OF₇₀ = 2000 EF₁₆₁
 2001 OG₇₀ = 1999 CH₁₃₆
 2001 ON₇₀ = 1996 FG₁₀ = 1997 TG₅
 2001 OP₇₀ = 1995 DG₃ = 1999 CP₂₄
 2001 OB₇₁ = 2000 GW₁₆₉
 2001 OO₇₁ = 1991 PA₂₀ = 1998 XQ₂₆
 2001 OP₇₁ = 1992 SE₂₃ = 1999 FE₂₅
 2001 OV₇₁ = 1995 BG₁₂
 2001 OD₇₂ = 1998 XS₂₄
 2001 OE₇₂ = 1998 XT₆₈
 2001 OF₇₂ = 1998 XM₂₄
 2001 OH₇₂ = 1987 SE₁₈ = 1998 XE₄₀
 2001 ON₇₂ = 1978 TB₆ = 1995 SX₂₈
 2001 OG₇₃ = 1994 CH₁₂
 2001 OH₇₃ = 1993 FF₆₈
 2001 OJ₇₃ = 2000 EV₁₅₆
 2001 OO₇₃ = 2000 ET₃₅
 2001 OF₇₄ = 1994 PZ₃₀
 2001 OH₇₄ = 2000 KK₁₂
 2001 OK₇₄ = 1990 SR₁₂
 2001 OL₇₄ = 1999 CN₉₇ = 2000 JL₅₀
 2001 OQ₇₄ = 1999 CM₇
 2001 OR₇₄ = 1996 JQ₂
 2001 OW₇₄ = 2000 AU₂₀₄
 2001 OH₇₅ = 2000 FD₇₃
 2001 OU₇₅ = 2000 JV₈₆
 2001 OX₇₅ = 2000 EJ₁₈₈
 2001 OZ₇₅ = 1999 BC₃₀
 2001 OD₇₆ = 1990 QL₁₅ = 1990 RV₁₂
 2001 OJ₇₆ = 2000 NF₂₄
 2001 ON₇₆ = 2000 HE₁₀₄
 2001 OU₇₆ = 1999 CP₁₂₅
 2001 OY₇₆ = 1997 YJ₄
 2001 OC₇₇ = 1991 ER₂ = 1997 TJ₁

2001 OG₇₇ = 1996 HL₄ = 1998 XK₇₆
 2001 OV₇₇ = 1010 T-3
 2001 OH₇₈ = 2000 JA₆₈
 2001 OO₇₈ = 1999 FS₂
 2001 OZ₇₈ = 2000 KL₃₅
 2001 OV₇₉ = 1993 SA₇
 2001 OY₇₉ = 1992 TJ
 2001 OZ₇₉ = 2000 GO₁₇₆
 2001 OQ₈₀ = 1996 NC₁
 2001 OS₈₀ = 2000 ML₄
 2001 OV₈₀ = 1998 XR₆₁
 2001 OW₈₀ = 2000 JW₅₁
 2001 OD₈₁ = 1985 PK
 2001 OE₈₁ = 2000 JB₅₀
 2001 OM₈₁ = 1993 RX₂
 2001 OO₈₁ = 1994 VV₆
 2001 OP₈₁ = 1993 FG₁₇ = 1997 LA₁₃
 2001 OV₈₁ = 1990 HO₆
 2001 OE₈₂ = 2000 EG₁₂₃
 2001 OM₈₃ = 1991 YP = 2000 KY₇₇
 2001 OP₈₃ = 1998 XV₉₈
 2001 OA₈₄ = 1997 HV₁₃
 2001 OG₈₅ = 1998 WF₂₉
 2001 OU₈₅ = 2000 GW₁₅₁
 2001 OX₈₅ = 2000 BZ₃₀
 2001 OO₈₆ = 2000 GS₁₁₄
 2001 OP₈₆ = 1993 FE₅₅ = 1997 LC₉
 2001 OT₈₆ = 1993 RD₈
 2001 OU₈₆ = 2000 GJ₁₇₀
 2001 OV₈₆ = 2000 GZ₁₆₆
 2001 OX₈₆ = 1990 QT₁₂ = 2000 KD₄₈
 2001 OC₈₇ = 1993 FV₁₉
 2001 OL₈₇ = 1999 CX₃₉
 2001 OM₈₇ = 2000 DX₁₆
 2001 OV₈₇ = 1982 JA₂
 2001 OD₈₈ = 2000 DS₁
 2001 OK₈₈ = 2000 KK₇₂
 2001 OP₈₈ = 1999 FF₃₃
 2001 OT₈₈ = 1998 XS₂₉ = 2000 CA₇₀
 2001 OV₈₈ = 1997 WK₄₄ = 2000 KX₅₉
 2001 OE₈₉ = 2000 JS₈₀
 2001 OS₈₉ = 2000 EY₅₅
 2001 OW₈₉ = 2000 HK₉₈
 2001 OZ₈₉ = 2000 KY₇₁
 2001 OM₉₀ = 1993 FB₆₇ = 2000 EQ₁₈₆
 2001 OR₉₀ = 1976 US₉ = 2000 GK₂₈
 2001 OT₉₀ = 2000 FS₃₉
 2001 OH₉₁ = 2000 KZ₆₃
 2001 OQ₉₁ = 2000 EN₁₅₈
 2001 OV₉₁ = 1995 FP₁₀
 2001 OW₉₁ = 1995 NL = 2000 FK₆₃
 2001 OD₉₂ = 2000 DQ₇₂

2001 OF₉₂ = 2000 JJ₈₇
 2001 OJ₉₂ = 1954 TF₁ = 1999 CU₃₉
 2001 OL₉₂ = 1996 HQ₂₆
 2001 OU₉₂ = 2000 EZ₁₁₆
 2001 OW₉₂ = 1993 QW₄
 2001 OY₉₂ = 1999 BR₃₁
 2001 OC₉₃ = 1996 TD₅₈ = 1998 BH₁₅
 2001 OA₉₄ = 1998 WR₁₃
 2001 OB₉₄ = 2000 HA₂₇
 2001 OG₉₄ = 1979 MS₉
 2001 OH₉₄ = 1993 WJ
 2001 OQ₉₄ = 1990 RM₁₄
 2001 OB₉₅ = 1979 UH₂ = 1986 XP₂ = 2000 LG₁₄
 2001 OF₉₅ = 1992 DD₁₂
 2001 OG₉₅ = 1986 RD₂ = 1999 DN₁
 2001 OO₉₅ = 1998 XG₄₂ = 2000 GT₁₄₄
 2001 OU₉₅ = 1998 XP₆₁
 2001 OV₉₅ = 2000 EG₁₄₆
 2001 OZ₉₅ = 2000 HC₉₁
 2001 OC₉₆ = 1999 AM₃₇
 2001 OD₉₆ = 1987 QO₂
 2001 OL₉₆ = 1999 FX₄₄
 2001 OO₉₆ = 1999 CM₆₉
 2001 OQ₉₆ = 1999 CP₇₃
 2001 OV₉₆ = 1998 MQ₁₃
 2001 OY₉₆ = 1999 CG₅₈ = 2000 KV₇
 2001 OA₉₇ = 1997 WZ₅₀
 2001 OC₉₇ = 3262 T-3 = 1993 QQ₇
 2001 OO₉₇ = 1978 NT₆
 2001 OT₉₇ = 1997 RN₈
 2001 OW₉₇ = 1993 FJ₃₅ = 2000 EG₈₉
 2001 OE₉₈ = 1979 OF₁₀ = 1998 DE₄ = 1999 JH₁₂₄
 2001 OK₉₈ = 1997 RU₂
 2001 OM₉₈ = 1998 XR₇₉
 2001 OO₉₈ = 1996 XM₂₇
 2001 OT₉₈ = 1990 EP₉ = 1998 XT₂₇
 2001 OG₉₉ = 2000 CA₁₃₀
 2001 OR₉₉ = 2001 ML₂₉ = 1998 XG₂₃
 2001 OS₉₉ = 1990 QA₁₀ = 1990 RP₁₂
 2001 OX₉₉ = 1998 XD₆
 2001 OZ₉₉ = 2000 JR₈₆
 2001 OB₁₀₀ = 1994 VZ₁
 2001 OD₁₀₀ = 1980 RU₇
 2001 OE₁₀₀ = 2000 GJ₁₃
 2001 OF₁₀₀ = 2001 OZ₆₀ = 1996 TK₈
 2001 OQ₁₀₀ = 1993 FZ₃₂ = 1998 XK₂₂
 2001 OR₁₀₀ = 2000 EV₁₉₄
 2001 OU₁₀₀ = 1998 UK₂₇
 2001 OE₁₀₁ = 2000 DG₁₁₆
 2001 OJ₁₀₁ = 1999 GF₁₇
 2001 OM₁₀₁ = 1999 CF₁₂₇ = 2000 KA₇₆
 2001 OS₁₀₁ = 2000 HK₆₉

2001 OT₁₀₁ = 2000 DS₈₁
 2001 ON₁₀₂ = 2000 EB₁₉₈
 2001 OW₁₀₂ = 1988 RA₈ = 1999 CO₆₄
 2001 OC₁₀₃ = 1988 CK₅
 2001 OM₁₀₃ = 2000 JS₃
 2001 ON₁₀₃ = 1979 QH₄ = 1990 SH₁₅ = 1998 FG₁₉
 2001 OU₁₀₃ = 1995 CQ₁
 2001 OM₁₀₄ = 1979 SE₁₄ = 1999 FY₅₈
 2001 OD₁₀₅ = 1989 XQ₃ = 1999 CW₄₇ = 2000 LS₃
 2001 OH₁₀₅ = 1982 BC₁₀ = 1992 OB₈
 2001 ON₁₀₅ = 2000 CA₄₈
 2001 OQ₁₀₅ = 1980 RB₇ = 1999 CV₇₆
 2001 OC₁₀₆ = 1999 EX₇
 2001 OM₁₀₆ = 1994 NV
 2001 ON₁₀₆ = 1999 CQ₁₅₁
 2001 OY₁₀₆ = 1999 BV₁₁
 2001 OZ₁₀₆ = 1995 EB₄
 2001 OE₁₀₇ = 1996 FY₄ = 1998 XG₄₆
 2001 OP₁₀₇ = 1999 CQ₃₄
 2001 OQ₁₀₇ = 2000 GZ₁₆₀
 2001 OR₁₀₇ = 2000 JU₃₂
 2001 OT₁₀₇ = 1999 DQ₅
 2001 OW₁₀₇ = 1997 YW₈ = 2000 KG₇₈
 2001 OZ₁₀₇ = 1998 DT₂₉
 2001 PD = 1991 RM₃₃ = 1999 FW₄₉ = 2000 JC₅₀
 2001 PF = 1999 FP₅₁
 2001 PG = 1999 CF₁₁₇
 2001 PO = 2000 JK₆₁
 2001 PP = 2000 FE₅₅
 2001 PV = 1996 BT₁₄
 2001 PW = 2000 JH₂₀
 2001 PB₁ = 1977 AC = 1991 RM₁₄
 2001 PT₁ = 1998 VF₄₃
 2001 PV₁ = 1998 UW₃₅
 2001 PX₁ = 1998 XM₂₂
 2001 PF₂ = 1998 XB₇₃ = 2000 JE₈₂
 2001 PG₂ = 1979 OJ₁ = 1999 EZ₁₁ = 2000 KJ₇₈
 2001 PJ₂ = 2000 HQ₇₁
 2001 PO₂ = 1998 XX₇₉
 2001 PP₂ = 2000 GG₁₀₃
 2001 PR₂ = 1998 GV₁₂ = 1999 GW₂
 2001 PY₂ = 1976 YE₇ = 1977 AQ₂ = 2000 JW₄₆
 2001 PC₃ = 2000 JN₇₀
 2001 PJ₃ = 3320 T-2 = 1998 XA₇₆ = 2000 EH₁₃₀
 2001 PM₃ = 1998 FY₁₂ = 1999 JC₉₂
 2001 PC₄ = 1994 AM₁₆
 2001 PW₄ = 1994 RW₂₂
 2001 PD₅ = 1999 CY₄₀
 2001 PE₅ = 2000 KX₇₇
 2001 PF₅ = 1996 JA₃
 2001 PE₆ = 1999 FF₄₃
 2001 PF₆ = 2000 JO₈₁

2001 PG₆ = 2000 CM₁₂₄
 2001 PH₆ = 1979 SY₁₄ = 1990 SJ₃₀ = 2000 KF₁₇
 2001 PL₆ = 1998 WG₄₃ = 1999 CW₁₉
 2001 PQ₆ = 2000 GW₁₄₅
 2001 PT₆ = 1997 WN₅₂ = 2000 KO₄₅
 2001 PU₆ = 1990 TY₆
 2001 PX₆ = 1999 CH₁₅₆
 2001 PZ₆ = 1999 CK₇₀
 2001 PB₇ = 1998 YW₂₆
 2001 PD₇ = 1987 QA₁₃ = 1987 RQ₄ = 1995 FJ₁₆ = 2000 JQ₇₁
 2001 PE₇ = 1998 XD₃₉
 2001 PG₇ = 2000 EL₁₉₆
 2001 PO₇ = 1990 BF₄ = 1999 AG₂₇
 2001 PQ₇ = 2000 KL₆₇
 2001 PT₇ = 1998 SR₁₁₂
 2001 PA₈ = 1997 GB₂₉
 2001 PF₈ = 1998 UR₄₇
 2001 PG₈ = 1994 HM₁ = 1996 TN₄₂
 2001 PK₈ = 2000 EH₇₆
 2001 PM₈ = 2000 CP₈₀
 2001 PS₈ = 1992 CK₆ = 1999 JJ₉
 2001 PX₈ = 2000 JA₈₆
 2001 PD₉ = 1996 XV₃₃ = 1998 DY₃₂
 2001 PF₉ = 1995 DV₁₃ = 1999 BK₂₅ = 2000 GM₈₂
 2001 PN₉ = 1999 CD₈₁
 2001 PZ₉ = 2000 DN₁₁₇
 2001 PA₁₀ = 1994 NJ₈ = 2000 CF₁₂₂
 2001 PC₁₀ = 2000 CY₁₃₀
 2001 PM₁₀ = 2000 DN₂₇
 2001 PX₁₀ = 1996 LX₄ = 2000 FO₅₇
 2001 PZ₁₀ = 4738 P-L
 2001 PG₁₁ = 2000 GP₁₃₀
 2001 PQ₁₁ = 2000 CJ₁₀
 2001 PU₁₁ = 2000 GC₁₃₉
 2001 PC₁₂ = 2000 FX₅₈
 2001 PQ₁₂ = 2000 JX₂₃
 2001 PS₁₂ = 1996 NP₁
 2001 PW₁₂ = 2000 HV₁₅
 2001 PX₁₂ = 1994 RL₂₅
 2001 PG₁₃ = 1990 DG₆ = 1999 GO₅₇
 2001 PL₁₃ = 1999 FL₅₈
 2001 PP₁₃ = 1996 AC₁₈
 2001 PT₁₃ = 1995 MM₆ = 1999 NE₂
 2001 PA₁₄ = 2000 EO₅₅
 2001 PE₁₄ = 2001 MJ₁₃ = 1989 SK₁₁
 2001 PL₁₄ = 1992 EC₂ = 1999 AE₃₇
 2001 PQ₁₄ = 2000 DD₁₁₃
 2001 PS₁₄ = 2000 GC₁₃₀
 2001 PF₁₅ = 2000 GM₁₆₅
 2001 PY₁₅ = 2000 GY₄₀
 2001 PM₁₆ = 2000 EF₁₈₀
 2001 PF₁₈ = 1996 TP₅₉

2001 PO₁₉ = 2000 HG₇₃
 2001 PG₂₀ = 1999 CR₇₇
 2001 PP₂₀ = 2000 EZ₃₄
 2001 PQ₂₀ = 1998 TY₁₀
 2001 PG₂₁ = 2000 HT₈₂
 2001 PJ₂₁ = 1997 UO₁₁
 2001 PQ₂₁ = 1994 CS₁₉
 2001 PV₂₁ = 1994 PU₃₄ = 1998 UQ₁₄
 2001 PH₂₂ = 1993 FO₇₈
 2001 PR₂₂ = 1999 AJ₁₁
 2001 PE₂₃ = 1977 AX₂ = 1988 BP₁
 2001 PV₂₃ = 2000 EL₁₂₃
 2001 PN₂₄ = 1999 FV₂₂
 2001 PW₂₄ = 1999 CG₉₁
 2001 PE₂₅ = 2000 EJ₃
 2001 PF₂₅ = 1993 TJ₉
 2001 PV₂₅ = 2000 JD₅₀
 2001 PC₂₆ = 2000 HE₄₅
 2001 PO₂₆ = 2000 JE₈₃
 2001 PU₂₆ = 1999 CW₉₃
 2001 PY₂₆ = 2000 GC₁₅₁
 2001 PZ₂₆ = 1999 GE₅₅
 2001 PD₂₇ = 2000 DM₁₂
 2001 PP₂₇ = 1999 FK₅₉
 2001 PH₂₈ = 1999 FA₅₂
 2001 PR₂₈ = 1999 FR₁₀ = 2000 KB₈₃
 2001 PC₂₉ = 1999 CG₁₁₁
 2001 PE₃₁ = 2000 HY₉₃
 2001 PG₃₁ = 1998 YZ₅
 2001 PW₃₁ = 1997 WV₄₉
 2001 PY₃₁ = 1999 CL₁₂₁
 2001 PC₃₃ = 1993 TD₂₂ = 1999 CL₄₀ = 2000 JQ₄₆
 2001 PG₃₃ = 2000 GC₁₆₉
 2001 PF₃₄ = 1999 CJ₁₁₅
 2001 PG₃₄ = 1999 GM₅₁
 2001 PL₃₄ = 1999 FQ₅₄
 2001 PA₃₅ = 1997 XA₆
 2001 PC₃₅ = 1988 HP = 1995 OY₁₇ = 1999 CE₁₁₈
 2001 PK₃₅ = 1999 BH₁₆
 2001 PQ₃₆ = 2000 HC₈₄
 2001 PS₃₆ = 2000 JH₈₅
 2001 PL₃₇ = 2000 JT₄₇
 2001 PQ₃₉ = 1999 CE₅₀
 2001 PX₃₉ = 2000 JE₇₈
 2001 PZ₄₀ = 1995 KT₄ = 1997 WU₃₄
 2001 PD₄₁ = 1979 RJ₁ = 1990 SW₁₄ = 2000 MU₃
 2001 PK₄₁ = 2000 FH₅₆
 2001 PP₄₁ = 1998 VL₄₉
 2001 PA₄₂ = 2000 JS₇₈
 2001 PB₄₂ = 2000 EQ₁₉₈
 2001 PU₄₂ = 1998 AY₁₀
 2001 PH₄₃ = 1994 RQ₉

2001 PO₄₃ = 1991 RW₁₆
 2001 PQ₄₃ = 2000 JZ₂₇
 2001 PZ₄₃ = 2000 JA₈
 2001 PC₄₄ = 2000 CB₇₉
 2001 PR₄₄ = 2000 EA₃₃
 2001 PU₄₄ = 2000 KF₇₇
 2001 PK₄₅ = 1999 CF₁₃₅
 2001 PA₄₇ = 1997 WP₄₃ = 1999 GG₃₇
 2001 PD₄₇ = 1998 EC₁₇
 2001 PU₄₇ = 1999 GC₄₂
 2001 PW₄₇ = 1998 BL₄₀ = 1999 GM₄₃
 2001 PB₄₈ = 1999 CJ₁₅
 2001 PB₄₉ = 1999 BH₂₆
 2001 PJ₄₉ = 1999 CE₁₂₇ = 2000 KS₇₈
 2001 PU₄₉ = 2000 JO₇₉
 2001 QD = 1994 PA₆
 2001 QG = 2000 FG₉
 2001 QU = 2000 HD₆₂
 2001 QY = 2000 GK₁₅
 2001 QA₁ = 1990 TZ₄
 2001 QC₁ = 2000 GP₁₇₁
 2001 QP₁ = 2000 KV₇₇
 2001 QS₁ = 1998 SP₈₆ = 2000 GO₁₁₁
 2001 QD₂ = 1993 FU₈ = 2000 KA₇₄
 2001 QF₂ = 1980 TD₅ = 2000 JY₄₈
 2001 QZ₂ = 1999 AH₃₅
 2001 QC₃ = 2000 EA₁₇₆
 2001 QO₃ = 1999 AA₂₈
 2001 QR₄ = 2000 KK₁₀
 2001 QG₅ = 2000 EO₁₉₂
 2001 QD₆ = 1996 AR₁₆
 2001 QL₆ = 1999 CR₁₂₉
 2001 QM₆ = 1999 GD₁₂ = 2000 KM₂₆
 2001 QE₇ = 2000 DM₉₀
 2001 QQ₇ = 1979 OL₁₀ = 1997 VZ₃ = 2000 KL₇₈
 2001 QA₈ = 2000 LQ₃₃
 2001 QC₈ = 2000 DD₅₄
 2001 QD₈ = 2000 KP₁₇
 2001 QW₈ = 2000 HM₆₄
 2001 QA₉ = 2000 GH₃₉
 2001 QZ₉ = 2000 GM₁₃₁
 2001 QG₁₀ = 1975 TB₄ = 1977 ER₈ = 1999 FQ₂₀
 2001 QM₁₀ = 1978 WR₂₀
 2001 QN₁₀ = 1997 EC₃₀
 2001 QO₁₀ = 1976 SW₉ = 1994 JV₆ = 1998 BG₄₈
 2001 QR₁₀ = 1998 UU₂₃
 2001 QY₁₀ = 2000 GB₄₅
 2001 QF₁₁ = 1997 SN₁₇
 2001 QL₁₁ = 1996 HM₇ = 1999 AB₂₉
 2001 QQ₁₁ = 1999 BW₂₉
 2001 QT₁₁ = 1993 SL₇
 2001 QW₁₁ = 1998 XN₉₅ = 2000 HK₄₄

2001 QF₁₂ = 1998 XD₇₄ = 2000 JD₄₉
 2001 QK₁₂ = 1999 BO₃₂
 2001 QP₁₂ = 1998 UY₃₄ = 2000 GX₁₃₁
 2001 QB₁₃ = 1998 WU₃₄
 2001 QF₁₃ = 1996 KR₄
 2001 QT₁₃ = 2000 DJ₄₃
 2001 QE₁₄ = 1985 YK₂ = 1993 FN₇₄ = 1998 AJ₅
 2001 QF₁₄ = 1998 XX₆₅
 2001 QH₁₄ = 1999 CH₁₁₄
 2001 QT₁₄ = 1995 BF₈
 2001 QC₁₅ = 6672 P-L
 2001 QF₁₅ = 1998 VD₄₂
 2001 QH₁₅ = 2000 HK₆₃
 2001 QJ₁₅ = 1999 CO₃₉
 2001 QM₁₅ = 1998 XR₅₅
 2001 QQ₁₅ = 1999 CM₃₆
 2001 QQ₁₆ = 1996 BB₆
 2001 QZ₁₆ = 1994 AH₁₂ = 1996 NJ₁ = 2000 LW₃₅
 2001 QA₁₇ = 1999 CX₂₆
 2001 QB₁₇ = 1998 XK₂₁ = 2000 HZ₆₂
 2001 QO₁₇ = 1999 CF₃₉
 2001 QS₁₇ = 2000 CF₅₇
 2001 QV₁₇ = 1997 YU₄
 2001 QD₁₈ = 1993 PH₅ = 2000 KY₇₉
 2001 QW₁₈ = 1993 FM₇₉ = 1995 OO₄
 2001 QJ₁₉ = 1989 YY₂ = 2000 JF₁₃
 2001 QO₁₉ = 1998 YY₁₈ = 2000 EA₁₁₅
 2001 QT₁₉ = 1999 CW₁₇
 2001 QU₁₉ = 2000 EW₁₇₃
 2001 QZ₂₁ = 1998 WJ₃₂
 2001 QD₂₂ = 1999 GQ₄₈
 2001 QE₂₂ = 1988 SN₂
 2001 QK₂₂ = 1999 GV₄₃
 2001 QU₂₂ = 2000 ET₆₆
 2001 QY₂₂ = 2000 HQ₁₆
 2001 QZ₂₂ = 1997 WF₄₁ = 2000 KO₆₄
 2001 QC₂₃ = 2000 KB₇
 2001 QJ₂₃ = 2000 JD₄₈
 2001 QM₂₃ = 1999 CO₁₀₀
 2001 QU₂₃ = 2000 GJ₁₄₈
 2001 QV₂₄ = 1998 VP₅₀ = 2000 EM₈₁
 2001 QD₂₅ = 1999 JP₁₀₇
 2001 QE₂₅ = 2000 ET₁₂₃
 2001 QH₂₅ = 1998 VQ₂₄
 2001 QJ₂₅ = 1993 TB₄₄ = 1999 CV₃₇
 2001 QY₂₅ = 2000 HZ₈₄
 2001 QU₂₆ = 1998 DG₅
 2001 QC₂₇ = 1999 JC₂
 2001 QY₂₇ = 2000 JV₈₀
 2001 QH₂₈ = 2000 GK₁₈
 2001 QS₂₈ = 2000 LP₁₅
 2001 QD₃₀ = 1972 TO₂ = 1990 YB₁ = 1998 EL₁₃ = 1999 JW₁₂₄

2001 QG₃₀ = 1999 JP₁₀₅
 2001 QC₃₁ = 1999 GY₁₈
 2001 QM₃₁ = 1997 WB₄₂
 2001 QQ₃₁ = 1992 OT₈ = 2000 NX₁₁
 2001 QE₃₂ = 1998 XJ₅₀
 2001 QG₃₂ = 2000 JX₄₈
 2001 QJ₃₃ = 2000 JM₁₈
 2001 QM₃₃ = 1999 CP₆₄
 2001 QG₃₄ = 2000 DA₅₅
 2001 QQ₃₅ = 2000 GK₆₂
 2001 QS₃₅ = 1997 KC₃
 2001 QF₃₇ = 2000 KK₉
 2001 QJ₃₇ = 1994 RT₂₆
 2001 QL₃₇ = 1992 SZ₂₅
 2001 QV₃₈ = 2001 PL₁ = 1978 NN₆ = 1990 UH₉ = 2000 GQ₁₃₉
 2001 QT₄₁ = 2000 CG₁₄₆ = 2000 DL₁₀₈
 2001 QY₄₁ = 1993 VE₇
 2001 QE₄₃ = 1999 CE₁₉
 2001 QJ₄₅ = 1997 NM₁₁
 2001 QN₄₅ = 2000 KQ₁₇
 2001 QE₄₆ = 1999 FS₄₁
 2001 QH₄₇ = 1999 CL₁₄₇
 2001 QS₄₇ = 1998 YZ₂₅
 2001 QT₄₈ = 2000 JO₆₃
 2001 QH₄₉ = 2000 FN₆₃
 2001 QN₄₉ = 1999 GD₁₀
 2001 QA₅₀ = 2000 KE₁₀
 2001 QQ₅₀ = 2000 EK₁₃₀
 2001 QF₅₁ = 1998 SP₁₄₆ = 2000 CW₁₂₃
 2001 QS₅₁ = 1999 GQ₁₁
 2001 QT₅₁ = 2000 KA₈₁
 2001 QV₅₁ = 2001 PX₂₂ = 2000 DJ₈₁
 2001 QL₅₂ = 1999 CS₁₅₆
 2001 QK₅₃ = 2000 DX₁₂
 2001 QR₅₃ = 1998 SB₇₃ = 2000 HO
 2001 QU₅₄ = 1995 UE₄₈
 2001 QV₅₄ = 1996 VN₂₁
 2001 QF₅₅ = 1995 EN₉
 2001 QO₅₅ = 2000 KV₆₀
 2001 QX₅₅ = 1994 YV₂ = 1999 CR₉₈
 2001 QC₅₆ = 1997 RU₄
 2001 QR₅₆ = 1999 CU₉₃
 2001 QO₅₇ = 2000 EO₃₃
 2001 QA₅₈ = 2000 KS₁₇
 2001 QW₅₈ = 2000 GC₁₄₈
 2001 QP₅₉ = 2000 HU₂₄
 2001 QM₆₁ = 1998 XW₆₄
 2001 QN₆₁ = 1994 PT₃₆
 2001 QO₆₁ = 1996 TH₅₈
 2001 QY₆₁ = 2000 GA₁₁₇
 2001 QQ₆₄ = 1999 FD₅₈ = 2000 KN₃₂
 2001 QA₆₅ = 1998 XD₅₆ = 2000 FG₃₆

2001 QD₆₅ = 1998 YS₁₆
 2001 QJ₆₅ = 1997 WV₂₉
 2001 QN₆₅ = 1999 CQ₆₁
 2001 QQ₆₅ = 1995 YM₂₄
 2001 QJ₆₆ = 1998 YW₂₅
 2001 QA₆₈ = 1999 VX₁₈₀
 2001 QP₆₉ = 1976 UD₁₂ = 1980 RY₅ = 1997 VS₄ = 2000 FT₇₁
 2001 QV₆₉ = 2000 JM₅₃
 2001 QZ₆₉ = 1997 HL₆
 2001 QH₇₀ = 2000 HK₆₈
 2001 QN₇₀ = 2000 KS₇₆
 2001 QQ₇₀ = 1996 PA₆ = 1999 FH₂₆
 2001 QD₇₁ = 1990 RL₄ = 2000 DE₆₂
 2001 QF₇₁ = 1981 BS = 1984 UE₅
 2001 QO₇₃ = 1991 PS₂₁
 2001 QK₇₈ = 2000 KF₂₅
 2001 QV₇₈ = 1999 CY₂₄
 2001 QC₈₁ = 2000 JX₈₁
 2001 QT₈₂ = 1999 FE₃₈
 2001 QX₈₃ = 1998 FL₁₄₁
 2001 QY₈₄ = 1995 OH₁₄
 2001 QB₈₆ = 2000 AD₂₀₁
 2001 QF₈₉ = 2000 FX₁₀
 2001 QT₉₀ = 1999 YC₁
 2001 QO₉₁ = 1996 TO₅₇ = 2000 QK₁₅₄
 2001 QG₉₄ = 1998 HB₈
 2001 QQ₉₆ = 1997 WR₁₆
 2001 QU₁₀₁ = 2000 KM₁₉
 2001 QO₁₀₃ = 1977 DE₈ = 1997 TA₄
 2001 QD₁₀₄ = 2000 KH₂₇
 2001 QF₁₀₄ = 1993 TG₁ = 1999 EE₂
 2001 QJ₁₁₀ = 1998 XO₆₉
 2001 QS₁₁₀ = 2000 HY₁₀₄
 2001 QV₁₁₀ = 1996 TN₆₆ = 2000 KW₂₇
 2001 QA₁₁₇ = 1995 DK₁₂ = 1999 CT₁₇
 2001 QD₁₂₀ = 2000 HR₄₅
 2001 QQ₁₃₀ = 2000 KQ₃₈
 2086 P-L = 1985 UG₁ = 2001 OP₈₅
 2120 P-L = 2001 QZ₁₂₆
 2511 P-L = 2001 QJ₇₆
 2516 P-L = 2001 QS₂₆
 2623 P-L = 2001 PL₈
 2638 P-L = 2001 QV₂₇
 2836 P-L = 1995 UC₅₉
 3023 P-L = 1999 CN₁₁₃ = 2001 OV₄₂
 3111 P-L = 2001 QA₁₃₄
 4107 P-L = 1995 QX₁₃
 4140 P-L = 2001 QR₂₉
 4232 P-L = 2000 DE₁₁₃ = 2001 MK₂₉
 6072 P-L = 2001 QF₇₈
 6117 P-L = 2001 QD₆₃
 6753 P-L = 1994 GU₁

9063 P-L = 2001 QN₂₉
 9581 P-L = 1997 SC₁₈ = 2001 PL₁₀
 9590 P-L = 2001 QT₇₆
 1033 T-2 = 2001 QB₁₃₀
 1047 T-2 = 1995 SO₂₁
 1156 T-2 = 1999 CB₆₉ = 2001 OM₇
 2309 T-2 = 2001 QT₂₅
 4199 T-2 = 2001 QM₁₄₉
 4292 T-2 = 1995 SX₆₂
 4633 T-2 = 1998 WP₄₃
 5062 T-2 = 2001 OR₆
 1048 T-3 = 2001 MB₂₄
 1153 T-3 = 2001 MG₂₇
 1167 T-3 = 2001 QX₁₀
 2032 T-3 = 2001 QW₆₈
 2033 T-3 = 2001 PJ₄₇
 3117 T-3 = 2001 FY₁₈₇
 3174 T-3 = 2001 NG₃
 3365 T-3 = 1989 SD₇ = 2001 QB₇₂
 4164 T-3 = 2001 QE₆₅
 4342 T-3 = 2001 QJ₄
 4378 T-3 = 1995 UX₇₄
 5027 T-3 = 2000 EU₁₄₀ = 2001 OY₆₉
 5077 T-3 = 2000 CS₄₃

NEW NAMES OF MINOR PLANETS

(4987) Flamsteed = 1980 FH₁₂

Discovered 1980 Mar. 20 at the Perth Observatory, Bickley.

John Flamsteed (1646–1719), the first Astronomer Royal, is renowned for his systematic telescopic positional observations of the sun, moon, planets and stars, culminating in *Historia Coelestis Britannica* (1725), containing his catalogue of 3000 stars, and *Atlas Coelestis* (1729), celestial charts completed by his widow.

(5542) Moffatt = 1978 PT₄

Discovered 1978 Aug. 6 at the Perth Observatory, Bickley.

Ethelwin Frances Flamsteed Moffatt (née Winzar, b. 1926) is a direct descendant of John Flamsteed, the first Astronomer Royal. Born in Fremantle, Western Australia, she now resides in Adelaide, where she and her husband, Mervyn Moffatt, are kind benefactors of the Perth Observatory.

(5711) Eneev = 1978 SO₄

Discovered 1978 Sept. 27 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Timur Magometovich Eneev (b. 1924), applied mathematician and celestial mechanic at the Keldysh Institute of Applied Mathematics, made valuable contributions to Soviet cosmonautics and is also known for his works in the areas of cosmogony and ecology.

(6308) Ebisuzaki = 1990 BK

Discovered 1990 Jan. 17 by Y. Kushida and O. Muramatsu at the Yatsugatake South Base Observatory.

Japanese astronomer Toshikazu Ebisuzaki (b. 1958) has greatly contributed to the development of the super-highspeed specialized computer GRAPE (Gravity

Pipe). Since 1999 he has been director of the advanced computing center of RIKEN, the Institute of Physical and Chemical Research.

(7727) Chepurova = 1975 EA₃

Discovered 1975 Mar. 8 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Valentina Mikhajlovna Chepurova, a celestial mechanic at the Sternberg Astronomical Institute in Moscow, is known for her research on the dynamics of the small bodies of the solar system by analytical and qualitative methods. As chair of celestial mechanics, she is also much involved with the education of students.

(7758) PoulAnderson = 1990 KT

Discovered 1990 May 21 by E. F. Helin at Palomar.

Poul Anderson (b.1926) has trained three generations of scientists, engineers and others to appreciate humor, adventure, epic tragedy and the vast scale of the universe. Admired for his mentoring and personal warmth, he has won shelves of literary awards. The name was suggested by D. Brin.

(8141) Nikolaev = 1982 SO₄

Discovered 1982 Sept. 20 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Nikolaev is a city and large industrial and cultural center in southern Ukraine. The Nikolaev Astronomical Observatory was established there in 1821.

(8425) Ziranxuejijin = 1997 CJ₂₉

Discovered 1997 Feb. 14 by the Beijing Schmidt CCD Asteroid Program at Xinglong.

The concatenation *Zi Ran, Ke Xue, Ji Jin*, or “Nature”, “Science”, “Fund”, is derived from *Guo Jia Zi Ran Ke Xue Ji Jin Wei Yuan Hui*, “The National Science Foundation of China”, which is celebrating its fifteenth anniversary. The Foundation provides support for the Xinglong program.

(8444) Popovich = 1969 TR₁

Discovered 1969 Oct. 8 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Pavel Romanovich Popovich (b.1930), a Soviet cosmonaut and specialist in space engineering, participated in the flights of Vostok 4, Soyuz 14 and Salyut 3. He was the first person admitted to the cosmonaut detachment in 1960 and one of the first six candidates selected for training for the first space flights.

(8983) Rayakazakova = 1977 ED₁

Discovered 1977 Mar. 13 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Raisa Konstantinovna Kazakova is a celestial mechanic at the Keldysh Institute of Applied Mathematics. She participated in work on the theory and calculation of the orbits of artificial satellites and the trajectories of spacecraft to the moon and planets.

(9717) Lyudvasilia = 1976 SR₅

Discovered 1976 Sept. 24 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Lyudmila Vasil'evna Shaposhnikova (b.1926), orientalist and writer, investigates the creative works of Nicholas Roerich and has published books and papers on the culture of India and philosophical problems of the Roerich legacy. She is the founder and director of the Roerich International Center and Museum in Moscow.

(9963) Sandage = 1992 AN

Discovered 1992 Jan. 9 by E. F. Helin at Palomar.

Allan Sandage (b.1926), a distinguished American astronomer of Palomar and Mt. Wilson fame, is an international authority in stellar astronomy and observational cosmology. The name was suggested by S. Kientz and endorsed by the discoverer, who first met Sandage at Palomar in the early 1970s.

(10010) Rudruna = 1978 PW₃

Discovered 1978 Aug. 9 by N. S. Chernykh and L. I. Chernykh at the Crimean Astrophysical Observatory.

RUDruNa, or Rossijskij Universitet Druzhy Narodov, is the Russian University of Friendship of Nations. It was founded in Moscow in 1960 to help developing countries in the training of educated specialists.

(10023) Vladifedorov = 1979 WX₃

Discovered 1979 Nov. 17 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Vladimir Dmitrievich Fedorov (b.1933), an outstanding Russian surgeon, scientist and professor, is a member of the Russian Academy of Medical Sciences and director of the Institute of Surgery in Moscow. He is well known for research to perfect surgery of the digestive organs.

(10054) Solomin = 1987 SQ₁₇

Discovered 1987 Sept. 17 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Yurij Mefodieovich Solomin (b.1935), People's artist of the U.S.S.R, is a Russian actor who is especially popular for his parts in several Soviet films. He is the Artistic Director at the State Academic Maly Theatre at Moscow and professor at the Shchepkin Higher Drama School.

(10263) Vadimsimona = 1976 SE₅

Discovered 1976 Sept. 24 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Russian physicist Vadim Aleksandrovich Simonenko is deputy director of the Russian Scientific Research Institute of Technical Physics at Snezhinsk. He is known for his work on the hazards of near-earth objects and the protection of the earth.

(10286) Shnollia = 1982 SM₆

Discovered 1982 Sept. 16 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Simon Elievich Shnoll (b.1930) is a biophysicist and biochemist at Moscow University and at the Institute of Biophysics of the Russian Academy of Sciences. He is the author of books about the fates of outstanding Soviet biologists.

(10670) Seminozhenko = 1977 PP₁

Discovered 1977 Aug. 14 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Ukrainian physicist Vladimir Petrovich Seminozhenko (b.1950) is known for his research on the kinetics of excitation in superconductors and semiconductors and on high-temperature superconductivity.

(10671) Mazurova = 1977 RR₆

Discovered 1977 Sept. 11 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Ekaterina Yakovlevna Mazurova (1900–1995) was a Russian actress who worked in Moscow theaters and played many roles in films. In her youth and at the beginning

of her artistic career she was connected with the town of Shuya, and she gave to the museum in Shuya her collection of more than 1000 pieces of Russian and foreign art.

(10834) Zembsch-Schreve = 1993 VU₅

Discovered 1993 Nov. 8 by Spacewatch at Kitt Peak.

Guido Zembsch-Schreve (b. 1916) parachuted as an allied agent into occupied France in 1943. He was betrayed in 1944 and eventually sent to Dora, where the V-2 rockets were manufactured. He escaped and wrote *Pierre Lalande: Special Agent*.

(10861) Ciske = 1995 MG₁

Discovered 1995 June 22 by Spacewatch at Kitt Peak.

Ciske Staring was a courier in Amsterdam for the Resistance during World War II. This naming is to honor especially the women of the Resistance who executed dangerous tasks and kept up the human spirit in spite of gruesome conditions.

(11016) Borisov = 1982 SG₁₂

Discovered 1982 Sept. 16 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Vladimir Aleksandrovich Borisov (1809–1862), regional ethnographer in the town of Shuya and a member of Russian Geography Society, was the author of a book about Shuya and its environs. He had a vast collection of ancient handwritten rolls and books, old printed books and coins that are now at various museums.

(11021) Foderà = 1986 AT₂

Discovered 1986 Jan. 12 by E. Bowell at the Anderson Mesa Station of the Lowell Observatory.

Giorgia Foderà (b. 1942) teaches history of astronomy at Palermo University. Curator of the Palermo Observatory museum, she published the inventory of its instruments, which include the vertical circle used by Piazzi. She was the principal organizer of the Palermo Observatory's celebration of Ceres' bicentennial.

(11022) Serio = 1986 EJ₁

Discovered 1986 Mar. 5 by E. Bowell at the Anderson Mesa Station of the Lowell Observatory.

Salvatore Serio (b. 1941) teaches astronomy at Palermo University, specializing in x-ray observations and modeling of solar and stellar coronae. As director of the Palermo Observatory and president of the Italian Astronomical Society, he served as a gracious and generous host for the celebrations of Ceres' bicentennial.

(11103) Miekrouppe = 1995 SX₁₉

Discovered 1995 Sept. 18 by Spacewatch at Kitt Peak.

Mieke Rouppe was concerned with issues of freedom and human rights, and he was willing to be a courier and participant in the Dutch Resistance in The Hague during World War II.

(11184) Postma = 1998 HJ₉

Discovered 1998 Apr. 18 by Spacewatch at Kitt Peak.

Sep Postma (1921–1944) was concerned with human rights. He escaped occupied Holland via Spain and was trained in England as an agent for the Special Operations Executive. He parachuted into Holland to organize the Resistance. When caught, he faced the harshest of interrogations.

(11258) Aoyama = 1978 VP₁

Discovered 1978 Nov. 1 by K. Tomita at Caussols.

Aoyama Gakuin, a Christian educational institute founded in 1874, is the discoverer's Alma Mater. He was to know the joy of astronomy in his high-school days

under the guidance of excellent teachers and became a professional astronomer. The citation was prepared by M. Hara.

(11264) Claudimaccone = 1979 UC₄

Discovered 1979 Oct. 16 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Claudio Maccone (b. 1948), an Italian scientific researcher and technical expert at the Alenia Spazio in Turin, has participated in the design of some scientific space missions and submitted a proposal for a space mission to exploit the radio magnification provided by the gravitational lens of the sun.

(11425) Wearydunlop = 1999 MF

Discovered 1999 June 18 by J. Broughton at Reedy Creek Observatory.

Edward 'Weary' Dunlop (1907–1993) was an Australian Army surgeon prisoner-of-war on the Burma railway and is legendary for repeatedly risking his own life to save sick allied soldiers. On one occasion he placed himself in front of guards with bayonets who were about to kill POWs too sick to work.

(11514) Tsunenaga = 1991 CO₁

Discovered 1991 Feb. 13 by M. Koishikawa at the Sendai Astronomical Observatory Ayashi station.

In 1613 Hasekura Tsunenaga (1571–1622) led the first Japanese mission across the Pacific to the Americas (in Mexico), and he continued across the Atlantic to Europe, where he met with king Philip III of Spain and pope Paul V. His portrait was designated a national treasure for the first time in Sendai in June 2001.

(11623) Kagekatsu = 1996 TC₁₀

Discovered 1996 Oct. 8 by T. Okuni at Nanyo.

Kagekatsu Uesugi (1555–1623) was a military commander during the Japanese feudal period. He was lord of Echigo Kasugayama castle from 1578, of Mutu Aizu castle from 1598 and of Dewa Yonezawa castle from 1601.

(11790) Goode = 1978 RU

Discovered 1978 Sept. 1 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Philip R. Goode (b. 1943), a professor at the New Jersey Institute of Technology and director of Big Bear Solar Observatory, is renowned for his work on helioseismology and solar activity. His wife Fran B. Goode (b. 1944) is director of development at the same observatory.

(12187) Lenagoryunova = 1977 RL₇

Discovered 1977 Sept. 11 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Elena (Lena) Viktorovna Goryunova (b. 1961), hydrologist at Sebastopol Institute of Hydrography, is a friend of the discoverer's daughter.

(15673) Chetaev = 1978 PV₂

Discovered 1978 Aug. 8 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Soviet mathematician and mechanic Nikolaj Gur'evich Chetaev (1902–1959), a professor at the universities in Kazan and Moscow, made valuable contributions to analytical mechanics and stability theory.

(17038) Wake = 1999 FO₂₁

Discovered 1999 Mar. 26 by J. Broughton at Reedy Creek Observatory.

Born in New Zealand, Australian journalist Nancy Wake (b.1912) joined the French Resistance during World War II, taking part in many risky sabotage raids and helping hundreds of people to escape capture.

(17354) Matrosov = 1977 EU₁

Discovered 1977 Mar. 13 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Vladimir Mefodievich Matrosov (b.1932) is known for his research in theoretical mechanics, the dynamics of nonlinear and complex systems and stability theory. He has worked in Kazan, Novosibirsk and Irkutsk.

(17496) Augustinus = 1992 DM₂

Discovered 1992 Feb. 29 by F. Börngen at Tautenburg.

Aurelius Augustinus (354–430), born in North Africa, converted to Christianity in Milan and was bishop of the antique town Hippo from 395. His principal works *De Civitate Dei*, *De Trinitate Dei* and *Confessiones*, strongly influenced Christian theology and ethics.

(17508) Takumadan = 1992 JH

Discovered 1992 May 3 by T. Seki at Geisei.

Educated at the Massachusetts Institute of Technology, Takuma Dan (1858–1932) returned to Japan in 1881 and became a lecturer in astronomy at Tokyo Imperial University. He later directed the Japanese mining industry and became a financier.

(17509) Ikumadan = 1992 JR

Discovered 1992 May 4 by T. Seki at Geisei.

Conductor Ikuma Dan (1924–2001), grandson of financier Takuma Dan, was a leading member of the Art Academy of Japan. He composed symphonies, songs and operas, including the celebrated *Yuzuru* (“The Evening Crane”). The name was suggested by K. Tomita, who was a classmate at Aoyama Gakuin High School.

(18301) Konyukhov = 1979 QZ₉

Discovered 1979 Aug. 27 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Fyodor Fyodorovich Konyukhov (b.1951) has performed 50 extensive travels, mainly alone. He conquered both poles and all the highest mountains of the world. The renowned Russian traveler has taken many of the world’s most difficult land and sea routes and has sailed around the world three times.

(19119) Dimpna = 1981 SG₃

Discovered 1981 Sept. 27 by L. G. Karachkina at the Crimean Astrophysical Observatory.

The *Dictionary of Minor Planet Names (DiMPNa)* is a catalogue edited by Lutz D. Schmadel in 1991, 1993, 1996 and 1999. This reflection of the history of humanity is possible by intensive observational and numerical work of researchers on minor planets all over the world.

(20164) Janzajíc = 1996 VJ₂

Discovered 1996 Nov. 9 by J. Tichá and M. Tichý at Kletř.

Jan Zajíc (1950–1969) was a Czech student who burned himself to death on 1969 Feb. 25 in Wenceslas Square, Prague, as a protest against the occupation of Czechoslovakia the previous August. His hope for a democratic Czechoslovakia came true some 20 years after his death.

(21655) Niklauswirth = 1999 PC₁

Discovered 1999 Aug. 8 by L. Šarounová at Ondřejov.

Niklaus Wirth (b.1934), professor of computer science variously at Stanford University, the University of Zurich and the Swiss Federal Institute of Technology, Zurich, created the computer languages ALGOL, Pascal and Modula. His ideas are widely used in the architecture of contemporary computer systems.

(21664) Konradzuse = 1999 RG₁

Discovered 1999 Sept. 4 by L. Šarounová at Ondřejov.

German engineer Konrad Zuse (1910–1995) developed and built the first binary digital computer. Working in complete isolation and secrecy, in 1941 he completed the Z3, the first operational program-controlled computer, before fleeing to Switzerland. Zuse computers were the first to be used by astronomers in Czechoslovakia.

(22644) Matejbel = 1998 OZ₄

Discovered 1998 July 27 by P. Pravec and U. Babiaková at Ondřejov.

Matej Bel (1684–1749), Slovak historian and a great scholar of the eighteenth century, was a pioneer of collaborative research, member of numerous scholarly societies and author of the book *Notitia Hungariae novae historico-geographica*. The University of Banská Bystrica, Slovakia, bears his name.

(23880) Tongil = 1998 SG₅

Discovered 1998 Sept. 18 by T. H. Lee at Yunchun.

In Korean, *Tongil* means “reunification”. This minor planet, the first one discovered by a Korean amateur astronomer, is named with the hope for an early reunification of the southern and northern parts of Korea, divided since 1945.

(24046) Malovany = 1999 TX₃

Discovered 1999 Oct. 2 by L. Šarounová at Ondřejov.

Joseph Malovany (b.1941), the Cantor of New York’s Fifth Avenue Synagogue, and professor of Liturgical Music at Yeshiva University, holds many high artistic diplomas and awards. An outstanding tenor soloist, he performs in oratorios and symphonic pieces all over the world.

(25472) Joanoro = 1999 XL₃₆

Discovered 1999 Dec. 6 by J. Nomen at Ametlla de Mar Observatory.

Joan Oro (b.1923), born in Lleida, Catalonia, has dedicated his whole professional life to the study of the origin of life. He has spread word of science in general, and of astronomy in particular, between Catalonia and his current home in Houston, Texas.

(26195) Černošlávěk = 1997 EN

Discovered 1997 Mar. 1 by P. Pravec at Ondřejov.

Ivo Černošlávěk (1960–1995) pioneered the Internet in the Czech Republic, co-founded the Czech academic network and helped to establish Brno as a center in information technology. A sportsman awarded the Fair Play prize for the rescue of a colleague on wild water, he died on a river in Norway.

(26214) Kalinga = 1997 US₁₀

Discovered 1997 Oct. 30 by P. Pravec at Ondřejov.

Bearing the old name of the Indian state of Orissa, UNESCO’s Kalinga Prize has been awarded annually since 1952 to persons who contributed to the interpretation of the role of science in service to human society. The prize is sponsored by the Kalinga Foundation, established in 1951 by Indian philanthropist Biju Patnaik.

(26314) Škvorecký = 1998 UJ₁

Discovered 1998 Oct. 16 by J. Tichá and M. Tichý at Kletř.

Josef Škvorecký (b.1924) is one of the preeminent Czech writers of the post-World War II generation known for mordant humor and sardonic irony. Together with his wife Zdena Salivarová, he operated The Sixty-Eight Publishers in Toronto, the main Czech exile publishing house.

(26401) Sobotište = 1999 WX

Discovered 1999 Nov. 19 by P. Kušnirák at Ondřejov.

Sobotište is a village in southwestern Slovakia with a rich history. The first written reference is from 1251. In 1845 a credit cooperative, the first in continental Europe, arose there. The local astronomical observatory, founded in 1972, participates in the observation of meteors and occultations.

EPHEMERIDES

C/2001 M10 (NEAT)		Elements MPC 43333							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 08 29		19 57.56	-13 23.1	4.482	5.318	142.5	6.6	18.5	
2001 09 08		19 55.36	-13 04.5	4.592	5.324	132.4	8.0	18.6	
2001 09 18		19 54.34	-12 45.6	4.722	5.331	122.6	9.1	18.6	
2001 09 28		19 54.55	-12 26.0	4.867	5.339	113.0	9.9	18.7	
2001 10 08		19 55.99	-12 05.2	5.022	5.348	103.7	10.5	18.8	
2001 10 18		19 58.61	-11 42.5	5.184	5.357	94.6	10.7	18.9	
2001 10 28		20 02.33	-11 17.6	5.349	5.368	85.8	10.6	18.9	
2001 11 07		20 07.04	-10 49.9	5.512	5.379	77.1	10.3	19.0	
2001 11 17		20 12.62	-10 19.1	5.671	5.391	68.7	9.8	19.1	
2001 11 27		20 18.96	-09 44.9	5.822	5.404	60.4	9.1	19.2	
2001 12 07		20 25.94	-09 07.0	5.963	5.417	52.3	8.3	19.2	
2001 12 17		20 33.43	-08 25.3	6.091	5.431	44.4	7.3	19.3	
2001 12 27		20 41.32	-07 39.7	6.203	5.446	36.7	6.2	19.3	

C/2001 Q1 (NEAT)		Elements MPC 43333							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 08 29		20 52.12	-09 51.2	4.952	5.888	155.9	4.0	18.2	
2001 09 08		20 48.47	-11 19.6	5.028	5.886	145.5	5.6	18.2	
2001 09 18		20 45.65	-12 43.6	5.131	5.885	135.0	6.9	18.2	
2001 09 28		20 43.83	-14 01.5	5.258	5.885	124.6	8.1	18.3	
2001 10 08		20 43.12	-15 12.1	5.403	5.885	114.3	8.9	18.4	
2001 10 18		20 43.56	-16 14.9	5.561	5.887	104.3	9.4	18.4	
2001 10 28		20 45.15	-17 09.7	5.728	5.889	94.5	9.7	18.5	
2001 11 07		20 47.82	-17 56.9	5.898	5.892	84.9	9.6	18.6	
2001 11 17		20 51.51	-18 36.7	6.066	5.896	75.5	9.3	18.6	
2001 11 27		20 56.13	-19 09.8	6.228	5.901	66.3	8.8	18.7	
2001 12 07		21 01.55	-19 36.8	6.381	5.907	57.3	8.1	18.7	
2001 12 17		21 07.69	-19 58.5	6.520	5.913	48.4	7.2	18.8	
2001 12 27		21 14.41	-20 15.7	6.643	5.920	39.8	6.1	18.8	
2002 01 06		21 21.62	-20 29.1	6.747	5.929	31.3	4.9	18.9	

C/2001 O2 (NEAT)		Elements MPC 43333							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 08 29		22 18.37	-23 57.4	6.072	7.053	165.2	2.1	18.4	
2001 09 08		22 10.81	-23 46.0	6.162	7.104	157.6	3.1	18.5	
2001 09 18		22 03.81	-23 29.1	6.284	7.156	147.9	4.3	18.5	
2001 09 28		21 57.61	-23 06.6	6.435	7.207	137.6	5.4	18.6	
2001 10 08		21 52.38	-22 39.2	6.611	7.259	127.2	6.3	18.7	
2001 10 18		21 48.24	-22 07.3	6.807	7.311	116.8	7.0	18.8	

2001 10 28	21 45.22	-21 31.8	7.018	7.363	106.6	7.4	18.9	
2001 11 07	21 43.30	-20 53.2	7.239	7.415	96.4	7.6	19.0	
2001 11 17	21 42.42	-20 12.1	7.463	7.468	86.5	7.6	19.1	
2001 11 27	21 42.51	-19 29.1	7.686	7.521	76.7	7.3	19.2	
2001 12 07	21 43.44	-18 44.5	7.903	7.573	67.0	6.9	19.3	
2001 12 17	21 45.11	-17 58.6	8.110	7.626	57.5	6.2	19.4	
2001 12 27	21 47.40	-17 11.9	8.301	7.679	48.1	5.5	19.4	
2002 01 06	21 50.18	-16 24.5	8.474	7.733	38.8	4.6	19.5	

39P/Oterma		Elements MPC 43334							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 08 29		23 24.24	-03 08.1	4.752	5.734	165.2	2.6	19.8	21.5
2001 09 08		23 20.18	-03 31.8	4.719	5.724	175.9	0.7	19.7	21.3
2001 09 18		23 16.00	-03 56.4	4.715	5.714	173.2	1.2	19.7	21.3
2001 09 28		23 12.00	-04 20.1	4.741	5.704	162.3	3.1	19.7	21.5
2001 10 08		23 08.46	-04 41.1	4.796	5.694	151.6	4.8	19.7	21.6
2001 10 18		23 05.63	-04 57.9	4.876	5.684	140.9	6.3	19.8	21.7
2001 10 28		23 03.71	-05 09.2	4.980	5.675	130.4	7.7	19.8	21.8
2001 11 07		23 02.81	-05 14.3	5.102	5.666	120.2	8.7	19.8	21.9
2001 11 17		23 03.01	-05 12.7	5.239	5.657	110.2	9.4	19.9	22.0
2001 11 27		23 04.32	-05 04.3	5.385	5.648	100.4	9.9	19.9	22.1
2001 12 07		23 06.69	-04 49.4	5.536	5.639	90.9	10.1	20.0	22.1
2001 12 17		23 10.05	-04 28.1	5.688	5.631	81.7	10.0	20.0	22.2
2001 12 27		23 14.33	-04 00.9	5.837	5.623	72.7	9.6	20.1	22.2
2002 01 06		23 19.42	-03 28.4	5.978	5.614	63.9	9.0	20.1	22.2
2002 01 16		23 25.22	-02 51.1	6.109	5.607	55.2	8.3	20.2	22.2
2002 01 26		23 31.62	-02 09.6	6.227	5.599	46.8	7.4	20.2	22.2
2002 02 05		23 38.52	-01 24.6	6.329	5.592	38.5	6.3	20.2	22.2
2002 02 15		23 45.83	-00 36.7	6.414	5.584	30.4	5.1	20.2	22.2

C/2001 Q4 (NEAT)		Elements MPC 43333							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 08 29		02 44.07	-25 21.9	10.930	11.437	117.9	4.5	17.3	
2001 09 08		02 42.42	-26 13.0	10.777	11.380	124.6	4.2	17.2	
2001 09 18		02 40.12	-27 03.9	10.643	11.322	130.6	3.9	17.2	
2001 09 28		02 37.24	-27 52.9	10.531	11.264	135.2	3.6	17.1	
2001 10 08		02 33.84	-28 38.6	10.443	11.206	138.0	3.4	17.1	
2001 10 18		02 30.03	-29 19.5	10.381	11.148	138.6	3.4	17.1	
2001 10 28		02 25.94	-29 54.3	10.345	11.090	136.8	3.5	17.0	
2001 11 07		02 21.74	-30 22.0	10.333	11.032	133.0	3.8	17.0	
2001 11 17		02 17.59	-30 42.0	10.345	10.974	127.5	4.1	17.0	
2001 11 27		02 13.67	-30 54.1	10.377	10.916	120.8	4.5	17.0	
2001 12 07		02 10.12	-30 58.4	10.427	10.858	113.5	4.8	16.9	
2001 12 17		02 07.07	-30 55.5	10.491	10.799	105.8	5.0	16.9	
2001 12 27		02 04.64	-30 46.3	10.563	10.741	97.8	5.2	16.9	
2002 01 06		02 02.88	-30 31.7	10.640	10.683	89.8	5.3	16.9	

P/2001 Q2 (Petrew)		Elements MPC 43333							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 08 29		06 29.37	+24 10.2	0.903	0.947	59.0	66.1	10.5	
2001 09 08		07 15.86	+19 49.4	0.961	0.949	57.6	63.7	10.7	
2001 09 18		07 55.66	+15 21.6	1.024	0.974	57.4	60.3	10.9	
2001 09 28		08 29.83	+11 02.5	1.087	1.019	58.2	56.7	11.3	
2001 10 08		08 59.26	+06 59.6	1.145	1.080	60.0	53.3	11.6	

2001 10 18	09 24.61	+03 15.5	1.194	1.153	62.8	50.2	12.0
2001 10 28	09 46.26	-00 09.1	1.232	1.235	66.4	47.5	12.4
2001 11 07	10 04.50	-03 14.1	1.259	1.323	70.9	45.1	12.7
2001 11 17	10 19.39	-06 00.1	1.273	1.414	76.2	42.8	13.0
2001 11 27	10 30.86	-08 26.3	1.277	1.508	82.5	40.5	13.3
2001 12 07	10 38.79	-10 31.5	1.271	1.602	89.5	38.0	13.6
2001 12 17	10 42.95	-12 13.5	1.258	1.696	97.6	35.1	13.8
2001 12 27	10 43.09	-13 28.3	1.241	1.790	106.5	31.8	14.0
2002 01 06	10 39.18	-14 10.9	1.226	1.883	116.4	27.9	14.2
2002 01 16	10 31.42	-14 16.4	1.219	1.974	127.0	23.4	14.4
2002 01 26	10 20.56	-13 41.1	1.224	2.064	138.0	18.6	14.6
2002 02 05	10 07.88	-12 26.5	1.249	2.153	148.5	13.8	14.8
2002 02 15	09 54.93	-10 39.6	1.299	2.239	156.5	10.1	15.1
2002 02 25	09 43.29	-08 33.2	1.375	2.325	158.5	9.0	15.4
2002 03 07	09 34.09	-06 21.8	1.479	2.408	153.5	10.6	15.7
2002 03 17	09 27.88	-04 17.4	1.608	2.490	145.0	13.3	16.0
2002 03 27	09 24.76	-02 27.9	1.760	2.570	135.6	15.8	16.3
2002 04 06	09 24.49	-00 57.4	1.930	2.648	126.3	17.7	16.7
2002 04 16	09 26.67	+00 13.6	2.115	2.725	117.2	19.1	17.0
2002 04 26	09 30.91	+01 05.5	2.311	2.800	108.6	19.9	17.3
2002 05 06	09 36.79	+01 40.1	2.514	2.873	100.4	20.2	17.6
2002 05 16	09 44.00	+01 59.4	2.721	2.945	92.6	20.1	17.9

C/1999 H3 (LINEAR)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 09 28	09 54.61	+00 06.8	8.147	7.359	35.9	4.6	18.2		
2001 10 08	09 56.48	-00 39.7	8.101	7.424	44.7	5.4	18.2		
2001 10 18	09 57.78	-01 25.7	8.036	7.489	53.7	6.2	18.3		
2001 10 28	09 58.44	-02 10.6	7.954	7.554	63.0	6.7	18.3		
2001 11 07	09 58.35	-02 53.8	7.859	7.619	72.5	7.1	18.3		
2001 11 17	09 57.45	-03 34.6	7.756	7.684	82.2	7.3	18.3		
2001 11 27	09 55.67	-04 12.2	7.649	7.749	92.1	7.3	18.3		
2001 12 07	09 52.99	-04 45.8	7.545	7.814	102.3	7.1	18.3		
2001 12 17	09 49.39	-05 14.6	7.449	7.878	112.5	6.6	18.3		
2001 12 27	09 44.92	-05 37.9	7.366	7.943	122.9	6.0	18.3		
2002 01 06	09 39.68	-05 55.0	7.304	8.008	133.1	5.1	18.4		
2002 01 16	09 33.81	-06 05.5	7.266	8.072	142.9	4.2	18.4		
2002 01 26	09 27.51	-06 09.4	7.257	8.137	151.6	3.3	18.4		
2002 02 05	09 21.01	-06 07.1	7.280	8.201	157.8	2.6	18.4		
2002 02 15	09 14.54	-05 59.1	7.337	8.266	158.9	2.5	18.5		
2002 02 25	09 08.37	-05 46.5	7.427	8.330	154.4	2.9	18.6		
2002 03 07	09 02.69	-05 30.6	7.548	8.394	146.6	3.7	18.6		
2002 03 17	08 57.69	-05 12.7	7.699	8.458	137.4	4.6	18.7		
2002 03 27	08 53.48	-04 54.2	7.874	8.522	127.8	5.3	18.8		
2002 04 06	08 50.13	-04 36.3	8.070	8.586	118.1	5.9	18.9		
2002 04 16	08 47.67	-04 20.2	8.280	8.650	108.4	6.3	19.0		
2002 04 26	08 46.08	-04 06.6	8.501	8.714	99.0	6.5	19.0		
2002 05 06	08 45.30	-03 56.3	8.725	8.778	89.7	6.6	19.1		
2002 05 16	08 45.28	-03 49.6	8.950	8.842	80.6	6.5	19.2		
2002 05 26	08 45.93	-03 46.9	9.169	8.905	71.8	6.2	19.3		
2002 06 05	08 47.16	-03 48.3	9.379	8.969	63.3	5.8	19.4		
2002 06 15	08 48.89	-03 53.9	9.577	9.032	55.0	5.3	19.5		
2002 06 25	08 51.02	-04 03.6	9.758	9.096	47.1	4.7	19.5		

Elements MPC 41897

2002 07 05	08 53.45	-04 17.4	9.920	9.159	39.5	4.1	19.6
2002 07 15	08 56.11	-04 35.1	10.062	9.222	32.6	3.4	19.7

65P/Gunn

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 09 28	10 28.44	+18 31.5	4.645	3.854	33.9	8.3	17.1	20.8	
2001 10 08	10 39.48	+17 41.1	4.528	3.827	40.7	9.8	17.0	20.8	
2001 10 18	10 50.17	+16 53.4	4.397	3.801	47.8	11.2	16.9	20.8	
2001 10 28	11 00.40	+16 09.5	4.253	3.774	55.1	12.5	16.8	20.8	
2001 11 07	11 10.08	+15 30.5	4.098	3.746	62.6	13.6	16.7	20.7	
2001 11 17	11 19.11	+14 57.5	3.934	3.719	70.3	14.5	16.5	20.6	
2001 11 27	11 27.31	+14 31.9	3.763	3.691	78.2	15.2	16.4	20.6	
2001 12 07	11 34.56	+14 14.9	3.588	3.663	86.5	15.6	16.2	20.4	
2001 12 17	11 40.65	+14 07.7	3.412	3.634	95.1	15.6	16.1	20.3	
2001 12 27	11 45.40	+14 11.5	3.239	3.606	104.0	15.3	15.9	20.2	
2002 01 06	11 48.60	+14 27.1	3.072	3.577	113.3	14.6	15.7	20.0	
2002 01 16	11 50.05	+14 54.7	2.915	3.548	123.0	13.4	15.6	19.8	
2002 01 26	11 49.59	+15 33.6	2.772	3.519	133.0	11.8	15.4	19.7	
2002 02 05	11 47.17	+16 21.9	2.649	3.489	143.2	9.7	15.3	19.5	
2002 02 15	11 42.84	+17 16.5	2.549	3.459	153.2	7.4	15.1	19.3	
2002 02 25	11 36.86	+18 12.4	2.475	3.429	161.9	5.2	15.0	19.1	
2002 03 07	11 29.73	+19 04.3	2.430	3.399	165.5	4.2	14.9	19.0	
2002 03 17	11 22.06	+19 46.6	2.414	3.369	160.8	5.6	14.8	19.0	
2002 03 27	11 14.65	+20 15.0	2.426	3.339	151.9	8.1	14.8	19.1	
2002 04 06	11 08.18	+20 26.8	2.463	3.309	141.9	10.8	14.8	19.2	
2002 04 16	11 03.24	+20 21.6	2.523	3.278	131.8	13.2	14.7	19.4	
2002 04 26	11 00.20	+19 59.9	2.600	3.248	122.0	15.2	14.7	19.5	
2002 05 06	10 59.21	+19 23.7	2.691	3.217	112.7	16.8	14.8	19.6	
2002 05 16	11 00.28	+18 34.8	2.790	3.187	103.8	17.9	14.8	19.7	
2002 05 26	11 03.30	+17 35.1	2.895	3.156	95.5	18.6	14.8	19.8	
2002 06 05	11 08.08	+16 26.4	3.001	3.126	87.5	18.9	14.8	19.8	
2002 06 15	11 14.44	+15 10.0	3.106	3.096	80.0	18.9	14.8	19.9	
2002 06 25	11 22.17	+13 47.0	3.208	3.065	72.8	18.5	14.8	19.9	
2002 07 05	11 31.10	+12 18.3	3.304	3.035	66.0	17.8	14.8	19.9	
2002 07 15	11 41.07	+10 44.6	3.393	3.006	59.4	16.9	14.8	19.9	
2002 07 25	11 51.95	+09 06.7	3.474	2.976	53.0	15.8	14.8	19.9	
2002 08 04	12 03.62	+07 25.2	3.546	2.947	46.9	14.5	14.8	19.9	
2002 08 14	12 16.01	+05 40.7	3.608	2.918	40.9	13.1	14.8	19.9	
2002 08 24	12 29.03	+03 53.9	3.659	2.889	35.0	11.6	14.7	19.8	

110P/Hartley 3

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 10 08	10 40.38	+01 50.0	3.517	2.750	34.3	11.8	16.9	21.1	
2001 10 18	10 54.30	-00 04.0	3.460	2.775	40.2	13.4	17.0	21.2	
2001 10 28	11 07.53	-01 57.4	3.392	2.800	46.3	14.9	17.1	21.2	
2001 11 07	11 19.99	-03 49.3	3.315	2.826	52.7	16.2	17.1	21.2	
2001 11 17	11 31.60	-05 39.1	3.228	2.852	59.3	17.3	17.2	21.2	
2001 11 27	11 42.20	-07 25.6	3.133	2.879	66.2	18.3	17.3	21.2	
2001 12 07	11 51.67	-09 07.9	3.031	2.907	73.4	19.0	17.3	21.2	
2001 12 17	11 59.83	-10 44.9	2.924	2.935	80.9	19.3	17.4	21.1	
2001 12 27	12 06.46	-12 15.3	2.814	2.963	88.9	19.4	17.4	21.1	
2002 01 06	12 11.37	-13 37.6	2.704	2.991	97.2	19.0	17.4	21.0	
2002 01 16	12 14.34	-14 49.9	2.597	3.020	106.0	18.2	17.5	20.9	

Elements MPC 31663

2002 01 26	12 15.18	-15 50.1	2.497	3.049	115.2	17.0	17.5	20.8
2002 02 05	12 13.83	-16 36.0	2.407	3.079	124.9	15.2	17.6	20.7
2002 02 15	12 10.31	-17 05.0	2.332	3.108	134.9	13.0	17.6	20.6
2002 02 25	12 04.89	-17 15.5	2.276	3.138	144.9	10.4	17.7	20.4
2002 03 07	11 58.04	-17 06.8	2.243	3.168	154.4	7.8	17.8	20.3
2002 03 17	11 50.42	-16 40.2	2.237	3.198	161.8	5.6	17.9	20.2
2002 03 27	11 42.86	-15 58.9	2.259	3.227	163.3	5.1	18.0	20.2
2002 04 06	11 36.09	-15 08.2	2.309	3.257	157.8	6.7	18.2	20.4
2002 04 16	11 30.72	-14 13.9	2.385	3.287	149.2	9.0	18.4	20.6
2002 04 26	11 27.16	-13 21.6	2.485	3.317	139.7	11.3	18.6	20.8
2002 05 06	11 25.56	-12 35.8	2.606	3.347	130.2	13.3	18.8	21.0
2002 05 16	11 25.93	-11 59.4	2.743	3.377	121.0	14.9	19.0	21.2
2002 05 26	11 28.15	-11 34.0	2.893	3.406	112.1	16.0	19.3	21.3
2002 06 05	11 32.02	-11 20.3	3.052	3.436	103.6	16.7	19.5	21.5
2002 06 15	11 37.34	-11 17.8	3.217	3.465	95.5	17.0	19.7	21.6
2002 06 25	11 43.92	-11 26.1	3.384	3.495	87.7	16.9	20.0	21.8
2002 07 05	11 51.55	-11 44.1	3.551	3.524	80.2	16.5	20.2	21.9
2002 07 15	12 00.09	-12 10.8	3.716	3.553	72.9	15.9	20.4	22.0
2002 07 25	12 09.38	-12 45.2	3.875	3.582	65.9	15.0	20.6	22.0
2002 08 04	12 19.30	-13 26.1	4.027	3.610	58.9	13.9	20.8	22.1
2002 08 14	12 29.76	-14 12.6	4.171	3.638	52.2	12.7	20.9	22.2
2002 08 24	12 40.66	-15 03.6	4.304	3.667	45.5	11.3	21.1	22.2
2002 09 03	12 51.92	-15 58.4	4.425	3.694	38.9	9.9	21.3	22.2
2002 09 13	13 03.49	-16 56.0	4.533	3.722	32.4	8.3	21.4	22.2

C/2001 B2 (NEAT)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 10 08		10 45.00	+01 39.1	6.889	6.077	33.1	5.2	16.0	
2001 10 18		10 46.99	+01 44.5	6.811	6.113	42.5	6.3	16.0	
2001 10 28		10 48.37	+01 52.9	6.710	6.149	52.0	7.3	16.0	
2001 11 07		10 49.02	+02 05.4	6.590	6.185	61.9	8.1	16.0	
2001 11 17		10 48.81	+02 23.1	6.455	6.223	72.1	8.7	16.0	
2001 11 27		10 47.62	+02 47.1	6.311	6.260	82.6	9.0	16.0	
2001 12 07		10 45.34	+03 18.5	6.163	6.299	93.4	9.0	15.9	
2001 12 17		10 41.88	+03 57.9	6.018	6.337	104.6	8.6	15.9	
2001 12 27		10 37.19	+04 45.9	5.882	6.377	116.1	8.0	15.9	
2002 01 06		10 31.28	+05 42.4	5.764	6.416	128.0	6.9	15.9	
2002 01 16		10 24.24	+06 46.7	5.670	6.456	140.2	5.6	15.9	
2002 01 26		10 16.23	+07 57.4	5.607	6.497	152.7	4.0	15.9	
2002 02 05		10 07.53	+09 12.3	5.580	6.538	165.2	2.2	15.9	
2002 02 15		09 58.47	+10 28.9	5.593	6.580	177.4	0.4	15.9	
2002 02 25		09 49.40	+11 44.4	5.647	6.622	169.3	1.6	16.0	
2002 03 07		09 40.72	+12 56.2	5.740	6.664	156.9	3.3	16.0	
2002 03 17		09 32.74	+14 02.4	5.870	6.707	144.8	4.9	16.1	
2002 03 27		09 25.72	+15 01.5	6.031	6.750	132.9	6.2	16.2	
2002 04 06		09 19.82	+15 52.9	6.218	6.793	121.4	7.2	16.3	
2002 04 16		09 15.13	+16 36.5	6.424	6.837	110.3	7.9	16.4	
2002 04 26		09 11.65	+17 12.8	6.642	6.881	99.6	8.3	16.5	
2002 05 06		09 09.34	+17 42.4	6.866	6.926	89.2	8.4	16.6	
2002 05 16		09 08.10	+18 05.9	7.090	6.971	79.1	8.2	16.7	
2002 05 26		09 07.82	+18 24.1	7.308	7.016	69.4	7.8	16.8	
2002 06 05		09 08.39	+18 37.9	7.516	7.062	59.9	7.1	16.9	
2002 06 15		09 09.69	+18 47.9	7.709	7.107	50.6	6.3	17.0	

2002 06 25	09 11.57	+18 55.0	7.884	7.153	41.4	5.4	17.0
2002 07 05	09 13.93	+18 59.6	8.037	7.200	32.5	4.3	17.1

P/1997 T3 (Lagerkvist-Carsenty)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 10 08		10 48.12	+12 18.7	7.689	6.909	36.2	4.9	22.0	
2001 10 18		10 53.52	+11 50.1	7.605	6.932	44.7	5.8	22.1	
2001 10 28		10 58.45	+11 24.8	7.503	6.955	53.3	6.6	22.1	
2001 11 07		11 02.83	+11 03.4	7.386	6.978	62.1	7.2	22.1	
2001 11 17		11 06.59	+10 46.3	7.257	7.001	71.2	7.7	22.1	
2001 11 27		11 09.62	+10 34.2	7.119	7.024	80.5	8.0	22.1	
2001 12 07		11 11.87	+10 27.4	6.977	7.047	90.1	8.0	22.0	
2001 12 17		11 13.25	+10 26.2	6.834	7.070	99.9	7.9	22.0	
2001 12 27		11 13.73	+10 30.8	6.696	7.092	109.9	7.5	21.9	
2002 01 06		11 13.28	+10 41.0	6.569	7.115	120.2	6.9	21.9	
2002 01 16		11 11.92	+10 56.3	6.456	7.137	130.8	6.0	21.8	
2002 01 26		11 09.71	+11 16.0	6.363	7.159	141.5	4.9	21.7	
2002 02 05		11 06.76	+11 38.9	6.294	7.182	152.2	3.7	21.6	
2002 02 15		11 03.24	+12 03.8	6.253	7.204	162.9	2.3	21.5	
2002 02 25		10 59.34	+12 29.1	6.243	7.225	172.5	1.0	21.4	
2002 03 07		10 55.31	+12 53.3	6.264	7.247	171.8	1.1	21.4	
2002 03 17		10 51.37	+13 14.8	6.316	7.269	162.1	2.4	21.6	
2002 03 27		10 47.76	+13 32.5	6.397	7.291	151.6	3.7	21.7	
2002 04 06		10 44.69	+13 45.6	6.506	7.312	141.1	4.9	21.8	
2002 04 16		10 42.29	+13 53.4	6.638	7.333	130.8	5.9	21.9	
2002 04 26		10 40.68	+13 55.9	6.789	7.355	120.7	6.8	22.0	
2002 05 06		10 39.91	+13 52.9	6.955	7.376	110.9	7.3	22.1	
2002 05 16		10 40.00	+13 44.8	7.130	7.397	101.4	7.7	22.2	
2002 05 26		10 40.92	+13 31.9	7.311	7.418	92.1	7.8	22.2	
2002 06 05		10 42.63	+13 14.6	7.493	7.438	83.0	7.8	22.3	
2002 06 15		10 45.06	+12 53.3	7.672	7.459	74.2	7.5	22.3	
2002 06 25		10 48.15	+12 28.7	7.843	7.480	65.5	7.1	22.4	
2002 07 05		10 51.80	+12 01.0	8.005	7.500	57.0	6.5	22.4	
2002 07 15		10 55.96	+11 30.8	8.153	7.520	48.6	5.8	22.4	
2002 07 25		11 00.53	+10 58.5	8.285	7.540	40.4	5.0	22.4	
2002 08 04		11 05.44	+10 24.7	8.399	7.560	32.2	4.1	22.4	

C/2000 B4 (LINEAR)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 10 08		11 09.03	+11 03.8	8.098	7.262	31.2	4.1	20.7	
2001 10 18		11 14.60	+10 23.6	8.021	7.279	39.4	5.0	20.8	
2001 10 28		11 19.78	+09 46.3	7.926	7.297	47.9	5.8	20.8	
2001 11 07		11 24.50	+09 12.2	7.814	7.315	56.5	6.5	20.8	
2001 11 17		11 28.67	+08 41.8	7.689	7.333	65.4	7.0	20.8	
2001 11 27		11 32.22	+08 15.6	7.554	7.351	74.5	7.4	20.8	
2001 12 07		11 35.06	+07 53.9	7.411	7.370	83.8	7.6	20.7	
2001 12 17		11 37.14	+07 37.1	7.266	7.389	93.3	7.6	20.7	
2001 12 27		11 38.39	+07 25.4	7.123	7.409	103.1	7.4	20.6	
2002 01 06		11 38.79	+07 18.7	6.986	7.428	113.1	7.0	20.6	
2002 01 16		11 38.32	+07 16.9	6.861	7.448	123.4	6.3	20.5	
2002 01 26		11 37.02	+07 19.5	6.752	7.468	133.8	5.5	20.5	
2002 02 05		11 34.97	+07 25.9	6.664	7.488	144.4	4.4	20.4	
2002 02 15		11 32.28	+07 35.1	6.601	7.509	155.1	3.2	20.3	

Elements MPC 35205

Elements MPC 41897

2002 02 25	11 29.11	+07 46.0	6.566	7.530	165.8	1.9	20.2	2002 08 24	00 29.81	-45 33.5	0.845	1.714	134.7	24.8	13.1	18.0
2002 03 07	11 25.66	+07 57.4	6.562	7.551	175.2	0.6	20.1	2002 09 03	00 18.30	-46 40.1	0.916	1.787	136.4	22.9	13.6	18.2
2002 03 17	11 22.14	+08 07.9	6.588	7.572	171.1	1.2	20.2	2002 09 13	00 05.29	-46 44.9	1.000	1.862	136.2	21.9	14.0	18.4
2002 03 27	11 18.78	+08 16.4	6.644	7.594	160.8	2.5	20.3	2002 09 23	23 53.30	-45 52.9	1.099	1.937	134.2	21.8	14.5	18.7
2002 04 06	11 15.76	+08 22.0	6.729	7.615	150.4	3.7	20.4	2002 10 03	23 44.01	-44 15.5	1.213	2.013	130.6	22.2	15.0	19.0
2002 04 16	11 13.25	+08 23.7	6.841	7.637	140.1	4.8	20.5	2002 10 13	23 38.18	-42 05.8	1.342	2.089	125.9	22.8	15.4	19.3
2002 04 26	11 11.40	+08 21.2	6.975	7.660	129.9	5.8	20.6	2002 10 23	23 35.86	-39 35.8	1.484	2.165	120.5	23.3	15.9	19.6
2002 05 06	11 10.27	+08 14.2	7.127	7.682	120.0	6.5	20.7	2002 11 02	23 36.62	-36 55.1	1.638	2.241	114.6	23.7	16.3	19.9
2002 05 16	11 09.91	+08 02.6	7.294	7.705	110.4	7.1	20.8	2002 11 12	23 39.97	-34 09.7	1.804	2.316	108.5	23.9	16.8	20.2
2002 05 26	11 10.34	+07 46.5	7.471	7.728	101.0	7.4	20.8	2002 11 22	23 45.40	-31 24.3	1.978	2.390	102.2	23.8	17.2	20.5
2002 06 05	11 11.53	+07 26.2	7.652	7.751	91.8	7.5	20.9	2002 12 02	23 52.47	-28 41.3	2.160	2.464	95.9	23.5	17.5	20.7
2002 06 15	11 13.44	+07 01.9	7.835	7.774	82.8	7.4	21.0	2002 12 12	00 00.82	-26 02.4	2.347	2.537	89.5	22.8	17.9	21.0
2002 06 25	11 16.01	+06 33.9	8.015	7.798	74.1	7.2	21.0	2002 12 22	00 10.16	-23 28.5	2.538	2.609	83.1	22.0	18.3	21.2
2002 07 05	11 19.18	+06 02.7	8.189	7.822	65.5	6.8	21.0	2003 01 01	00 20.27	-21 00.1	2.729	2.681	76.8	20.9	18.6	21.3
2002 07 15	11 22.87	+05 28.6	8.353	7.845	57.0	6.2	21.1	2003 01 11	00 30.99	-18 37.6	2.919	2.751	70.4	19.7	18.9	21.5
2002 07 25	11 27.02	+04 52.0	8.504	7.870	48.6	5.6	21.1	2003 01 21	00 42.16	-16 21.1	3.107	2.820	64.1	18.3	19.2	21.7
2002 08 04	11 31.55	+04 13.4	8.639	7.894	40.4	4.8	21.1	2003 01 31	00 53.67	-14 10.8	3.289	2.888	57.9	16.8	19.5	21.8
2002 08 14	11 36.40	+03 33.0	8.758	7.918	32.2	3.9	21.1	2003 02 10	01 05.44	-12 06.8	3.464	2.956	51.7	15.2	19.8	21.9
								2003 02 20	01 17.40	-10 09.3	3.630	3.022	45.6	13.5	20.0	22.0
								2003 03 02	01 29.48	-08 18.3	3.786	3.087	39.6	11.8	20.2	22.1
								2003 03 12	01 41.63	-06 33.9	3.929	3.151	33.7	10.1	20.4	22.1

7P/Pons-Winnecke

Elements MPC 34422

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 10 08		11 32.25	+19 22.2	3.395	2.606	32.3	11.8	18.9	21.5
2001 10 18		11 49.96	+18 02.6	3.254	2.533	37.3	13.8	18.6	21.4
2001 10 28		12 08.12	+16 42.4	3.104	2.460	42.2	15.7	18.3	21.3
2001 11 07		12 26.79	+15 22.4	2.947	2.386	47.2	17.7	18.0	21.2
2001 11 17		12 46.01	+14 03.3	2.785	2.312	52.0	19.7	17.7	21.0
2001 11 27		13 05.84	+12 46.0	2.620	2.237	56.7	21.7	17.3	20.9
2001 12 07		13 26.34	+11 31.2	2.453	2.161	61.3	23.6	17.0	20.7
2001 12 17		13 47.60	+10 19.8	2.287	2.085	65.7	25.5	16.6	20.6
2001 12 27		14 09.66	+09 12.6	2.122	2.009	69.9	27.4	16.2	20.4
2002 01 06		14 32.62	+08 10.1	1.961	1.933	73.8	29.2	15.8	20.2
2002 01 16		14 56.57	+07 12.8	1.805	1.858	77.4	31.1	15.3	20.0
2002 01 26		15 21.56	+06 20.6	1.656	1.783	80.6	33.0	14.9	19.7
2002 02 05		15 47.69	+05 32.8	1.515	1.710	83.4	34.9	14.4	19.5
2002 02 15		16 15.03	+04 48.5	1.382	1.639	85.8	36.9	13.9	19.3
2002 02 25		16 43.63	+04 05.2	1.260	1.571	87.7	39.0	13.4	19.0
2002 03 07		17 13.59	+03 19.7	1.147	1.507	89.2	41.2	13.0	18.8
2002 03 17		17 44.97	+02 27.9	1.045	1.447	90.3	43.4	12.5	18.6
2002 03 27		18 17.81	+01 24.3	0.953	1.393	91.1	45.7	12.1	18.4
2002 04 06		18 52.18	+00 03.1	0.873	1.347	91.7	48.0	11.6	18.2
2002 04 16		19 28.04	-01 41.4	0.803	1.309	92.2	50.0	11.3	18.0
2002 04 26		20 05.22	-03 53.9	0.745	1.281	92.8	51.7	11.0	17.8
2002 05 06		20 43.43	-06 36.3	0.699	1.264	93.7	52.8	10.7	17.7
2002 05 16		21 22.00	-09 47.3	0.664	1.258	95.1	53.2	10.6	17.6
2002 05 26		22 00.01	-13 22.3	0.641	1.264	97.1	52.6	10.6	17.5
2002 06 05		22 36.39	-17 13.8	0.630	1.282	99.8	51.2	10.6	17.4
2002 06 15		23 09.85	-21 15.0	0.629	1.311	103.2	49.0	10.8	17.4
2002 06 25		23 39.24	-25 19.8	0.636	1.349	107.2	46.0	11.0	17.4
2002 07 05		00 03.60	-29 23.6	0.651	1.396	111.8	42.6	11.2	17.4
2002 07 15		00 22.04	-33 22.5	0.673	1.450	116.8	38.7	11.6	17.5
2002 07 25		00 33.96	-37 09.9	0.703	1.510	121.9	34.8	11.9	17.6
2002 08 04		00 39.04	-40 36.1	0.740	1.575	126.9	31.0	12.3	17.7
2002 08 14		00 37.34	-43 28.8	0.787	1.643	131.4	27.6	12.7	17.8

OPPOSITION DATA

Planet	Opposition	α_{2000}	δ_{2000}	V	$\dot{\alpha}$	$\dot{\delta}$	ϕ_{MIN}	Ref.
1997 WD ₁₀	2001 08 19.0	21 53.30	-15 27.2	18.6	-0.79	- 4.8	0.8/18.2	16013
2000 BU ₂₀	2001 08 19.0	21 53.31	-14 32.1	18.8	-1.01	- 5.7	0.7/18.5	16048
2000 FR ₃₈	2001 08 19.0	21 53.33	-02 12.5	19.0	-0.78	- 7.2	3.4/22.5	1588
2001 MJ ₂₈	2001 08 19.0	21 53.37	-01 54.2	16.6	-0.63	- 5.8	5.6/22.6	16103
2000 FT ₃₉	2001 08 19.0	21 53.40	-17 39.3	18.3	-0.94	- 5.8	1.8/17.6	16062
2000 FD ₃₁	2001 08 19.0	21 53.48	-29 09.0	15.9	-0.91	- 4.4	6.8/14.2	16061
2000 FA ₃₉	2001 08 19.0	21 53.53	-26 52.6	18.5	-0.95	- 3.2	4.8/15.2	1588
2001 QS ₄₇	2001 08 19.0	21 53.55	-08 08.1	17.5	-1.01	- 2.1	1.9/20.2	15975
2000 GJ ₁₂₅	2001 08 19.0	21 53.59	-04 22.6	17.1	-0.70	- 7.3	2.9/21.9	16069
2000 GK ₁₂₇	2001 08 19.0	21 53.62	-11 15.4	18.3	-0.89	- 3.7	0.6/19.5	16069
2001 PG ₂	2001 08 19.0	21 53.71	-15 25.8	17.3	-0.73	- 7.1	0.8/18.2	15934
2000 FJ ₂₆	2001 08 19.1	21 53.71	-17 15.5	18.5	-0.94	- 5.4	1.6/17.8	16061
2000 DN ₁₅	2001 08 19.1	21 53.76	-14 33.1	18.5	-0.92	- 8.2	0.7/18.6	15687
2000 CN ₅₆	2001 08 19.1	21 53.79	-31 35.2	16.7	-0.95	- 1.1	5.8/14.3	16049
2001 OV ₉₁	2001 08 19.1	21 53.92	+09 17.1	18.3	-0.92	-18.7	9.5/28.2	15916
2086 P-L	2001 08 19.1	21 53.92	-08 22.5	17.6	-0.91	- 3.9	1.7/20.4	15985
1998 TV ₂₉	2001 08 19.1	21 53.93	+01 14.8	17.2	-0.86	- 6.4	6.6/24.0	16023
2001 LF ₇	2001 08 19.1	21 53.93	+04 42.8	17.0	-0.86	- 1.2	7.3/23.8	16098
2000 EA ₉₂	2001 08 19.1	21 53.96	-13 28.4	17.7	-0.99	- 2.7	0.3/19.0	16057
1998 XO ₅₀	2001 08 19.2	21 54.14	-11 23.7	17.7	-1.01	- 4.8	0.6/19.6	16027
2001 MS ₂₈	2001 08 19.2	21 54.16	+10 27.6	16.6	-0.67	-10.0	10.2/28.2	15844
2000 ET ₇₆	2001 08 19.2	21 54.17	-22 13.2	18.4	-1.00	- 6.1	3.7/16.5	15712
2001 MS ₈	2001 08 19.2	21 54.23	-12 31.6	16.7	-0.92	- 3.5	0.1/19.3	16100
2001 MK ₂₈	2001 08 19.2	21 54.25	-16 09.8	17.5	-0.83	- 5.9	1.4/18.2	16103
2000 GG ₁₂₀	2001 08 19.2	21 54.26	-13 02.2	19.8	-0.94	- 4.8	0.1/19.2	7026
1177 T-2	2001 08 19.2	21 54.30	+00 50.2	17.3	-0.87	- 7.2	5.2/23.4	16168
1999 CK ₃	2001 08 19.2	21 54.30	-01 38.6	18.2	-0.85	- 3.1	3.7/22.3	15620
1283 T-2	2001 08 19.2	21 54.34	-11 46.5	19.5	-0.72	- 3.9	0.2/19.6	16168

1997 GR ₁₁	2001 08 19.2	21 54.47	-03 49.7	17.5	-0.84	- 5.1	4.5/22.0	16009	2000 GW ₉₃	2001 08 19.9	21 57.03	-39 14.6	18.3	-1.06	- 3.1	8.7/12.0	1607
2001 QN ₆₁	2001 08 19.3	21 54.63	-10 06.9	18.7	-0.95	- 4.2	1.2/20.1	15979	2000 HC ₁₂	2001 08 20.0	21 57.00	-02 15.0	18.7	-0.85	- 5.1	3.4/23.1	16072
2001 QF ₁₄	2001 08 19.3	21 54.73	-22 27.7	17.4	-0.92	- 5.0	4.7/16.5	15964	2001 OP ₈₃	2001 08 20.0	21 57.07	-26 36.2	18.6	-1.12	- 6.0	4.7/15.8	15910
2000 HN ₁₀₀	2001 08 19.4	21 54.79	-25 43.6	17.6	-0.97	- 6.0	5.2/15.4	15082	1991 RG ₃	2001 08 20.0	21 57.07	-26 54.5	18.4	-1.01	+ 0.5	4.4/16.6	16000
1981 EE ₁₅	2001 08 19.4	21 54.85	-07 03.3	19.6	-0.84	- 3.4	1.8/21.0	15996	2001 PS ₂	2001 08 20.0	21 57.08	-16 05.4	18.6	-0.91	- 7.5	1.7/18.9	15935
2000 GA ₈₇	2001 08 19.4	21 54.91	-15 23.1	19.7	-0.92	- 6.3	0.9/18.6	1605	1998 DZ ₉	2001 08 20.0	21 57.10	-05 24.8	19.0	-0.72	- 6.1	2.1/22.3	16015
1999 CL ₁₂₆	2001 08 19.4	21 55.09	-34 57.2	18.0	-0.99	- 3.9	7.2/12.6	15631	2000 GJ ₉₆	2001 08 20.0	21 57.12	-19 19.3	18.0	-0.81	- 3.1	2.1/18.1	16067
2001 PC ₄₄	2001 08 19.4	21 55.13	-10 33.7	18.3	-0.98	- 4.3	1.1/20.0	15955	2001 NZ ₁₈	2001 08 20.0	21 57.17	+06 57.5	18.3	-0.85	- 3.5	6.3/25.7	15854
2000 GY ₁₆₃	2001 08 19.4	21 55.17	-41 25.7	16.9	-1.05	- 4.9	11.0/09.4	7028	2000 ED ₁₄₅	2001 08 20.0	21 57.17	-11 18.0	18.5	-1.04	- 3.9	0.5/20.3	16059
1996 GK ₅	2001 08 19.4	21 55.17	-18 00.1	18.9	-0.97	- 5.8	2.0/17.9	16007	2000 DB ₄	2001 08 20.0	21 57.17	-19 02.3	19.4	-0.96	- 6.6	2.5/18.1	15685
1995 EK ₁₀	2001 08 19.4	21 55.21	-02 36.9	17.6	-0.92	- 1.9	3.3/22.1	15569	2000 GW ₁₂₃	2001 08 20.0	21 57.31	-29 41.5	18.5	-0.84	- 3.6	4.9/15.0	16069
2000 EL ₁₂₂	2001 08 19.4	21 55.23	-06 06.8	18.8	-0.96	- 7.3	2.6/21.5	16058	2001 OU ₅₂	2001 08 20.0	21 57.31	-28 56.8	18.1	-0.82	- 5.0	5.6/14.8	15886
1999 BM ₂₆	2001 08 19.5	21 55.21	-12 45.6	18.9	-0.81	- 3.6	0.0/19.5	16031	1999 CM ₄₃	2001 08 20.0	21 57.31	-17 45.8	18.5	-0.89	- 4.4	1.7/18.5	16032
1999 FJ ₄₃	2001 08 19.5	21 55.22	-12 21.4	17.6	-0.72	- 7.3	0.1/19.6	15638	1993 QU ₄	2001 08 20.0	21 57.37	-08 07.2	16.5	-0.76	-10.7	1.7/21.6	16002
1997 HK ₁₁	2001 08 19.5	21 55.33	+04 35.7	19.1	-0.93	- 5.4	7.3/24.8	178	1998 XO	2001 08 20.0	21 57.40	-14 08.3	18.1	-0.91	- 3.8	0.6/19.6	16026
2000 JJ ₄₅	2001 08 19.5	21 55.41	-08 44.0	18.1	-0.86	- 4.8	1.4/20.7	16079	2001 OW ₉₁	2001 08 20.0	21 57.42	+10 55.5	17.4	-0.70	- 5.7	8.8/28.6	15916
2000 ET ₆₉	2001 08 19.5	21 55.43	-05 13.8	19.9	-0.88	- 7.3	2.6/21.9	724	2000 FY ₂₆	2001 08 20.1	21 57.46	-12 49.6	18.4	-0.97	- 6.5	0.1/20.0	16061
2000 HX ₈₅	2001 08 19.5	21 55.47	-13 04.1	18.8	-0.81	- 6.3	0.1/19.4	16076	1998 WL ₇	2001 08 20.1	21 57.53	+31 57.0	17.0	-1.23	+ 7.7	19.9/26.6	16025
2001 OT ₈₆	2001 08 19.5	21 55.49	-05 21.5	17.8	-0.67	- 6.9	3.6/22.0	15911	1996 TM ₁₁	2001 08 20.1	21 57.53	+08 19.5	17.6	-0.69	- 5.8	6.2/27.1	16008
2000 FG ₄₇	2001 08 19.5	21 55.52	-06 35.6	19.4	-0.82	- 8.4	1.9/21.6	1590	2000 DM ₇₄	2001 08 20.1	21 57.59	-11 34.0	18.5	-0.99	- 4.3	0.3/20.4	40467
2001 OJ ₃₂	2001 08 19.6	21 55.56	-19 09.4	18.4	-1.09	- 2.6	2.9/18.0	15874	2000 ER	2001 08 20.1	21 57.61	-19 27.2	17.6	-0.92	- 3.1	2.9/18.3	16054
2001 OX ₁₀₅	2001 08 19.6	21 55.66	-05 17.6	17.3	-1.05	+ 1.4	3.3/21.2	16126	2000 GD ₇₅	2001 08 20.1	21 57.66	-28 31.7	18.1	-0.88	- 3.0	5.6/15.5	16066
2001 QM ₆₁	2001 08 19.6	21 55.74	-08 58.3	17.4	-1.05	- 2.3	1.6/20.5	15979	2000 GY ₈₄	2001 08 20.1	21 57.67	-26 45.7	16.8	-0.76	-10.0	5.8/14.9	15075
2000 GC ₁₅₆	2001 08 19.6	21 55.81	-25 49.8	17.8	-0.95	+ 0.5	5.0/16.5	15762	2000 DP ₈	2001 08 20.1	21 57.80	-05 25.1	18.2	-0.88	- 8.1	2.9/22.4	15686
2001 PP ₂	2001 08 19.6	21 55.87	-20 08.5	17.3	-0.89	- 4.7	3.2/17.5	15935	2000 KW ₁₄	2001 08 20.2	21 57.75	-23 08.9	18.0	-0.79	- 3.8	3.6/17.0	15806
1994 PQ ₂₈	2001 08 19.6	21 55.94	-15 32.5	17.2	-1.08	- 0.6	1.4/19.0	15568	1990 RF ₇	2001 08 20.2	21 57.79	-14 45.0	17.9	-0.77	- 4.7	0.8/19.5	15560
1998 DD ₂	2001 08 19.6	21 55.95	-17 17.4	21.4	-0.85	- 2.8	1.3/18.4	31800	2000 AO ₂₄₂	2001 08 20.2	21 57.87	-30 10.7	19.0	-1.07	-20.3	7.5/13.1	15664
3144 T-3	2001 08 19.6	21 55.96	-07 02.7	18.8	-0.83	- 6.0	2.3/21.4	16170	1997 SW ₁₇	2001 08 20.2	21 57.93	-32 49.3	19.2	-1.04	+ 1.5	9.4/15.3	15586
2000 HZ ₇	2001 08 19.7	21 56.10	-06 21.5	18.8	-0.92	- 5.9	2.4/21.6	5747	2000 DF ₁₁₂	2001 08 20.2	21 57.94	-18 03.9	17.8	-0.83	- 8.9	2.2/18.4	15699
2001 MT ₈	2001 08 19.7	21 56.17	-25 39.4	17.8	-0.87	-10.1	4.8/15.1	15835	2000 HM ₆₇	2001 08 20.2	21 57.97	-17 03.1	18.2	-0.87	- 4.3	1.8/18.9	15781
2000 CJ ₇₈	2001 08 19.7	21 56.18	-12 32.7	17.1	-0.89	- 2.9	0.0/19.8	16050	1997 TK ₂₄	2001 08 20.2	21 58.01	-11 49.4	18.2	-0.88	- 3.2	0.2/20.4	16012
1997 WN ₂₈	2001 08 19.7	21 56.32	+29 56.1	18.8	-0.82	- 1.7	15.4/04.6	16013	2001 KV ₆₇	2001 08 20.2	21 58.11	-13 47.5	16.2	-0.51	-18.0	0.7/19.7	16097
1992 AR ₂	2001 08 19.8	21 56.27	-14 52.1	18.9	-0.96	- 6.2	1.0/19.1	15562	1998 XM ₇₃	2001 08 20.2	21 58.12	-24 33.9	17.5	-0.98	- 3.7	4.1/16.9	16027
2001 PY ₂	2001 08 19.8	21 56.28	-00 07.4	16.5	-0.93	- 1.0	4.9/22.9	15935	2001 QC ₅₆	2001 08 20.2	21 58.13	-17 24.9	17.9	-1.11	+ 1.4	2.0/19.2	15978
2001 ON ₄₇	2001 08 19.8	21 56.29	-14 31.9	17.6	-0.77	- 9.7	0.8/19.1	16116	1999 CO ₁₂₇	2001 08 20.2	21 58.17	-31 54.0	18.5	-0.79	- 5.8	5.0/13.8	16035
2000 AE ₆₂	2001 08 19.8	21 56.29	+05 29.7	16.3	-1.38	+ 5.9	8.3/22.9	16045	1998 QL ₁₀₃	2001 08 20.3	21 58.16	-19 43.7	17.9	-1.03	- 6.2	3.0/18.2	16018
2000 GK ₈₃	2001 08 19.8	21 56.37	-02 46.5	19.0	-0.81	- 9.5	3.5/23.2	16066	2000 AS ₁₂₄	2001 08 20.3	21 58.19	-01 46.3	18.5	-1.02	- 3.3	4.0/23.2	15659
1995 BE	2001 08 19.8	21 56.44	-15 01.7	19.7	-0.85	- 5.9	0.8/19.1	1416	2001 MW ₁₈	2001 08 20.3	21 58.27	+02 30.4	17.5	-0.76	- 4.8	6.2/25.0	15839
2001 PA	2001 08 19.8	21 56.50	-23 31.2	17.6	-1.14	- 0.2	5.1/17.4	16127	2001 QS ₁	2001 08 20.3	21 58.27	-09 11.8	18.4	-1.02	- 5.0	1.4/21.2	15958
2230 P-L	2001 08 19.8	21 56.65	+00 40.3	18.3	-0.80	- 7.0	5.1/24.2	2801	2001 MA ₁₉	2001 08 20.3	21 58.29	+11 24.6	17.5	-0.76	- 2.1	8.2/27.3	16102
2001 PE ₃₁	2001 08 19.8	21 56.66	+07 19.8	19.3	-0.79	- 5.6	6.7/26.3	15951	1992 HO	2001 08 20.3	21 58.30	-13 20.4	18.9	-0.91	- 6.1	0.4/20.1	16001
1999 CE ₅	2001 08 19.8	21 56.67	-16 55.6	18.1	-0.89	- 3.8	1.6/18.7	16031	1999 CQ ₁₀₀	2001 08 20.3	21 58.32	-20 47.0	18.3	-0.73	- 6.0	2.5/17.6	16034
2000 FP ₃₅	2001 08 19.9	21 56.64	-15 41.9	17.0	-0.80	- 6.7	1.3/18.9	16062	1997 YD ₁₄	2001 08 20.3	21 58.37	-08 29.5	19.0	-0.79	- 2.6	1.1/21.4	15590
2001 OQ ₁₀₇	2001 08 19.9	21 56.70	-21 01.8	17.1	-0.85	- 6.4	3.8/17.2	15931	2001 OR ₂	2001 08 20.3	21 58.38	+13 08.0	17.2	-1.01	+ 0.8	10.7/27.2	16108
2000 CU ₃₂	2001 08 19.9	21 56.70	-10 58.9	19.7	-0.97	- 5.4	0.6/20.4	15671	2000 CO ₆₆	2001 08 20.3	21 58.40	-20 15.1	18.3	-0.99	- 2.9	3.1/18.3	15678
2001 PC ₂₃	2001 08 19.9	21 56.71	-20 44.7	18.2	-0.78	- 9.2	3.0/17.1	15948	2000 DD ₈₁	2001 08 20.3	21 58.41	-20 04.7	18.1	-0.98	- 7.4	3.3/18.0	16053
2000 HW ₂₂	2001 08 19.9	21 56.75	-08 51.9	17.8	-0.89	- 3.6	1.4/20.9	15771	2001 OB ₅₃	2001 08 20.3	21 58.43	-29 05.0	17.4	-0.83	-10.3	6.3/14.2	15886
2001 PG ₃₁	2001 08 19.9	21 56.77	+07 30.0	19.2	-1.01	- 1.3	8.2/24.9	15951	2000 AC ₁₆₈	2001 08 20.3	21 58.47	-25 47.4	17.7	-0.89	- 8.1	4.6/16.0	16046
1997 RH ₉	2001 08 19.9	21 56.78	-28 23.7	17.1	-1.13	+10.5	9.0/18.0	16011	2000 EC ₆₄	2001 08 20.3	21 58.55	-18 03.7	17.0	-0.95	- 3.0	2.8/18.9	16056
1998 UJ ₈	2001 08 19.9	21 56.96	-06 29.7	17.7	-0.94	- 6.2	2.6/21.7	16023	1996 XO ₃₂	2001 08 20.4	21 58.49	+11 47.3	18.8	-1.33	+ 3.6	11.5/24.9	15581
2000 JR ₁₁	2001 08 19.9	21 57.01	-32 22.4	18.1	-0.98	- 3.1	6.2/14.2	16077	2000 EL ₃₉	2001 08 20.4	21 58.49	-20 55.4	17.5	-1.04	- 2.6	3.4/18.2	16055

1998 SO ₅₀	2001 08 20.4	21 58.53	-18 06.1	18.6	-1.00	- 3.9	2.0/18.9	16020	2000 HR ₈₇	2001 08 20.9	22 00.45	-31 57.5	18.3	-0.94	- 4.1	6.7/14.9	1638
2000 EW ₆₈	2001 08 20.4	21 58.58	-08 43.5	19.2	-0.85	- 6.8	1.3/21.5	40165	1997 GC ₃₀	2001 08 20.9	22 00.48	-29 23.0	17.3	-0.92	- 5.1	8.5/15.7	15582
1997 TM ₂₄	2001 08 20.4	21 58.60	-09 47.6	17.6	-0.75	-10.3	0.9/21.3	15586	2000 EX ₃₂	2001 08 20.9	22 00.50	-15 56.4	16.5	-0.83	- 9.8	1.7/19.7	16054
2000 GO ₆₅	2001 08 20.4	21 58.61	-12 46.7	19.8	-0.94	- 4.9	0.1/20.3	16065	1999 FK ₁₆	2001 08 20.9	22 00.53	+04 17.3	20.7	-0.55	- 4.3	3.2/26.6	35735
2000 EV ₁₁₀	2001 08 20.4	21 58.62	-21 55.3	18.8	-0.97	- 4.8	3.6/17.7	16058	2001 ON ₈₃	2001 08 20.9	22 00.59	-29 42.9	18.3	-0.86	- 2.8	5.4/15.8	15910
1993 TD ₁₁	2001 08 20.4	21 58.73	-08 29.4	17.9	-0.85	- 3.9	1.7/21.5	15566	2001 KW ₆₆	2001 08 20.9	22 00.66	+17 47.4	16.6	-0.71	-17.0	12.6/04.3	16097
1999 CP ₉₈	2001 08 20.4	21 58.78	-15 33.0	18.3	-0.84	- 9.4	1.1/19.4	15629	1999 AE ₂₁	2001 08 20.9	22 00.67	-26 04.5	17.0	-0.88	-12.6	5.7/15.7	16029
2000 EX ₁₁₀	2001 08 20.4	21 58.88	-21 24.7	18.9	-0.98	- 6.0	3.6/17.8	16058	1998 VX ₂₈	2001 08 20.9	22 00.75	-01 33.5	17.5	-0.98	- 2.7	4.9/23.8	15603
1999 AT ₃	2001 08 20.5	21 58.86	-24 19.4	18.1	-0.84	- 6.1	4.1/16.7	16029	2001 OH ₄₇	2001 08 21.0	22 00.80	-16 29.9	17.1	-0.67	- 8.6	1.7/19.5	15883
1999 BH ₂₅	2001 08 20.5	21 58.89	-00 09.0	18.1	-0.88	- 3.9	4.1/23.9	16031	2000 AU ₁₅₂	2001 08 21.0	22 00.84	+17 54.8	19.2	-1.11	- 1.2	10.4/29.8	38882
2001 OF ₄₇	2001 08 20.5	21 58.91	-13 03.5	17.7	-1.04	- 0.1	0.3/20.3	15883	2001 QO ₇₃	2001 08 21.0	22 00.85	-04 57.9	17.1	-0.79	- 3.1	4.0/23.1	15982
2000 EY ₄₇	2001 08 20.5	21 59.02	-07 44.0	17.3	-0.91	- 6.1	1.7/21.9	16055	2000 EO ₁₇₇	2001 08 21.0	22 01.02	+05 52.2	17.2	-0.77	- 7.3	6.7/27.3	16060
2001 PV ₂₁	2001 08 20.5	21 59.05	-10 51.8	18.6	-0.91	- 6.5	0.7/21.0	15947	2001 MD ₁₉	2001 08 21.0	22 01.05	+07 19.8	17.2	-0.72	- 8.6	8.2/28.3	15840
2000 CB ₂	2001 08 20.5	21 59.08	-19 23.3	17.8	-0.95	- 6.8	2.7/18.4	16048	1998 VC ₄₇	2001 08 21.0	22 01.14	-15 42.7	20.8	-0.94	- 4.9	1.2/20.1	3267
2001 OC ₉₇	2001 08 20.5	21 59.12	-17 53.1	17.9	-0.91	- 3.5	2.4/19.0	15922	1999 GB ₅	2001 08 21.1	22 01.08	-22 43.3	18.2	-0.75	- 5.8	2.8/17.7	16037
2000 GS ₁₅₉	2001 08 20.5	21 59.16	-24 54.6	18.2	-1.07	- 0.8	4.4/17.5	15763	2001 OR ₁₀₇	2001 08 21.1	22 01.11	-20 50.2	17.1	-0.81	- 3.1	3.0/18.6	15931
2001 OD ₉₇	2001 08 20.5	21 59.21	-16 10.7	17.7	-0.83	- 2.7	1.3/19.5	16124	2000 HS ₇₄	2001 08 21.1	22 01.12	-17 38.3	18.7	-0.90	- 5.6	2.0/19.5	1317
1999 EA ₃	2001 08 20.5	21 59.22	-27 38.0	17.7	-0.88	- 1.3	4.3/16.4	16035	2001 OH ₅₅	2001 08 21.1	22 01.21	-28 24.1	18.3	-0.91	- 2.9	6.6/16.4	15888
2000 GK ₅₃	2001 08 20.5	21 59.22	-10 51.7	20.5	-0.93	- 5.2	0.5/21.0	16065	2000 GT ₉₂	2001 08 21.1	22 01.21	-17 30.8	18.5	-0.97	- 5.3	1.9/19.6	2768
1994 XP ₄	2001 08 20.5	21 59.23	-13 56.1	19.1	-0.90	- 3.9	0.5/20.1	611	2000 GG ₇₄	2001 08 21.1	22 01.31	-20 54.5	18.2	-0.93	- 4.0	3.2/18.7	15748
2000 DG ₄₉	2001 08 20.5	21 59.25	-12 15.7	18.0	-0.84	- 7.5	0.0/20.6	16052	1997 SL ₁₀	2001 08 21.1	22 01.36	-08 08.2	17.4	-0.82	- 6.3	1.7/22.4	16011
2000 FM ₅₉	2001 08 20.6	21 59.30	-14 13.7	18.4	-0.93	- 9.1	0.8/20.0	15735	2000 JV ₃₀	2001 08 21.1	22 01.37	+07 22.1	20.2	-0.85	- 4.0	5.8/27.1	16078
2001 PG ₂₁	2001 08 20.6	21 59.33	-21 28.9	18.6	-0.90	- 3.1	3.3/18.1	15947	2000 GV ₁₃₅	2001 08 21.1	22 01.39	-21 28.2	18.5	-0.84	- 6.2	3.2/18.2	15759
2000 EF ₃₇	2001 08 20.6	21 59.37	-04 48.2	18.8	-0.93	- 7.9	2.9/23.0	16055	1998 XT ₄₇	2001 08 21.1	22 01.48	-26 51.0	18.8	-0.99	- 3.5	5.3/17.0	16027
1993 QU ₅	2001 08 20.6	21 59.51	-06 07.9	17.7	-0.65	-10.5	2.9/22.9	15565	2000 JV ₂₅	2001 08 21.1	22 01.50	-23 02.8	18.9	-0.99	- 4.0	3.9/18.1	16078
2000 FC ₂₆	2001 08 20.6	21 59.58	-28 48.0	17.3	-1.00	- 1.5	6.3/16.4	15730	2000 DT ₉₄	2001 08 21.1	22 01.52	-17 35.7	17.2	-1.11	+ 1.8	2.4/20.1	15697
2000 DT ₂₇	2001 08 20.6	21 59.61	-08 20.5	17.2	-0.83	-10.2	1.7/22.0	15688	2001 OY ₉₆	2001 08 21.2	22 01.45	-21 45.9	18.5	-0.76	- 6.1	2.9/18.1	15922
2000 HG ₁₆	2001 08 20.6	21 59.65	-23 05.8	18.3	-0.89	- 4.2	3.8/17.5	15769	2001 OC ₈	2001 08 21.2	22 01.45	-02 45.1	17.7	-0.86	- 1.7	3.2/23.7	15861
2000 EO ₁₅	2001 08 20.7	21 59.60	-26 27.6	17.4	-0.94	- 4.8	6.4/16.5	16054	1999 CU ₁	2001 08 21.2	22 01.52	-20 32.3	18.6	-0.94	- 4.2	2.8/18.8	16031
2000 KO ₇₅	2001 08 20.7	21 59.65	-17 46.0	18.9	-0.73	- 6.8	1.7/18.9	15813	2001 QT ₁₄	2001 08 21.2	22 01.63	-17 20.8	17.9	-0.82	- 7.1	2.5/19.5	15965
2001 PR ₂	2001 08 20.7	21 59.67	-15 47.3	17.9	-0.66	- 3.2	0.9/19.7	15935	2000 GQ ₁₄₃	2001 08 21.2	22 01.67	-18 01.7	18.1	-0.96	- 7.0	2.3/19.4	16070
2000 GE ₉₁	2001 08 20.7	21 59.80	-43 37.0	18.8	-1.09	- 2.1	10.2/11.2	1606	2001 OF ₆	2001 08 21.2	22 01.73	+05 56.8	18.0	-0.97	- 0.1	6.9/25.7	16108
2000 BJ ₂₇	2001 08 20.7	21 59.87	-12 28.1	17.0	-1.03	- 3.3	0.1/20.7	16048	2001 LN ₁₉	2001 08 21.2	22 01.74	+02 10.4	18.1	-0.96	- 0.8	5.1/24.8	15834
2000 FO ₂₀	2001 08 20.7	21 59.91	-09 07.3	17.6	-0.75	-10.2	1.1/21.9	15728	1998 AN ₆	2001 08 21.2	22 01.75	-23 24.5	18.5	-0.75	- 5.9	3.4/17.6	16014
2001 OD ₂₅	2001 08 20.7	22 00.02	-00 38.3	17.3	-0.96	+ 1.3	5.3/23.4	15872	2000 FF ₃	2001 08 21.2	22 01.82	-33 42.1	17.7	-1.07	- 0.1	8.5/15.9	15726
2001 QU	2001 08 20.7	22 00.04	-09 44.9	19.0	-0.79	- 4.5	0.9/21.5	15958	1999 CH ₃₄	2001 08 21.3	22 01.87	-13 37.5	18.7	-0.75	- 4.6	0.5/20.8	16032
1985 CU ₁	2001 08 20.8	21 59.96	-08 41.5	16.7	-1.37	+ 3.5	1.4/21.4	15997	2000 CJ ₃₈	2001 08 21.3	22 01.89	-13 37.7	19.2	-0.96	- 6.7	0.6/20.8	3926
2001 OK ₉₈	2001 08 20.8	22 00.17	-19 16.2	17.7	-0.96	- 3.9	3.0/18.9	15923	1992 BC ₃	2001 08 21.3	22 01.91	-07 01.3	20.0	-1.00	- 2.4	1.7/22.6	16000
2001 OC ₉	2001 08 20.8	22 00.18	-00 46.9	18.1	-0.80	- 2.3	3.8/24.0	16109	1998 SN ₈	2001 08 21.3	22 01.95	-06 19.3	19.2	-0.94	- 7.6	2.5/23.1	16020
2001 QD ₆	2001 08 20.8	22 00.21	-12 45.2	17.7	-0.81	- 7.6	0.3/20.7	15960	2000 GV ₅₉	2001 08 21.3	22 01.95	-20 06.3	19.7	-0.87	- 3.9	2.4/19.0	1599
1995 MN ₄	2001 08 20.8	22 00.22	-05 37.9	19.0	-0.68	- 6.3	2.2/23.0	15570	1999 CE ₂₀	2001 08 21.3	22 01.96	-27 10.3	19.0	-0.88	- 4.4	4.6/16.7	16032
2000 EH ₂₉	2001 08 20.8	22 00.28	-07 57.3	16.9	-0.93	- 1.4	1.9/22.0	16054	2000 JQ ₂₄	2001 08 21.3	22 02.00	-23 43.1	18.6	-1.08	- 2.5	4.3/18.3	16078
2001 MO ₁₄	2001 08 20.8	22 00.28	-14 09.2	17.8	-0.68	-10.4	1.0/20.2	16101	2001 OP ₄₇	2001 08 21.3	22 02.07	-07 26.7	17.7	-0.97	- 1.5	1.5/22.5	16116
2000 HJ ₁₀₀	2001 08 20.8	22 00.31	-25 08.4	18.4	-0.88	- 5.2	5.0/16.9	15787	1999 BW ₈	2001 08 21.3	22 02.16	-14 35.1	18.1	-0.82	-10.1	0.9/20.5	15616
2001 PJ ₂₁	2001 08 20.8	22 00.32	-20 32.4	18.4	-0.95	- 3.1	3.7/18.5	15947	2000 EZ ₁₂₆	2001 08 21.3	22 02.17	-17 31.6	17.6	-0.85	- 6.8	2.1/19.7	16058
1995 UW ₄	2001 08 20.9	22 00.33	-30 24.4	16.1	-1.04	- 2.9	9.1/15.7	16006	2001 PQ ₂₁	2001 08 21.3	22 02.18	-15 53.9	19.1	-0.81	- 4.3	1.2/20.2	15947
2000 GN ₇₁	2001 08 20.9	22 00.35	-05 07.8	17.7	-0.91	- 7.0	2.9/23.1	3932	2000 HW ₇	2001 08 21.4	22 02.19	-20 48.5	18.1	-0.87	- 4.3	3.1/18.8	15766
2001 OC ₆₈	2001 08 20.9	22 00.36	-14 30.3	16.0	-1.06	+ 1.3	1.2/20.4	15895	1999 BY ₂	2001 08 21.4	22 02.26	-17 40.5	18.2	-0.80	- 8.9	1.7/19.5	16030
2000 GK ₃₂	2001 08 20.9	22 00.39	+05 37.2	17.2	-0.68	- 9.2	7.3/27.5	16064	2000 FB ₁₉	2001 08 21.4	22 02.30	-18 34.1	17.8	-0.85	-11.0	2.6/19.1	16061
2001 QM ₆	2001 08 20.9	22 00.39	-10 28.2	17.3	-0.77	- 4.4	0.6/21.4	15960	2000 HE ₆₅	2001 08 21.4	22 02.36	-14 43.6	18.6	-0.87	- 5.2	0.9/20.6	1635
2000 HH ₂₁	2001 08 20.9	22 00.41	-14 05.2	17.8	-0.90	- 8.8	0.7/20.3	15770	2001 OB ₉₈	2001 08 21.4	22 02.50	-10 53.4	17.9	-1.61	+ 8.6	0.6/21.6	15923

2000 DK ₁₂	2001 08 21.4	22 02.59	-10 09.9	17.0	-0.78	- 7.0	0.9/22.1	16051	2000 GZ ₈₄	2001 08 22.0	22 04.49	-29 59.8	18.7	-0.86	- 6.5	6.4/16.0	15750
2001 OM ₈₃	2001 08 21.4	22 02.59	-27 59.5	17.0	-0.78	- 8.4	5.6/15.7	15910	2000 HY ₈₄	2001 08 22.0	22 04.50	-09 01.0	18.0	-0.93	- 2.9	1.0/22.8	15785
2000 CW ₁₈	2001 08 21.5	22 02.59	-06 36.8	16.4	-0.97	- 1.9	2.9/22.9	16048	2000 CC ₆₄	2001 08 22.0	22 04.50	-14 04.2	17.7	-0.94	- 0.9	0.7/21.5	15677
1998 YS ₇	2001 08 21.5	22 02.69	-13 44.1	15.5	-1.59	+ 7.8	0.8/21.3	16028	2001 MT ₂₃	2001 08 22.0	22 04.56	-04 31.8	17.4	-1.03	+ 1.1	3.0/24.0	16103
2000 GL ₁₀₈	2001 08 21.5	22 02.70	-09 00.3	18.3	-0.90	- 7.4	1.0/22.5	16068	2001 KX ₆₆	2001 08 22.0	22 04.65	+06 08.8	16.5	-0.78	-20.8	7.4/29.9	16097
1999 BA ₂₈	2001 08 21.5	22 02.71	-10 57.0	20.0	-0.76	- 4.8	0.3/21.9	15619	2000 EJ ₈₇	2001 08 22.0	22 04.65	-12 27.1	18.5	-0.96	- 3.7	0.2/21.9	16057
2000 HJ ₄₉	2001 08 21.5	22 02.83	-17 24.6	19.3	-0.96	- 5.1	1.9/20.0	16074	2001 QP ₅₉	2001 08 22.0	22 04.69	-17 50.9	17.6	-0.82	- 3.0	2.1/20.4	15978
2001 OT ₄₇	2001 08 21.5	22 02.93	-07 05.2	17.3	-0.87	- 5.1	1.7/23.0	16116	1997 UW ₅	2001 08 22.0	22 04.72	-24 16.7	18.2	-0.93	- 3.7	4.2/18.4	15587
2000 GG ₁₁₆	2001 08 21.5	22 02.99	-20 18.6	17.0	-0.84	- 5.8	3.6/19.0	16069	2000 EK ₁₀₅	2001 08 22.0	22 04.73	-30 12.7	17.5	-0.94	- 5.0	7.5/16.3	15716
1998 SU ₁₂₃	2001 08 21.5	22 03.01	-18 59.7	18.3	-1.02	- 3.2	3.6/19.7	16022	2000 HZ ₁₀₃	2001 08 22.0	22 04.77	-12 39.8	18.2	-0.83	- 9.6	0.3/21.8	16076
2000 GS ₅₉	2001 08 21.6	22 02.94	-17 02.4	17.6	-0.87	- 4.3	1.9/20.1	16065	2000 GJ ₁₀₂	2001 08 22.0	22 04.78	+01 36.2	18.2	-0.80	- 6.8	4.9/26.5	15754
1999 CN ₃₅	2001 08 21.6	22 02.96	-23 48.3	19.1	-0.87	- 7.8	3.6/17.7	15623	2000 EJ ₉₇	2001 08 22.0	22 04.81	-00 52.3	18.2	-0.93	- 5.7	4.3/25.3	16057
2001 OW ₂₃	2001 08 21.6	22 03.00	+22 21.8	16.6	-1.38	+18.3	19.4/20.9	16112	2000 EG ₅₆	2001 08 22.0	22 04.84	-08 15.1	18.9	-0.85	- 7.2	1.3/23.2	2757
1998 XH ₁₂	2001 08 21.6	22 03.03	-20 03.7	17.8	-0.92	- 4.9	2.8/19.3	16027	2000 GX ₇₅	2001 08 22.1	22 05.06	-32 32.3	19.6	-1.02	- 2.5	6.7/16.3	16066
2000 GH ₁₆₂	2001 08 21.6	22 03.10	-36 00.5	18.4	-0.87	- 9.6	7.6/12.7	16071	1999 BH ₁	2001 08 22.1	22 05.10	-03 39.8	18.7	-1.02	- 2.9	3.8/24.0	6221
2001 OQ ₁₀₂	2001 08 21.6	22 03.13	-05 00.5	17.8	-0.95	- 1.7	3.2/23.4	16125	1998 DU ₁₀	2001 08 22.1	22 05.12	-26 12.1	17.3	-0.85	- 3.3	4.8/17.9	16015
2000 EX ₅₇	2001 08 21.6	22 03.28	+07 12.2	19.5	-0.81	-13.4	6.9/29.1	15710	1998 TL ₂₈	2001 08 22.1	22 05.12	-14 29.1	19.4	-1.01	- 4.5	1.1/21.4	16023
1996 EZ ₄	2001 08 21.6	22 03.31	-13 49.1	19.0	-0.96	- 4.3	0.7/21.2	16006	2000 HN ₇	2001 08 22.1	22 05.16	-14 47.5	19.0	-0.89	- 5.1	1.0/21.3	16071
1997 WF ₂	2001 08 21.7	22 03.34	-04 19.8	18.0	-0.78	- 4.4	2.3/24.0	16013	1998 XC ₅₀	2001 08 22.1	22 05.17	-27 01.2	17.7	-0.90	- 4.2	5.0/17.6	16027
2000 HK ₃₆	2001 08 21.7	22 03.39	-07 08.9	17.8	-0.78	- 9.1	1.6/23.3	16073	1998 YA	2001 08 22.1	22 05.19	-10 53.8	17.9	-0.95	- 5.0	0.4/22.4	16028
1997 VW ₈	2001 08 21.7	22 03.50	+06 16.4	17.6	-0.79	- 4.2	7.5/27.4	16013	1998 XD ₁₄	2001 08 22.1	22 05.20	-33 13.6	18.7	-0.97	- 5.4	7.3/15.4	16027
2001 OS ₁₄	2001 08 21.7	22 03.53	-11 30.2	17.0	-0.96	- 0.8	0.1/21.9	15866	1999 XJ ₁₆₄	2001 08 22.1	22 05.25	+13 35.8	17.6	-1.22	+ 0.8	9.6/28.7	16044
2001 OA ₉₇	2001 08 21.7	22 03.60	-21 36.2	17.6	-0.82	- 5.3	4.4/18.7	15922	2000 KO ₄₇	2001 08 22.2	22 05.32	-23 05.7	17.2	-0.72	- 7.1	3.1/18.4	16083
1995 DS	2001 08 21.7	22 03.61	+07 52.6	19.1	-0.89	- 2.5	6.6/27.5	6724	6265 P-L	2001 08 22.2	22 05.40	-16 55.1	18.0	-1.03	- 2.3	2.1/20.9	16167
2000 JF ₄₃	2001 08 21.7	22 03.66	-17 15.1	18.7	-0.97	- 5.5	1.9/20.2	16079	2000 HG ₄₈	2001 08 22.2	22 05.40	-17 36.7	18.8	-0.95	- 4.9	2.0/20.6	16074
2000 KJ ₇	2001 08 21.7	22 03.67	+07 04.7	17.0	-0.71	- 4.5	6.3/27.9	16081	2001 MZ ₂₃	2001 08 22.2	22 05.47	+03 29.1	15.9	-1.42	+12.0	7.9/23.6	15842
1994 PS ₂₂	2001 08 21.7	22 03.71	-16 06.1	18.2	-0.91	+ 0.3	2.3/20.8	15568	2001 PF ₁₈	2001 08 22.3	22 05.50	-22 10.5	18.1	-0.97	- 0.2	3.5/19.7	15946
2001 ML ₁₄	2001 08 21.7	22 03.71	-19 58.9	16.9	-0.69	-13.5	3.5/18.6	16101	2000 FR ₃₀	2001 08 22.3	22 05.51	-15 51.0	19.4	-0.94	- 5.6	1.4/21.1	744
2000 GU ₉₉	2001 08 21.7	22 03.73	-04 26.4	17.3	-0.82	- 5.0	3.0/24.1	16068	2000 FD ₄₀	2001 08 22.3	22 05.57	-30 34.0	16.2	-0.93	- 3.0	8.3/16.6	15732
2000 ES ₈₄	2001 08 21.8	22 03.69	-02 13.8	18.6	-0.94	- 6.9	3.7/24.8	16056	1993 TT ₁₇	2001 08 22.3	22 05.59	-15 30.9	18.0	-0.88	- 4.0	1.7/21.2	15566
2000 JT ₁₂	2001 08 21.8	22 03.75	-20 45.9	19.1	-0.80	- 3.3	2.9/19.2	15790	2001 PO ₃₅	2001 08 22.3	22 05.61	+10 14.4	18.4	-0.94	- 3.2	9.2/28.7	15953
2000 CV ₄₉	2001 08 21.8	22 03.76	-04 25.8	18.5	-0.88	- 8.5	2.7/24.3	40451	2000 JY ₄₄	2001 08 22.3	22 05.63	-11 18.2	19.8	-0.76	- 4.6	0.1/22.5	16079
2000 EU ₁₃₄	2001 08 21.8	22 03.86	-10 17.8	18.2	-0.81	- 7.3	0.5/22.4	16059	2000 GY ₅₄	2001 08 22.3	22 05.64	-14 08.0	20.7	-0.96	- 4.7	0.8/21.6	7022
4088 P-L	2001 08 21.8	22 04.00	-10 36.2	19.1	-0.91	- 4.1	0.4/22.2	16167	2001 QL ₆	2001 08 22.3	22 05.67	-12 55.1	17.8	-0.87	- 2.2	0.5/22.0	15960
2000 DH ₆₉	2001 08 21.8	22 04.01	-14 20.3	17.8	-1.05	- 2.3	1.0/21.3	16052	1998 VH ₃₃	2001 08 22.3	22 05.79	-19 43.6	16.7	-0.85	- 5.1	4.1/19.9	16025
2000 EA ₅₀	2001 08 21.8	22 04.01	-28 08.1	17.6	-1.11	+ 2.1	7.0/18.4	7011	2000 DP ₆₄	2001 08 22.3	22 05.82	-12 19.3	18.0	-1.05	- 2.2	0.3/22.2	15692
1993 NU	2001 08 21.8	22 04.05	-09 58.3	20.2	-0.92	- 5.8	0.6/22.4	6714	2000 AE ₂₄₀	2001 08 22.3	22 05.88	-10 56.4	17.7	-1.04	- 3.2	0.3/22.6	16047
2001 OD ₆₃	2001 08 21.8	22 04.07	-10 47.1	17.5	-0.63	- 9.7	0.5/22.3	15892	2000 JU ₂₈	2001 08 22.3	22 05.94	-27 48.4	16.4	-0.93	- 1.3	5.7/18.0	16078
2001 MU ₁₄	2001 08 21.8	22 04.09	-10 17.5	16.5	-0.90	- 1.4	0.7/22.3	15838	2000 GH ₇₇	2001 08 22.3	22 05.95	-28 11.7	18.7	-0.93	- 3.1	6.0/17.6	16066
2001 OO ₉₇	2001 08 21.9	22 04.08	-19 22.7	17.5	-0.84	- 4.5	3.6/19.7	15922	2000 HQ ₇₅	2001 08 22.4	22 05.93	-13 17.4	18.3	-0.76	- 5.3	0.5/21.9	16075
2000 DH ₂₈	2001 08 21.9	22 04.17	-13 03.5	17.7	-0.95	- 4.6	0.5/21.6	16051	2000 CR ₅₀	2001 08 22.4	22 06.09	-08 23.6	18.0	-1.03	- 4.9	1.5/23.4	16049
1994 PK ₂₁	2001 08 21.9	22 04.30	-14 14.9	17.4	-0.95	- 2.3	1.2/21.3	16004	2000 EB ₁₇₅	2001 08 22.4	22 06.16	-21 10.3	18.7	-0.92	- 7.2	3.8/19.5	15725
2000 AD ₂₁₂	2001 08 21.9	22 04.30	-12 56.4	16.7	-0.83	-11.0	0.5/21.6	16047	2000 GC ₈₈	2001 08 22.4	22 06.18	-28 43.4	18.4	-0.93	- 3.5	5.8/17.5	15751
1998 SD ₆₃	2001 08 21.9	22 04.30	-00 10.5	18.4	-0.92	- 5.5	4.6/25.4	16021	2000 CF ₇₀	2001 08 22.4	22 06.22	-08 27.4	18.0	-0.98	- 4.4	1.2/23.4	16050
2001 QE ₇	2001 08 21.9	22 04.32	-10 00.2	17.9	-1.08	+ 0.2	0.9/22.4	15960	2001 OG ₇₇	2001 08 22.5	22 06.28	-13 21.5	18.4	-0.95	- 6.6	0.7/22.0	15906
2000 FU ₄₂	2001 08 21.9	22 04.40	-17 05.6	18.3	-0.96	- 5.0	1.9/20.5	15733	2001 PD ₅	2001 08 22.5	22 06.29	-22 42.6	18.7	-0.90	- 1.8	3.5/19.5	15936
2000 GW ₉₄	2001 08 21.9	22 04.46	-11 32.6	20.3	-0.93	- 4.9	0.1/22.1	16067	2000 JO ₅₉	2001 08 22.5	22 06.31	+06 43.7	17.9	-0.95	- 3.6	6.8/27.8	16080
2001 OA ₈	2001 08 22.0	22 04.40	-00 22.3	17.3	-0.91	- 2.7	5.5/25.1	16109	1997 TS ₂₆	2001 08 22.5	22 06.50	-28 09.0	17.1	-0.95	- 3.0	6.1/17.7	16012
2000 HX ₄	2001 08 22.0	22 04.44	-22 02.3	18.6	-0.84	- 5.4	3.5/18.9	15765	2000 JL ₄₅	2001 08 22.5	22 06.51	-09 01.9	18.8	-0.78	- 4.5	0.8/23.3	15797
2001 MV ₁₈	2001 08 22.0	22 04.47	+01 17.4	17.8	-0.70	-10.1	6.4/26.9	15839	2001 PC ₂₉	2001 08 22.5	22 06.61	-07 31.0	19.6	-0.76	- 3.4	1.2/24.0	15951
2000 HC ₃₆	2001 08 22.0	22 04.48	-25 51.0	18.3	-0.87	- 6.1	4.5/17.6	16073	2001 OG ₁₀₄	2001 08 22.5	22 06.69	-18 07.8	17.7	-0.80	- 4.8	3.5/20.6	16126

2001 LJ ₈	2001 08 22.5	22 06.70 +10 06.1 17.5	-0.96 - 1.1	8.4/28.6	16098	2000 CJ ₂₃	2001 08 23.2	22 09.14 -06 56.7 19.2	-0.94 - 6.6	1.7/24.6	16048
1998 TZ ₂₈	2001 08 22.6	22 06.68 -18 16.8 18.1	-0.96 - 3.4	3.5/20.7	15602	2000 EP ₁₀₄	2001 08 23.2	22 09.14 -13 59.1 18.7	-0.97 - 4.4	0.9/22.5	16057
2001 MY ₁₈	2001 08 22.6	22 06.77 +11 01.7 16.9	-0.80 - 1.2	7.3/29.1	15839	1998 VG ₃₂	2001 08 23.2	22 09.19 -18 19.5 17.9	-0.98 - 6.0	2.6/21.2	16025
1998 WR ₆	2001 08 22.6	22 06.93 -26 32.7 17.8	-0.92 - 7.2	6.8/17.7	15604	1995 AY ₃	2001 08 23.2	22 09.21 -21 07.2 18.6	-0.89 - 5.5	3.0/20.3	1896
2000 KH ₂	2001 08 22.6	22 06.98 -33 02.1 17.7	-0.75 -13.5	7.0/13.9	16081	1993 FF ₂₉	2001 08 23.2	22 09.24 -02 30.6 20.2	-0.94 - 5.8	3.2/25.9	16001
2000 DN ₉₂	2001 08 22.6	22 07.03 -12 40.6 19.5	-0.88 - 5.2	0.3/22.4	2389	2000 GR ₁₀₉	2001 08 23.3	22 09.24 -04 17.4 17.0	-0.69 -12.7	3.0/26.0	16069
1998 SO ₁₆₁	2001 08 22.7	22 06.99 -24 24.7 18.8	-1.13 - 3.0	5.5/19.2	16022	1998 VL	2001 08 23.3	22 09.28 -23 56.6 18.4	-0.96 - 8.5	5.5/19.1	15602
2000 EG ₁₁₉	2001 08 22.7	22 07.33 -32 28.1 17.7	-1.12 0.0	7.7/17.8	2760	2000 HD ₆₄	2001 08 23.3	22 09.31 +07 54.2 18.4	-0.81 - 5.6	6.3/29.8	15781
2000 GL ₁₂₂	2001 08 22.7	22 07.42 +05 04.7 20.1	-0.91 -19.4	7.1/29.4	15757	1995 UB ₆₃	2001 08 23.3	22 09.39 -12 33.6 19.1	-0.81 - 6.5	0.6/23.0	15576
1999 AU ₃₀	2001 08 22.7	22 07.44 -14 48.8 18.1	-0.96 - 8.6	1.4/21.8	16030	2000 JR ₄₉	2001 08 23.3	22 09.48 -44 16.2 18.0	-1.02 - 1.0	11.0/12.7	2780
2001 QO ₁₇	2001 08 22.8	22 07.52 -16 58.5 17.9	-0.86 - 8.0	1.9/21.1	15967	1998 SL ₆₄	2001 08 23.3	22 09.51 -16 52.2 17.2	-0.96 - 6.8	2.2/21.7	16021
2000 ET ₃₄	2001 08 22.8	22 07.52 -31 22.7 16.5	-0.86 - 9.5	7.3/15.6	16055	2000 HO ₆₁	2001 08 23.3	22 09.52 -19 58.1 18.9	-0.98 - 5.5	3.1/20.8	16075
2000 CK ₉₈	2001 08 22.8	22 07.63 -12 20.0 17.9	-1.02 - 1.7	0.4/22.7	15682	1996 RP ₂	2001 08 23.3	22 09.52 -13 39.0 18.7	-0.76 - 3.2	0.6/22.7	16008
1999 CC ₁₀₄	2001 08 22.8	22 07.63 -10 19.4 18.7	-0.84 - 4.0	0.4/23.2	15630	1998 GK	2001 08 23.3	22 09.53 -63 07.2 17.0	-2.32 +10.7	26.1/18.0	38777
1996 DU ₁	2001 08 22.8	22 07.64 -07 21.9 20.8	-0.92 - 6.2	1.5/24.0	35695	2204 P-L	2001 08 23.3	22 09.60 -14 13.4 18.3	-1.08 - 2.9	1.1/22.6	16166
1999 VK ₁₄	2001 08 22.8	22 07.65 -59 33.4 19.0	-1.98 + 0.2	20.6/05.4	38102	2001 QA ₁	2001 08 23.4	22 09.57 -07 40.0 17.6	-1.02 - 1.2	1.6/24.3	15958
2001 OM ₉₈	2001 08 22.8	22 07.67 -18 48.8 17.2	-0.81 -10.6	3.6/20.3	15924	2000 AA ₂₃₇	2001 08 23.4	22 09.68 -02 10.2 18.1	-1.01 - 4.5	3.5/26.0	16047
2000 KD ₆	2001 08 22.8	22 07.71 -06 07.6 18.0	-0.70 - 5.6	1.8/24.6	16081	2000 JV ₂₀	2001 08 23.4	22 09.69 -22 48.6 18.1	-1.00 - 2.0	4.3/20.4	16078
2000 ET ₆₈	2001 08 22.9	22 07.79 -11 04.1 17.5	-0.85 - 5.5	0.2/23.1	15712	2001 QQ ₇	2001 08 23.4	22 09.69 -10 59.6 17.4	-0.71 - 7.4	0.1/23.6	15960
2000 AA ₆₈	2001 08 22.9	22 07.87 -20 39.8 17.6	-0.99 - 6.7	3.7/20.2	16045	2001 QO ₆₁	2001 08 23.4	22 09.71 -09 19.4 17.5	-0.88 - 1.0	0.7/24.0	15979
2001 OQ ₆₈	2001 08 22.9	22 07.99 -15 03.3 17.8	-1.03 - 0.3	1.3/22.1	15896	2001 QT ₄₈	2001 08 23.4	22 09.74 -10 11.8 18.0	-0.84 - 4.0	0.4/23.8	15975
2001 LO ₈	2001 08 22.9	22 08.02 +06 33.6 18.1	-0.91 - 2.4	6.0/28.1	16098	2001 MR ₁₂	2001 08 23.4	22 09.83 -25 39.5 17.3	-0.93 - 6.8	5.8/18.6	15837
1998 SR ₅₉	2001 08 22.9	22 08.05 -12 58.3 17.7	-0.89 - 9.0	0.7/22.5	15600	1999 BJ ₁₂	2001 08 23.4	22 09.90 -13 06.6 18.3	-0.78 - 4.1	0.6/22.9	16030
2000 GA ₁₅₁	2001 08 22.9	22 08.06 -09 04.1 19.9	-0.79 - 5.4	1.0/23.7	16070	1999 CR ₄₄	2001 08 23.5	22 09.97 -17 14.7 18.4	-0.86 - 5.4	1.9/21.7	16032
1998 XR ₂	2001 08 22.9	22 08.06 -11 20.3 17.2	-1.01 - 1.8	0.1/23.0	16026	2001 PE ₅	2001 08 23.5	22 10.02 -24 39.1 17.5	-0.78 - 6.8	4.2/19.0	15936
1998 SX ₈₁	2001 08 22.9	22 08.16 -08 24.4 19.2	-1.00 - 6.0	1.4/23.9	16021	1999 GL ₃₇	2001 08 23.5	22 10.04 -26 29.5 17.5	-0.89 - 2.8	4.8/19.1	15640
2000 FB ₄₆	2001 08 23.0	22 08.10 -16 21.2 17.9	-0.90 - 8.0	1.8/21.4	15733	1993 FF ₆	2001 08 23.5	22 10.04 -10 21.0 18.5	-0.92 - 7.6	0.4/23.8	16001
1992 GE ₃	2001 08 23.0	22 08.10 +06 11.2 16.7	-0.77 - 7.7	7.2/29.3	16001	2000 EW ₃₂	2001 08 23.5	22 10.10 -12 07.0 18.2	-0.82 -10.0	0.3/23.3	15705
2000 GG ₁₂₄	2001 08 23.0	22 08.13 -35 13.0 17.4	-1.05 - 4.3	8.1/15.6	16069	2001 OG ₁₄	2001 08 23.5	22 10.11 -05 36.7 17.5	-1.06 - 1.7	2.7/25.0	15865
2000 DT ₇₁	2001 08 23.0	22 08.27 -13 08.2 16.7	-0.91 - 2.9	0.8/22.6	16052	2001 QY	2001 08 23.5	22 10.22 -08 01.1 16.3	-0.81 - 4.8	1.6/24.6	15958
2001 MR ₈	2001 08 23.0	22 08.28 -20 05.8 15.9	-0.63 - 8.0	4.3/19.9	16100	1998 RP ₂	2001 08 23.5	22 10.34 -18 35.7 18.3	-0.99 - 7.3	3.1/21.4	39215
2001 QN ₄₉	2001 08 23.0	22 08.29 -14 12.3 18.8	-0.77 - 3.4	0.8/22.2	15976	2000 GK ₃₉	2001 08 23.5	22 10.34 -10 22.4 19.9	-0.91 - 5.8	8.8/13.0	16064
2000 HA ₇₁	2001 08 23.0	22 08.34 -19 02.6 17.8	-0.93 - 0.7	2.6/21.1	15782	2001 ON ₇	2001 08 23.5	22 10.37 +00 47.9 17.4	-0.84 - 5.4	5.8/27.4	16109
2000 JG ₄₅	2001 08 23.0	22 08.39 -28 08.1 18.3	-0.92 - 4.4	6.0/17.9	16079	2000 HJ ₇₉	2001 08 23.6	22 10.49 -07 38.6 17.0	-0.87 - 2.7	1.4/24.6	16076
2001 OE ₁₄	2001 08 23.0	22 08.42 -06 36.7 17.0	-1.03 - 1.0	2.2/24.3	16110	2001 PF ₅	2001 08 23.6	22 10.62 -25 10.5 18.2	-0.89 - 5.8	5.8/19.2	15937
2000 EL ₉₅	2001 08 23.0	22 08.43 -16 49.2 16.8	-1.09 + 0.8	2.1/21.9	16057	2000 JV ₂₆	2001 08 23.6	22 10.65 +04 38.4 18.4	-0.77 - 4.4	4.9/28.8	16078
2000 GG ₁₄₂	2001 08 23.0	22 08.46 -10 41.7 19.2	-0.83 - 8.5	0.2/23.3	1617	2001 OR ₅	2001 08 23.6	22 10.67 -05 56.2 16.5	-0.91 -24.1	2.3/25.8	15860
1997 WZ ₅	2001 08 23.1	22 08.46 -06 32.0 19.1	-0.78 - 5.5	1.8/24.6	6761	2000 DJ ₂₆	2001 08 23.6	22 10.70 -11 20.1 16.9	-0.82 - 9.2	11.7/13.0	16051
2001 QH ₄₉	2001 08 23.1	22 08.49 -12 26.0 18.4	-0.89 - 8.1	0.4/22.8	15975	2001 PB ₄₈	2001 08 23.6	22 10.80 -30 00.7 17.3	-1.70 + 7.0	9.0/20.6	15957
2000 GS ₁₃₆	2001 08 23.1	22 08.50 -45 56.7 19.7	-1.22 - 3.6	10.3/11.8	1616	2000 LY ₁₆	2001 08 23.7	22 10.72 -12 05.8 17.5	-0.73 - 7.3	0.3/23.4	16084
1991 CG ₁	2001 08 23.1	22 08.54 -13 40.7 18.0	-0.93 - 3.8	0.7/22.5	15999	2000 GY ₇₁	2001 08 23.7	22 10.74 -23 32.2 19.3	-1.01 - 4.4	4.5/20.1	5739
2000 AP ₅₉	2001 08 23.1	22 08.57 -05 12.2 15.2	-1.01 + 2.1	3.6/24.5	16045	1995 TO ₅	2001 08 23.7	22 10.75 -08 46.5 20.5	-0.96 - 6.1	1.2/24.5	5412
2000 HP ₁₁	2001 08 23.1	22 08.60 -13 22.5 19.8	-0.93 - 6.1	0.7/22.6	16072	2000 CQ ₄₃	2001 08 23.7	22 10.76 -01 26.3 16.7	-0.86 - 9.2	4.3/27.1	16049
2000 EE ₃₉	2001 08 23.1	22 08.62 -13 10.5 19.1	-0.92 - 4.5	0.6/22.6	15706	2000 DV ₇₉	2001 08 23.7	22 10.78 -14 31.3 17.7	-1.03 - 4.1	1.4/22.8	16053
1997 GS ₁₄	2001 08 23.1	22 08.62 -14 09.8 17.3	-1.05 - 1.2	1.3/22.5	16009	1156 T-2	2001 08 23.7	22 10.83 -03 40.3 17.4	-0.81 - 7.3	3.2/26.2	15988
2001 QG ₃₄	2001 08 23.1	22 08.81 -11 59.7 18.2	-0.90 - 6.0	0.2/23.0	15973	1999 CD ₇₃	2001 08 23.7	22 10.84 +03 29.6 16.8	-1.02 + 1.4	6.0/27.1	16034
2000 EG ₁₁₁	2001 08 23.2	22 08.87 -27 09.6 17.2	-0.91 - 4.2	5.7/18.5	15717	1997 GC ₄	2001 08 23.7	22 10.89 -20 19.0 18.0	-1.07 - 2.1	4.3/21.5	16009
1999 CD ₈₀	2001 08 23.2	22 08.88 -00 14.0 17.5	-0.78 - 9.2	4.0/27.1	16034	2000 HN ₅₁	2001 08 23.7	22 10.94 -00 18.8 17.4	-0.72 - 5.4	3.7/27.3	16074
2000 GB ₅₂	2001 08 23.2	22 08.96 -19 49.0 18.8	-1.01 - 4.4	2.9/20.9	16064	2001 OQ ₄₈	2001 08 23.7	22 10.99 -14 03.1 17.1	-1.01 - 1.5	1.0/23.1	15884
2000 GW ₁₅₂	2001 08 23.2	22 09.01 -28 00.1 18.8	-1.01 + 0.3	5.5/19.2	1618	1994 CA ₁₁	2001 08 23.8	22 11.07 -15 39.6 21.6	-0.75 - 4.4	1.1/22.4	6718
2001 OV ₇	2001 08 23.2	22 09.10 -04 56.3 17.2	-0.75 - 4.5	2.6/25.3	16109	2000 EU ₈₂	2001 08 23.8	22 11.09 -18 51.9 18.7	-0.93 - 6.8	2.7/21.4	725

2000 CC ₈₅	2001 08 23.8	22 11.21	-14 07.8	17.7	-0.92	- 6.7	1.2/22.9	15680	1998 VU ₂₁	2001 08 24.2	22 12.95	-17 30.8	17.8	-1.06	- 2.9	3.0/22.6	16024
2000 GU ₁₂₄	2001 08 23.8	22 11.28	-02 04.2	17.5	-0.78	- 8.3	2.9/27.0	16069	2000 FS ₃₂	2001 08 24.3	22 12.93	-21 04.4	19.0	-1.01	- 4.1	3.8/21.5	16061
1999 CQ ₈₇	2001 08 23.8	22 11.29	-11 47.5	18.8	-0.88	- 5.4	0.2/23.7	16034	2001 OT ₉₇	2001 08 24.3	22 13.01	-19 46.3	17.0	-1.13	+ 3.2	4.0/22.6	15923
2001 LC ₁₃	2001 08 23.8	22 11.40	+10 35.5	17.8	-1.05	+ 1.7	7.7/29.0	16099	2001 OL ₂₀	2001 08 24.3	22 13.02	+11 31.8	17.8	-0.71	- 5.4	6.8/31.9	16111
2000 JO ₄₁	2001 08 23.8	22 11.44	-09 03.4	18.9	-0.83	- 5.5	0.7/24.5	2526	2001 PQ ₂₀	2001 08 24.3	22 13.06	-26 22.0	18.5	-1.03	- 2.4	7.3/20.2	15947
2000 HF ₅₆	2001 08 23.8	22 11.45	-30 59.7	16.6	-0.89	- 2.9	6.9/17.9	15780	2001 MR ₁₄	2001 08 24.3	22 13.09	-14 08.1	16.6	-0.73	-10.5	1.3/23.2	16101
1999 CK ₆	2001 08 23.9	22 11.41	-03 46.4	18.7	-1.16	+ 2.8	2.8/25.4	15621	2000 EW ₁₉₇	2001 08 24.3	22 13.11	+01 55.4	18.5	-0.85	- 5.7	4.8/28.5	15725
1997 NE	2001 08 23.9	22 11.42	-08 15.5	19.6	-0.91	- 5.4	1.0/24.8	2627	1997 YK ₁₂	2001 08 24.3	22 13.12	-04 39.2	18.0	-0.76	- 3.2	1.9/26.2	31285
2000 FK ₃₀	2001 08 23.9	22 11.42	-18 58.9	18.5	-1.06	- 5.4	3.2/21.7	16061	2001 PV ₂₃	2001 08 24.3	22 13.12	-22 39.5	15.2	-0.88	+ 6.6	7.1/22.2	15948
2000 GX ₈₇	2001 08 23.9	22 11.46	-03 53.7	16.8	-0.78	- 9.8	2.5/26.5	16067	1998 SG ₄	2001 08 24.3	22 13.25	-07 23.8	18.2	-1.04	- 4.6	1.6/25.4	16020
2001 OF ₃	2001 08 23.9	22 11.48	-09 40.4	16.4	-1.03	- 0.4	0.7/24.3	15859	2000 DY ₃₅	2001 08 24.3	22 13.28	-12 34.2	18.5	-1.09	- 2.0	0.7/24.0	15690
2001 QC ₁	2001 08 23.9	22 11.55	-09 19.3	18.4	-0.75	- 6.3	0.6/24.5	15958	2000 ET ₁₄₈	2001 08 24.3	22 13.31	-09 04.0	18.3	-0.93	- 5.0	0.7/25.0	16059
2000 KA ₁₄	2001 08 23.9	22 11.60	-33 06.1	19.5	-0.98	- 4.3	7.0/17.0	15085	2000 HM ₉	2001 08 24.4	22 13.32	-10 39.2	17.7	-0.80	- 5.3	0.1/24.5	16072
2001 PB ₄₉	2001 08 23.9	22 11.62	-29 20.4	17.3	-0.99	- 3.6	8.9/18.3	15957	2001 MV ₁	2001 08 24.4	22 13.33	+45 49.9	17.9	-0.84	+ 7.7	29.3/18.0	16099
1996 PM ₉	2001 08 23.9	22 11.64	-09 34.1	17.2	-0.78	- 5.2	0.6/24.5	16008	2000 JD ₁₉	2001 08 24.4	22 13.49	-12 50.3	17.0	-0.69	-11.1	0.6/23.8	16077
1993 TJ ₃₂	2001 08 23.9	22 11.66	-35 30.1	17.6	-1.07	- 2.2	7.7/16.7	16003	1218 T-1	2001 08 24.4	22 13.50	-12 57.1	18.7	-1.07	- 3.6	0.8/23.9	16168
2001 OG ₆₈	2001 08 23.9	22 11.68	-14 42.5	16.9	-0.99	- 0.6	1.6/23.1	15895	6349 P-L	2001 08 24.4	22 13.52	-06 04.3	19.6	-0.82	- 4.7	1.7/25.9	16167
2000 HF ₄	2001 08 23.9	22 11.70	-19 00.7	19.6	-0.98	- 5.1	2.9/21.7	16071	1998 WS ₉	2001 08 24.4	22 13.56	-24 19.4	16.2	-0.96	- 5.0	5.8/20.5	16025
2000 GA ₁₃₅	2001 08 23.9	22 11.72	-05 04.6	17.6	-0.74	-10.8	2.2/26.2	16070	2000 ED	2001 08 24.4	22 13.58	-25 13.7	17.6	-0.95	- 6.2	4.9/20.0	15699
2001 MB ₁₃	2001 08 23.9	22 11.77	-02 50.1	17.7	-1.05	+ 0.3	3.3/25.9	16101	1998 TS ₁₃	2001 08 24.4	22 13.60	-15 33.7	19.8	-0.96	- 5.0	1.6/23.1	16023
3020 P-L	2001 08 23.9	22 11.77	-00 19.1	17.0	-0.83	- 2.0	3.9/27.0	16167	2000 AH ₉₈	2001 08 24.5	22 13.60	-21 44.2	17.4	-1.02	- 2.6	4.2/21.6	16046
2000 EA ₈₆	2001 08 23.9	22 11.78	-15 21.5	18.3	-0.91	- 5.9	1.5/22.7	16057	2001 PP ₂₀	2001 08 24.5	22 13.66	-29 06.5	16.5	-0.94	- 4.3	9.1/18.9	15947
2000 JK ₈₅	2001 08 23.9	22 11.79	-16 47.6	17.6	-0.68	-10.3	2.1/21.9	16081	2001 OH ₁₄	2001 08 24.5	22 13.69	-07 35.5	16.9	-0.90	- 0.9	1.2/25.4	16110
2000 LT ₆	2001 08 23.9	22 11.80	+00 52.1	19.3	-0.80	- 6.2	4.5/27.8	15814	2000 DD ₁₀₁	2001 08 24.5	22 13.69	-23 19.9	17.9	-1.14	+ 1.4	4.9/21.9	16053
2000 JE ₃₀	2001 08 24.0	22 11.78	-27 29.2	17.2	-0.89	- 1.8	5.5/19.4	15794	2000 GE ₅₀	2001 08 24.5	22 13.73	-19 30.6	18.3	-0.83	- 3.0	3.0/22.1	15742
2000 FP ₅₉	2001 08 24.0	22 11.79	-26 03.5	20.3	-1.02	- 3.7	5.2/19.8	3548	1999 BT ₂	2001 08 24.5	22 13.81	-03 17.3	19.5	-1.22	+ 0.9	2.7/26.1	14372
2000 KU ₆₅	2001 08 24.0	22 11.84	-26 20.0	18.1	-0.74	- 8.2	4.7/18.6	15812	2000 JA ₁₂	2001 08 24.5	22 13.96	+00 52.1	17.1	-0.87	- 5.6	5.1/28.2	15790
2000 KK ₆₀	2001 08 24.0	22 11.92	+27 32.9	19.0	-0.73	- 4.4	11.5/08.9	3937	2001 QS ₁₇	2001 08 24.6	22 14.00	-19 12.8	17.9	-1.11	- 1.9	3.6/22.6	15967
2000 LK ₃₆	2001 08 24.0	22 11.96	-31 35.7	18.3	-0.87	- 7.5	6.6/16.8	16085	2001 MD ₂₄	2001 08 24.6	22 14.04	+10 24.9	17.6	-0.93	- 2.1	7.5/30.8	16103
1981 EE ₄₄	2001 08 24.0	22 11.96	+00 16.4	18.4	-0.79	- 5.9	3.9/27.7	15557	2000 GH ₈₁	2001 08 24.6	22 14.17	-07 26.1	17.6	-0.81	- 4.6	1.3/25.7	15749
2000 KT ₆₂	2001 08 24.0	22 12.02	-22 58.6	18.2	-0.76	- 6.7	3.6/20.1	16083	1999 XW ₂₀₆	2001 08 24.6	22 14.18	-27 33.1	17.7	-1.14	- 1.7	6.9/20.5	694
2000 GL ₁₆₀	2001 08 24.0	22 12.04	-31 33.3	17.9	-1.13	+ 3.2	7.7/19.8	15763	2001 QA ₈	2001 08 24.6	22 14.25	-08 55.7	18.0	-0.67	- 5.9	0.6/25.3	15961
2000 DU ₈₀	2001 08 24.0	22 12.07	-16 51.8	18.3	-0.96	- 5.4	2.3/22.4	15695	2000 HX ₅₆	2001 08 24.6	22 14.26	-20 58.3	19.2	-0.95	- 5.8	3.7/21.6	16075
2001 ME ₂₄	2001 08 24.0	22 12.14	+16 26.5	15.7	-1.01	+ 3.4	9.4/30.0	16103	1999 FV ₁₂	2001 08 24.6	22 14.27	-16 52.3	18.9	-0.82	- 3.9	1.6/22.9	16036
2000 ES ₁₄	2001 08 24.0	22 12.16	-31 54.3	18.4	-1.05	- 2.3	7.3/18.4	2756	1150 T-1	2001 08 24.6	22 14.31	-07 17.9	18.0	-0.90	- 4.7	1.3/25.7	16168
1998 XL ₉₄	2001 08 24.1	22 12.24	-00 43.8	18.1	-0.78	- 5.3	2.9/27.4	16028	1998 VP ₅	2001 08 24.6	22 14.33	-18 22.7	18.3	-1.01	- 3.5	2.7/22.6	16024
2000 CJ ₁₀₂	2001 08 24.1	22 12.24	-08 19.2	18.4	-0.95	- 6.3	1.0/25.0	15683	1999 CS ₆₀	2001 08 24.6	22 14.37	-08 21.7	18.3	-0.86	- 5.2	0.9/25.5	16033
2000 HQ ₁	2001 08 24.1	22 12.29	+01 24.2	18.4	-0.83	- 5.6	4.0/28.1	15764	5143 T-2	2001 08 24.6	22 14.39	-03 35.4	19.2	-0.99	+ 1.5	3.8/26.4	16169
1998 UD ₄	2001 08 24.1	22 12.37	-26 15.6	15.9	-0.88	- 5.9	7.5/19.3	16023	2000 ER ₈	2001 08 24.6	22 14.40	-10 02.7	16.5	-0.75	-11.7	0.4/25.0	16054
1998 UJ	2001 08 24.1	22 12.37	-15 43.8	18.5	-1.32	+ 1.7	1.7/23.2	35721	2000 HS ₇₁	2001 08 24.7	22 14.34	+22 15.5	18.2	-0.71	- 5.0	11.2/07.1	15782
1998 TF ₃₃	2001 08 24.1	22 12.43	-03 59.7	17.4	-0.90	- 7.6	2.8/26.4	16023	2000 GO ₅₀	2001 08 24.7	22 14.40	-17 22.4	19.8	-1.00	- 4.7	2.3/22.9	10956
1998 WX ₂₁	2001 08 24.1	22 12.45	-18 39.6	18.5	-0.97	- 4.9	3.5/21.9	15606	1997 UD ₅	2001 08 24.7	22 14.41	-00 26.5	18.7	-0.78	- 8.3	3.5/28.3	16012
2000 AA ₁₄₅	2001 08 24.1	22 12.52	-05 48.1	17.3	-0.97	- 4.2	2.0/25.7	700	2000 EO ₄₃	2001 08 24.7	22 14.42	-21 05.2	16.4	-0.90	- 1.2	4.9/22.0	16055
2000 JR ₁₉	2001 08 24.2	22 12.56	+11 34.3	16.7	-0.63	-12.5	7.3/02.6	16077	2000 KY ₁₀	2001 08 24.7	22 14.46	-31 50.6	19.3	-0.96	- 3.8	7.3/18.1	15804
2000 EK ₁₈₆	2001 08 24.2	22 12.65	-13 25.2	17.6	-0.86	- 3.2	1.2/23.6	15725	2001 PP ₁₃	2001 08 24.7	22 14.47	-12 56.3	17.4	-0.83	- 9.9	1.0/24.0	15944
2000 DO ₆₉	2001 08 24.2	22 12.66	-12 48.1	18.2	-1.08	- 3.2	0.7/23.8	15693	2000 HC ₇₄	2001 08 24.7	22 14.50	-22 42.7	18.2	-0.75	- 8.0	3.6/20.6	16075
2000 GO ₂₃	2001 08 24.2	22 12.66	-33 19.9	18.4	-1.03	+ 1.3	8.3/18.8	15738	2000 EC ₉₇	2001 08 24.7	22 14.67	-26 47.6	18.0	-1.02	- 1.4	5.3/20.6	16057
2000 GU ₅₆	2001 08 24.2	22 12.70	-21 00.0	19.5	-1.03	- 4.1	3.7/21.4	3557	1999 YP ₃	2001 08 24.7	22 14.68	-32 13.6	18.0	-1.08	-18.1	8.9/16.2	15652
2000 FT ₃₀	2001 08 24.2	22 12.72	-25 33.4	16.4	-0.95	- 3.7	6.4/19.9	16061	2000 GD ₁₀₉	2001 08 24.7	22 14.71	-08 17.1	17.9	-0.78	- 6.8	0.9/25.6	16068
1996 GC ₂₁	2001 08 24.2	22 12.87	+10 50.6	18.5	-0.75	- 8.1	8.3/01.4	16007	2000 HH	2001 08 24.7	22 14.76	-14 01.1	16.9	-0.80	- 9.9	1.0/23.7	16071
2001 OK ₆	2001 08 24.2	22 12.88	+01 30.1	18.2	-0.80	- 7.2	5.0/28.5	16108	2000 AG ₄	2001 08 24.8	22 14.75	-40 39.0	19.2	-1.11	- 7.8	9.5/14.2	7518

2001 OK ₆₈	2001 08 24.8	22 14.77	-16 23.6	16.8	-0.65	-15.3	2.0/22.6	16120	2001 OZ ₈	2001 08 25.3	22 16.68	+02 43.0	17.0	-0.74	- 4.2	4.0/29.6	15862
1998 SQ ₁₃₅	2001 08 24.8	22 14.83	-22 22.7	17.9	-1.04	- 4.6	5.4/21.4	16022	2000 HN ₆₂	2001 08 25.3	22 16.68	-10 04.7	19.0	-0.75	- 4.6	0.2/25.5	16075
1999 EJ ₁₀	2001 08 24.8	22 14.85	-12 54.9	18.4	-0.89	- 2.9	0.7/24.3	15635	1998 SV ₁₃₇	2001 08 25.3	22 16.68	-22 19.1	18.5	-1.10	- 3.8	4.7/22.1	16022
2001 QR ₅₆	2001 08 24.8	22 14.86	-15 41.7	18.1	-0.79	- 6.8	1.6/23.3	15978	2000 HX ₁₂	2001 08 25.3	22 16.75	+00 15.7	16.2	-0.73	- 4.5	4.0/28.8	16072
2001 MD ₃₀	2001 08 24.8	22 14.96	+28 49.9	17.1	-1.01	- 4.4	18.0/08.9	15845	2001 PF ₁₅	2001 08 25.3	22 16.79	-07 31.6	17.1	-0.83	- 5.6	1.5/26.3	15946
2000 GP ₁₀₂	2001 08 24.8	22 15.01	-03 02.8	18.6	-0.92	- 6.0	3.1/27.2	16068	2000 CY ₇₆	2001 08 25.3	22 16.81	-21 13.1	18.1	-1.14	+ 0.6	3.9/23.0	16050
2001 MD ₁₃	2001 08 24.8	22 15.03	+03 58.3	18.6	-0.79	- 2.2	4.4/29.3	15837	1999 XC ₁₅	2001 08 25.4	22 16.93	-51 05.9	18.2	-1.34	-11.5	16.6/09.0	39325
2000 GL ₁₃₆	2001 08 24.9	22 15.08	-22 21.1	17.1	-0.75	- 7.2	3.8/21.0	16070	1999 CJ ₃₂	2001 08 25.4	22 17.01	-23 37.7	18.2	-0.73	- 7.1	3.5/21.0	16032
2000 KC ₇	2001 08 24.9	22 15.13	-26 58.0	17.4	-0.82	- 5.2	5.1/19.6	16081	1993 FK ₃₃	2001 08 25.4	22 17.02	-12 58.0	19.2	-0.72	- 4.6	0.6/24.7	16002
2001 QA ₉	2001 08 24.9	22 15.31	-13 30.5	17.9	-0.87	- 4.9	1.0/24.1	15961	2000 HF ₅₈	2001 08 25.4	22 17.03	-18 19.5	19.2	-0.91	- 4.3	2.8/23.2	16075
1998 QQ ₉₁	2001 08 25.0	22 15.47	-13 30.9	15.5	-0.75	-10.4	1.4/24.0	16018	2000 EM ₅₇	2001 08 25.4	22 17.03	-09 47.2	19.5	-0.94	- 5.3	0.3/25.7	16056
2001 QW ₈	2001 08 25.0	22 15.63	-13 41.1	17.8	-0.76	- 4.8	1.0/24.1	15961	2001 OZ ₉₅	2001 08 25.4	22 17.08	-09 13.1	17.8	-1.02	- 2.6	0.6/25.8	15920
2001 OL ₆	2001 08 25.0	22 15.67	+02 43.2	17.4	-0.83	- 6.1	6.4/29.4	15861	2000 HF ₈	2001 08 25.4	22 17.10	-15 30.5	18.0	-0.87	- 5.2	1.7/24.0	16071
1999 CN ₇	2001 08 25.0	22 15.67	-14 44.0	18.1	-0.81	-13.2	1.2/23.6	16031	1998 XU ₁₇	2001 08 25.4	22 17.14	-11 55.0	17.5	-0.90	- 7.0	0.5/25.1	16027
2000 EN ₃₁	2001 08 25.0	22 15.70	-24 04.7	19.6	-1.01	- 3.7	4.7/21.3	718	1992 BJ	2001 08 25.4	22 17.16	-13 01.7	17.8	-0.94	- 6.4	0.9/24.7	16000
1991 TD ₇	2001 08 25.0	22 15.72	-00 53.5	17.1	-0.86	- 4.0	5.1/28.1	15562	2001 MO ₁₂	2001 08 25.4	22 17.17	+05 03.1	17.4	-0.87	- 2.8	5.1/30.1	15837
1999 BW ₃	2001 08 25.0	22 15.74	-46 44.6	19.0	-1.18	-12.1	13.1/09.0	4925	2000 HO ₅₇	2001 08 25.4	22 17.33	-36 38.6	18.4	-0.92	- 2.4	8.1/17.4	15081
2000 DW ₆₃	2001 08 25.0	22 15.77	-07 36.2	16.7	-0.95	- 1.9	1.6/25.9	15692	2001 MV ₂₃	2001 08 25.5	22 17.28	-07 12.7	17.6	-0.90	- 7.1	1.7/26.6	15842
2000 HP ₂₄	2001 08 25.0	22 15.80	-17 49.1	17.9	-0.95	- 3.9	2.7/23.1	15771	2001 MJ ₂₇	2001 08 25.5	22 17.44	-06 27.7	16.6	-0.85	- 1.7	1.4/26.7	16103
1997 UL ₁	2001 08 25.0	22 15.83	-25 47.2	17.9	-0.95	- 2.1	5.7/20.9	16012	1999 BX ₂₄	2001 08 25.5	22 17.45	+02 21.3	18.0	-0.81	- 3.7	3.7/29.5	16031
2001 QC ₈	2001 08 25.0	22 15.84	-07 23.3	16.0	-0.77	- 5.6	1.7/26.2	15961	2000 GF ₁₁₀	2001 08 25.5	22 17.57	-27 20.4	19.4	-1.02	- 2.5	5.7/20.9	773
2000 EQ ₈₆	2001 08 25.0	22 15.85	-12 27.9	19.1	-1.06	- 1.4	0.6/24.7	16057	2001 OW ₉₇	2001 08 25.5	22 17.63	-21 28.4	17.5	-0.94	- 2.0	5.4/22.6	15923
2000 HS ₃₂	2001 08 25.0	22 15.87	-13 01.9	18.2	-0.83	- 4.0	0.8/24.4	15773	1992 SV ₂₄	2001 08 25.5	22 17.64	+02 18.7	16.5	-0.76	- 5.2	5.5/29.7	16001
1998 SM ₁₄₅	2001 08 25.1	22 15.87	-21 43.3	17.2	-1.03	- 4.0	3.9/22.0	16022	2000 ED ₁₁₀	2001 08 25.6	22 17.64	-25 39.6	16.5	-0.93	- 4.7	6.8/20.9	15717
1995 ST ₅₀	2001 08 25.1	22 15.87	-12 03.3	21.1	-1.07	- 4.6	0.6/24.8	6729	1999 CZ ₁₅₀	2001 08 25.6	22 17.68	-11 19.6	19.2	-0.81	- 9.0	0.3/25.4	15632
2000 HR ₅₅	2001 08 25.1	22 15.89	-10 02.2	19.6	-0.95	- 4.8	0.3/25.3	7030	2000 EY ₆₁	2001 08 25.6	22 17.68	-11 56.0	19.0	-0.89	- 4.2	0.5/25.2	391
1990 SQ ₁₄	2001 08 25.1	22 15.96	-30 30.4	17.0	-1.74	+ 8.3	10.5/22.4	15999	2000 JJ ₂₅	2001 08 25.6	22 17.76	-00 55.4	17.4	-0.87	- 2.3	3.5/28.4	16078
5003 T-2	2001 08 25.1	22 15.97	+00 41.2	18.1	-0.86	- 2.7	5.4/28.3	16169	1993 FA ₅₃	2001 08 25.6	22 17.84	-09 30.4	19.3	-0.91	- 7.8	0.4/26.0	16002
1993 FO ₁₀	2001 08 25.1	22 16.07	-01 28.1	18.9	-0.67	- 7.0	2.4/28.3	16001	1999 XQ ₁₆₄	2001 08 25.6	22 18.03	+11 26.6	18.1	-1.40	+ 3.0	10.3/30.1	40421
2000 HF ₈₆	2001 08 25.1	22 16.10	-27 58.9	17.7	-0.84	- 4.5	5.6/19.7	16076	2000 JP ₃₉	2001 08 25.6	22 18.03	+03 12.3	16.9	-0.74	- 4.3	4.5/30.1	16079
1999 AV ₂₀	2001 08 25.1	22 16.18	-16 06.8	19.9	-0.99	- 5.5	1.9/23.6	16029	4159 P-L	2001 08 25.6	22 18.04	-13 19.2	18.2	-1.07	- 2.9	1.1/25.0	16167
2001 LL ₁₉	2001 08 25.2	22 16.18	-04 28.2	16.8	-0.66	- 9.8	3.3/27.5	16099	2000 GN ₁₃₄	2001 08 25.6	22 18.04	-39 05.7	17.7	-1.04	- 2.5	11.0/16.5	1615
2001 QF ₁₅	2001 08 25.2	22 16.23	-18 36.5	18.0	-0.94	- 3.1	4.0/23.0	15965	1981 EJ ₃₅	2001 08 25.6	22 18.06	-08 21.6	20.3	-0.90	- 6.8	0.7/26.4	15997
2000 HK ₈₀	2001 08 25.2	22 16.25	-26 30.3	18.9	-0.85	- 7.0	5.4/19.9	15784	2507 P-L	2001 08 25.6	22 18.06	-16 08.8	18.3	-1.07	- 3.4	2.3/24.2	16166
2000 HY ₈₂	2001 08 25.2	22 16.28	-28 52.2	17.3	-0.91	- 3.5	7.4/19.5	16076	2000 GC ₈₅	2001 08 25.6	22 18.07	-25 02.4	17.8	-0.76	-11.8	5.7/20.1	16067
1999 JG ₁₃₈	2001 08 25.2	22 16.38	-44 45.5	17.3	-0.99	- 1.7	8.9/14.0	12925	2001 OX ₁₂	2001 08 25.7	22 18.08	+00 58.2	19.1	-0.89	- 0.8	4.6/29.0	16110
2001 PL ₁₄	2001 08 25.2	22 16.39	-12 56.8	18.0	-0.97	- 4.0	1.0/24.6	15945	2000 HQ ₈₀	2001 08 25.7	22 18.08	-31 27.6	17.9	-0.91	- 7.5	7.3/18.3	15784
2000 JM ₂₈	2001 08 25.2	22 16.40	-23 45.8	17.8	-0.87	- 2.3	4.3/21.5	16078	2000 KV ₃₆	2001 08 25.7	22 18.08	-15 01.1	19.0	-0.78	- 4.3	1.3/24.3	16082
2001 MY ₂₃	2001 08 25.2	22 16.40	-06 04.8	16.4	-1.04	+ 2.6	2.2/26.2	15842	2001 PW ₃₁	2001 08 25.7	22 18.11	-31 41.4	17.5	-0.93	- 2.3	9.1/19.0	15951
1997 SJ ₁₆	2001 08 25.2	22 16.44	-22 44.7	19.6	-0.91	- 4.2	4.4/21.6	1422	2001 MA ₂₄	2001 08 25.7	22 18.14	-08 30.1	17.0	-1.03	- 1.9	0.9/26.3	15842
2001 OQ ₇	2001 08 25.2	22 16.45	-00 43.2	16.8	-0.81	- 5.4	5.0/29.0	16109	2001 PR ₂₈	2001 08 25.7	22 18.15	-11 14.5	18.3	-0.71	- 6.0	0.2/25.5	15951
2000 DL ₁	2001 08 25.2	22 16.48	-54 24.9	18.0	-2.24	+ 4.4	15.5/15.2	711	1998 XG ₄₀	2001 08 25.7	22 18.16	-27 51.5	17.7	-1.02	- 3.8	6.3/20.6	16027
2000 CF ₇₆	2001 08 25.2	22 16.49	-09 13.9	18.9	-0.96	- 6.1	0.6/25.7	6268	2001 OF ₁₄	2001 08 25.7	22 18.28	-12 17.3	16.8	-0.71	-10.3	0.6/25.1	16110
2001 QD ₈	2001 08 25.2	22 16.52	-07 30.4	17.9	-0.79	- 4.2	1.1/26.2	15961	2001 PA ₁₄	2001 08 25.7	22 18.30	-08 47.1	17.1	-0.70	- 7.6	0.9/26.4	15945
1998 XE ₆	2001 08 25.2	22 16.54	-17 11.8	20.0	-0.98	- 6.4	2.5/23.3	3900	2000 GC ₅₉	2001 08 25.7	22 18.33	-11 50.8	18.1	-0.93	- 5.2	0.5/25.4	16065
6871 P-L	2001 08 25.2	22 16.61	-12 22.9	18.3	-0.96	- 6.4	0.7/24.8	16168	2001 QH ₁₅	2001 08 25.7	22 18.36	-14 49.5	17.5	-0.82	- 5.0	1.7/24.5	15965
2000 AT ₁₃₆	2001 08 25.3	22 16.54	-13 08.5	17.2	-0.90	- 8.5	0.9/24.5	16046	2000 KS ₅₉	2001 08 25.7	22 18.39	-12 28.7	17.5	-0.75	- 5.3	0.6/25.2	16083
2001 PY ₃₁	2001 08 25.3	22 16.55	-31 23.9	17.3	-1.14	+ 0.8	8.4/20.0	15951	2000 GL ₁₀₉	2001 08 25.7	22 18.40	-03 57.9	17.9	-0.79	- 7.1	2.1/28.0	14411
2000 GL ₁₀₇	2001 08 25.3	22 16.60	-03 18.8	17.8	-0.76	- 7.4	2.5/27.8	16068	1999 CR ₈	2001 08 25.7	22 18.42	-09 08.5	18.7	-0.81	- 6.5	0.5/26.2	16031
1999 CL ₃₈	2001 08 25.3	22 16.60	-10 33.4	16.7	-0.92	- 0.1	0.1/25.3	15624	2001 QY ₈₄	2001 08 25.8	22 18.38	-24 22.3	19.3	-0.59	-11.8	5.6/20.2	15982
2001 MJ ₄	2001 08 25.3	22 16.64	-25 47.3	17.7	-0.86	- 7.1	7.3/20.2	16100	1993 FT ₂₈	2001 08 25.8	22 18.44	-02 04.2	19.5	-0.92	- 6.4	3.3/28.5	9028

1989 SS ₁	2001 08 25.8	22 18.44	-19 10.0	16.5	-0.76	- 3.6	4.3/23.2	15998	2001 LR ₈	2001 08 26.2	22 19.92	+03 39.0	18.1	-0.73	- 4.6	4.0/30.7	16098
1998 VK ₃₁	2001 08 25.8	22 18.48	+04 39.8	17.1	-0.89	- 4.7	6.0/30.6	16025	2001 OP ₆₆	2001 08 26.2	22 19.96	-29 20.4	16.2	-0.96	- 1.5	9.1/20.8	15894
2000 CF ₃₆	2001 08 25.8	22 18.48	-08 11.3	18.2	-0.90	- 9.0	0.9/26.6	16048	2000 HX ₅₅	2001 08 26.2	22 20.02	-13 36.9	20.5	-0.97	- 4.8	1.1/25.3	5753
1998 VX ₂₃	2001 08 25.8	22 18.50	-20 46.0	18.5	-0.99	- 5.1	3.5/22.8	16024	2001 MG ₂₃	2001 08 26.2	22 20.12	+12 27.8	16.2	-0.71	- 3.9	6.7/03.0	15841
2000 HJ ₃₉	2001 08 25.8	22 18.56	-26 21.3	17.6	-0.82	- 4.9	5.5/20.7	16073	2000 FF ₂₇	2001 08 26.2	22 20.13	-20 43.7	18.8	-1.07	- 3.2	4.1/23.4	16061
2000 CV ₁₁₁	2001 08 25.8	22 18.61	-25 00.5	19.9	-1.01	- 5.8	4.8/21.4	7520	1999 CF ₈₈	2001 08 26.2	22 20.17	-22 31.4	19.2	-0.87	- 3.8	3.5/22.6	3904
2000 GO ₅₄	2001 08 25.8	22 18.62	-13 15.5	18.6	-0.94	- 4.3	0.9/25.1	15074	1999 CC ₉₈	2001 08 26.2	22 20.20	-11 51.7	20.8	-0.84	- 4.4	0.4/25.8	34605
2000 DW ₅	2001 08 25.8	22 18.66	-46 31.0	20.1	-1.39	- 0.4	11.4/15.8	711	2000 KR ₂₁	2001 08 26.3	22 20.23	+07 55.9	17.8	-0.73	- 3.6	5.6/01.3	16082
1998 YO ₁₀	2001 08 25.8	22 18.71	-16 16.2	17.6	-0.98	- 6.4	2.5/24.1	15610	2001 OD ₆₉	2001 08 26.3	22 20.31	-15 23.7	17.4	-0.92	- 2.6	2.1/24.9	15897
1993 TL ₂₇	2001 08 25.8	22 18.74	-34 15.1	18.0	-1.07	+ 0.2	10.6/19.1	15566	2001 OH ₇₄	2001 08 26.3	22 20.33	-15 27.8	17.8	-0.80	- 4.6	1.7/24.7	15903
1998 RC ₇₂	2001 08 25.8	22 18.75	-13 21.5	18.2	-1.01	- 5.6	1.3/25.0	16019	2001 OK ₅	2001 08 26.3	22 20.36	+04 41.7	17.5	-0.83	- 5.8	7.3/31.3	15860
2000 GP ₂₉	2001 08 25.8	22 18.76	-06 46.9	16.7	-0.81	- 5.3	1.8/27.0	15738	1996 CQ ₇	2001 08 26.3	22 20.44	-12 42.5	19.1	-0.92	- 5.4	0.8/25.6	1418
1999 CF ₂₀	2001 08 25.8	22 18.82	-22 05.4	18.2	-1.03	- 1.7	3.9/22.8	15622	2000 DX ₁	2001 08 26.3	22 20.47	-11 24.7	18.9	-0.90	- 7.1	0.5/26.0	15684
2001 OU ₇₆	2001 08 25.9	22 18.80	-27 55.6	19.0	-0.92	- 6.2	5.6/20.1	15905	2000 KR ₅₉	2001 08 26.3	22 20.50	-27 56.4	17.0	-0.84	- 4.2	5.8/20.7	15810
2000 GZ ₇₉	2001 08 25.9	22 18.90	-01 51.2	18.3	-0.98	- 4.8	3.6/28.4	16066	2000 AT ₄₉	2001 08 26.3	22 20.53	+21 31.1	18.6	-1.29	+ 1.8	14.7/03.7	38869
2001 LS ₈	2001 08 25.9	22 18.95	+07 39.7	17.5	-0.79	- 1.9	5.8/31.4	16098	1995 BO ₁₀	2001 08 26.3	22 20.62	-05 34.4	17.8	-1.01	- 0.6	1.7/27.6	15568
1988 RO ₅	2001 08 25.9	22 18.97	-08 46.8	17.0	-0.99	- 1.3	0.6/26.4	15998	2001 OF ₇	2001 08 26.3	22 20.65	+01 50.7	17.3	-1.02	+ 1.4	5.1/29.2	16109
2000 GU ₉₃	2001 08 25.9	22 19.10	-30 46.9	19.1	-0.93	- 4.1	6.5/19.7	1607	2000 EL ₁₃₄	2001 08 26.3	22 20.66	-18 08.0	18.6	-0.94	- 7.1	2.9/23.9	15721
2001 OZ ₄	2001 08 25.9	22 19.10	+07 27.1	17.4	-0.88	- 5.3	7.5/31.8	16108	2001 OC ₉₆	2001 08 26.4	22 20.73	+01 02.6	18.1	-0.90	- 2.2	3.6/29.6	15921
2001 OS ₅	2001 08 26.0	22 19.12	+05 49.9	18.1	-0.72	- 5.2	5.6/31.5	16108	1999 ER ₆	2001 08 26.4	22 20.76	-06 33.7	19.2	-0.85	- 6.4	1.4/27.6	15635
1995 UM ₅	2001 08 26.0	22 19.14	-08 02.0	18.4	-1.06	- 3.7	1.1/26.7	16006	2000 CB ₃₃	2001 08 26.4	22 20.79	-10 39.4	16.6	-0.85	- 9.7	0.2/26.3	16048
2001 QA ₅₀	2001 08 26.0	22 19.14	-13 46.3	17.0	-0.88	- 4.1	1.4/25.0	15976	2000 FM ₁₈	2001 08 26.4	22 20.80	-09 36.6	17.6	-0.78	-11.1	0.2/26.7	16061
2000 GB ₁₄₉	2001 08 26.0	22 19.16	-17 37.9	17.3	-1.08	+ 0.1	3.4/24.3	15762	2001 MA ₁₃	2001 08 26.4	22 20.83	+01 05.8	16.8	-1.01	+ 0.5	4.9/29.0	15837
2001 OF ₆₈	2001 08 26.0	22 19.16	-22 21.1	17.9	-0.70	-11.6	5.0/21.4	16120	2000 GV ₁₀₁	2001 08 26.4	22 20.86	+08 15.0	18.1	-0.82	- 8.3	6.9/02.1	16068
2000 CJ ₇₅	2001 08 26.0	22 19.16	-11 56.4	17.9	-1.00	- 5.3	0.6/25.6	16050	2001 OH ₁₃	2001 08 26.4	22 20.88	-25 52.3	17.7	-1.01	-24.6	6.7/19.9	15864
1998 RR ₇₇	2001 08 26.0	22 19.18	-12 36.4	18.0	-0.97	- 6.7	0.8/25.4	16020	2000 HJ ₇₃	2001 08 26.4	22 21.00	-25 55.4	18.0	-0.86	- 7.9	5.6/21.1	15783
2000 FJ ₃	2001 08 26.0	22 19.25	-28 23.4	16.7	-0.85	- 8.7	6.9/19.7	16060	2001 QR ₅₃	2001 08 26.5	22 21.10	-19 21.6	19.3	-1.04	- 5.2	3.7/23.9	15977
2000 HG ₃₁	2001 08 26.0	22 19.27	-22 45.2	18.3	-0.83	- 8.9	4.1/21.8	16073	2000 HX ₈₀	2001 08 26.5	22 21.18	-04 48.6	16.2	-0.63	-14.0	2.2/28.7	16076
1997 RO ₈	2001 08 26.0	22 19.28	-11 07.8	18.3	-0.93	- 2.5	0.3/25.9	15585	2001 OH ₆₃	2001 08 26.5	22 21.20	-11 59.2	17.2	-0.68	- 9.8	0.7/25.9	15892
1997 XQ ₅	2001 08 26.0	22 19.36	-20 51.0	19.0	-0.95	- 3.8	3.4/23.0	36802	1997 JX ₁₁	2001 08 26.5	22 21.21	-22 59.6	17.9	-0.95	- 3.6	6.1/22.9	16010
1033 T-2	2001 08 26.0	22 19.40	-01 24.7	17.4	-0.70	- 8.5	3.5/29.3	15988	1993 TV ₁₅	2001 08 26.5	22 21.22	-17 23.8	18.1	-0.86	- 2.5	3.4/24.5	16003
1048 T-3	2001 08 26.0	22 19.46	-04 39.7	16.3	-1.03	- 0.9	2.8/27.5	15990	2000 JC ₁₂	2001 08 26.5	22 21.26	-30 31.9	16.9	-0.98	- 2.8	8.7/20.2	16077
2000 FK ₄₆	2001 08 26.0	22 19.47	-20 41.7	18.5	-0.98	- 5.8	3.7/23.0	16062	1993 FO ₂₄	2001 08 26.5	22 21.26	-12 14.4	18.5	-0.77	- 3.3	0.6/26.0	16001
2000 HJ ₅₀	2001 08 26.0	22 19.47	-01 04.4	18.6	-0.83	- 5.8	3.1/29.1	2775	2000 GW ₁₂₁	2001 08 26.5	22 21.27	-23 30.6	19.1	-0.80	- 7.3	5.1/22.0	7027
2001 MR ₂₃	2001 08 26.0	22 19.49	-05 49.3	16.8	-1.05	+ 1.4	2.5/27.1	16103	2001 OZ ₆₆	2001 08 26.5	22 21.33	-27 20.8	18.7	-0.81	- 4.3	5.3/21.0	15894
2001 OO ₆	2001 08 26.1	22 19.51	+00 56.3	18.2	-0.70	- 5.4	3.5/29.9	15861	2001 MM ₂₇	2001 08 26.5	22 21.34	-04 51.2	17.0	-0.78	- 2.7	1.7/28.2	15843
2000 EL ₈₈	2001 08 26.1	22 19.55	+22 36.7	16.8	-1.33	+ 7.4	17.8/01.4	16057	2000 KQ ₁₃	2001 08 26.5	22 21.36	-05 55.2	18.3	-0.75	- 5.1	1.5/28.0	15805
2001 OF ₈₀	2001 08 26.1	22 19.56	-28 42.3	19.0	-0.98	- 2.8	6.5/20.9	15907	2001 OG ₁₃	2001 08 26.5	22 21.36	-13 43.4	16.5	-0.68	- 2.8	1.0/25.5	15864
1999 CD ₈₆	2001 08 26.1	22 19.62	-14 18.0	18.7	-0.80	- 6.8	1.3/24.9	16034	2000 JX ₃₅	2001 08 26.5	22 21.38	-13 52.1	17.8	-0.82	- 4.2	1.2/25.5	16079
2000 JJ ₂₃	2001 08 26.1	22 19.64	-03 36.7	17.3	-0.89	- 2.5	2.4/28.0	16078	2001 OC ₆₇	2001 08 26.5	22 21.39	-27 11.5	17.2	-0.99	- 3.2	7.6/21.7	15895
2001 QJ ₁₅	2001 08 26.1	22 19.65	-14 32.9	17.0	-1.04	- 0.5	1.6/25.1	15965	2001 ON ₅	2001 08 26.6	22 21.32	+04 36.6	17.9	-0.73	- 4.6	4.5/31.5	16108
2000 JB ₁₈	2001 08 26.1	22 19.71	-12 59.9	18.3	-0.92	- 6.2	0.9/25.4	16077	2000 JW ₁₅	2001 08 26.6	22 21.34	-15 28.1	17.2	-0.83	- 5.2	1.9/25.0	16077
2000 KO ₆₁	2001 08 26.1	22 19.73	-30 33.7	19.5	-0.93	- 5.2	6.3/19.6	16083	2001 PC ₃₃	2001 08 26.6	22 21.40	-23 00.0	16.3	-1.16	+ 2.1	5.6/23.7	15952
2001 OG ₂₀	2001 08 26.1	22 19.75	+14 34.6	16.4	-0.63	- 9.7	8.3/05.3	15867	2000 GG ₂₀	2001 08 26.6	22 21.42	+04 03.4	17.8	-0.67	-10.4	6.0/01.2	16063
2000 DU ₆₁	2001 08 26.1	22 19.77	-10 11.8	18.9	-0.90	- 7.4	0.1/26.2	10952	2001 OM ₆₈	2001 08 26.6	22 21.49	-18 24.7	17.0	-0.70	-13.9	3.4/23.4	15896
2033 T-3	2001 08 26.1	22 19.83	-00 03.7	19.3	-0.94	- 5.2	4.4/29.0	15990	1994 TE ₁₂	2001 08 26.6	22 21.49	-16 32.9	18.1	-0.95	- 3.3	2.9/24.9	16004
1999 AZ	2001 08 26.1	22 19.83	-28 16.9	18.8	-0.90	- 6.9	5.6/20.1	16029	2001 OH ₆₅	2001 08 26.6	22 21.50	-27 05.3	17.4	-0.77	- 5.3	5.3/21.0	15893
2000 DN ₃₃	2001 08 26.1	22 19.89	-06 21.2	17.8	-0.93	- 5.2	1.7/27.4	15689	2000 DN ₂₈	2001 08 26.6	22 21.55	-12 12.1	17.9	-0.92	- 6.2	0.8/26.1	16051
2000 JD ₃₂	2001 08 26.2	22 19.86	+10 35.9	17.5	-0.84	- 3.9	7.1/01.9	16078	2001 PD ₄₇	2001 08 26.6	22 21.56	-09 49.6	17.6	-0.80	- 4.4	0.1/26.8	15956
2001 OU ₉₅	2001 08 26.2	22 19.87	+00 58.4	19.0	-0.89	- 2.2	4.2/29.4	15920	2000 EJ ₂₅	2001 08 26.6	22 21.56	-09 39.5	17.0	-0.87	- 5.8	0.3/26.8	15703
1999 BB ₃₂	2001 08 26.2	22 19.90	-06 26.4	18.0	-0.99	- 1.7	1.8/27.2	16031	2001 QK ₅₃	2001 08 26.6	22 21.56	-16 58.0	18.1	-0.92	- 1.8	3.1/24.8	15977

2000 DT ₅₅	2001 08 26.6	22 21.58	-10 44.3	17.5	-0.79	- 8.6	0.2/26.5	16052	2001 OA ₅	2001 08 27.2	22 23.59	+08 31.1	16.8	-0.77	- 2.9	5.7/02.0	15860
2001 MZ ₁₈	2001 08 26.6	22 21.60	+06 42.8	17.5	-0.68	-10.6	6.7/02.3	15840	2000 GM ₃₁	2001 08 27.2	22 23.72	-04 53.2	19.3	-0.91	- 7.3	1.9/28.9	3554
2001 OE ₇	2001 08 26.6	22 21.61	-00 42.7	16.8	-0.84	- 1.6	3.3/29.3	16108	2000 DX ₄	2001 08 27.2	22 23.85	-18 39.7	17.4	-0.98	- 3.4	3.9/24.9	15686
2000 JR ₂₀	2001 08 26.6	22 21.69	-08 44.0	18.8	-0.98	- 3.9	0.5/27.1	16078	1985 RA ₁	2001 08 27.2	22 23.86	+06 45.3	16.0	-0.92	0.0	7.7/31.8	15997
2000 GT ₆₉	2001 08 26.7	22 21.80	-13 27.7	18.4	-0.89	- 4.5	1.1/25.8	16066	1995 GP ₇	2001 08 27.2	22 23.87	-18 43.5	18.5	-0.84	- 4.9	3.0/24.6	16005
2627 P-L	2001 08 26.7	22 21.88	-17 58.4	18.5	-0.90	- 3.5	2.7/24.5	16167	1999 GY ₁₄	2001 08 27.3	22 23.89	-10 16.3	19.2	-0.74	- 4.4	0.1/27.2	15639
2000 EX ₃₈	2001 08 26.7	22 21.89	-12 16.4	18.5	-0.97	- 3.8	0.7/26.2	16055	2001 MK ₂₇	2001 08 27.3	22 24.10	-06 49.6	16.8	-0.83	- 1.7	1.0/28.2	16103
1999 CL ₁₀₀	2001 08 26.7	22 21.93	-10 55.7	19.2	-0.79	- 7.0	0.2/26.5	16034	4189 P-L	2001 08 27.3	22 24.14	-04 24.9	19.3	-0.90	- 4.3	1.9/29.0	16167
2001 OC ₅	2001 08 26.7	22 22.00	+17 33.2	16.6	-1.14	+ 9.7	13.2/31.3	16108	2000 DG ₈₆	2001 08 27.3	22 24.31	-17 46.4	18.3	-0.93	- 7.2	3.0/24.9	15696
1981 EN ₃₉	2001 08 26.7	22 22.02	-07 15.4	18.4	-0.80	- 5.6	1.0/27.7	15997	2000 CQ ₉₀	2001 08 27.4	22 24.47	+03 21.2	18.4	-0.96	- 6.5	5.8/31.7	16050
2001 LB ₁₃	2001 08 26.7	22 22.04	+10 15.9	17.0	-0.93	- 1.8	8.1/01.9	16099	2000 JG ₂	2001 08 27.4	22 24.52	-47 24.5	20.6	-1.17	- 2.6	10.2/15.3	1639
2000 KG ₄₆	2001 08 26.7	22 22.10	-25 06.6	17.8	-0.77	- 5.9	4.5/21.8	16083	2001 OB ₅	2001 08 27.4	22 24.58	+12 01.4	17.1	-0.85	- 0.6	7.5/02.6	16108
2000 HJ ₆	2001 08 26.8	22 22.13	-13 23.6	18.8	-0.77	- 4.0	1.1/25.8	15765	2000 JE ₁₅	2001 08 27.4	22 24.60	-23 05.2	18.8	-0.80	- 4.2	3.7/23.4	2778
1998 XE ₁₈	2001 08 26.8	22 22.14	-23 02.6	18.7	-0.97	- 4.8	5.0/23.0	16027	2000 HH ₄₅	2001 08 27.5	22 24.61	-17 26.7	18.7	-1.00	- 5.5	2.9/25.3	16074
1998 XN ₁₆	2001 08 26.8	22 22.16	+27 49.7	17.2	-1.24	+ 4.2	15.0/04.2	16027	2000 HF ₁₅	2001 08 27.5	22 24.64	-00 16.1	19.1	-0.70	- 8.7	3.1/31.0	16072
1998 WE ₇	2001 08 26.8	22 22.23	-36 59.6	17.3	-1.04	- 3.5	9.8/18.5	16025	2000 GO ₁₂₅	2001 08 27.5	22 24.69	-10 58.9	16.7	-0.81	- 9.1	0.4/27.2	16069
1993 RT ₇	2001 08 26.8	22 22.24	-10 04.5	17.7	-0.92	- 4.0	0.0/26.9	16003	1997 WL ₅₇	2001 08 27.5	22 24.72	-11 21.7	16.7	-0.74	- 7.2	0.6/27.0	6762
2001 OA ₆₇	2001 08 26.8	22 22.30	-26 16.9	19.1	-0.91	- 2.3	6.9/22.1	15894	1999 FH ₅₁	2001 08 27.5	22 24.80	-08 39.3	17.7	-0.85	- 2.1	0.4/27.9	15639
2000 GE ₉₂	2001 08 26.8	22 22.43	-04 04.9	16.9	-0.71	-12.0	2.3/29.2	16067	1998 FC ₃₅	2001 08 27.5	22 24.81	-04 55.1	18.0	-0.72	- 6.2	1.4/29.0	32257
1996 HU ₄	2001 08 26.8	22 22.47	-11 00.0	20.1	-0.86	- 6.7	0.3/26.6	8013	1995 CF ₁	2001 08 27.5	22 24.88	-20 08.8	18.2	-0.89	- 6.6	3.3/24.2	16005
2001 PT ₇	2001 08 26.9	22 22.41	-23 22.4	17.7	-1.11	- 3.3	5.9/23.4	15940	1993 BA ₃	2001 08 27.5	22 24.95	-03 03.4	17.2	-0.81	- 2.5	2.1/29.6	16001
1995 MK ₁	2001 08 26.9	22 22.48	+02 08.3	18.8	-0.71	- 7.3	4.1/31.3	15570	1998 SJ ₂₅	2001 08 27.5	22 24.95	-17 06.8	17.6	-0.97	- 7.3	2.8/25.3	16020
3081 T-3	2001 08 26.9	22 22.50	-14 41.9	18.7	-0.82	- 4.3	1.6/25.5	16170	2000 EV ₁₄₁	2001 08 27.5	22 25.02	-22 49.9	19.4	-0.97	- 6.2	4.3/23.5	2428
1998 XV ₁₅	2001 08 26.9	22 22.51	-12 42.2	18.1	-0.99	- 2.8	1.0/26.2	16027	2000 GE ₁₃₇	2001 08 27.6	22 24.99	-22 04.1	17.4	-0.87	- 8.0	4.1/23.5	16070
1997 SR ₂₅	2001 08 26.9	22 22.60	-01 58.8	19.4	-0.77	-10.5	2.8/29.9	16011	1996 HY ₂₂	2001 08 27.6	22 25.22	-07 10.1	19.0	-0.86	- 5.7	0.9/28.5	1419
1991 RE ₃	2001 08 26.9	22 22.60	-06 58.5	17.1	-0.92	- 0.2	1.7/27.7	15561	2001 QQ ₁₅	2001 08 27.6	22 25.25	-18 27.9	17.3	-1.00	+ 0.3	3.2/25.5	15966
2000 GS ₁₁₁	2001 08 26.9	22 22.60	-19 16.4	19.0	-1.09	- 3.7	3.8/24.4	15755	3243 T-2	2001 08 27.6	22 25.31	-12 12.5	17.9	-1.00	- 6.4	1.0/27.0	16169
2000 HJ ₄₁	2001 08 26.9	22 22.60	-24 40.5	18.7	-0.77	- 6.5	4.4/22.0	15775	2001 QM ₁₅	2001 08 27.7	22 25.36	-17 25.8	17.5	-0.92	- 7.9	3.2/25.2	15966
1998 QK ₆₃	2001 08 26.9	22 22.61	-00 46.6	17.9	-0.92	- 7.2	4.4/29.9	16018	2001 QQ ₁₃₀	2001 08 27.7	22 25.40	-01 22.7	18.4	-0.87	- 5.2	3.7/30.3	15985
2000 EM ₇₀	2001 08 26.9	22 22.67	-07 03.2	18.9	-0.91	- 5.9	1.1/27.9	2407	1998 RZ ₅₅	2001 08 27.7	22 25.40	-07 59.2	16.0	-1.07	- 3.9	0.8/28.2	16019
4236 P-L	2001 08 26.9	22 22.68	-13 10.2	17.2	-1.10	- 0.8	1.4/26.2	16167	2000 EG ₁₂₅	2001 08 27.7	22 25.44	-18 10.3	16.8	-0.94	- 1.7	3.5/25.5	16058
2001 NT	2001 08 27.0	22 22.84	+22 27.4	17.5	-0.90	-12.1	13.8/10.0	16104	1993 FO ₃₂	2001 08 27.7	22 25.45	-09 58.5	18.0	-0.91	- 6.0	0.0/27.7	16002
2001 OJ ₇	2001 08 27.0	22 22.88	-03 03.7	16.3	-0.91	- 1.6	2.7/28.9	16109	2000 AM ₂₃₃	2001 08 27.7	22 25.45	-14 52.7	18.3	-0.94	- 5.9	1.8/26.2	16047
2000 CC ₂₆	2001 08 27.0	22 22.90	-09 58.0	16.9	-0.82	- 9.2	0.1/27.1	16048	2000 DG ₁₀₁	2001 08 27.7	22 25.51	-16 31.6	20.6	-0.98	- 5.4	2.4/25.8	5710
1997 EU ₃	2001 08 27.0	22 22.96	-09 56.6	19.3	-1.00	- 6.0	0.1/27.1	16009	1996 RE ₂₆	2001 08 27.7	22 25.62	-19 00.5	17.0	-2.04	+11.8	5.0/27.0	15579
2000 EH ₄₃	2001 08 27.0	22 22.99	-08 49.6	19.4	-0.86	- 5.9	0.5/27.4	16055	2001 PO	2001 08 27.7	22 25.73	+24 50.6	18.9	-0.86	- 3.7	11.5/09.2	15932
2000 LZ ₃₄	2001 08 27.0	22 22.99	+01 35.1	19.6	-0.74	- 6.0	3.9/31.0	15817	2000 GU ₂₉	2001 08 27.8	22 25.79	-28 12.1	16.4	-1.09	+ 1.9	8.2/23.4	16064
2000 AU ₉₅	2001 08 27.0	22 23.17	+06 12.0	17.9	-1.39	+ 2.6	7.5/30.3	16045	2001 OG ₈₂	2001 08 27.8	22 25.84	-24 29.1	17.9	-0.91	- 5.9	6.2/23.1	15910
2000 CG ₄₀	2001 08 27.0	22 23.17	-15 09.8	16.6	-1.80	+12.1	2.9/26.6	15672	1997 TX ₁₀	2001 08 27.8	22 25.92	-03 45.6	19.5	-0.81	- 8.0	2.1/29.9	35702
2000 HV ₁₁	2001 08 27.1	22 23.14	-06 08.3	19.1	-0.86	- 5.2	1.4/28.3	15767	4633 T-2	2001 08 27.8	22 25.94	-14 21.9	18.2	-0.80	- 5.6	1.5/26.4	15989
2000 HM ₅	2001 08 27.1	22 23.17	-23 17.5	18.8	-1.01	- 5.1	4.7/23.1	16071	2000 LV ₈	2001 08 27.8	22 25.96	-32 31.9	16.7	-0.80	- 5.0	6.7/19.9	15815
2159 T-2	2001 08 27.1	22 23.22	-11 35.6	17.8	-0.89	- 5.1	0.6/26.7	16169	1995 CZ ₁	2001 08 27.8	22 26.00	+23 58.0	17.9	-1.30	+ 2.6	16.5/06.1	15569
1999 CY ₅₆	2001 08 27.1	22 23.40	-13 04.3	17.8	-0.96	- 2.6	1.1/26.3	15626	2001 MW ₂₉	2001 08 27.8	22 26.01	+11 06.6	16.9	-0.85	- 3.4	7.3/03.6	15845
2000 HR ₃₅	2001 08 27.1	22 23.43	-29 32.9	18.5	-0.80	- 4.4	6.7/20.8	15774	1990 SB ₁₃	2001 08 27.8	22 26.03	-09 10.9	16.9	-0.76	- 4.8	0.3/28.1	15560
1996 HO ₁₄	2001 08 27.1	22 23.44	-16 16.8	17.7	-0.90	- 4.3	2.4/25.3	16007	2000 FZ ₁₁	2001 08 27.8	22 26.10	-27 02.4	17.4	-0.93	- 3.8	6.2/22.8	16060
1997 WL ₁₃	2001 08 27.1	22 23.48	+01 51.5	17.8	-0.84	- 3.9	4.2/30.7	16013	2001 MW ₂₃	2001 08 27.9	22 26.10	-11 15.3	16.6	-0.93	+ 1.4	0.7/27.6	16103
2001 NB	2001 08 27.1	22 23.53	+25 38.3	16.1	-0.86	+ 1.2	16.2/08.1	16104	1997 UB ₂₀	2001 08 27.9	22 26.12	+02 14.8	18.9	-0.85	- 4.0	3.8/31.6	16012
2001 OY ₇₆	2001 08 27.1	22 23.53	-25 08.1	19.3	-0.81	- 6.4	4.9/22.0	15906	2000 EN ₄₃	2001 08 27.9	22 26.15	-07 02.9	18.6	-0.91	- 8.3	1.1/28.8	16055
2001 MO ₂₃	2001 08 27.1	22 23.54	-08 35.4	16.4	-0.79	- 1.5	0.7/27.6	15841	2000 HQ ₁₀	2001 08 27.9	22 26.21	-13 23.7	17.3	-0.77	- 4.4	1.2/26.8	16072
2001 ME ₁₄	2001 08 27.2	22 23.53	-05 25.6	16.8	-0.80	- 2.6	1.7/28.5	15838	2000 JH ₉	2001 08 27.9	22 26.36	-12 11.0	18.1	-0.86	- 3.2	0.8/27.3	16077
2000 GC ₅₇	2001 08 27.2	22 23.57	-12 21.9	17.9	-0.87	- 4.1	0.9/26.5	15745	2000 JW ₁₈	2001 08 27.9	22 26.44	-26 31.1	18.6	-0.74	- 7.3	4.8/22.1	15792

2000 GY ₇₉	2001 08 27.9	22 26.51 -05 51.7 18.5	-0.94 - 4.4	1.4/29.1	16066	2000 GQ ₁₈₂	2001 08 28.6	22 28.84 -13 29.1 20.9	-0.84 - 6.6	1.2/27.4	3934
2000 GZ ₈₇	2001 08 28.0	22 26.45 -22 04.2 18.1	-0.97 - 6.0	4.6/24.1	16067	1998 WW ₄	2001 08 28.6	22 28.96 -43 23.3 18.7	-1.14 - 9.5	11.9/14.5	6220
5062 T-2	2001 08 28.0	22 26.45 +05 01.5 16.8	-0.77 - 1.6	7.5/01.5	15989	2001 MZ ₂	2001 08 28.6	22 28.97 +02 48.4 18.2	-0.72 - 3.4	3.2/01.6	16100
1991 RP ₁₈	2001 08 28.0	22 26.54 -08 53.5 16.8	-0.88 - 3.8	0.4/28.3	16000	2000 JZ ₆₃	2001 08 28.6	22 28.97 -14 11.1 19.2	-0.95 - 5.2	1.6/27.3	1364
2000 GF ₅₉	2001 08 28.0	22 26.58 +04 18.3 18.4	-0.76 - 8.1	4.7/02.0	16065	2000 GA ₃₀	2001 08 28.6	22 28.98 +03 25.5 18.3	-0.77 - 8.1	4.5/02.3	16064
2000 GH ₄₆	2001 08 28.0	22 26.63 +02 38.8 18.5	-0.78 - 8.0	4.1/01.4	1597	1996 FD ₄	2001 08 28.6	22 29.03 -11 04.8 18.3	-0.99 - 4.2	0.5/28.2	16007
1999 CA ₁₇	2001 08 28.0	22 26.68 -17 49.7 18.4	-0.90 - 6.2	2.8/25.5	16032	2000 KS ₁₀	2001 08 28.7	22 29.02 -30 57.0 18.2	-0.88 - 3.6	7.1/21.8	15804
2000 GR ₁₇₉	2001 08 28.0	22 26.77 -00 16.9 18.2	-0.82 - 8.3	4.2/31.3	16071	2001 QZ ₉	2001 08 28.7	22 29.08 -05 22.4 17.9	-0.89 - 6.4	2.0/30.0	15961
2001 QO ₁₀	2001 08 28.0	22 26.80 -10 44.6 18.3	-0.83 - 4.4	0.3/27.8	15962	2000 HL ₅₄	2001 08 28.7	22 29.14 -31 38.8 18.2	-0.97 - 4.0	7.1/21.6	16074
2001 PA ₈	2001 08 28.0	22 26.88 -21 29.8 18.1	-1.10 + 3.1	6.3/25.6	15940	2001 QM ₁₀	2001 08 28.7	22 29.16 -09 59.5 17.3	-0.93 - 4.2	0.2/28.6	15962
2155 T-1	2001 08 28.1	22 26.99 -12 19.8 18.9	-0.74 - 4.3	0.7/27.3	3841	2000 GC ₅₈	2001 08 28.7	22 29.24 -20 59.2 16.7	-1.10 - 2.3	4.8/25.6	16065
1998 UR ₄₄	2001 08 28.1	22 27.16 -21 15.0 18.9	-1.11 - 3.2	4.8/25.0	16024	2000 CH ₂	2001 08 28.7	22 29.24 -15 03.7 17.0	-1.13 - 1.0	2.4/27.4	16048
2000 CD ₇₈	2001 08 28.1	22 27.17 -08 51.8 18.5	-0.91 - 6.0	0.3/28.4	16050	2001 QN ₁₀	2001 08 28.7	22 29.27 -10 04.3 17.8	-0.94 - 4.6	0.3/28.6	15962
2786 P-L	2001 08 28.1	22 27.17 -25 05.9 18.7	-1.04 - 2.1	5.2/23.9	16167	2000 HH ₅₂	2001 08 28.8	22 29.34 -18 16.7 19.4	-0.97 - 4.8	3.0/26.2	16074
2000 HE ₁₆	2001 08 28.1	22 27.21 -14 41.9 16.2	-0.75 - 4.6	1.9/26.6	10607	2000 KH	2001 08 28.8	22 29.35 -08 35.7 19.2	-0.78 - 5.2	0.3/29.1	15803
2001 OJ ₁₄	2001 08 28.2	22 27.15 -15 58.2 16.7	-0.81 -12.5	2.8/25.9	15865	1998 UE ₁₉	2001 08 28.8	22 29.37 -08 50.8 17.8	-0.93 - 7.8	10.9/09.0	16023
2001 OJ ₅	2001 08 28.2	22 27.30 +09 34.8 16.7	-0.96 + 0.6	8.4/02.1	16108	4051 T-3	2001 08 28.8	22 29.41 -00 48.2 17.0	-0.76 -10.5	3.2/01.0	16170
1998 WW ₉	2001 08 28.2	22 27.41 -10 22.0 18.6	-0.90 - 6.0	0.2/28.0	16025	1994 CX ₃	2001 08 28.8	22 29.48 -13 38.1 18.0	-0.66 -13.4	1.5/27.2	12109
2000 EO ₁₀₇	2001 08 28.2	22 27.42 -12 38.5 17.8	-0.78 -20.0	1.1/27.0	16058	2000 HV ₈₇	2001 08 28.8	22 29.51 -32 34.1 17.9	-0.87 - 2.6	8.2/21.5	15786
2000 LG ₃₆	2001 08 28.2	22 27.46 -15 50.4 19.7	-0.85 - 5.4	1.8/26.3	3626	2000 DA ₃₄	2001 08 28.8	22 29.63 -07 56.9 19.6	-0.95 - 4.8	0.6/29.3	2748
6783 P-L	2001 08 28.2	22 27.47 -17 28.8 17.8	-0.90 - 3.2	3.1/26.0	16168	2000 JB ₁	2001 08 28.8	22 29.67 -18 55.5 17.7	-0.96 - 2.3	4.0/26.2	15788
2000 KZ ₆	2001 08 28.2	22 27.50 -26 29.6 18.3	-0.79 - 5.1	5.1/22.7	15804	1996 HE ₂₅	2001 08 28.8	22 29.74 -06 23.0 17.8	-0.83 - 6.4	1.1/29.9	16007
2000 HL ₉₂	2001 08 28.3	22 27.51 -17 40.9 18.8	-0.80 - 8.5	2.6/25.5	3934	2000 EQ ₁₂₀	2001 08 28.8	22 29.77 -24 15.1 16.2	-0.92 - 2.2	6.5/24.7	16058
2000 EG ₁₀₆	2001 08 28.3	22 27.51 -10 47.0 15.2	-0.47 -17.3	0.5/27.8	16058	1999 JK ₁₀₅	2001 08 28.9	22 29.74 +09 58.4 17.8	-0.71 - 4.1	5.5/04.4	16040
2666 T-3	2001 08 28.3	22 27.60 -10 55.9 17.6	-0.97 - 4.2	0.6/28.0	16170	1994 HW	2001 08 28.9	22 29.77 +02 52.3 19.5	-0.69 - 6.5	3.8/02.2	16004
2000 CZ ₉₆	2001 08 28.3	22 27.63 +00 22.7 17.2	-0.97 - 5.0	4.7/31.3	16051	2000 DK ₇₁	2001 08 28.9	22 29.95 -03 36.3 18.6	-0.79 - 9.8	1.9/31.0	15693
2000 GS ₁₀₀	2001 08 28.3	22 27.69 -04 30.3 17.3	-0.85 - 5.2	2.0/29.9	16068	2190 T-1	2001 08 28.9	22 30.04 -16 39.6 18.3	-0.93 - 4.3	2.5/26.8	16168
2001 MU ₄	2001 08 28.3	22 27.70 -18 14.4 17.9	-0.74 -10.2	3.5/25.2	16100	2000 EL ₇₀	2001 08 28.9	22 30.09 -16 21.0 16.7	-1.06 - 0.4	3.3/27.3	15712
2000 DV ₈₀	2001 08 28.3	22 27.73 -17 45.5 16.9	-0.93 - 6.6	3.7/25.8	15695	2001 OD ₅	2001 08 28.9	22 30.11 +10 36.9 17.6	-0.79 - 2.4	6.8/04.3	15860
1997 GJ ₆	2001 08 28.3	22 27.74 -15 34.6 18.1	-0.92 - 4.8	2.8/26.6	15582	2001 MO ₅	2001 08 29.0	22 30.13 +04 53.7 18.2	-0.88 - 5.1	5.4/02.4	15834
4162 P-L	2001 08 28.3	22 27.79 -05 18.4 19.2	-0.86 - 5.0	1.5/29.7	3836	2000 GL ₁₂₅	2001 08 29.0	22 30.24 -13 11.1 17.5	-0.82 - 8.4	1.4/27.7	16069
2000 GG ₁₅₃	2001 08 28.3	22 27.81 -05 18.4 17.7	-1.01 - 3.8	1.8/29.6	15762	1997 SK ₃₁	2001 08 29.0	22 30.27 -10 47.8 20.1	-0.91 - 4.3	0.5/28.6	34587
2000 EK ₂₅	2001 08 28.3	22 27.89 -12 13.8 18.1	-0.88 - 3.7	1.1/27.6	15703	2000 JV ₆₂	2001 08 29.0	22 30.34 -01 23.7 17.6	-0.99 - 3.2	3.3/31.3	16080
2000 HQ ₆₄	2001 08 28.3	22 27.92 -11 01.3 18.3	-0.92 - 3.8	0.5/28.0	1635	2000 HA ₄₈	2001 08 29.0	22 30.35 -09 30.7 16.4	-0.74 - 4.8	0.0/29.0	15777
2000 GV ₁₀₃	2001 08 28.3	22 27.94 -10 38.6 17.3	-0.77 - 5.5	0.3/28.1	16068	1999 DQ ₁	2001 08 29.0	22 30.38 -06 40.0 16.3	-0.93 + 0.1	0.9/29.8	15633
2001 OF ₁₃	2001 08 28.4	22 27.96 +18 51.3 17.6	-0.80 -16.4	9.6/10.4	15864	2000 GD ₁₃₄	2001 08 29.0	22 30.39 +05 14.1 17.5	-0.67 - 7.0	4.8/03.4	16070
1996 VX	2001 08 28.4	22 27.96 -19 51.7 19.1	-1.19 - 5.2	3.9/25.6	16008	2001 MG ₁₁	2001 08 29.0	22 30.46 +13 42.0 17.0	-0.61 - 8.3	11.5/07.9	16101
2001 PG ₃₃	2001 08 28.4	22 28.24 -32 19.8 18.0	-0.90 - 5.7	8.1/20.6	15952	1981 EG ₂₆	2001 08 29.0	22 30.47 -14 24.6 18.9	-0.90 - 2.7	1.5/27.7	15997
2000 EY ₁₀₉	2001 08 28.5	22 28.30 -17 05.7 17.6	-1.04 - 1.8	3.2/26.5	15717	2000 HJ ₆₆	2001 08 29.0	22 30.52 -33 02.0 18.8	-0.97 - 2.3	7.3/21.9	16075
2000 EQ ₅₄	2001 08 28.5	22 28.34 -32 30.5 18.2	-1.08 - 0.7	9.2/22.1	15710	1999 CN ₅₀	2001 08 29.1	22 30.43 -12 01.7 16.8	-0.79 -11.6	1.0/28.1	16033
1999 CH ₁₆	2001 08 28.5	22 28.36 -08 07.9 20.0	-0.92 - 4.3	0.5/29.0	16032	1998 WA ₁₄	2001 08 29.1	22 30.49 -09 53.2 18.9	-0.97 - 5.5	0.2/29.0	15605
2000 CT ₃₂	2001 08 28.5	22 28.40 -07 34.2 17.2	-1.00 - 3.5	0.8/29.1	16048	1998 VV ₁₄	2001 08 29.1	22 30.51 -10 17.5 16.6	-0.98 - 4.3	0.4/28.9	16024
2000 JW ₆₆	2001 08 28.5	22 28.53 -02 40.1 18.2	-0.70 - 8.1	2.4/31.0	15800	2000 DZ ₁₄	2001 08 29.1	22 30.52 -09 55.5 18.7	-0.91 - 6.7	0.2/28.9	16051
2001 MX ₁₂	2001 08 28.5	22 28.55 +00 44.3 17.5	-0.90 - 3.3	4.9/31.6	16101	1999 CJ ₁₀₀	2001 08 29.1	22 30.59 -09 21.0 17.9	-0.99 - 1.3	0.0/29.1	15629
2000 HA ₆₄	2001 08 28.5	22 28.56 +09 12.9 19.2	-0.82 - 7.0	6.3/04.2	1313	2000 ER ₃₀	2001 08 29.1	22 30.63 -22 58.2 18.2	-1.03 - 3.4	5.5/25.3	16054
2000 HR ₅₇	2001 08 28.5	22 28.57 -19 28.2 18.2	-0.94 - 5.2	3.5/25.5	16075	1998 SR ₁₆₄	2001 08 29.1	22 30.64 -28 36.0 17.5	-1.10 - 3.6	6.8/23.3	16022
2000 KA ₁₉	2001 08 28.5	22 28.62 -10 46.1 18.7	-0.85 - 4.8	0.4/28.2	16082	2000 EY ₉₆	2001 08 29.1	22 30.72 -19 36.8 17.3	-1.04 - 0.9	3.6/26.5	16057
1998 WY ₁₇	2001 08 28.5	22 28.66 -18 38.9 18.6	-1.03 - 4.7	3.6/25.9	16026	2001 OD ₇	2001 08 29.1	22 30.75 -08 19.0 17.0	-0.58 -14.4	0.5/29.6	16108
2000 JH ₈₄	2001 08 28.6	22 28.64 -11 29.0 18.4	-0.73 - 6.5	0.7/28.0	16081	1998 TE ₃₄	2001 08 29.1	22 30.78 -12 40.5 17.0	-0.88 - 7.8	1.6/28.1	16023
1999 FU ₄₆	2001 08 28.6	22 28.71 -18 01.9 20.0	-0.78 - 3.2	2.1/26.0	6830	2001 MN ₂₇	2001 08 29.1	22 30.83 -09 59.8 17.5	-0.69 - 7.3	0.2/29.0	16103
1999 CN ₁₂₁	2001 08 28.6	22 28.81 -31 26.7 17.3	-1.19 + 1.3	7.5/23.3	16035	2000 KB ₇₄	2001 08 29.1	22 30.85 -06 46.8 17.4	-0.85 - 8.3	1.0/30.1	15813

2000 GU ₁₂₅	2001 08 29.1	22 30.86	-28 14.6	17.8	-0.92	- 5.0	6.2/23.0	16069	2001 QV ₁₇	2001 08 29.7	22 33.03	-14 16.1	17.4	-0.82	- 9.3	2.3/28.0	15967
1994 PV ₄	2001 08 29.2	22 30.82	-08 44.9	18.2	-1.07	- 2.2	0.3/29.4	16004	1997 VR ₂	2001 08 29.7	22 33.03	+03 21.6	18.2	-0.92	- 3.0	4.8/02.5	16012
2000 JN ₂₄	2001 08 29.2	22 30.89	-10 20.1	17.6	-0.90	- 2.3	0.4/28.9	16078	2000 DY ₆₁	2001 08 29.7	22 33.04	-08 34.7	19.0	-0.90	- 6.5	0.2/30.0	16052
2001 OZ ₉₇	2001 08 29.2	22 30.91	-23 23.7	17.7	-0.46	- 9.5	7.3/23.3	16124	2000 DS ₁₀₄	2001 08 29.8	22 33.00	-18 50.1	17.5	-0.87	- 7.5	4.3/26.6	15698
1998 SC ₂₅	2001 08 29.2	22 31.02	-20 08.6	17.4	-1.07	- 3.9	4.4/26.2	16020	1999 CW ₇₀	2001 08 29.8	22 33.04	-08 43.3	18.1	-0.77	- 9.0	0.1/30.0	15628
2001 MM ₂₅	2001 08 29.2	22 31.14	-07 17.2	16.4	-0.79	- 3.7	1.0/29.9	16103	2000 EL ₉₂	2001 08 29.8	22 33.17	-12 09.3	17.6	-1.02	0.0	1.2/29.1	16057
2000 JC ₂₆	2001 08 29.2	22 31.16	+00 56.6	17.9	-0.96	- 3.8	4.1/01.2	16078	1993 VA ₅	2001 08 29.8	22 33.19	-21 16.3	18.0	-0.95	- 5.0	4.3/26.0	16003
1998 BA ₄₆	2001 08 29.3	22 31.20	-08 49.0	18.9	-0.74	- 4.3	0.1/29.5	16015	2000 GV ₁₃₆	2001 08 29.8	22 33.20	-33 09.7	17.0	-0.92	- 5.9	8.1/21.4	16070
1993 FX ₃₈	2001 08 29.3	22 31.22	-10 38.0	19.7	-0.93	- 6.8	0.5/28.9	11465	1993 TF ₁₈	2001 08 29.8	22 33.22	-14 12.6	17.8	-0.93	- 4.6	1.9/28.3	16003
2000 JK ₅₇	2001 08 29.3	22 31.25	-25 07.9	16.8	-0.75	- 5.2	4.9/23.9	15798	2000 HK ₄₂	2001 08 29.8	22 33.24	+02 20.5	18.5	-0.76	- 7.9	4.5/02.9	15776
2000 CU ₅₂	2001 08 29.3	22 31.25	-01 56.5	17.0	-0.98	- 3.3	3.0/31.4	15675	2000 GX ₁₃₆	2001 08 29.8	22 33.24	-31 17.0	18.4	-0.98	- 4.2	7.5/22.7	16070
2001 MQ ₁₂	2001 08 29.3	22 31.26	-08 13.0	16.5	-0.68	- 4.4	0.6/29.7	16101	1999 BB ₃	2001 08 29.8	22 33.24	-17 56.2	18.3	-0.88	- 6.9	3.0/26.9	16030
1998 UB ₂₁	2001 08 29.3	22 31.34	+23 00.2	19.1	-0.93	- 5.5	10.5/09.5	15036	1997 VC ₃	2001 08 29.8	22 33.35	-02 00.2	16.9	-0.83	- 4.8	3.2/01.1	16012
2001 MO ₂₅	2001 08 29.3	22 31.36	-04 41.3	16.1	-0.93	- 1.8	2.4/30.6	16103	2000 EV ₈₁	2001 08 29.8	22 33.39	-18 25.4	16.0	-0.75	- 6.1	4.9/26.7	16056
2001 PF ₈	2001 08 29.3	22 31.41	-25 00.7	19.0	-0.97	- 1.0	8.3/25.1	15940	2000 GX ₉₃	2001 08 29.8	22 33.40	-06 47.5	18.6	-0.84	-10.0	0.8/30.7	1607
2000 HM ₈₈	2001 08 29.3	22 31.52	+05 25.4	17.9	-0.85	- 5.3	4.9/03.2	15786	2000 HR ₂₆	2001 08 29.9	22 33.35	-16 44.4	18.7	-0.85	- 4.2	2.7/27.6	16072
2001 QB ₁₇	2001 08 29.3	22 31.53	-13 06.3	18.5	-0.83	- 6.1	1.4/28.1	15966	2001 QY ₆₁	2001 08 29.9	22 33.39	-08 13.7	17.7	-0.86	- 3.5	0.4/30.2	15979
2201 T-2	2001 08 29.4	22 31.67	-04 30.7	18.2	-0.91	- 6.7	1.7/30.9	16169	2001 MU ₂₃	2001 08 29.9	22 33.40	-06 19.9	17.0	-0.78	- 4.1	1.4/30.8	16103
2000 EL ₃₇	2001 08 29.4	22 31.71	-07 37.5	18.5	-0.94	- 4.8	0.6/29.9	16055	2000 KN ₁₃	2001 08 29.9	22 33.42	-17 23.4	18.2	-0.80	- 4.4	3.1/27.3	15805
1995 BK ₁	2001 08 29.4	22 31.71	-08 06.5	19.1	-0.86	- 4.8	0.4/29.8	9678	2000 EB ₃₇	2001 08 29.9	22 33.58	-10 42.7	19.2	-0.95	- 4.9	0.6/29.5	16055
2000 EG ₁₃₀	2001 08 29.4	22 31.72	-13 38.4	18.4	-1.05	- 5.1	1.8/28.2	16058	2001 PG ₈	2001 08 29.9	22 33.66	-23 41.5	18.4	-0.85	- 2.5	4.2/25.6	15940
2000 HV ₁₂	2001 08 29.4	22 31.79	-14 53.6	18.6	-0.91	- 4.6	2.1/27.8	15768	2000 FZ ₁₆	2001 08 29.9	22 33.68	-17 30.4	18.6	-0.99	- 5.6	3.1/27.4	1585
1999 CO ₅	2001 08 29.4	22 31.84	-23 31.2	18.6	-0.96	- 3.0	4.3/25.3	16031	1999 AE ₃	2001 08 29.9	22 33.71	-17 19.5	18.6	-0.79	-11.1	3.0/26.9	15612
2000 HR ₁₂	2001 08 29.4	22 31.84	-11 48.3	19.3	-0.95	- 4.8	0.9/28.7	1623	1999 GD ₃₉	2001 08 29.9	22 33.73	-15 40.8	17.7	-0.73	- 6.2	1.9/27.7	16037
1997 SC ₃	2001 08 29.4	22 31.85	-13 32.4	17.5	-0.91	- 2.0	1.9/28.3	15585	2001 MK ₉	2001 08 29.9	22 33.76	-01 10.5	18.2	-0.72	- 4.4	2.4/01.5	16101
2001 MH ₆	2001 08 29.4	22 31.86	+04 06.4	17.2	-0.71	- 4.3	4.9/02.9	16100	2001 QR ₁₀	2001 08 29.9	22 33.77	-13 15.2	17.5	-0.81	- 9.1	2.1/28.5	15962
2000 EJ ₉₄	2001 08 29.4	22 31.88	-00 57.7	17.6	-0.94	- 4.3	3.2/31.9	16057	2000 ER ₃₉	2001 08 29.9	22 33.79	-11 36.7	20.0	-0.90	- 5.0	0.8/29.2	5715
1999 CU ₉₂	2001 08 29.4	22 31.92	-17 51.8	18.7	-0.87	- 4.6	2.8/26.8	16034	2000 JD ₃₃	2001 08 30.0	22 33.75	-04 26.9	19.6	-0.86	- 4.7	1.4/31.4	16079
4045 P-L	2001 08 29.4	22 31.93	-10 21.7	17.0	-0.94	- 2.5	0.5/29.2	15987	2000 EJ ₂₉	2001 08 30.0	22 33.78	-12 47.8	17.7	-0.89	- 9.4	1.6/28.7	15704
1993 RC ₂	2001 08 29.4	22 31.97	-23 10.7	16.9	-1.20	+ 1.1	6.3/26.1	16002	1996 FQ ₂	2001 08 30.0	22 34.01	-08 49.4	19.8	-0.92	- 5.2	0.1/30.1	16007
2001 MJ ₉	2001 08 29.5	22 31.91	+03 45.0	17.8	-0.85	- 3.6	4.6/02.4	16100	1996 GO ₁₉	2001 08 30.0	22 34.11	+00 21.5	18.6	-0.84	- 6.6	3.2/02.2	16007
1999 BP ₁₃	2001 08 29.5	22 31.91	-09 43.7	17.2	-0.89	- 3.5	0.1/29.4	15618	2000 LX ₅	2001 08 30.1	22 34.13	-24 52.9	18.2	-0.82	- 3.5	4.7/25.1	16084
1236 T-1	2001 08 29.5	22 31.96	-12 26.7	17.6	-1.10	- 3.7	1.3/28.6	16168	1998 XE ₆₄	2001 08 30.1	22 34.15	-13 14.8	17.3	-1.04	- 3.7	1.8/28.9	16027
2000 AC ₂₁₆	2001 08 29.5	22 31.96	+09 04.9	17.3	-1.56	+10.5	10.4/31.6	15663	2001 PS ₃₆	2001 08 30.1	22 34.23	-34 37.3	16.6	-0.97	- 1.3	11.1/22.0	15953
2000 EM ₅₆	2001 08 29.5	22 31.98	-08 15.9	18.5	-0.92	- 5.9	0.4/29.8	16055	2001 OV ₂	2001 08 30.1	22 34.23	+05 18.5	16.3	-0.59	+ 4.0	8.9/03.1	16108
2000 KH ₇₁	2001 08 29.5	22 32.09	-24 57.6	18.4	-0.72	- 7.2	5.0/23.9	15812	1997 YL ₁₅	2001 08 30.1	22 34.39	-09 57.2	17.7	-0.75	- 4.2	0.4/29.9	16014
2000 EF	2001 08 29.5	22 32.17	-31 35.7	17.8	-0.93	- 4.5	8.3/22.4	15699	2000 GD ₉₈	2001 08 30.1	22 34.43	-07 44.3	16.6	-0.98	- 1.5	0.6/30.5	16067
2000 EL ₄₇	2001 08 29.5	22 32.19	-12 08.2	19.0	-0.96	- 4.8	1.0/28.7	16055	1986 TB ₇	2001 08 30.1	22 34.44	+08 01.8	17.0	-0.75	- 4.1	6.0/04.8	15997
1998 WL ₁₅	2001 08 29.5	22 32.20	-21 46.0	18.5	-0.97	- 6.5	4.9/25.5	16026	1979 SD	2001 08 30.1	22 34.46	-15 39.2	17.4	-0.87	- 4.3	2.5/28.1	15996
2001 PQ ₃₆	2001 08 29.5	22 32.22	-33 13.3	18.3	-0.92	- 6.1	8.6/21.2	15953	1998 SQ ₁₁₀	2001 08 30.1	22 34.48	-12 39.6	16.5	-1.09	- 1.3	1.8/29.3	16022
2000 FP ₅₈	2001 08 29.5	22 32.31	-34 59.8	16.8	-1.09	+ 1.0	12.3/22.4	15734	2000 BY ₁₇	2001 08 30.1	22 34.48	-05 13.6	17.7	-1.06	- 3.5	1.5/31.2	15666
2001 PK ₈	2001 08 29.5	22 32.34	-24 28.4	17.2	-1.09	+ 0.3	7.5/25.8	15940	2001 MN ₁₅	2001 08 30.1	22 34.49	-00 05.6	17.5	-0.83	- 2.2	3.3/01.8	16101
1999 DZ ₁	2001 08 29.6	22 32.26	-18 57.3	17.3	-0.74	- 7.1	3.0/26.2	16035	2001 ME ₉	2001 08 30.1	22 34.51	+09 53.8	16.7	-0.94	+ 0.5	8.2/04.2	16100
1997 RD ₁₀	2001 08 29.6	22 32.28	-08 10.8	16.5	-0.64	- 8.7	0.5/30.0	16011	1999 CS ₃	2001 08 30.2	22 34.67	-23 25.3	23.4	-0.92	-10.4	4.0/25.0	34319
2000 JU	2001 08 29.6	22 32.44	-34 33.8	16.3	-0.87	- 5.1	10.4/20.3	15788	1999 CZ ₂₇	2001 08 30.2	22 34.67	-29 46.6	17.4	-0.86	- 5.1	6.3/23.2	16032
1996 BQ ₅	2001 08 29.6	22 32.63	-15 07.4	19.3	-0.96	- 4.9	2.3/27.9	16006	1999 FH ₂₄	2001 08 30.2	22 34.74	-00 57.2	18.3	-0.71	- 4.5	2.2/01.9	16036
2001 OR ₂₀	2001 08 29.7	22 32.64	+15 17.5	17.6	-0.80	- 4.0	9.9/07.4	16111	2001 QG ₁₀	2001 08 30.2	22 34.76	-08 03.4	17.6	-0.85	- 5.9	0.3/30.6	15961
2000 JQ ₂₂	2001 08 29.7	22 32.64	-08 36.9	17.6	-0.77	- 3.9	0.2/29.9	16078	1346 T-2	2001 08 30.2	22 34.78	-11 30.1	19.3	-0.71	- 4.1	0.6/29.5	16168
1999 FO ₃₇	2001 08 29.7	22 32.75	-06 41.4	17.7	-0.96	- 3.0	0.9/30.4	15638	2000 HN ₄₁	2001 08 30.2	22 34.80	-03 22.5	18.8	-0.78	- 9.2	1.8/01.3	15775
2000 AT ₅	2001 08 29.7	22 32.90	+09 37.3	19.4	-1.25	+ 1.1	7.1/03.2	695	2000 HE ₃₃	2001 08 30.2	22 34.83	-08 20.4	17.2	-0.66	-10.0	0.2/30.5	16073
1997 RN ₁	2001 08 29.7	22 32.92	-04 55.3	17.1	-0.76	- 2.1	2.2/31.0	16011	2000 FU ₅	2001 08 30.2	22 34.83	-16 07.5	19.2	-1.03	- 3.2	2.7/28.3	1584

6237 P-L	2001 08 30.3	22 34.81	-02 11.5	19.0	-0.79	- 5.7	2.2/01.5	16167	2000 DH ₄	2001 08 30.9	22 37.13	-16 41.7	18.0	-0.97	- 7.2	3.4/28.4	15685
1998 YY	2001 08 30.3	22 34.86	-41 04.3	16.8	-0.94	- 7.7	11.3/17.4	9722	1998 VH ₆	2001 08 30.9	22 37.35	-22 09.6	18.1	-1.10	- 2.8	5.3/27.2	16024
1998 TB ₁₈	2001 08 30.3	22 34.96	-08 04.9	17.4	-0.65	- 7.5	0.5/30.6	16023	2000 HY ₂₆	2001 08 30.9	22 37.38	-19 30.9	17.9	-0.93	- 7.5	4.4/27.4	16072
2001 OF ₅	2001 08 30.3	22 35.03	+05 15.8	16.8	-0.72	- 6.6	6.2/04.4	16108	2000 HA ₄₁	2001 08 30.9	22 37.38	-36 47.0	19.3	-0.89	- 3.5	7.9/21.7	1629
1993 FC ₂₀	2001 08 30.3	22 35.11	-13 41.0	18.3	-0.90	- 8.5	1.8/28.8	16001	2000 GJ ₇₆	2001 08 30.9	22 37.38	-20 43.5	18.9	-0.91	- 2.8	3.7/27.5	764
1167 T-3	2001 08 30.3	22 35.24	-08 55.5	18.1	-0.97	- 2.4	0.0/30.4	15990	2000 EX ₅₀	2001 08 30.9	22 37.46	-54 05.1	19.1	-1.29	- 1.2	14.3/14.1	5717
2000 KT ₁₃	2001 08 30.4	22 35.20	-28 10.5	19.9	-0.84	- 3.4	6.1/24.2	15806	1998 VL ₃₁	2001 08 31.0	22 37.34	-31 49.6	18.3	-0.96	- 4.6	7.3/23.4	16025
1998 WN ₂	2001 08 30.4	22 35.20	+00 47.6	17.6	-1.01	- 1.1	3.6/01.9	15604	1989 SF ₂	2001 08 31.0	22 37.40	-22 27.9	18.4	-0.93	- 3.8	4.3/26.9	15998
4357 T-1	2001 08 30.4	22 35.26	-10 28.3	18.6	-0.72	- 4.6	0.4/29.9	16168	2000 HO ₃₉	2001 08 31.0	22 37.44	-34 19.2	18.7	-1.00	- 4.8	9.5/22.0	16073
1996 TD ₁₈	2001 08 30.4	22 35.37	-03 58.4	19.4	-0.71	- 4.5	1.4/01.0	31246	1056 T-2	2001 08 31.0	22 37.51	-10 43.9	17.9	-0.86	- 3.3	0.8/30.4	16168
5131 T-3	2001 08 30.4	22 35.52	-22 18.5	17.1	-0.86	- 7.6	6.2/25.8	16170	2000 DW ₆₉	2001 08 31.0	22 37.61	-12 20.5	18.7	-1.02	- 2.2	1.3/30.1	2752
2000 GH ₂₄	2001 08 30.4	22 35.60	-07 15.9	20.7	-1.01	- 6.3	0.6/31.0	15073	1999 JJ ₇₁	2001 08 31.0	22 37.68	-12 51.7	17.2	-0.72	- 6.5	1.3/29.6	15643
2000 FN ₆₈	2001 08 30.5	22 35.53	-04 52.4	19.5	-0.94	- 6.4	1.7/31.8	16063	2000 DN ₇	2001 08 31.1	22 37.76	-22 47.9	17.6	-1.04	- 4.4	5.6/26.9	16051
1999 DL ₄	2001 08 30.5	22 35.66	-14 39.5	17.8	-0.81	- 2.0	1.7/28.9	15633	1990 WF ₅	2001 08 31.1	22 37.87	-18 01.0	18.7	-0.89	- 7.0	3.3/28.0	15999
1998 AY ₆	2001 08 30.5	22 35.77	-12 33.5	18.0	-0.80	- 4.7	1.2/29.4	15591	2000 GQ ₄₂	2001 08 31.1	22 37.98	-06 07.1	19.0	-0.92	- 5.7	0.9/31.9	16064
2000 KW ₆	2001 08 30.5	22 35.84	-22 09.1	18.8	-0.75	- 5.7	4.0/26.0	16081	1997 WH ₁₀	2001 08 31.1	22 37.98	-10 29.5	18.8	-0.78	- 5.6	0.6/30.6	16013
2000 EJ ₇₉	2001 08 30.5	22 35.84	-16 07.2	18.2	-1.07	- 3.1	2.9/28.6	15713	2000 LD ₂	2001 08 31.1	22 38.02	+08 51.7	19.3	-0.85	- 4.2	5.3/05.8	16084
1999 AW ₄	2001 08 30.5	22 35.91	-13 39.4	17.0	-0.91	- 4.1	2.0/29.1	16029	1998 SB ₁₄₆	2001 08 31.1	22 38.04	-12 58.4	17.8	-1.01	- 4.5	1.7/29.9	16022
2001 PL ₃₇	2001 08 30.5	22 35.97	-31 44.8	16.1	-1.00	+ 0.8	7.8/24.4	15953	2000 EU ₁₁₃	2001 08 31.1	22 38.10	-28 26.7	17.6	-1.08	- 2.1	6.9/25.6	16058
2000 JC ₃₉	2001 08 30.6	22 36.19	-05 28.6	18.5	-0.74	- 4.2	1.0/31.7	15796	2000 ED ₅₉	2001 08 31.1	22 38.14	-05 55.5	19.7	-0.93	- 5.7	1.0/01.0	2757
2166 T-2	2001 08 30.6	22 36.25	-11 39.2	19.2	-0.76	- 3.4	0.8/29.8	34568	2000 GQ ₁₀₁	2001 08 31.2	22 38.06	+02 12.3	18.8	-0.85	- 7.0	3.9/03.8	16068
1997 WP ₂₁	2001 08 30.6	22 36.31	-32 17.2	16.8	-0.78	- 5.1	6.2/22.3	16013	2000 EK ₃	2001 08 31.2	22 38.07	-02 57.6	17.4	-0.80	-10.3	2.2/02.3	16054
2000 KJ ₈	2001 08 30.7	22 36.26	+01 14.6	18.7	-0.69	- 6.9	2.9/03.3	16081	6532 P-L	2001 08 31.2	22 38.09	-16 51.2	17.5	-0.90	- 0.3	4.1/29.0	16167
1998 VJ ₃₁	2001 08 30.7	22 36.29	-06 54.5	18.3	-1.00	- 5.4	0.8/31.3	16025	2000 HK ₆₉	2001 08 31.2	22 38.11	-17 27.9	19.7	-1.00	- 4.7	3.3/28.6	16075
2000 EK ₆₅	2001 08 30.7	22 36.30	-03 51.6	16.7	-0.73	- 7.0	2.2/01.4	16056	1998 SL ₁₄₇	2001 08 31.2	22 38.12	-13 05.6	16.9	-0.79	- 5.2	2.4/29.8	16022
1991 VQ ₉	2001 08 30.7	22 36.30	-10 32.1	18.1	-0.87	- 6.6	0.8/30.2	39944	1997 ST ₂₃	2001 08 31.2	22 38.14	-10 57.2	19.2	-0.86	- 4.1	0.9/30.5	617
2000 GM ₉₉	2001 08 30.7	22 36.40	-04 18.8	18.6	-0.96	- 5.2	1.6/01.1	16068	2000 ER ₅₆	2001 08 31.2	22 38.25	-09 39.7	18.2	-0.90	- 6.4	0.4/30.9	16056
2000 GG ₃₃	2001 08 30.7	22 36.40	-06 53.7	16.4	-0.87	- 4.7	0.9/31.3	16064	2000 GY ₁₅₇	2001 08 31.2	22 38.36	-14 34.9	18.6	-0.95	- 7.5	2.3/29.3	16071
2000 HN ₄₉	2001 08 30.7	22 36.42	-09 45.2	18.3	-0.86	- 5.4	0.3/30.4	15778	1998 UN ₂₂	2001 08 31.2	22 38.40	+00 39.9	18.8	-0.93	- 6.6	3.5/03.2	16023
1999 CQ ₁₄₉	2001 08 30.7	22 36.50	-08 00.2	19.2	-0.76	- 5.1	0.2/31.0	34332	2001 QF ₁₁	2001 08 31.2	22 38.49	-04 05.4	17.9	-0.83	- 4.8	1.8/01.7	15962
1998 WY ₆	2001 08 30.7	22 36.61	-09 48.0	17.4	-1.00	- 3.0	0.4/30.5	16025	2001 QD	2001 08 31.3	22 38.44	-11 00.4	17.7	-0.71	- 7.9	1.2/30.5	15957
1998 WE ₂₀	2001 08 30.7	22 36.64	-13 25.9	18.7	-1.02	- 4.7	1.8/29.4	16026	1997 WK ₃₈	2001 08 31.3	22 38.57	+02 48.2	18.2	-0.82	- 4.6	3.8/03.9	16013
2000 GD ₁₀₀	2001 08 30.8	22 36.75	-09 26.7	17.1	-0.99	- 3.1	0.3/30.6	15753	2000 EG ₄₈	2001 08 31.3	22 38.68	-12 07.8	18.1	-0.86	- 3.9	1.4/30.3	15708
2001 MD ₉	2001 08 30.8	22 36.76	+06 26.3	17.3	-0.87	- 2.5	6.5/04.4	16100	1993 FT ₃₄	2001 08 31.4	22 38.85	+01 11.8	18.3	-0.68	- 7.3	2.6/03.9	15564
2001 QU ₅₄	2001 08 30.8	22 36.77	-17 12.8	17.6	-1.04	- 4.6	3.9/28.4	15977	2000 JH ₆₄	2001 08 31.4	22 38.86	-05 25.6	18.9	-0.82	- 5.1	1.0/01.4	16080
2000 HZ ₈₇	2001 08 30.8	22 36.77	-35 18.2	16.4	-1.00	- 3.0	10.6/21.7	16076	2001 QY ₁₀	2001 08 31.4	22 38.87	-09 11.5	16.9	-0.78	- 7.3	0.3/31.2	15962
2001 QG	2001 08 30.8	22 36.78	-08 32.5	18.7	-0.82	- 4.5	0.1/30.9	15958	2000 HM ₇₈	2001 08 31.4	22 38.88	-02 28.9	17.7	-1.02	- 4.3	2.5/02.2	16076
1998 XX ₉	2001 08 30.8	22 36.79	-29 26.6	18.4	-0.97	- 3.8	6.5/24.3	16026	2000 CG ₁₀₂	2001 08 31.4	22 38.89	-03 45.6	18.9	-0.91	- 7.5	1.9/02.0	16051
1999 BP ₁₅	2001 08 30.8	22 36.84	-23 54.1	18.0	-0.85	- 6.9	4.7/25.6	16030	2000 HT ₉	2001 08 31.4	22 38.90	-35 40.3	19.7	-0.94	- 1.9	7.7/23.1	1622
1998 VW ₃₀	2001 08 30.8	22 36.86	-10 12.4	17.3	-0.95	- 4.3	0.7/30.4	16025	1999 FO ₇	2001 08 31.4	22 38.93	-20 11.1	17.3	-1.52	+ 3.0	5.0/29.1	15636
2000 FD ₂₂	2001 08 30.8	22 36.87	-21 54.4	18.0	-0.91	- 5.8	5.5/26.6	16061	2000 JZ ₄₁	2001 08 31.4	22 39.08	-07 23.2	19.2	-0.81	- 5.6	0.4/31.8	16079
1996 JL ₁	2001 08 30.8	22 36.88	-34 09.6	18.3	-1.01	- 2.6	9.3/22.9	16007	2001 MX ₂₃	2001 08 31.4	22 39.10	-11 03.4	16.5	-0.78	- 4.2	1.3/30.7	15842
2000 JX ₆	2001 08 30.8	22 36.88	-03 48.9	19.0	-0.66	- 9.2	1.4/01.7	14414	2001 QO ₅₇	2001 08 31.4	22 39.10	-16 18.4	18.0	-0.76	-11.0	2.9/28.6	15978
2001 OU ₂₀	2001 08 30.8	22 36.89	+21 35.5	17.2	-0.79	- 1.5	10.0/10.0	15868	1991 RC ₅	2001 08 31.4	22 39.14	-15 51.8	16.9	-0.88	- 1.9	2.3/29.4	16000
2000 GD ₄₈	2001 08 30.8	22 37.01	-28 54.2	18.1	-1.02	- 0.1	7.2/25.5	16064	2000 JH ₆₃	2001 08 31.4	22 39.17	+02 58.1	17.5	-0.84	- 3.2	4.4/04.0	15800
2000 GC ₆₆	2001 08 30.8	22 37.02	-10 31.3	18.9	-0.94	- 5.1	0.6/30.3	1600	1999 XJ ₁₁₁	2001 08 31.4	22 39.18	-54 55.6	17.1	-1.21	- 3.1	19.4/14.0	40417
2000 HM ₄₁	2001 08 30.8	22 37.04	-30 08.3	17.9	-0.88	- 7.0	7.0/23.2	16073	2000 GB ₁₂₄	2001 08 31.4	22 39.22	-46 32.3	17.7	-1.22	- 0.7	12.6/18.8	1613
2000 GB ₇₉	2001 08 30.8	22 37.06	-22 45.6	18.2	-0.92	- 2.8	5.3/26.7	16066	2001 OA ₆₆	2001 08 31.5	22 39.17	-01 47.4	17.8	-0.99	- 1.5	3.2/02.3	16119
1998 XY ₃₄	2001 08 30.9	22 36.97	-06 16.0	18.2	-0.94	- 5.1	0.9/31.6	16027	2000 AE ₁₂₇	2001 08 31.5	22 39.18	-12 54.9	16.3	-0.81	-12.2	1.9/29.9	16046
1995 FW	2001 08 30.9	22 37.09	-15 23.9	18.4	-1.61	+ 4.9	3.3/29.9	30783	1999 JL ₄₆	2001 08 31.5	22 39.19	-00 30.6	17.7	-0.76	- 5.7	2.2/03.0	15642
1999 GF ₁₆	2001 08 30.9	22 37.13	-12 36.4	17.9	-0.76	- 3.9	1.2/29.7	16037	2001 MC ₁₃	2001 08 31.5	22 39.24	-02 51.2	16.9	-0.75	- 5.7	2.7/02.4	16101

1999 FH ₃₃	2001 08 31.5	22 39.31	-04 11.2	18.6	-0.76	- 6.4	1.2/02.0	15637	2001 MH ₂₇	2001 09 01.0	22 41.05	-06 19.6	17.1	-0.81	- 2.5	0.7/01.6	16103
1997 VQ ₃	2001 08 31.5	22 39.38	+07 09.1	17.4	-0.76	- 5.5	6.3/05.8	16012	1999 CK ₁₀₉	2001 09 01.0	22 41.07	+07 00.4	18.9	-0.79	- 5.6	4.6/06.1	16035
1993 FE ₁₆	2001 08 31.5	22 39.41	-09 25.8	17.5	-0.84	- 9.3	0.4/31.2	16001	2000 ET ₃₀	2001 09 01.1	22 41.49	-22 15.5	18.6	-1.05	- 3.9	5.9/28.0	2397
1998 SM ₁₂₄	2001 08 31.5	22 39.46	-11 11.9	18.4	-1.01	- 5.9	1.2/30.7	16022	2000 EG ₁₁₀	2001 09 01.1	22 41.65	-22 49.6	18.0	-0.96	- 4.9	6.0/27.6	16058
1993 FD ₂₂	2001 08 31.5	22 39.53	-07 06.6	19.2	-0.77	- 4.7	0.4/01.0	16001	2000 BW	2001 09 01.1	22 41.67	+23 02.5	18.0	-1.44	+ 4.2	14.9/08.2	38887
2000 GE ₁₆₄	2001 08 31.5	22 39.53	-35 01.5	18.7	-0.83	- 4.5	7.8/22.4	1620	1994 AZ ₉	2001 09 01.1	22 41.71	-12 27.1	19.6	-0.82	- 4.4	1.4/30.9	14732
2000 HO ₉	2001 08 31.5	22 39.55	-23 41.0	19.2	-0.95	- 3.7	4.9/27.0	1622	2001 MH ₁₅	2001 09 01.1	22 41.72	+06 46.3	17.0	-0.80	- 5.8	6.1/06.5	15838
2001 OQ ₆₉	2001 08 31.6	22 39.58	-17 23.6	17.9	-0.96	- 7.1	3.6/28.8	15898	1997 UK ₁₀	2001 09 01.1	22 41.74	-30 01.8	16.8	-0.95	- 1.2	9.0/25.7	16012
2001 QQ ₁₁	2001 08 31.6	22 39.60	-12 15.3	18.1	-0.82	- 6.3	1.4/30.4	15963	2000 AQ ₁₄₆	2001 09 01.2	22 41.74	-32 01.4	19.4	-1.04	-18.1	9.9/22.2	15661
2001 MP ₉	2001 08 31.6	22 39.60	+00 57.3	18.3	-0.80	- 5.7	3.4/03.8	16101	2000 DZ ₃₀	2001 09 01.2	22 41.80	-04 29.5	18.1	-0.97	- 5.2	1.6/02.4	15689
2000 JV ₃₅	2001 08 31.6	22 39.62	-13 00.6	18.3	-0.82	- 4.3	1.6/30.2	15795	2001 OD ₂₀	2001 09 01.2	22 41.82	+05 33.4	17.8	-0.84	- 2.4	5.8/05.4	16111
2000 DE ₁₀₀	2001 08 31.6	22 39.66	-15 20.7	19.1	-0.95	- 5.3	2.7/29.5	16053	1999 CV ₈₄	2001 09 01.2	22 41.89	-24 05.1	18.8	-0.87	- 4.6	4.8/27.1	16034
1998 CB ₁	2001 08 31.6	22 39.66	-10 24.7	17.2	-0.65	-14.2	0.6/30.8	15592	2000 ET ₁₅₇	2001 09 01.2	22 41.95	+02 51.6	16.7	-0.89	- 4.3	5.2/04.7	16060
2001 OT ₁₀₇	2001 08 31.6	22 39.72	+28 17.5	17.4	-1.01	+ 1.8	11.6/12.6	15931	2000 GN ₉₅	2001 09 01.2	22 42.01	-12 11.7	17.6	-1.02	- 3.8	1.5/31.1	16067
1997 SO ₁₀	2001 08 31.6	22 39.79	-13 26.1	17.8	-0.95	- 1.1	2.2/30.3	15586	2000 EV ₁₁₉	2001 09 01.2	22 42.12	-23 42.4	16.2	-0.88	- 5.6	7.5/27.2	16058
1999 BQ ₂₄	2001 08 31.6	22 39.80	-09 26.6	17.2	-0.78	- 7.3	0.3/31.3	16031	2001 QV ₅₄	2001 09 01.3	22 42.05	-17 09.2	18.4	-0.76	- 3.8	2.8/29.4	15977
2000 DV ₄₀	2001 08 31.6	22 39.81	-08 08.2	17.5	-0.84	- 7.0	0.1/31.8	16052	2001 OA ₇	2001 09 01.3	22 42.07	-01 38.2	16.9	-0.83	- 6.2	3.1/03.5	15861
1996 AC ₁₁	2001 08 31.6	22 39.84	-07 09.6	20.0	-0.91	- 6.3	0.4/01.1	612	2000 HD ₈₉	2001 09 01.3	22 42.11	-12 07.9	19.8	-0.92	- 5.5	1.3/31.1	10958
2000 GC ₁₃₇	2001 08 31.6	22 39.87	-09 08.5	18.2	-0.81	- 9.3	0.2/31.4	16070	2000 JG ₄₄	2001 09 01.3	22 42.15	-12 11.7	18.7	-0.91	- 5.3	1.6/31.1	16079
2001 QL ₁₁	2001 08 31.6	22 39.90	-09 39.5	17.1	-0.74	- 6.1	0.6/31.3	15963	2000 DB ₉₄	2001 09 01.3	22 42.28	-12 46.2	18.1	-0.94	- 6.3	1.8/30.9	16053
2000 JW ₃₃	2001 08 31.6	22 39.92	-10 57.5	19.1	-0.86	- 4.3	0.8/30.9	16079	2000 KW ₁₇	2001 09 01.3	22 42.33	-13 15.0	18.2	-0.81	- 4.7	1.6/30.8	16082
2000 EJ ₁₂₈	2001 08 31.6	22 39.93	-12 07.5	18.6	-0.92	- 6.6	1.4/30.5	40490	2001 MR ₁₅	2001 09 01.3	22 42.35	-07 03.4	18.2	-0.89	- 3.5	0.5/01.7	15839
2000 AT ₉₂	2001 08 31.6	22 39.97	-44 04.1	18.9	-1.14	- 5.1	12.3/19.2	40434	1998 YQ ₂	2001 09 01.3	22 42.38	-14 22.6	17.1	-0.88	- 6.5	2.8/30.3	15609
1993 FO ₁₄	2001 08 31.7	22 39.90	-16 14.6	19.4	-0.98	- 5.4	2.8/29.3	40301	2000 FO ₃₁	2001 09 01.3	22 42.41	-24 37.8	17.6	-0.91	- 5.0	6.2/27.1	15731
2000 HZ ₁₄	2001 08 31.7	22 39.94	-08 24.8	18.4	-0.87	- 8.3	0.0/31.7	1624	2000 HA ₄₅	2001 09 01.4	22 42.53	-13 48.0	18.8	-0.82	- 5.6	1.9/30.6	3581
2000 JN ₂₃	2001 08 31.7	22 39.98	-08 29.7	18.9	-0.90	- 3.3	0.0/31.7	1643	2001 OB ₉₅	2001 09 01.4	22 42.56	+23 53.6	17.1	-0.76	- 2.5	8.3/12.8	15919
1999 CK ₄₉	2001 08 31.7	22 40.03	-18 44.1	18.0	-0.86	- 2.3	3.4/28.7	16033	2001 OC ₇	2001 09 01.4	22 42.57	-04 29.2	17.1	-0.82	- 5.2	1.8/02.6	15861
2000 JS ₃₆	2001 08 31.7	22 40.09	+07 43.9	17.3	-0.76	- 3.9	5.3/06.1	15796	2000 CP ₉₄	2001 09 01.4	22 42.57	-16 52.9	18.0	-1.07	- 0.5	3.2/30.2	16050
2000 HY ₆₁	2001 08 31.7	22 40.09	-12 47.4	18.8	-0.97	- 4.9	1.6/30.4	1634	2000 CU ₂₄	2001 09 01.4	22 42.61	-02 47.6	17.3	-1.00	- 5.6	2.3/03.1	16048
1999 CU ₉₅	2001 08 31.7	22 40.33	-09 34.1	19.5	-0.97	- 1.9	0.4/31.5	35734	2000 GD ₁₇₉	2001 09 01.4	22 42.69	-36 38.0	16.5	-0.91	- 5.9	12.0/21.1	16071
2000 GQ ₄₆	2001 08 31.8	22 40.24	-00 36.8	19.2	-0.90	- 7.4	3.0/03.4	1597	1999 CR ₅₆	2001 09 01.4	22 42.70	-13 12.7	17.9	-0.72	- 7.3	1.5/30.7	16033
1998 YT ₆	2001 08 31.8	22 40.26	+17 23.7	18.4	-0.84	- 5.7	8.0/09.7	16028	1998 DD ₃	2001 09 01.4	22 42.74	-03 51.2	18.8	-0.83	- 2.9	1.3/02.7	15593
2001 MB ₃	2001 08 31.8	22 40.27	+05 25.8	17.2	-0.72	- 5.3	4.5/05.5	16100	1998 XP ₇₃	2001 09 01.5	22 42.80	-17 27.3	18.1	-0.94	- 3.5	3.0/29.7	16027
2001 MK ₆	2001 08 31.8	22 40.51	-02 14.9	18.3	-0.69	-11.1	2.4/03.2	16100	2001 QQ ₁₆	2001 09 01.5	22 42.89	-16 03.5	17.3	-0.89	- 5.7	3.8/30.0	15966
2000 GJ ₅₃	2001 08 31.8	22 40.59	-22 45.3	18.0	-1.13	- 1.7	6.2/27.9	15744	1991 YK ₁	2001 09 01.5	22 42.92	-19 28.1	18.7	-0.74	- 5.0	3.0/28.7	35063
1996 TB ₄₁	2001 08 31.9	22 40.61	-05 07.8	17.7	-0.68	- 8.7	1.1/02.1	15580	1998 KJ ₅₆	2001 09 01.6	22 43.28	+20 27.9	17.3	-0.74	-18.5	13.0/15.1	16017
2000 KY ₁₃	2001 08 31.9	22 40.72	-14 13.8	19.1	-0.81	- 4.8	1.9/30.1	16082	2001 QO ₁₀₃	2001 09 01.6	22 43.30	-10 57.8	17.7	-0.87	- 4.0	1.0/31.8	15984
2000 HG ₃₂	2001 08 31.9	22 40.72	+03 12.4	17.4	-0.72	-13.9	4.1/05.5	16073	1990 SF ₁₃	2001 09 01.6	22 43.38	-07 08.9	17.3	-0.82	- 4.8	0.5/02.0	15999
2000 HX ₈₃	2001 08 31.9	22 40.74	-20 50.7	16.9	-0.65	-11.7	4.4/26.9	16076	2000 JE	2001 09 01.6	22 43.43	-23 56.2	17.6	-0.83	- 3.5	4.9/27.6	16076
1219 T-3	2001 08 31.9	22 40.76	-07 16.5	17.1	-1.06	- 2.7	0.5/01.2	16169	2000 EQ ₁₇₀	2001 09 01.6	22 43.45	-22 22.5	18.0	-1.00	- 3.7	5.7/28.4	16060
2001 OP ₂₀	2001 08 31.9	22 40.82	+16 44.0	17.3	-0.84	- 1.3	11.8/09.0	15868	2000 GB ₄₉	2001 09 01.6	22 43.50	-11 06.3	19.5	-0.96	- 4.8	1.1/31.8	16064
1994 CR ₁₂	2001 08 31.9	22 40.83	-14 38.1	19.2	-0.71	- 7.9	1.6/29.7	9676	2001 PO ₄₃	2001 09 01.7	22 43.52	-22 06.2	16.6	-0.60	+ 0.8	8.5/28.4	15955
2000 HR ₂₂	2001 08 31.9	22 40.90	-04 51.4	18.0	-0.86	- 5.5	1.4/02.1	16072	2000 KP ₃₀	2001 09 01.7	22 43.55	+07 05.1	17.2	-0.77	- 4.0	5.2/06.6	16082
2000 KV ₁₇	2001 08 31.9	22 40.95	-01 01.8	18.9	-0.74	- 4.6	2.2/03.4	16082	2000 ES ₁₁₀	2001 09 01.7	22 43.80	-18 39.7	19.3	-1.04	- 3.3	4.1/29.8	16058
1997 UE ₈	2001 08 31.9	22 40.98	-10 59.0	18.5	-0.83	- 4.6	1.0/31.2	16012	2000 KD ₁	2001 09 01.7	22 43.82	-08 34.8	18.7	-0.75	- 4.5	0.2/01.6	15803
1998 BV ₂₉	2001 08 31.9	22 40.99	-24 16.5	17.6	-0.83	- 6.0	5.4/26.5	16015	2001 PU ₁₁	2001 09 01.7	22 43.85	-24 53.2	18.3	-0.88	- 6.5	6.7/27.0	15943
2000 GV ₆₄	2001 09 01.0	22 40.97	+09 33.1	18.7	-0.77	- 9.0	6.2/07.7	16065	1998 SM ₁₀₆	2001 09 01.7	22 43.96	-14 20.2	18.0	-1.06	- 4.5	2.4/31.0	16021
2000 GR ₇₇	2001 09 01.0	22 40.99	-09 50.4	20.3	-0.96	- 5.6	0.5/31.5	2473	1998 XW ₁₅	2001 09 01.8	22 43.88	+22 26.0	18.2	-1.00	- 2.3	9.9/11.4	15607
2000 GW ₈₈	2001 09 01.0	22 41.00	-19 49.2	18.7	-0.93	- 6.5	4.1/28.3	16067	2001 MQ ₉	2001 09 01.8	22 43.97	+11 10.5	17.5	-0.88	- 2.4	7.7/07.8	15836
1996 SQ	2001 09 01.0	22 41.02	-12 07.7	18.3	-0.88	- 1.7	1.2/30.9	16008	1997 MK ₅	2001 09 01.8	22 44.04	-09 20.9	17.8	-0.83	- 4.2	0.6/01.4	16010
2000 HF ₄₃	2001 09 01.0	22 41.05	-13 57.0	18.2	-0.87	- 5.2	2.1/30.2	16073	2000 CN ₄₈	2001 09 01.8	22 44.07	+03 51.8	16.9	-0.92	- 5.9	5.5/05.7	16049

2000 JK ₅₄	2001 09 01.8	22 44.08 -12 40.4 19.2	-0.78 - 5.0	1.4/31.4	16080	1998 VH ₉	2001 09 02.5	22 46.74 -23 29.9 17.5	-1.06 - 5.3	6.6/28.6	16024
1999 CC	2001 09 01.9	22 44.26 -20 06.9 17.2	-1.01 - 6.1	5.4/28.9	16031	2000 EU ₁₄₄	2001 09 02.6	22 46.76 -03 35.3 20.6	-0.93 - 5.8	1.5/03.9	2428
2001 OG ₆₃	2001 09 01.9	22 44.36 -09 12.8 17.6	-0.73 - 4.2	0.4/01.5	15892	3098 T-1	2001 09 02.6	22 46.79 -17 27.4 17.5	-0.90 - 1.2	2.7/30.9	16168
1999 CA ₃₁	2001 09 01.9	22 44.39 -12 53.9 17.8	-0.76 - 4.4	1.5/31.4	16032	1999 AB ₂	2001 09 02.6	22 46.82 -13 44.5 17.5	-0.87 - 7.6	2.3/31.6	15611
1999 DD ₇	2001 09 01.9	22 44.40 -16 19.4 17.7	-0.91 - 1.6	2.7/30.6	16035	2000 JO ₁₀	2001 09 02.6	22 46.95 -42 27.7 19.6	-1.16 - 2.7	9.9/22.0	1640
1998 XY ₁₄	2001 09 01.9	22 44.43 -37 17.9 17.0	-1.00 - 4.6	10.2/22.9	16027	1997 CZ ₂₁	2001 09 02.6	22 47.02 -10 25.3 17.9	-1.06 - 4.9	1.2/01.9	16009
2000 DQ	2001 09 01.9	22 44.45 -15 39.4 17.9	-0.99 - 2.6	2.8/30.8	16051	2001 QF ₁₂	2001 09 02.6	22 47.05 -03 18.7 17.2	-1.02 - 2.9	1.9/03.9	15963
2000 KP ₃	2001 09 01.9	22 44.48 -08 42.8 17.7	-0.69 - 6.3	0.2/01.7	16081	2000 GP ₆	2001 09 02.6	22 47.12 -22 50.8 18.5	-1.03 - 0.5	5.5/29.7	15736
1998 RW ₇₆	2001 09 01.9	22 44.53 -17 54.6 17.3	-1.05 - 4.8	4.3/30.0	16020	2000 DO ₁₆	2001 09 02.6	22 47.13 -04 15.7 17.5	-1.59 + 8.8	1.9/03.1	16051
2000 GK ₅₈	2001 09 01.9	22 44.54 -18 52.9 17.4	-0.93 - 2.2	3.8/29.9	16065	2000 HG ₆	2001 09 02.7	22 47.18 -17 14.0 18.3	-1.01 - 3.9	4.0/30.9	15765
1992 EE ₂₂	2001 09 01.9	22 44.60 -13 58.2 18.5	-0.96 - 5.8	2.3/31.1	34008	1993 FL ₂₅	2001 09 02.7	22 47.29 +03 22.4 19.2	-0.66 - 5.9	2.6/06.6	16001
2001 OW ₁₄	2001 09 01.9	22 44.62 +00 15.1 16.1	-1.05 + 4.5	4.1/03.7	16110	2000 GG ₁₀₇	2001 09 02.7	22 47.35 -02 29.0 18.6	-0.97 - 6.1	2.0/04.4	16068
2000 GF ₁₄₂	2001 09 01.9	22 44.64 -06 19.9 17.3	-0.72 -11.7	0.6/02.6	15761	2000 HR ₆₅	2001 09 02.7	22 47.40 -33 16.2 17.9	-1.00 - 3.1	9.1/25.3	16075
2001 OP ₇₀	2001 09 01.9	22 44.64 +01 41.7 16.7	-1.20 + 3.3	3.8/04.0	15900	2000 HM ₃₇	2001 09 02.7	22 47.43 -14 51.7 17.9	-0.79 - 8.8	2.2/31.2	2774
2000 FL ₄₆	2001 09 01.9	22 44.66 -21 38.6 19.1	-1.03 - 5.0	5.2/28.8	16062	2000 JV ₃₈	2001 09 02.7	22 47.43 -23 14.7 19.0	-0.89 - 3.3	4.7/29.0	16079
1999 CR ₁₀₄	2001 09 02.0	22 44.76 -10 23.7 18.1	-0.75 - 9.5	0.8/01.2	16034	2000 CA ₅₉	2001 09 02.7	22 47.49 -16 39.0 18.6	-0.94 -22.7	3.8/30.0	15677
2001 MP ₈	2001 09 02.0	22 44.92 +05 32.2 18.0	-0.76 - 3.0	4.6/06.3	16100	2000 GJ ₅₀	2001 09 02.8	22 47.60 -12 02.3 20.4	-0.98 - 5.2	1.5/01.5	1597
2001 QT ₁₁	2001 09 02.0	22 44.94 -09 33.3 17.7	-0.90 - 2.5	0.7/01.6	15963	2000 KG ₃₀	2001 09 02.8	22 47.68 -26 37.5 18.0	-0.77 - 4.3	5.5/27.4	15807
1998 SN ₇₃	2001 09 02.1	22 44.98 -12 53.5 17.5	-1.00 - 5.9	2.1/31.6	16021	2000 JN ₆₉	2001 09 02.8	22 47.74 -07 25.7 18.1	-0.67 - 9.0	6.9/23.0	6272
2000 HJ ₄₃	2001 09 02.1	22 45.00 -13 07.4 19.8	-0.94 - 5.7	1.8/31.5	3581	2001 OM ₆₉	2001 09 02.8	22 47.79 -21 13.8 16.9	-0.77 -18.0	4.6/28.1	15897
2000 JY ₅₉	2001 09 02.1	22 45.03 -24 03.2 17.4	-0.97 - 0.9	5.6/28.6	16080	2000 KO ₃₂	2001 09 02.9	22 47.88 +05 45.5 18.8	-0.73 - 4.3	4.2/07.4	16082
1993 TK ₃₈	2001 09 02.1	22 45.05 -29 30.3 17.9	-0.97 - 3.2	6.8/26.3	16003	1997 VB ₇	2001 09 02.9	22 47.94 +03 05.1 18.0	-0.77 - 6.9	3.9/06.6	16012
2000 DK ₂₆	2001 09 02.1	22 45.13 -04 51.6 17.6	-1.11 - 0.8	1.4/03.0	15688	5070 T-2	2001 09 02.9	22 47.95 +03 48.8 17.4	-0.74 - 4.2	3.7/06.7	16169
2000 HA ₅₇	2001 09 02.1	22 45.14 -31 22.6 18.8	-1.01 - 3.2	7.6/25.8	2514	1998 BZ ₁	2001 09 02.9	22 48.17 -09 00.0 18.4	-0.76 - 5.3	0.4/02.5	31263
2000 GG ₉₃	2001 09 02.1	22 45.29 -10 39.8 18.3	-0.78 - 8.9	0.9/01.2	15752	2000 HU ₂	2001 09 02.9	22 48.21 -18 16.6 17.7	-0.81 - 4.9	4.9/30.4	15764
1997 UJ ₂₂	2001 09 02.1	22 45.35 -05 36.3 17.5	-0.68 - 8.1	1.0/03.0	15587	2001 QP ₁	2001 09 02.9	22 48.27 -09 51.0 17.5	-0.68 - 7.8	0.7/02.2	15958
2000 ER ₂₀₀	2001 09 02.1	22 45.36 -11 33.7 17.5	-1.60 + 5.9	1.9/01.6	15726	1999 CR ₅₁	2001 09 03.0	22 48.23 -15 11.5 17.4	-0.73 - 7.2	2.3/31.3	16033
1998 VJ ₂₄	2001 09 02.2	22 45.35 -03 42.5 18.9	-0.93 - 8.2	1.7/03.6	1985	1999 CE ₃	2001 09 03.0	22 48.24 -01 40.1 20.7	-0.83 - 3.5	1.7/04.8	35732
1981 DD ₃	2001 09 02.2	22 45.40 +00 25.6 18.5	-0.87 - 3.2	2.9/04.7	15996	2000 JO ₁₆	2001 09 03.0	22 48.35 -06 17.6 18.7	-0.82 - 6.8	0.5/03.5	16077
2001 MQ ₈	2001 09 02.2	22 45.41 +05 37.2 16.7	-0.89 - 4.0	6.6/06.4	16100	1994 YD	2001 09 03.0	22 48.35 +08 10.8 18.3	-0.98 - 2.3	5.7/07.5	16005
2000 FO ₄₁	2001 09 02.2	22 45.51 -01 17.7 18.5	-0.77 -10.1	2.2/04.7	1589	1998 TJ ₁₃	2001 09 03.0	22 48.38 -13 55.2 16.9	-0.99 - 4.6	3.0/01.1	16023
1997 UV ₇	2001 09 02.2	22 45.54 -02 38.0 18.4	-0.83 - 6.6	1.8/04.0	16012	1998 BN ₄₄	2001 09 03.0	22 48.50 +02 48.6 17.6	-0.80 - 2.7	3.3/06.2	31739
2001 PQ ₄₃	2001 09 02.2	22 45.55 -22 20.6 17.9	-0.90 - 1.6	5.1/29.1	15955	1999 CM ₁₀	2001 09 03.0	22 48.53 -08 27.2 18.7	-0.83 - 4.4	0.3/02.8	16032
2001 ME ₁₃	2001 09 02.2	22 45.68 -16 03.9 17.8	-0.81 -10.4	3.9/30.3	16101	2000 GD ₁₀₅	2001 09 03.1	22 48.67 -12 21.8 17.6	-0.84 - 5.8	1.8/01.6	16068
2000 GR ₁₀₇	2001 09 02.3	22 45.90 -01 06.2 18.9	-0.74 - 6.7	1.8/04.7	6271	2001 MP ₆	2001 09 03.1	22 48.71 +04 24.3 17.4	-0.84 - 3.0	4.9/06.8	15835
2000 EL ₉₄	2001 09 02.3	22 45.98 -06 09.0 15.9	-1.10 + 1.4	0.7/03.0	16057	1999 CZ ₅	2001 09 03.1	22 48.77 +01 25.2 16.8	-1.22 + 2.7	3.7/05.0	16031
2000 EB ₄₉	2001 09 02.3	22 45.99 -05 49.8 18.0	-0.90 - 5.1	0.8/03.0	15709	2000 FP ₁₈	2001 09 03.1	22 48.92 -17 36.4 17.4	-0.78 - 8.2	3.8/30.6	15728
2001 PE ₁₄	2001 09 02.3	22 46.00 -03 21.5 17.1	-0.82 - 3.3	2.1/03.7	15945	1998 XX ₈	2001 09 03.2	22 49.07 -11 52.7 18.2	-0.92 - 6.3	1.5/01.8	16026
1996 TX ₁₆	2001 09 02.3	22 46.01 +04 22.0 17.7	-0.72 - 6.1	4.1/06.6	16008	1998 YO ₁₇	2001 09 03.2	22 49.11 -05 45.6 19.3	-0.85 - 4.8	0.6/03.8	16028
2000 EG ₃₆	2001 09 02.3	22 46.07 -21 08.9 17.3	-1.00 - 2.7	5.0/29.6	718	1999 CN ₉₅	2001 09 03.2	22 49.14 -08 44.2 19.0	-0.74 - 5.2	0.4/02.8	16034
1998 SQ ₁₄₂	2001 09 02.4	22 46.07 -12 28.3 18.0	-0.97 - 7.1	1.7/31.9	16022	2001 OL ₆₉	2001 09 03.2	22 49.21 -15 49.5 17.2	-0.80 -10.0	3.9/31.2	15897
2000 CP ₈₉	2001 09 02.4	22 46.11 -14 46.4 17.2	-0.85 - 8.4	2.8/31.0	16050	2000 DP ₆₈	2001 09 03.2	22 49.21 -06 54.8 18.3	-0.93 - 6.8	0.2/03.5	16052
1999 CG ₉₈	2001 09 02.4	22 46.22 -09 21.5 20.0	-0.83 - 5.0	0.5/02.0	34605	2000 KX ₅₄	2001 09 03.2	22 49.25 -26 30.3 18.2	-0.82 - 4.5	6.0/27.9	16083
2000 HE ₆₉	2001 09 02.4	22 46.38 -09 42.2 18.5	-0.78 - 6.5	0.7/01.8	15781	2000 HO ₃₅	2001 09 03.2	22 49.30 -00 45.2 17.8	-0.65 -11.0	2.3/05.9	16073
1998 XC ₁₄	2001 09 02.4	22 46.39 -15 07.6 17.6	-0.87 - 5.7	2.3/31.1	16027	2000 JA ₃₅	2001 09 03.2	22 49.31 +09 07.3 18.8	-0.78 - 6.2	5.7/09.1	1342
1978 NR	2001 09 02.4	22 46.42 -00 08.1 17.8	-0.99 - 3.1	3.1/04.7	15996	1998 YU ₅	2001 09 03.2	22 49.36 +06 13.1 19.3	-0.96 - 3.6	5.2/07.3	16028
1992 EC ₁₅	2001 09 02.5	22 46.53 -04 40.7 17.3	-0.86 -14.8	1.1/03.7	16000	1993 FH ₅₀	2001 09 03.2	22 49.37 -01 33.1 18.4	-0.87 - 8.6	2.3/05.3	10829
2000 EW ₁₀₃	2001 09 02.5	22 46.53 +06 30.5 17.1	-0.78 -10.2	5.4/07.9	15716	2000 FP ₃₀	2001 09 03.3	22 49.36 -13 04.0 18.1	-0.93 - 5.6	2.0/01.6	15731
2000 GL ₆₇	2001 09 02.5	22 46.55 +01 43.6 17.7	-0.73 - 7.7	3.5/05.9	16065	2001 MM ₆	2001 09 03.3	22 49.45 +06 12.2 17.4	-0.71 - 3.4	6.5/07.9	16100
1999 CC ₈₉	2001 09 02.5	22 46.61 -11 39.7 18.3	-0.92 - 6.8	1.5/01.3	35733	2000 HN ₈₃	2001 09 03.3	22 49.51 -28 15.4 19.0	-0.86 - 6.6	6.5/27.2	2776
2000 EP ₂₆	2001 09 02.5	22 46.72 -23 03.4 19.3	-1.35 + 1.7	5.8/30.2	15703	2000 EN ₉₁	2001 09 03.3	22 49.65 +15 49.2 17.9	-0.96 - 3.4	9.0/11.3	15714

2001 PG ₆	2001 09 03.3	22 49.66	-11 01.1	18.6	-1.06	- 3.9	1.5/02.4	15937	1990 QU ₈	2001 09 03.9	22 51.72	-09 53.1	18.0	-0.77	- 4.5	0.9/03.1	15998
2000 LC ₁	2001 09 03.3	22 49.72	+07 10.1	19.0	-0.73	- 5.7	4.1/08.5	2555	1998 YS ₂₉	2001 09 03.9	22 51.73	-15 09.6	17.9	-1.05	- 2.8	2.9/01.7	15611
2000 JE ₆₆	2001 09 03.4	22 49.74	-28 11.2	18.4	-0.88	- 5.8	6.4/27.3	16080	2000 ED ₉₁	2001 09 03.9	22 51.81	+02 23.6	17.0	-0.83	- 7.5	4.1/07.3	15714
2000 EA ₃₄	2001 09 03.4	22 49.80	-30 30.5	17.6	-1.13	+ 2.3	10.1/28.9	16054	2000 HL ₃₀	2001 09 03.9	22 51.86	-12 38.5	17.6	-0.77	- 9.6	1.8/02.0	15772
2000 ED ₉₅	2001 09 03.4	22 49.88	-05 28.0	15.4	-1.07	+ 1.2	0.9/03.9	16057	1999 DH ₅	2001 09 03.9	22 51.86	+15 01.4	18.1	-0.86	- 5.4	7.9/11.5	3305
2000 FP ₄₉	2001 09 03.4	22 49.90	+05 56.4	16.9	-0.82	- 4.7	5.0/08.0	16063	2001 QW ₁₁	2001 09 04.0	22 51.83	-08 14.5	16.4	-0.81	- 9.2	0.5/03.6	15963
2000 GC ₉₈	2001 09 03.4	22 49.92	-04 12.2	18.0	-1.03	- 4.5	1.3/04.4	16067	1989 GB	2001 09 04.0	22 51.86	-29 30.6	16.9	-1.11	- 1.6	8.4/28.6	15998
2000 JQ ₈₃	2001 09 03.4	22 49.94	-26 00.9	18.5	-0.83	- 3.9	6.2/28.3	15802	2000 CT ₉₃	2001 09 04.0	22 51.91	-11 34.5	17.7	-0.93	- 6.6	1.8/02.6	16050
2000 KF ₂₇	2001 09 03.4	22 49.94	-08 09.7	18.6	-0.75	- 4.5	0.2/03.2	3604	2000 ER ₁₅₈	2001 09 04.0	22 51.95	+14 15.0	17.1	-0.78	- 8.1	8.4/12.4	15724
1998 TL ₂₀	2001 09 03.4	22 50.01	-16 51.2	19.3	-1.07	- 3.8	3.8/31.7	16023	1997 NB ₁	2001 09 04.0	22 51.95	-11 20.4	17.6	-0.97	- 4.9	1.6/02.8	16010
1998 UV ₃₅	2001 09 03.5	22 50.02	-16 10.7	18.1	-1.03	- 4.3	3.8/31.9	16024	1999 JH ₁₃₈	2001 09 04.0	22 52.01	-35 42.5	18.7	-0.86	- 2.5	6.8/25.4	16040
1994 YU ₂	2001 09 03.5	22 50.12	-05 46.2	17.1	-0.78	-20.0	0.6/04.2	16005	2000 HX ₄₅	2001 09 04.0	22 52.14	-19 49.3	18.3	-0.99	- 4.5	4.8/31.2	16074
2000 JE ₄₉	2001 09 03.5	22 50.16	-23 14.9	17.5	-0.93	- 1.5	5.1/30.0	16080	2000 HC ₆₁	2001 09 04.1	22 52.20	-12 23.7	18.9	-0.98	- 5.8	2.1/02.5	16075
2000 JM ₉	2001 09 03.5	22 50.18	-13 18.0	17.5	-0.87	- 3.3	2.3/01.8	15789	2000 GZ ₈₃	2001 09 04.1	22 52.29	-18 32.0	18.1	-0.89	- 4.6	4.4/31.6	16066
1999 CF ₁₁₁	2001 09 03.5	22 50.18	-02 32.0	17.7	-0.81	- 4.9	1.6/05.1	16035	2000 HR ₄₁	2001 09 04.1	22 52.31	-23 52.3	18.1	-0.86	- 6.3	5.2/29.4	16073
2000 JH ₈₂	2001 09 03.5	22 50.33	-09 49.8	17.3	-0.83	- 3.7	1.1/02.8	16081	2000 GQ ₇₅	2001 09 04.1	22 52.37	-08 28.8	19.2	-0.91	- 5.9	0.5/03.7	462
2000 EP ₃₀	2001 09 03.5	22 50.34	-16 47.8	19.4	-1.00	- 4.2	3.3/31.8	2756	1994 XB ₅	2001 09 04.1	22 52.38	+05 50.7	20.1	-0.86	- 6.2	4.2/08.4	16005
2000 KG ₄₀	2001 09 03.5	22 50.34	-11 04.6	19.3	-0.87	- 5.1	1.4/02.4	15808	2001 QZ ₁₆	2001 09 04.1	22 52.39	-15 17.0	17.9	-0.79	- 6.4	2.9/01.4	15966
2000 EC ₃₀	2001 09 03.5	22 50.41	-17 08.6	18.0	-0.81	-10.0	3.7/31.1	15704	2000 DW ₄₄	2001 09 04.1	22 52.43	-04 27.9	17.0	-1.04	- 0.3	1.4/04.8	15690
1997 JM ₁₃	2001 09 03.5	22 50.42	-08 47.9	19.1	-0.98	- 6.2	0.6/03.2	40317	2000 JW ₁₄	2001 09 04.1	22 52.45	-17 47.1	17.7	-0.79	- 4.5	3.4/31.7	16077
2001 QA ₁₇	2001 09 03.5	22 50.45	-12 00.2	17.3	-0.94	- 4.0	1.8/02.2	15966	1999 CO ₁₁₇	2001 09 04.1	22 52.52	+02 01.8	16.1	-1.06	+ 0.8	3.9/06.4	15630
2000 GH ₁₇₄	2001 09 03.6	22 50.41	-16 56.3	17.2	-0.99	- 1.9	4.2/31.9	15764	2001 OQ ₃₉	2001 09 04.1	22 52.56	-19 43.4	18.7	-0.99	- 3.2	4.5/31.6	15878
2000 GL ₁₂₆	2001 09 03.6	22 50.50	+10 10.3	17.0	-0.79	- 7.7	5.6/10.0	16069	2000 FQ ₂₃	2001 09 04.1	22 52.59	-08 08.2	17.9	-0.69	-12.3	0.3/03.8	15729
2000 HY ₉	2001 09 03.6	22 50.62	-08 35.6	20.0	-0.75	- 4.6	0.4/03.3	5748	1997 WU ₁₇	2001 09 04.1	22 52.59	-19 43.0	18.6	-0.96	- 2.2	4.7/31.5	15588
2001 QO ₅₅	2001 09 03.6	22 50.70	-16 19.1	17.8	-0.81	- 6.6	3.2/31.6	15977	2000 HP ₃₉	2001 09 04.2	22 52.58	-24 44.3	18.4	-0.81	- 4.6	5.7/29.3	15775
2000 KX ₁₅	2001 09 03.6	22 50.70	-28 04.6	17.2	-0.72	- 8.9	6.0/26.6	16082	2000 HM ₄₉	2001 09 04.2	22 52.62	-07 06.2	17.6	-0.73	- 5.0	0.0/04.2	15778
2000 DG ₄₃	2001 09 03.6	22 50.74	-08 57.6	16.7	-0.83	- 7.1	0.7/03.1	16052	2000 EP ₅₀	2001 09 04.2	22 52.67	-10 45.3	18.1	-1.00	- 3.4	1.6/03.2	15710
2000 CQ ₈₈	2001 09 03.6	22 50.76	-13 01.5	18.4	-1.04	- 4.4	2.3/02.0	15680	2001 QJ ₁₁₀	2001 09 04.2	22 52.67	-06 10.5	18.0	-1.00	- 3.7	0.4/04.5	15984
1997 GG ₁₆	2001 09 03.7	22 50.78	-08 47.9	17.8	-0.93	- 6.7	0.7/03.2	16009	2000 GW ₁₃₇	2001 09 04.2	22 52.76	-17 06.4	17.1	-0.97	- 4.0	4.3/01.2	15760
2000 DF ₇₈	2001 09 03.7	22 50.82	-04 39.6	19.2	-0.91	- 6.1	1.0/04.6	16053	2000 JX ₃₆	2001 09 04.2	22 52.96	-01 05.8	17.4	-0.74	- 4.2	1.9/06.3	15796
1995 GS ₅	2001 09 03.7	22 50.86	-09 10.8	18.8	-0.84	- 6.1	0.6/03.1	16005	2001 PH ₂₂	2001 09 04.3	22 52.90	-10 10.6	18.8	-0.91	- 3.7	1.5/03.4	15948
1998 SN ₂₁	2001 09 03.7	22 50.90	-07 53.1	18.4	-1.00	- 3.7	0.3/03.6	15599	2000 GJ ₉₃	2001 09 04.3	22 53.01	-32 33.3	16.9	-0.88	- 2.5	10.6/26.7	16067
1993 FC ₇	2001 09 03.7	22 50.98	-19 54.0	16.6	-0.97	- 1.4	6.4/31.1	16001	1981 EP ₄₆	2001 09 04.3	22 53.07	-09 58.6	17.5	-0.99	- 2.2	1.2/03.5	15557
2000 GS ₇₁	2001 09 03.7	22 51.03	+00 16.2	18.3	-0.72	- 6.6	2.5/06.4	15747	2000 JW ₇₉	2001 09 04.3	22 53.15	+17 29.4	16.4	-0.97	- 1.2	10.4/12.3	15802
1981 EA ₃₄	2001 09 03.7	22 51.06	+03 29.3	18.7	-0.78	- 6.8	3.7/07.5	15997	2001 PX ₆	2001 09 04.3	22 53.18	-02 08.8	18.5	-0.93	- 2.6	1.7/05.8	15938
1999 AD ₅	2001 09 03.7	22 51.08	-33 16.1	17.2	-0.83	-14.6	9.1/23.3	16029	2000 FT ₁₈	2001 09 04.3	22 53.21	-16 40.8	19.6	-0.93	- 7.2	3.6/01.2	14857
2000 DM ₁₀₆	2001 09 03.7	22 51.10	-16 19.2	19.4	-0.95	- 7.5	3.6/31.8	16053	2001 PC ₃	2001 09 04.3	22 53.28	+11 59.2	17.6	-0.97	- 1.1	7.9/10.1	15935
1996 AZ ₁₀	2001 09 03.7	22 51.13	-08 43.3	19.0	-0.89	- 7.6	0.5/03.3	16006	2001 MN ₉	2001 09 04.3	22 53.32	-19 27.7	17.7	-0.88	-22.7	5.2/30.1	15836
2000 HN ₁₃	2001 09 03.8	22 51.23	-07 11.6	17.0	-0.74	- 4.4	0.0/03.9	16072	1993 FG ₁₂	2001 09 04.4	22 53.36	-02 36.2	18.2	-0.67	- 7.5	1.2/06.0	16001
1997 UP ₁₀	2001 09 03.8	22 51.24	-18 54.6	18.0	-0.85	- 5.2	4.2/31.1	16012	1153 T-3	2001 09 04.4	22 53.38	-00 07.6	16.7	-0.89	+ 0.4	3.5/06.3	15990
1999 FG	2001 09 03.8	22 51.28	+00 19.7	18.2	-0.69	- 6.3	2.2/06.5	16036	2000 GW ₁₇₁	2001 09 04.4	22 53.39	-25 29.5	20.1	-1.09	- 2.3	6.6/30.2	2501
2000 HU ₆₄	2001 09 03.8	22 51.31	+05 00.0	18.3	-0.77	- 6.7	4.5/08.2	16075	1995 YE ₆	2001 09 04.4	22 53.42	-03 05.4	19.1	-0.97	- 6.8	1.5/05.7	16006
2001 QF ₅₅	2001 09 03.8	22 51.32	-11 00.8	16.9	-0.84	- 0.7	1.9/02.8	15977	1991 UE	2001 09 04.4	22 53.57	-07 06.3	17.2	-1.00	- 4.7	0.0/04.5	16000
2000 HE ₂₄	2001 09 03.8	22 51.38	-22 19.3	18.2	-1.02	- 4.9	6.3/30.0	16072	2000 JV ₆₅	2001 09 04.4	22 53.58	-21 12.2	17.2	-0.72	- 7.3	4.9/30.3	2781
1990 TK ₂	2001 09 03.8	22 51.41	-20 27.4	17.2	-0.91	- 0.4	4.2/31.2	15561	2000 EV ₁₃₇	2001 09 04.4	22 53.58	-07 13.7	17.8	-0.79	- 7.6	0.1/04.4	16059
2000 CG ₅₆	2001 09 03.8	22 51.47	-14 17.3	17.8	-1.00	- 5.6	2.9/01.7	15675	1996 RB ₃	2001 09 04.4	22 53.80	-30 21.9	19.0	-2.59	+19.5	13.1/04.0	15578
2000 JO ₁₄	2001 09 03.8	22 51.48	-07 05.9	19.4	-0.90	- 6.3	0.1/03.9	16077	2000 GS ₇₈	2001 09 04.5	22 53.80	-10 39.3	18.7	-1.01	- 5.7	1.4/03.4	1603
1992 EK ₁₁	2001 09 03.9	22 51.56	-07 14.6	18.6	-0.88	- 7.4	0.0/03.9	16000	2001 QP ₁₂	2001 09 04.5	22 53.86	-06 28.3	17.7	-0.99	- 2.3	0.3/04.7	15964
2000 GA ₉₉	2001 09 03.9	22 51.62	+03 22.6	18.6	-0.92	- 5.5	4.0/07.3	16068	2001 ON ₆₉	2001 09 04.5	22 53.96	-17 07.1	17.4	-0.71	-12.5	4.2/31.5	15897
1999 BB ₉	2001 09 03.9	22 51.70	-02 46.1	17.7	-0.92	- 2.6	1.7/05.2	16030	1996 DC ₁	2001 09 04.5	22 54.01	-04 35.1	18.1	-1.04	- 2.4	0.9/05.2	16006
2000 GQ ₁₂₂	2001 09 03.9	22 51.71	+04 50.4	18.1	-0.69	- 8.8	4.3/08.6	15757	2000 JH ₂₁	2001 09 04.5	22 54.06	-04 03.1	17.6	-0.89	- 4.2	1.1/05.5	15793

2001 PF ₆	2001 09 04.6	22 54.10	-12 28.6	17.4	-0.98	- 4.4	2.3/03.0	15937	2000 JZ ₄₆	2001 09 05.0	22 55.77	+04 46.1	18.5	-0.88	- 4.4	3.7/08.8	16080
2000 KS ₇	2001 09 04.6	22 54.10	+01 21.1	19.3	-0.78	- 5.5	2.6/07.4	16081	2000 JE ₅₆	2001 09 05.0	22 55.82	-14 36.3	18.3	-0.94	- 7.3	2.9/02.5	16080
2001 QK ₁₂	2001 09 04.6	22 54.11	-05 20.0	17.5	-0.91	- 2.3	0.8/05.1	15963	1989 SD ₄	2001 09 05.0	22 55.89	-28 50.3	17.6	-1.06	- 1.4	7.6/29.6	15998
2000 JQ ₁₉	2001 09 04.6	22 54.18	-10 58.6	20.1	-0.79	- 8.3	1.1/03.2	1642	1999 BM ₂	2001 09 05.1	22 55.83	-15 15.2	18.8	-0.79	-11.2	2.9/01.9	15615
2000 GA ₂₁	2001 09 04.6	22 54.29	+05 01.9	17.2	-0.73	-10.6	5.4/09.3	16063	1998 XW ₉₃	2001 09 05.1	22 55.92	+02 51.9	17.6	-0.87	- 7.9	4.0/08.0	16028
1989 SJ ₁	2001 09 04.6	22 54.31	-15 08.3	16.6	-0.79	- 4.6	3.8/02.0	15998	2001 PQ ₆	2001 09 05.1	22 55.95	-06 34.9	19.1	-0.82	- 4.4	0.1/05.2	15938
2000 FR ₃	2001 09 04.6	22 54.36	-26 33.8	16.1	-0.91	- 3.5	8.4/29.4	16060	1994 VQ ₂	2001 09 05.1	22 56.03	-12 01.2	17.0	-0.92	- 3.8	2.4/03.6	16005
2001 PB ₇	2001 09 04.6	22 54.40	+02 45.6	17.5	-0.93	- 3.0	4.6/07.6	15939	2001 PF ₂₅	2001 09 05.1	22 56.12	-00 20.9	17.6	-0.81	- 3.8	3.0/07.2	15949
2000 CC ₈₈	2001 09 04.6	22 54.40	-07 46.5	17.8	-1.09	- 1.5	0.4/04.5	15680	2001 PL ₆	2001 09 05.1	22 56.17	-11 42.6	18.0	-0.87	- 6.0	1.8/03.6	15938
2001 PU ₆	2001 09 04.6	22 54.43	-03 04.1	16.9	-0.99	- 1.5	1.8/05.8	15938	2001 PF ₃₄	2001 09 05.2	22 56.25	+07 15.8	18.3	-0.83	- 5.5	4.3/09.9	15952
1998 XZ ₅₉	2001 09 04.7	22 54.47	-13 37.9	17.4	-0.91	- 6.7	3.0/02.5	15609	2001 PH ₆	2001 09 05.2	22 56.26	-10 34.6	16.9	-0.75	- 4.6	1.3/04.0	15937
2000 BG ₁₀	2001 09 04.7	22 54.58	-14 57.8	17.8	-0.88	- 9.5	3.3/02.0	15665	2001 MM ₉	2001 09 05.2	22 56.31	+06 32.9	16.8	-0.85	- 6.4	6.1/09.8	16101
2000 HZ ₁₂	2001 09 04.7	22 54.60	-02 17.4	17.7	-0.87	- 3.0	1.7/06.2	16072	2000 KK ₂₉	2001 09 05.2	22 56.31	+38 22.9	16.7	-0.81	- 2.2	13.9/25.9	16082
1998 WK ₇	2001 09 04.7	22 54.63	+34 21.7	18.3	-1.16	+ 1.3	15.1/16.7	15604	1998 XN ₂₄	2001 09 05.2	22 56.34	-12 24.6	18.2	-0.83	- 5.7	2.0/03.4	16027
2000 JK ₃₇	2001 09 04.7	22 54.63	+14 28.1	17.6	-0.74	- 4.7	5.9/12.5	16079	1998 TP ₁₄	2001 09 05.2	22 56.35	-08 31.3	18.7	-1.00	- 5.8	0.7/04.7	16023
1995 VF ₁₈	2001 09 04.7	22 54.68	+01 51.1	19.3	-0.96	- 7.2	3.9/08.0	16006	2000 EH ₁₀₄	2001 09 05.2	22 56.36	-14 29.4	22.9	-0.86	- 4.6	2.0/02.8	728
2000 JC ₃₀	2001 09 04.7	22 54.72	-09 05.4	17.2	-0.89	- 2.7	0.8/04.2	16078	2000 ES ₁₀₄	2001 09 05.2	22 56.39	-00 07.7	17.3	-0.93	- 6.8	2.5/07.4	16057
1998 XN ₈₉	2001 09 04.7	22 54.76	+14 57.0	16.5	-0.88	- 4.1	7.4/12.2	16028	1998 UT ₂₃	2001 09 05.2	22 56.43	-12 21.0	17.3	-0.94	- 8.2	2.2/03.4	16023
1998 XO ₄	2001 09 04.8	22 54.73	-17 00.1	16.1	-1.05	+ 0.6	5.2/02.2	16026	2001 PE ₆	2001 09 05.2	22 56.47	-13 18.8	17.9	-0.77	- 7.5	2.0/03.0	15937
1999 FC ₂₈	2001 09 04.8	22 54.75	+01 48.7	18.1	-0.68	- 5.5	2.3/07.8	15636	1996 TB ₂₀	2001 09 05.2	22 56.49	-05 11.7	18.2	-0.87	- 1.8	0.5/05.7	16008
1998 WS ₂₂	2001 09 04.8	22 54.77	-19 17.6	17.0	-0.94	- 5.1	5.4/31.9	16026	1999 BN	2001 09 05.2	22 56.50	-24 31.8	18.4	-1.07	- 0.4	5.2/31.5	15615
2000 GE ₇₃	2001 09 04.8	22 54.81	+08 17.4	18.2	-0.77	- 7.9	4.9/10.4	1602	1998 AE	2001 09 05.2	22 56.52	-19 21.7	19.1	-0.69	- 5.1	3.0/31.9	16014
2023 P-L	2001 09 04.8	22 54.81	-23 48.3	18.4	-1.14	+ 1.7	7.1/31.7	15986	1999 CZ ₆₀	2001 09 05.2	22 56.52	-04 24.5	18.2	-0.81	- 5.9	0.8/06.1	16033
2000 JL ₃₉	2001 09 04.8	22 54.84	-10 46.6	17.4	-0.81	- 4.3	1.3/03.6	16079	2000 JX ₅₇	2001 09 05.2	22 56.52	-34 39.8	18.1	-0.90	- 3.4	8.2/26.7	16080
2000 HX ₈	2001 09 04.8	22 54.84	-20 40.8	17.3	-1.02	- 4.3	5.5/31.6	16071	1998 XH ₉	2001 09 05.2	22 56.58	-03 56.9	18.9	-0.92	- 5.7	1.1/06.2	16026
1992 EA ₂₃	2001 09 04.8	22 54.92	-16 49.6	18.8	-1.00	- 4.0	3.8/01.9	16001	2000 GM ₉₃	2001 09 05.3	22 56.61	-29 22.1	17.8	-0.91	- 2.8	8.8/29.1	16067
2001 PE ₂₅	2001 09 04.8	22 54.96	-01 42.2	18.1	-0.81	- 9.8	2.3/06.7	15949	2000 EX ₁	2001 09 05.3	22 56.64	-05 51.3	19.6	-0.93	- 6.2	0.4/05.6	3526
1999 CF ₁₀₅	2001 09 04.8	22 54.98	+16 39.0	17.4	-0.88	- 3.3	8.0/12.6	15630	1997 TM ₁₉	2001 09 05.3	22 56.73	-04 15.1	18.3	-1.02	- 0.6	0.9/06.0	16011
1999 BF ₂	2001 09 04.8	22 55.03	+33 06.6	18.9	-0.95	- 5.7	13.9/20.4	15615	1999 AH ₂₆	2001 09 05.3	22 56.74	-00 08.8	18.2	-0.84	- 5.5	2.3/07.5	16030
2001 QN ₆₅	2001 09 04.8	22 55.09	+01 43.1	17.9	-0.83	- 4.2	2.8/07.6	15980	2000 HD ₁₀	2001 09 05.3	22 56.76	-10 12.8	17.1	-0.73	- 5.1	1.3/04.2	16072
1999 FH ₂₇	2001 09 04.8	22 55.13	-07 50.8	18.6	-0.77	- 7.1	0.3/04.6	15636	2000 EW ₃₇	2001 09 05.3	22 56.76	-10 50.3	18.3	-1.02	- 3.0	1.6/04.2	15706
1998 UZ ₁₆	2001 09 04.9	22 55.11	-16 15.3	18.9	-0.88	-13.4	3.0/01.3	16023	2000 HG ₃₆	2001 09 05.3	22 56.78	-00 51.8	17.9	-0.75	-10.7	2.0/07.6	15774
1998 WV ₂	2001 09 04.9	22 55.19	-03 20.9	19.4	-0.93	- 6.2	1.4/06.1	10874	2000 ET ₈₄	2001 09 05.3	22 56.80	+03 09.9	18.7	-0.97	- 5.9	3.7/08.5	15713
2000 JG ₂₀	2001 09 04.9	22 55.20	+11 08.5	18.8	-0.88	- 6.6	6.2/11.2	16078	2001 OT ₁₄	2001 09 05.3	22 56.82	-16 45.4	17.0	-0.53	-15.7	4.4/31.9	16110
4269 P-L	2001 09 04.9	22 55.22	+02 02.4	18.4	-0.72	- 6.4	2.8/08.0	16167	1995 HP ₂	2001 09 05.3	22 56.86	-17 51.3	17.8	-0.85	- 5.1	4.1/01.7	16005
1992 SO ₁₇	2001 09 04.9	22 55.24	-02 40.0	18.6	-0.76	- 6.7	1.2/06.4	16001	2001 PN ₂₄	2001 09 05.3	22 56.92	-12 26.1	17.9	-0.79	- 6.2	1.9/03.5	15949
2000 JR ₂₃	2001 09 04.9	22 55.26	-01 34.7	17.4	-0.96	- 4.0	2.0/06.5	16078	2000 KF ₃₆	2001 09 05.3	22 56.92	-10 36.8	18.1	-0.84	- 6.1	1.2/04.1	15807
2001 QV ₁₁₀	2001 09 04.9	22 55.28	+05 53.1	17.9	-0.74	- 5.1	4.3/09.3	15985	1990 SO ₆	2001 09 05.3	22 56.93	-13 16.0	16.8	-0.87	- 5.8	3.0/03.3	15999
3211 T-2	2001 09 04.9	22 55.33	-10 56.5	18.7	-0.73	- 4.4	1.1/03.6	16169	2001 PC ₄	2001 09 05.3	22 56.94	+13 23.8	17.0	-0.85	- 3.3	6.8/11.8	15936
2000 EZ ₄₅	2001 09 04.9	22 55.50	-04 34.7	19.9	-0.91	- 6.1	0.8/05.7	3530	1998 AW	2001 09 05.4	22 56.88	+07 13.8	18.1	-0.84	- 1.2	4.0/09.5	7448
2000 GH ₁₂₃	2001 09 04.9	22 55.50	-12 41.0	18.0	-0.85	- 4.5	2.1/03.2	16069	2000 HM ₇₄	2001 09 05.4	22 56.98	-44 22.7	18.7	-1.01	- 3.8	10.3/22.9	1636
2001 PW ₂₄	2001 09 04.9	22 55.51	-05 23.4	18.3	-0.86	- 1.5	0.5/05.4	15949	2000 EE ₄₉	2001 09 05.4	22 56.98	-12 59.9	16.7	-0.93	- 0.6	2.7/03.7	16055
1997 NO ₂	2001 09 05.0	22 55.54	+03 22.3	20.1	-0.86	- 7.7	3.4/08.5	1421	3813 T-3	2001 09 05.4	22 57.02	-08 59.1	18.9	-0.86	- 4.3	1.0/04.7	16170
2001 MQ ₁₅	2001 09 05.0	22 55.54	-13 58.2	15.8	-0.73	-13.5	2.8/02.2	15838	2000 EB ₁₇	2001 09 05.4	22 57.12	-08 24.0	19.4	-0.97	- 5.1	0.6/04.9	16054
1995 YS ₁₂	2001 09 05.0	22 55.59	+04 05.1	17.9	-0.96	- 3.8	4.8/08.4	16006	2000 HS ₉₆	2001 09 05.4	22 57.23	-25 10.3	19.2	-0.90	-11.9	6.0/29.4	15787
2000 EM ₁₂	2001 09 05.0	22 55.60	-20 05.9	18.2	-0.91	- 5.9	4.9/31.8	15701	2000 GQ ₂₇	2001 09 05.5	22 57.24	-12 54.3	17.5	-0.86	- 2.9	2.8/03.6	15738
2000 EK ₄₁	2001 09 05.0	22 55.63	-19 54.8	17.1	-0.98	+ 0.6	5.2/01.7	39492	2001 PG ₁₃	2001 09 05.5	22 57.24	-04 21.7	16.7	-1.00	- 0.9	0.9/06.1	15944
2000 ES ₁₃₅	2001 09 05.0	22 55.64	-33 08.4	16.0	-0.99	+ 3.7	13.0/29.1	16059	2000 GS ₆₄	2001 09 05.5	22 57.27	-13 25.0	19.8	-0.97	- 4.4	2.3/03.5	2468
1996 RO ₆	2001 09 05.0	22 55.66	-06 30.4	18.5	-0.78	- 4.4	0.1/05.2	16008	2000 EE ₁₀₈	2001 09 05.5	22 57.33	-08 56.3	19.6	-0.81	- 7.2	0.6/04.8	1578
2000 DG ₇₄	2001 09 05.0	22 55.67	-03 14.7	17.4	-0.82	- 7.2	1.6/06.3	15694	2017 T-3	2001 09 05.5	22 57.37	-12 05.7	16.9	-0.98	- 1.2	2.5/04.0	16169
1996 XX ₅	2001 09 05.0	22 55.77	-03 27.7	18.0	-0.79	- 4.3	1.2/06.1	16008	2001 ML ₉	2001 09 05.5	22 57.38	-00 27.8	16.9	-0.84	- 6.1	3.0/07.6	15836

2000 DE ₂₆	2001 09 05.5	22 57.50	-09 06.2	17.4	-0.97	- 4.5	1.1/04.8	15688	1981 EH ₄₀	2001 09 06.0	22 59.39	-09 02.4	19.0	-0.85	- 4.0	0.8/05.3	15997
2000 FJ ₁₇	2001 09 05.5	22 57.53	-14 46.6	17.9	-0.86	- 6.3	2.9/02.9	16061	2000 HD ₁₈	2001 09 06.0	22 59.41	+00 15.8	18.9	-0.85	- 6.5	2.6/08.3	15769
1998 SD ₄₇	2001 09 05.5	22 57.64	-12 46.9	19.3	-1.01	- 4.7	2.3/03.8	16020	2000 HF ₂₄	2001 09 06.0	22 59.42	-05 24.3	18.0	-0.88	- 9.0	0.4/06.4	16072
1999 JZ ₇₈	2001 09 05.6	22 57.66	-33 37.0	15.7	-0.80	- 4.8	6.9/26.6	16039	1989 CH ₃	2001 09 06.0	22 59.44	+05 19.5	18.9	-0.83	- 4.3	3.9/09.8	15998
2000 HU ₁₀	2001 09 05.6	22 57.67	-13 45.2	19.5	-0.89	- 4.6	2.3/03.4	15767	2000 JT ₃₃	2001 09 06.0	22 59.48	+00 23.3	17.4	-0.97	- 3.3	2.9/08.0	15795
1981 EB ₃₄	2001 09 05.6	22 57.71	-02 02.3	18.8	-0.94	- 8.1	1.9/07.2	15997	2000 HV ₃	2001 09 06.1	22 59.40	-12 37.9	18.7	-0.90	- 3.8	2.6/04.2	15765
2000 GR ₆₈	2001 09 05.6	22 57.72	-27 48.4	16.9	-0.94	+ 0.6	8.0/30.7	16066	4216 T-3	2001 09 06.1	22 59.47	-10 49.7	19.1	-0.94	- 7.0	1.6/04.7	16170
2001 PC ₂₆	2001 09 05.6	22 57.74	-11 39.8	18.8	-0.84	- 6.3	1.8/04.0	15949	2000 HJ ₆₃	2001 09 06.1	22 59.54	-06 29.8	16.9	-0.80	- 6.2	0.0/06.1	16075
2000 EG ₁₅₂	2001 09 05.6	22 57.81	+05 51.4	17.7	-0.96	- 4.8	5.3/09.6	15723	2001 NA ₂₁	2001 09 06.1	22 59.59	+00 55.9	17.2	-0.82	- 3.0	2.6/08.4	15855
2000 HR ₉₅	2001 09 05.6	22 57.81	-03 20.3	17.9	-1.03	- 2.8	1.3/06.6	16076	2000 DF ₁₁₀	2001 09 06.1	22 59.68	-05 14.7	19.6	-1.00	- 6.3	0.5/06.5	10953
1998 KH ₅₆	2001 09 05.6	22 57.85	-42 38.0	18.2	-1.15	-11.6	15.2/21.7	37690	1998 XD ₈₁	2001 09 06.1	22 59.71	+03 40.6	19.3	-0.87	- 5.9	3.3/09.5	16028
1981 EQ ₅	2001 09 05.7	22 57.96	+01 05.3	18.7	-0.94	- 5.3	2.7/08.0	15996	2000 HR ₃₁	2001 09 06.1	22 59.75	-17 20.8	17.9	-0.79	- 8.7	3.5/02.2	16073
1989 GP ₂	2001 09 05.7	22 57.98	+05 53.8	18.0	-0.72	- 5.9	3.7/10.1	15998	2000 FM ₁₆	2001 09 06.1	22 59.79	-26 16.5	16.3	-1.15	+ 3.4	8.7/01.8	16061
2000 EQ ₁₂₉	2001 09 05.7	22 58.08	-08 26.5	16.2	-0.69	-12.9	0.7/05.0	15719	2001 PV ₂₅	2001 09 06.2	22 59.89	-13 45.5	16.9	-0.94	- 1.9	2.8/04.1	15949
2000 CB ₆₂	2001 09 05.7	22 58.20	+13 27.5	17.1	-1.54	+ 7.6	9.4/09.2	15677	2000 GS ₁₀₉	2001 09 06.2	22 59.92	-11 52.3	18.5	-0.81	- 6.5	1.9/04.4	15754
2055 T-2	2001 09 05.7	22 58.21	+06 20.1	17.3	-0.66	-11.1	4.8/10.9	16169	2000 HX ₃₆	2001 09 06.2	22 59.98	-11 52.5	17.6	-0.79	- 9.6	1.8/04.3	16073
2000 KA ₂₃	2001 09 05.7	22 58.26	-17 18.4	17.6	-0.73	- 7.5	3.4/01.9	16082	2001 PP ₂₇	2001 09 06.2	23 00.00	+00 47.8	19.0	-0.87	- 3.1	2.4/08.4	15950
2000 JD ₇₆	2001 09 05.7	22 58.26	-33 23.2	18.0	-1.00	- 3.3	9.3/27.6	16081	2000 DE ₆₃	2001 09 06.2	23 00.00	-05 28.6	19.4	-0.93	- 6.1	0.3/06.5	2386
1993 RH ₅	2001 09 05.7	22 58.30	-06 47.0	17.5	-0.94	- 2.9	0.1/05.7	16002	2000 KT ₂	2001 09 06.2	23 00.10	-26 58.4	19.4	-0.73	- 8.1	5.4/29.5	16081
2000 GY ₉₀	2001 09 05.7	22 58.32	-20 09.6	16.9	-0.82	- 6.5	5.4/01.1	16067	2001 NW ₂₁	2001 09 06.2	23 00.15	+02 20.9	17.6	-0.93	- 2.2	3.0/08.8	15856
2000 GQ ₄₄	2001 09 05.7	22 58.35	-09 20.9	17.7	-0.86	- 5.2	1.1/04.9	16064	2000 HN ₄₆	2001 09 06.3	23 00.13	+02 50.6	19.2	-0.89	- 6.6	3.4/09.3	3581
2001 PT ₆	2001 09 05.8	22 58.41	-05 27.7	18.4	-0.76	- 6.7	0.4/06.2	15938	1997 MQ ₂	2001 09 06.3	23 00.17	-06 08.9	17.6	-0.78	- 6.2	0.1/06.4	16010
2000 ET ₁₃₉	2001 09 05.8	22 58.41	-10 49.4	18.1	-0.80	- 9.7	1.5/04.3	16059	4733 P-L	2001 09 06.3	23 00.26	-05 06.4	17.9	-0.79	- 9.3	0.5/06.8	16167
1988 CH ₅	2001 09 05.8	22 58.41	+02 46.1	19.0	-0.91	- 4.9	3.4/08.7	15997	2138 P-L	2001 09 06.3	23 00.26	-00 17.7	18.7	-0.86	- 5.7	2.2/08.3	16166
1999 AA ₂₁	2001 09 05.8	22 58.50	+05 11.5	15.0	-1.53	+11.4	6.0/07.1	16029	2000 EW ₁₂₈	2001 09 06.3	23 00.26	-13 39.7	18.4	-0.93	- 3.8	2.5/04.2	16058
2000 GM ₈₇	2001 09 05.8	22 58.51	-18 19.2	16.4	-0.86	- 9.4	5.5/01.5	16067	2000 EK ₁₂₈	2001 09 06.3	23 00.27	-10 51.1	17.0	-0.82	- 6.9	2.0/04.8	16058
2001 PY ₂₆	2001 09 05.8	22 58.57	-06 30.4	18.2	-0.85	- 6.4	0.0/05.9	15950	2000 JD ₅₁	2001 09 06.3	23 00.31	-18 53.9	18.2	-0.84	- 2.4	3.6/02.6	15797
2001 PG ₃₄	2001 09 05.8	22 58.67	+06 41.6	17.1	-0.72	- 5.5	4.3/10.5	15952	6679 P-L	2001 09 06.3	23 00.36	-08 24.5	18.5	-0.98	- 3.8	0.7/05.8	16168
2000 JC ₈₅	2001 09 05.8	22 58.67	-34 53.4	15.6	-0.77	- 5.6	10.3/25.4	15803	2001 OM ₁₀₄	2001 09 06.3	23 00.50	-15 05.4	16.9	-0.95	+ 0.3	3.0/04.1	15929
2000 JO ₂₇	2001 09 05.8	22 58.72	-00 34.7	16.5	-0.87	- 3.6	2.7/07.7	16078	2000 GQ ₄₃	2001 09 06.3	23 00.55	-11 58.9	16.5	-0.86	- 3.8	2.4/04.7	16064
2001 OW ₆₈	2001 09 05.8	22 58.74	+10 09.5	17.1	-0.98	- 0.2	6.9/10.6	15896	2001 PZ ₂₆	2001 09 06.4	23 00.52	-07 08.9	18.6	-0.76	- 4.8	0.3/06.1	15950
2001 QQ ₆₅	2001 09 05.8	22 58.74	+01 15.4	16.5	-0.84	- 6.9	3.9/08.6	15980	2000 GU ₁₆₃	2001 09 06.4	23 00.55	+08 08.3	18.8	-0.77	-10.2	4.7/11.9	16071
2001 LQ ₈	2001 09 05.9	22 58.77	+04 39.5	16.5	-0.64	- 3.3	5.9/09.7	16098	2000 GP ₁₀₅	2001 09 06.4	23 00.58	+01 51.2	19.2	-0.92	- 6.8	3.1/09.1	487
1997 WD ₃₆	2001 09 05.9	22 58.88	-06 34.9	17.6	-0.79	- 4.5	0.0/05.9	34299	2000 GL ₈	2001 09 06.4	23 00.65	-07 06.6	20.5	-0.98	- 5.1	0.3/06.2	14863
2000 HN ₁₀₃	2001 09 05.9	22 58.98	-18 06.6	17.1	-0.74	- 8.5	4.5/01.7	15787	2000 GQ ₇₃	2001 09 06.4	23 00.70	+03 14.0	18.7	-0.90	- 7.2	3.7/09.6	16066
2000 KO ₆₅	2001 09 05.9	22 58.98	-10 23.0	19.5	-0.70	- 8.6	1.1/04.5	3938	2001 PG ₇	2001 09 06.4	23 00.90	-05 02.7	17.7	-0.82	- 8.2	0.6/06.9	15939
1981 EN ₁₆	2001 09 05.9	22 59.01	-02 16.7	19.7	-0.97	- 3.5	1.4/07.2	15996	1998 AN ₈	2001 09 06.4	23 00.92	-32 13.5	17.7	-1.04	- 0.9	9.7/29.5	16014
1999 CD ₁₂₈	2001 09 06.0	22 59.04	-27 58.6	17.3	-0.78	- 4.1	5.9/29.6	16035	2001 PD ₇	2001 09 06.5	23 00.91	+00 14.8	17.0	-0.64	- 9.2	2.7/09.0	15939
2001 OP ₃₉	2001 09 06.0	22 59.06	-18 08.1	16.8	-0.96	- 5.2	5.0/02.4	15878	2000 GB ₆₅	2001 09 06.5	23 01.01	+07 05.8	18.4	-0.78	- 8.9	4.5/11.5	1600
2001 OG ₉₅	2001 09 06.0	22 59.08	+31 23.8	16.2	-1.27	+ 6.4	16.5/13.8	15920	4220 T-2	2001 09 06.5	23 01.02	-03 18.6	17.8	-0.71	-10.5	1.1/08.0	16169
2001 PU ₂₆	2001 09 06.0	22 59.11	-07 53.1	17.3	-0.90	- 3.0	0.5/05.6	15950	2000 GQ ₁₅₅	2001 09 06.5	23 01.03	-11 21.0	21.0	-0.92	- 5.7	1.8/04.9	7028
2001 PU ₅	2001 09 06.0	22 59.14	-16 46.1	16.3	-0.72	- 7.0	4.9/02.3	16128	1998 VT ₁₃	2001 09 06.5	23 01.04	-11 17.1	17.3	-1.06	- 3.6	2.3/05.1	16024
2001 OP ₆₉	2001 09 06.0	22 59.15	-06 41.3	16.3	-0.82	+ 1.7	0.1/06.0	15898	1999 GG ₄₄	2001 09 06.5	23 01.10	-23 41.5	17.7	-0.77	- 3.6	4.6/31.7	15641
1999 CL ₇₆	2001 09 06.0	22 59.19	+02 57.9	15.7	-1.07	+ 1.2	3.9/08.3	16034	2000 EL ₁₀₆	2001 09 06.5	23 01.10	-09 06.8	19.0	-0.98	- 4.8	1.1/05.7	16058
2001 MP ₁₅	2001 09 06.0	22 59.20	-00 14.7	16.7	-0.81	- 1.5	3.1/07.9	16101	1999 JC ₃₅	2001 09 06.5	23 01.11	+08 06.7	17.6	-0.69	- 5.1	3.9/11.6	16038
2000 EU ₃₅	2001 09 06.0	22 59.21	-16 45.7	18.7	-1.06	- 4.0	4.1/03.0	16055	2000 FL ₃₀	2001 09 06.5	23 01.26	-07 22.1	18.1	-0.85	- 6.4	0.4/06.2	16061
2000 FP ₃₄	2001 09 06.0	22 59.23	-19 00.6	18.8	-1.01	- 3.9	4.8/02.3	16061	1993 FO ₃₀	2001 09 06.5	23 01.27	+00 47.2	18.3	-0.94	- 5.9	2.8/08.9	15564
2000 JS ₁₂	2001 09 06.0	22 59.30	+00 15.8	19.1	-0.96	- 6.0	2.7/08.0	16077	2000 DV ₆₈	2001 09 06.5	23 01.28	-05 22.4	18.3	-0.99	- 4.4	0.3/06.9	16052
1999 CZ ₁₁₀	2001 09 06.0	22 59.35	-02 04.1	18.2	-0.80	- 7.0	1.5/07.6	15630	1999 CZ ₄₄	2001 09 06.6	23 01.21	-20 43.9	17.2	-0.81	- 8.9	4.8/01.2	16033
2001 PZ ₆	2001 09 06.0	22 59.36	-04 23.7	16.8	-0.68	-13.3	0.8/06.9	15938	2000 DP ₆	2001 09 06.6	23 01.22	-11 09.2	17.5	-0.95	- 7.3	2.1/05.0	16051
1991 TZ ₁₀	2001 09 06.0	22 59.38	-06 59.9	21.0	-0.89	- 5.2	0.2/05.9	15562	2001 OS ₃₉	2001 09 06.6	23 01.25	-25 30.1	17.8	-0.81	- 7.9	6.3/30.5	15878

2000 KX ₁₇	2001 09 06.6	23 01.27 -09 14.0 17.4	-0.75 - 4.4	1.0/05.7	16082	1999 CH ₇₂	2001 09 07.1	23 03.42 +02 25.5 18.9	-0.86 - 6.0	2.8/10.0	16033
2000 JC ₁₄	2001 09 06.6	23 01.31 -10 20.5 19.5	-0.96 - 5.2	1.4/05.4	1330	2001 PU ₄₉	2001 09 07.1	23 03.46 -22 24.4 17.3	-1.44 + 5.7	6.4/04.3	15957
1998 XL ₇₈	2001 09 06.6	23 01.35 -13 39.4 18.9	-0.92 - 7.6	2.7/04.1	16028	2001 PO ₂₆	2001 09 07.2	23 03.39 -11 17.1 18.1	-0.78 - 3.7	2.0/05.5	15950
3029 T-2	2001 09 06.6	23 01.42 -07 06.3 19.3	-0.80 - 5.2	0.3/06.4	16169	1981 EJ ₃₁	2001 09 07.2	23 03.41 -05 33.0 18.7	-0.87 - 7.5	0.2/07.4	15997
2000 EV ₁₃₈	2001 09 06.6	23 01.43 -30 59.1 16.9	-0.94 - 2.9	9.7/29.6	16059	1999 DB ₄	2001 09 07.2	23 03.48 -07 59.2 17.8	-0.85 - 5.5	0.8/06.6	16035
1996 TO ₃	2001 09 06.6	23 01.50 +04 48.0 17.7	-0.83 - 2.6	3.7/10.1	16008	2000 LN ₇	2001 09 07.2	23 03.52 -32 24.1 18.7	-0.86 - 5.2	7.7/28.6	2557
1998 SH ₁₀₅	2001 09 06.6	23 01.60 -10 13.5 17.6	-0.96 - 8.2	1.6/05.4	16021	2001 NQ ₂₁	2001 09 07.2	23 03.56 +01 16.4 16.5	-0.90 - 2.0	2.7/09.3	16107
2000 GJ ₉₅	2001 09 06.7	23 01.67 +14 46.2 16.6	-0.74 - 8.4	8.1/15.0	16067	2000 JB ₇₃	2001 09 07.2	23 03.58 -05 02.2 19.1	-0.76 - 7.7	0.3/07.6	3936
2000 EK ₉₆	2001 09 06.7	23 01.69 -36 19.8 18.5	-1.20 + 3.2	9.8/30.5	727	2000 HN ₃₀	2001 09 07.2	23 03.62 -13 45.0 17.7	-0.78 -10.8	2.7/04.4	16072
1999 AW ₇	2001 09 06.7	23 01.76 -31 35.5 16.5	-0.85 - 6.6	10.1/27.9	16029	2001 PD ₂₇	2001 09 07.2	23 03.74 -05 10.5 17.4	-0.70 - 9.5	0.4/07.6	15950
1998 TB ₁₇	2001 09 06.7	23 01.79 -02 04.6 18.6	-0.97 - 5.8	1.9/08.0	16023	2001 PA ₃₅	2001 09 07.3	23 03.74 +15 59.9 18.8	-0.75 - 7.1	8.5/15.9	15952
2001 OE ₈₂	2001 09 06.7	23 01.79 -11 28.7 17.3	-0.94 - 2.0	2.2/05.3	15909	1999 HH ₄	2001 09 07.3	23 03.77 -05 46.2 19.3	-0.72 - 4.7	0.1/07.4	16038
2000 HW ₂₁	2001 09 06.7	23 01.81 +01 37.7 19.4	-0.89 - 6.6	2.9/09.3	16072	2000 DF ₂₈	2001 09 07.3	23 03.79 -07 40.2 17.4	-0.92 - 6.2	0.8/06.8	16051
2000 EO ₁₃₈	2001 09 06.7	23 01.88 -35 03.8 17.8	-1.08 + 0.6	10.6/29.7	1581	2000 JS ₇₃	2001 09 07.3	23 03.88 -24 45.5 19.0	-0.83 - 6.5	5.7/31.7	15801
2000 JW ₂₆	2001 09 06.7	23 01.90 -00 23.7 18.2	-0.91 - 5.3	2.0/08.6	16078	2000 FQ ₁₆	2001 09 07.3	23 03.92 -15 44.4 17.6	-0.80 - 8.0	3.4/03.9	15728
3111 P-L	2001 09 06.7	23 01.95 +06 33.1 18.5	-0.83 - 2.4	4.4/10.7	15987	2001 PL ₃₄	2001 09 07.3	23 04.04 +06 02.7 17.4	-0.66 - 9.2	3.8/12.0	15952
2000 HQ ₄₉	2001 09 06.8	23 01.96 -05 29.8 17.8	-0.84 - 5.3	0.3/07.0	16074	2000 GG ₁₀₉	2001 09 07.3	23 04.16 -14 28.1 18.8	-0.90 - 4.5	2.9/04.7	16069
1996 FV ₄	2001 09 06.8	23 02.07 -09 38.1 16.5	-1.09 - 1.6	1.6/05.9	16007	2000 GY ₁₁₃	2001 09 07.4	23 04.14 -10 35.6 18.9	-0.99 - 3.1	1.7/06.1	16069
2000 EV ₆₆	2001 09 06.8	23 02.12 -09 18.4 17.4	-0.90 - 4.2	1.4/05.9	16056	2000 KW ₅₅	2001 09 07.4	23 04.19 -21 10.3 17.5	-0.78 - 4.9	4.6/02.3	16083
2000 GT ₁₂₅	2001 09 06.8	23 02.13 -08 51.9 18.0	-0.71 - 6.9	0.8/05.9	15758	1993 TJ ₃₈	2001 09 07.4	23 04.27 -00 39.0 17.3	-0.77 - 9.2	1.9/09.4	16003
2000 CO ₁₁₆	2001 09 06.8	23 02.17 -19 36.0 18.6	-0.90 - 7.9	4.7/02.3	16051	1999 BT ₂₅	2001 09 07.4	23 04.32 +00 43.1 17.1	-0.92 - 6.3	2.9/09.6	16031
2000 GC ₇₃	2001 09 06.8	23 02.18 -18 45.9 18.8	-0.92 - 2.6	4.1/03.1	16066	2000 EN ₁₅₅	2001 09 07.4	23 04.34 +03 33.7 17.2	-1.05 - 2.0	4.1/10.1	15724
2000 EN ₁₃₅	2001 09 06.8	23 02.22 -12 10.4 19.1	-0.91 - 6.1	2.2/04.9	16059	2000 HH ₁₁	2001 09 07.4	23 04.38 -18 11.6 19.4	-1.00 - 4.3	4.5/03.7	15767
1999 FS ₄₄	2001 09 06.8	23 02.24 -02 41.3 17.6	-0.91 - 4.6	1.2/07.9	16036	2000 JO ₁₁	2001 09 07.4	23 04.40 +04 32.0 18.1	-0.80 - 5.3	3.7/11.0	15790
2000 GA ₆₀	2001 09 06.8	23 02.25 -03 47.0 19.0	-0.82 - 6.3	0.8/08.0	1599	2001 NN ₂₁	2001 09 07.4	23 04.40 -09 59.7 17.7	-0.88 - 7.2	1.8/06.1	15856
1997 VO ₁	2001 09 06.8	23 02.31 -31 58.7 16.2	-1.02 - 0.1	10.8/29.9	16012	2000 GW ₈₄	2001 09 07.4	23 04.43 -19 11.0 18.6	-0.82 - 8.4	4.5/02.7	16067
2000 EG ₉₁	2001 09 06.8	23 02.31 +00 17.3 20.5	-0.91 - 6.9	2.2/09.0	2413	2001 PC ₃₅	2001 09 07.4	23 04.46 +08 55.6 17.5	-0.76 - 3.3	4.1/12.4	15952
1997 TB	2001 09 06.8	23 02.31 +06 54.5 18.5	-0.75 - 8.8	4.2/11.7	16011	2001 NZ ₁₅	2001 09 07.4	23 04.47 -15 44.7 18.1	-0.70 - 7.9	3.0/03.9	15852
2000 FQ ₂₂	2001 09 06.9	23 02.36 -31 57.6 19.1	-1.06 - 0.2	8.6/30.8	1585	1993 FZ ₄₃	2001 09 07.5	23 04.59 -01 38.4 18.8	-0.90 - 8.1	1.5/09.0	16002
2000 HW ₂₀	2001 09 06.9	23 02.36 -09 54.1 18.5	-0.85 - 5.9	1.2/05.7	1625	2000 HH ₂₆	2001 09 07.5	23 04.60 -12 43.5 18.0	-0.85 - 5.1	2.4/05.3	15771
2000 DO ₆₇	2001 09 06.9	23 02.39 -07 13.8 17.9	-1.00 - 4.1	0.5/06.6	16052	1992 EJ ₁₇	2001 09 07.5	23 04.60 -13 02.9 18.1	-0.86 - 8.3	2.6/05.1	15563
2001 OO ₃₉	2001 09 06.9	23 02.41 -20 56.7 17.4	-0.76 - 6.0	4.7/01.7	15877	2000 JU ₉	2001 09 07.5	23 04.82 -20 41.1 19.1	-0.81 - 6.3	4.9/02.5	16077
1999 CE ₇₅	2001 09 06.9	23 02.69 +05 20.9 19.7	-0.71 - 6.0	2.9/11.0	35083	2000 HL ₄₀	2001 09 07.5	23 04.83 -09 44.5 17.7	-0.65 - 9.3	1.3/06.1	15775
1981 EO ₃₃	2001 09 07.0	23 02.66 +03 56.1 20.0	-0.73 - 8.3	2.9/10.7	26921	1992 OE ₇	2001 09 07.5	23 04.85 +09 25.4 16.7	-0.98 + 0.6	6.4/11.7	16001
2000 CK ₆₂	2001 09 07.0	23 02.68 -02 18.9 17.4	-0.89 - 9.0	1.5/08.3	16049	2000 EK ₁₃₂	2001 09 07.6	23 04.85 -00 52.0 16.8	-0.80 - 9.7	2.1/09.4	16059
2000 CF ₇₇	2001 09 07.0	23 02.74 -07 26.6 17.6	-0.94 - 4.9	0.5/06.6	16050	2001 QF ₁₃	2001 09 07.6	23 04.85 -06 54.6 17.9	-0.86 - 6.8	0.4/07.3	15964
2000 GR ₈₀	2001 09 07.0	23 02.79 +07 31.5 17.3	-0.83 - 5.6	4.4/11.7	16066	2001 NB ₂₁	2001 09 07.6	23 04.87 +03 44.9 17.3	-0.99 0.0	4.9/10.2	15855
1999 LV ₄	2001 09 07.0	23 02.80 -27 44.2 18.4	-0.74 - 5.3	5.3/30.2	15643	2000 HO ₇₇	2001 09 07.6	23 05.00 -34 30.1 16.8	-0.99 - 3.1	10.5/29.2	16076
2001 QU ₂₂	2001 09 07.0	23 02.94 -11 05.0 16.4	-0.82 - 4.8	2.4/05.5	15969	1998 US ₂₅	2001 09 07.6	23 05.12 -05 32.6 17.4	-0.84 -10.8	11.5/19.0	16024
2000 JV ₄₅	2001 09 07.0	23 02.95 -09 43.1 18.1	-0.73 - 4.9	1.1/05.9	15797	1999 BB ₃₀	2001 09 07.6	23 05.15 -13 04.7 19.3	-0.82 - 6.0	2.4/05.3	16031
1999 JQ ₆	2001 09 07.0	23 03.04 -32 18.8 19.0	-1.28 - 1.1	8.5/30.3	35736	2000 JS ₂₃	2001 09 07.6	23 05.19 +15 26.0 19.0	-0.83 - 6.1	7.1/15.4	15793
1994 PM ₃₁	2001 09 07.0	23 03.04 -00 38.6 17.4	-0.86 - 9.1	2.2/09.0	16004	1998 XL	2001 09 07.6	23 05.22 -27 04.8 17.4	-0.89 - 4.3	10.5/31.1	15607
2000 KS ₄₉	2001 09 07.0	23 03.05 -15 54.5 18.7	-1.01 - 5.2	4.1/04.0	16083	2000 HQ ₈	2001 09 07.7	23 05.22 -19 18.5 17.9	-1.01 - 3.5	5.5/03.6	16071
1999 CV ₄₅	2001 09 07.1	23 03.02 -09 20.7 17.6	-0.87 - 4.8	1.3/06.1	16033	2000 JS	2001 09 07.7	23 05.34 -04 06.3 20.0	-0.95 - 5.6	0.6/08.3	7032
1999 GR ₁₆	2001 09 07.1	23 03.04 -00 56.4 17.2	-0.70 - 7.5	1.6/09.0	16037	2000 KN ₄₂	2001 09 07.7	23 05.36 -08 56.8 17.8	-0.76 -10.2	1.0/06.6	16083
2000 GK ₈₇	2001 09 07.1	23 03.14 -09 52.6 17.7	-0.82 - 6.4	1.3/05.9	15750	2001 QB ₁₃	2001 09 07.7	23 05.40 -03 28.0 17.6	-0.81 - 3.8	1.2/08.5	15964
1999 GQ ₃₇	2001 09 07.1	23 03.24 -21 41.0 17.6	-0.75 - 4.5	4.4/01.8	16037	2001 PG	2001 09 07.7	23 05.43 +13 45.0 17.3	-0.88 - 3.9	7.1/14.1	15932
2000 GM ₁₀₆	2001 09 07.1	23 03.26 -03 23.6 17.9	-0.87 - 4.8	0.9/08.0	15754	2001 MN ₆	2001 09 07.7	23 05.45 -06 38.0 16.4	-0.67 -10.9	0.4/07.5	15835
1999 GQ ₁₀	2001 09 07.1	23 03.37 -06 21.5 19.9	-0.72 - 4.5	0.1/07.1	16037	4213 P-L	2001 09 07.7	23 05.49 -06 37.2 18.1	-0.85 - 2.3	0.3/07.5	16167
5112 T-2	2001 09 07.1	23 03.37 +08 35.1 18.7	-0.72 - 4.0	3.8/12.1	16169	2000 GE ₁₅₃	2001 09 07.7	23 05.49 +05 16.0 18.3	-0.84 - 6.3	3.8/11.6	16070
1997 TU ₂	2001 09 07.1	23 03.41 -06 01.4 17.4	-0.87 - 4.3	0.0/07.2	16011	1999 GA ₁₄	2001 09 07.7	23 05.56 -05 45.6 19.4	-0.72 - 4.8	6.6/19.0	2038

2000 EP ₉₇	2001 09 07.7	23 05.57 -04 43.8 18.4	-0.74 - 5.5	0.3/08.2	16057	1998 XW	2001 09 08.4	23 08.06 -10 57.7 19.5	-0.94 - 5.7	1.9/06.8	2638
1999 JV ₂₀	2001 09 07.7	23 05.58 -08 58.8 17.4	-0.74 - 4.3	0.8/06.8	15642	2000 JS ₁₉	2001 09 08.4	23 08.07 -02 39.0 18.0	-0.98 - 5.8	1.1/09.4	16077
1993 TY ₃₄	2001 09 07.7	23 05.60 -12 03.8 18.1	-0.90 - 3.6	2.6/05.9	16003	2000 JW ₃₆	2001 09 08.4	23 08.09 -08 26.8 17.7	-0.75 - 4.3	0.9/07.6	16079
1997 GX ₂₇	2001 09 07.7	23 05.62 -51 55.4 21.7	-1.73 + 4.0	16.1/29.1	30788	2001 MG ₂₄	2001 09 08.5	23 08.04 -18 37.4 16.1	-0.76 - 4.9	6.2/04.1	16103
2000 JQ ₂₇	2001 09 07.8	23 05.58 -08 25.7 18.3	-1.00 - 4.4	1.0/07.0	2778	2001 QY ₂₅	2001 09 08.5	23 08.04 -15 15.3 17.8	-0.76 -14.5	3.1/04.6	15971
2001 PQ ₁₄	2001 09 07.8	23 05.70 -09 28.4 17.1	-0.77 -10.9	1.8/06.5	15945	2000 GZ ₇₈	2001 09 08.5	23 08.05 -19 46.4 18.6	-1.05 - 3.7	6.0/04.2	16066
2000 JW ₆₇	2001 09 07.8	23 05.87 -14 25.8 19.3	-0.88 - 6.6	2.8/05.0	16080	3192 T-3	2001 09 08.5	23 08.05 -05 32.3 17.6	-0.96 - 8.0	0.0/08.5	16170
3347 T-2	2001 09 07.8	23 05.93 -11 12.6 18.3	-0.95 - 6.1	2.0/06.2	16169	1999 CC ₅₄	2001 09 08.5	23 08.08 -04 43.1 17.2	-0.84 - 2.2	0.3/08.8	15625
1997 JS ₁₇	2001 09 07.8	23 05.94 -04 54.9 19.5	-0.93 - 7.7	9.9/28.0	12118	1998 UR ₂₃	2001 09 08.5	23 08.16 -07 47.7 17.0	-0.92 - 9.8	1.0/07.8	16023
1998 VX ₁₉	2001 09 07.8	23 05.95 -13 52.9 18.1	-0.94 - 7.3	3.0/05.2	16024	2000 GR ₈₈	2001 09 08.5	23 08.27 -29 41.3 17.1	-0.97 - 1.2	9.3/01.2	1605
2000 GT ₉₁	2001 09 07.9	23 06.04 -29 24.9 19.2	-0.96 - 2.8	7.6/31.5	2768	1986 EP ₂	2001 09 08.5	23 08.27 -04 48.1 19.1	-0.85 - 4.5	0.2/08.8	14343
1996 GN ₁₇	2001 09 07.9	23 06.05 -04 27.5 18.6	-0.88 - 6.1	0.4/08.4	16007	1999 DE ₂	2001 09 08.5	23 08.27 +01 29.1 16.4	-1.03 + 0.2	2.9/10.3	16035
2000 GZ ₇₂	2001 09 07.9	23 06.10 -21 57.5 19.7	-0.88 - 2.2	4.7/03.1	1602	1993 VR	2001 09 08.5	23 08.33 +15 50.5 18.0	-0.82 - 5.8	8.0/16.1	15567
2000 FU ₃₇	2001 09 07.9	23 06.13 -17 31.4 19.1	-0.97 - 4.7	3.9/04.3	1588	2000 HY ₈₀	2001 09 08.5	23 08.35 -21 30.6 17.3	-0.69 - 7.2	6.1/02.6	16076
1998 VY ₂₇	2001 09 07.9	23 06.15 -10 31.1 17.7	-1.03 - 4.1	1.9/06.6	16025	2000 GN ₁₄₈	2001 09 08.6	23 08.44 +08 17.8 17.3	-0.64 -19.3	5.2/14.9	16070
1996 EH ₁₀	2001 09 07.9	23 06.15 -06 18.1 16.4	-0.83 - 3.0	0.3/07.8	16007	2001 OR ₆₉	2001 09 08.6	23 08.45 -15 53.2 17.4	-0.66 -11.3	3.1/04.5	15898
1998 YO ₁₆	2001 09 07.9	23 06.19 +02 44.8 18.5	-0.98 - 4.3	3.4/10.5	35730	1998 WH ₁₆	2001 09 08.6	23 08.47 -18 20.3 18.9	-0.99 - 5.4	5.1/04.5	16026
2000 ER ₉₇	2001 09 07.9	23 06.20 -38 13.8 19.6	-1.23 - 0.9	9.7/29.2	728	2000 DU ₇₈	2001 09 08.6	23 08.56 -07 50.4 17.6	-1.02 - 3.9	0.9/08.0	16053
2000 ED ₁₃₄	2001 09 07.9	23 06.21 -17 31.4 17.5	-0.74 - 8.4	4.5/03.7	16059	1995 HD	2001 09 08.6	23 08.61 -11 57.6 19.4	-0.91 - 5.2	2.2/06.6	1898
1999 CX ₄₇	2001 09 07.9	23 06.27 -05 26.1 18.1	-0.75 - 4.7	7.2/28.0	2642	1981 ED ₃	2001 09 08.6	23 08.77 +07 06.1 20.3	-0.68 - 6.2	3.4/13.0	35677
1999 FU ₁₇	2001 09 08.0	23 06.56 +06 50.2 17.5	-0.66 - 8.1	3.5/12.8	16036	2000 GT ₁₀₇	2001 09 08.6	23 08.78 -31 33.9 17.2	-1.05 - 0.1	10.3/31.9	16068
2000 DL ₅₉	2001 09 08.0	23 06.63 -05 24.1 18.6	-0.90 - 7.1	0.1/08.2	15691	2001 OO ₉₈	2001 09 08.6	23 08.78 -25 09.1 17.9	-0.75 - 4.0	7.5/01.8	15924
2000 CR ₇₉	2001 09 08.1	23 06.70 -06 23.2 16.9	-0.84 - 9.6	0.3/07.9	15679	2000 GL ₁₃₃	2001 09 08.7	23 08.77 -06 03.8 18.5	-0.80 - 6.6	0.2/08.5	15078
2000 GB ₁₃₄	2001 09 08.1	23 06.73 +00 56.1 17.7	-0.66 - 9.2	2.1/10.7	15759	1996 CL ₁	2001 09 08.7	23 08.81 -16 36.6 18.6	-0.86 - 8.8	3.6/04.8	16006
2001 QT ₁₃	2001 09 08.1	23 06.77 -05 54.0 17.1	-1.11 + 2.9	0.1/08.1	15964	2000 JS ₂₁	2001 09 08.7	23 08.82 -04 23.6 18.8	-0.98 - 5.4	0.4/09.1	16078
2001 QL ₅₂	2001 09 08.1	23 06.80 -03 18.2 17.5	-0.87 - 3.0	0.9/08.9	15977	2000 GA ₉₃	2001 09 08.7	23 08.82 -13 19.5 18.6	-1.00 - 5.5	3.0/06.3	16067
2001 ND ₂₁	2001 09 08.1	23 06.90 -02 35.9 17.1	-0.73 - 4.3	1.1/09.2	15855	1996 TY ₂₇	2001 09 08.7	23 08.88 -13 18.4 19.8	-0.70 - 4.6	1.9/06.1	31279
2000 GP ₉₉	2001 09 08.1	23 06.96 +05 02.7 18.5	-0.91 - 7.1	4.2/11.8	16068	1994 VE ₂	2001 09 08.7	23 08.91 -13 26.0 17.3	-1.00 - 3.7	3.5/06.3	16005
1997 SG ₃₄	2001 09 08.1	23 06.98 -22 22.7 18.0	-1.04 - 1.6	6.1/03.2	16011	1999 CD ₅₅	2001 09 08.7	23 08.98 -14 45.3 17.8	-0.82 - 5.6	3.1/05.6	16033
2000 JE ₅₈	2001 09 08.2	23 06.98 +10 31.3 18.7	-0.76 - 6.9	4.8/14.1	16080	1996 HM ₂₃	2001 09 08.7	23 08.99 -08 01.4 19.1	-0.86 - 6.1	0.8/07.9	1907
2000 LG ₄	2001 09 08.2	23 07.02 -24 31.5 17.7	-0.73 - 6.7	5.2/01.2	15814	2000 GN ₁₃₉	2001 09 08.7	23 08.99 -16 02.0 18.9	-0.97 - 7.2	4.2/05.2	16070
2000 FR ₁₃	2001 09 08.2	23 07.04 -21 06.6 17.9	-0.77 -10.2	5.6/02.4	16060	2000 GU ₁₀₃	2001 09 08.7	23 09.08 -12 54.9 18.0	-0.87 - 5.1	2.7/06.4	16068
2000 DQ ₅₇	2001 09 08.2	23 07.05 -02 21.9 18.1	-0.89 - 5.2	1.2/09.3	15691	1996 PO ₁	2001 09 08.7	23 09.09 -07 58.3 18.7	-0.85 - 4.6	0.8/08.0	16008
1996 UJ ₂	2001 09 08.2	23 07.07 -02 26.4 17.1	-0.87 - 1.8	1.1/09.2	15580	2000 GW ₅₄	2001 09 08.7	23 09.12 +00 02.8 18.0	-0.93 - 7.5	2.1/10.6	16065
2001 QP ₆₉	2001 09 08.2	23 07.08 +06 46.1 16.7	-0.73 -11.9	5.0/13.3	15980	2000 HE ₇₆	2001 09 08.8	23 09.13 -12 14.6 18.9	-0.84 - 5.6	2.3/06.6	16076
2001 PA ₄₇	2001 09 08.2	23 07.14 -23 28.1 17.8	-0.83 - 3.7	5.3/02.3	15956	2000 HN ₅	2001 09 08.8	23 09.24 -08 48.1 18.0	-0.74 - 4.5	1.1/07.7	16071
2001 OM ₈₇	2001 09 08.2	23 07.20 +02 13.2 17.8	-1.58 + 8.1	3.6/09.4	15913	2001 PM ₃	2001 09 08.8	23 09.51 +09 12.9 17.4	-0.66 - 8.1	4.4/14.4	15936
2000 HX ₂₉	2001 09 08.2	23 07.21 -01 17.8 19.3	-0.87 - 5.3	1.4/09.7	1627	2001 OX ₄₈	2001 09 08.9	23 09.51 -02 26.5 17.0	-0.76 - 6.9	1.3/09.9	15884
1989 SV ₅	2001 09 08.2	23 07.31 -16 07.8 18.1	-0.90 - 5.2	3.4/04.9	15998	2000 GA ₅₂	2001 09 08.9	23 09.51 -09 58.6 20.3	-0.96 - 5.3	1.6/07.5	3556
2001 OU ₆₈	2001 09 08.2	23 07.34 +10 19.7 16.2	-0.83 - 1.6	7.2/13.3	15896	2000 EF ₁₃₅	2001 09 08.9	23 09.71 -13 11.0 17.0	-0.89 - 6.5	3.4/06.4	16059
2000 HN ₃₃	2001 09 08.3	23 07.32 -11 26.0 18.7	-0.77 - 3.6	2.1/06.5	15773	1992 SN ₁₂	2001 09 08.9	23 09.72 -06 05.5 17.4	-0.81 - 5.3	0.2/08.7	16001
2001 OZ ₇₈	2001 09 08.3	23 07.34 -14 54.5 18.0	-0.80 - 6.4	3.1/05.1	15907	2000 EJ ₄₈	2001 09 08.9	23 09.74 -12 11.1 18.2	-1.06 - 3.1	2.7/07.0	16055
2000 KM ₃₇	2001 09 08.3	23 07.49 -08 54.9 19.1	-0.88 - 4.7	1.3/07.3	16082	2000 GQ ₆₅	2001 09 08.9	23 09.76 +17 14.9 17.9	-0.68 -10.2	6.9/18.6	2767
2000 JG ₅₅	2001 09 08.3	23 07.61 +04 38.9 18.3	-0.79 - 6.9	3.3/12.0	1649	1998 SL ₁₂₄	2001 09 08.9	23 09.77 -03 32.5 17.9	-0.93 - 8.8	0.7/09.6	16022
2000 KW ₅₂	2001 09 08.3	23 07.67 -02 44.1 18.9	-0.88 - 7.1	1.0/09.3	8474	2001 OX ₆₈	2001 09 08.9	23 09.82 +09 34.2 17.5	-0.78 - 4.8	5.9/14.1	15896
2000 HB ₇₅	2001 09 08.3	23 07.69 -09 29.8 18.2	-0.84 - 6.6	1.5/07.1	16075	1999 BN ₃₀	2001 09 08.9	23 09.86 -14 55.6 19.1	-0.84 - 6.5	3.0/05.7	35732
1998 XD ₂₆	2001 09 08.4	23 07.78 -16 58.0 18.5	-0.87 - 3.5	3.5/04.9	16027	1999 CZ ₁₃₇	2001 09 08.9	23 09.90 -05 17.8 20.5	-0.76 - 4.8	0.0/09.0	35734
2000 GD ₁₂	2001 09 08.4	23 07.80 +00 01.1 18.3	-0.83 - 7.3	2.0/10.4	16063	2000 HK ₇₅	2001 09 09.0	23 09.84 -10 44.3 18.5	-0.81 - 6.1	2.0/07.2	15783
2000 GW ₁₄₀	2001 09 08.4	23 07.93 -27 31.6 20.7	-0.90 - 4.7	6.6/01.1	1617	2001 QH ₁₄	2001 09 09.0	23 09.89 -04 18.0 17.3	-0.77 - 6.9	0.4/09.4	15965
2001 OQ ₁₀₅	2001 09 08.4	23 08.00 +05 02.7 16.8	-0.82 - 2.9	3.5/11.8	15929	3169 T-3	2001 09 09.0	23 09.93 -04 50.7 20.1	-0.89 - 6.1	0.2/09.2	3850
2001 QJ ₃₃	2001 09 08.4	23 08.04 +15 06.1 18.3	-0.71 - 7.3	7.4/16.6	15973	2000 FN ₃₉	2001 09 09.0	23 09.95 -10 21.3 18.6	-0.97 - 6.5	1.9/07.4	1588

2000 KA ₄₄	2001 09 09.0	23 10.06	-09 48.4	20.4	-0.92	- 5.2	1.5/07.7	2545	2000 GY ₄	2001 09 09.7	23 12.39	-27 49.4	17.9	-0.91	- 6.2	7.3/01.8	16063
2000 HP ₈₀	2001 09 09.0	23 10.06	-17 47.5	17.1	-0.65	- 9.6	4.5/04.2	16076	2000 FZ ₄₀	2001 09 09.7	23 12.48	-13 45.8	17.5	-0.96	- 5.7	3.4/07.0	16062
2000 GV ₄₅	2001 09 09.0	23 10.07	-15 45.8	21.2	-0.92	- 3.3	3.1/05.9	2766	2000 GR ₁₄₀	2001 09 09.7	23 12.66	-13 41.6	18.4	-0.99	- 4.7	3.3/07.1	16070
2000 JR ₃₉	2001 09 09.0	23 10.17	-06 05.7	18.9	-0.74	- 4.4	0.2/08.8	16079	1999 JG ₂₉	2001 09 09.7	23 12.72	+15 19.8	22.0	-0.60	- 4.7	3.8/17.5	3362
2000 CF ₈₆	2001 09 09.0	23 10.17	-08 48.0	17.1	-0.95	- 4.6	1.5/08.0	16050	1992 BW ₃	2001 09 09.7	23 12.77	-19 22.5	16.7	-0.93	- 2.2	7.3/05.4	16000
2001 QM ₂₃	2001 09 09.0	23 10.17	-10 53.7	16.4	-0.95	- 1.4	2.2/07.5	15969	2000 FE ₄₄	2001 09 09.8	23 12.82	-03 27.1	16.5	-0.67	-14.0	0.6/10.5	16062
2000 JN ₇₆	2001 09 09.0	23 10.19	-11 51.0	17.9	-0.84	- 6.3	2.0/06.9	16081	1999 CA ₁₀₂	2001 09 09.8	23 12.84	-25 07.4	18.5	-0.82	- 3.7	6.3/03.1	15629
1999 AH ₂₅	2001 09 09.0	23 10.19	-07 55.1	18.0	-0.73	- 5.2	0.7/08.2	16030	2000 EY ₃₁	2001 09 09.8	23 12.86	-10 18.1	16.8	-0.95	- 4.2	2.5/08.2	16054
2000 FP ₂₃	2001 09 09.0	23 10.20	-27 33.8	18.2	-0.92	- 4.1	8.3/01.7	16061	2000 JK ₃₀	2001 09 09.8	23 12.91	+05 30.2	17.2	-0.86	- 6.0	4.3/13.4	16078
2000 HV ₇₈	2001 09 09.0	23 10.21	-28 22.3	19.3	-0.89	- 6.1	7.8/32.0	8473	2001 PR ₄₄	2001 09 09.8	23 13.02	-11 03.2	17.2	-0.92	- 3.2	2.7/08.1	15956
2000 JW	2001 09 09.0	23 10.25	-26 50.5	17.0	-0.96	- 4.5	9.9/01.4	16076	2000 EH ₁₅₄	2001 09 09.8	23 13.02	-20 55.4	19.8	-1.02	- 2.3	5.3/05.3	736
1999 CB ₁₁₈	2001 09 09.0	23 10.27	+05 35.3	18.1	-0.81	- 2.1	3.1/12.5	15631	1998 VJ ₂₅	2001 09 09.8	23 13.04	-06 12.4	17.9	-0.97	- 7.0	0.5/09.5	16025
1998 CT ₂	2001 09 09.1	23 10.24	-02 14.6	18.1	-0.69	- 5.7	0.9/10.2	15593	2000 JD ₃₈	2001 09 09.8	23 13.09	-06 06.8	18.9	-0.80	- 4.8	0.4/09.5	16079
2000 GF ₃₁	2001 09 09.1	23 10.62	-02 32.0	19.1	-0.83	- 6.7	0.9/10.1	1595	1997 QC	2001 09 09.9	23 13.08	+05 59.7	17.3	-0.93	- 5.3	4.3/13.4	16010
1992 GA ₅	2001 09 09.2	23 10.70	-12 47.9	16.4	-0.89	- 3.3	3.4/07.0	16001	2000 DC ₇₄	2001 09 09.9	23 13.13	-04 23.4	19.2	-0.91	- 8.4	0.2/10.1	15693
1999 CC ₂₃	2001 09 09.2	23 10.72	-10 45.1	17.7	-0.82	- 6.1	1.8/07.4	16032	2000 GC ₉₆	2001 09 09.9	23 13.22	+06 57.2	17.8	-0.83	- 6.5	4.1/14.1	15753
2001 OM ₃₁	2001 09 09.2	23 10.73	+33 06.8	16.9	-1.03	- 2.9	12.3/22.9	15873	1998 TX ₁₂	2001 09 09.9	23 13.23	-02 49.3	18.4	-0.92	- 6.3	0.8/10.6	16023
4418 T-3	2001 09 09.2	23 10.77	-21 50.6	17.1	-0.94	- 2.4	7.2/04.1	16170	1999 CX ₉	2001 09 09.9	23 13.24	-11 44.3	17.2	-0.71	- 7.4	2.0/07.5	16032
2001 QA ₅₈	2001 09 09.2	23 10.89	-15 31.7	17.3	-0.83	- 3.6	3.7/06.0	15978	2000 JZ ₂₃	2001 09 09.9	23 13.29	+16 35.4	17.7	-0.86	- 5.5	7.4/17.7	16078
1996 HR ₁₅	2001 09 09.2	23 10.90	-05 02.7	18.1	-0.89	- 6.4	0.1/09.3	16007	1998 SK ₁₀₈	2001 09 09.9	23 13.31	+02 07.9	17.8	-0.96	- 7.3	3.0/12.3	16021
2000 JS ₁	2001 09 09.3	23 10.94	-23 59.8	19.1	-0.97	- 3.0	6.5/03.5	1639	2001 NX ₂₁	2001 09 09.9	23 13.43	-04 24.4	17.2	-0.88	- 3.6	0.3/10.2	15856
2000 EU ₄₆	2001 09 09.3	23 11.03	-06 49.7	18.4	-1.00	- 4.3	0.6/08.9	721	2000 AN ₁	2001 09 09.9	23 13.49	-47 51.7	19.2	-1.33	- 6.5	17.2/24.0	40427
2000 ET ₁₅₄	2001 09 09.3	23 11.10	-10 55.8	17.4	-0.71	-11.8	2.0/07.1	16059	2000 GH ₁₀₁	2001 09 09.9	23 13.50	-02 59.2	17.6	-1.02	- 2.8	0.8/10.6	771
2000 GA ₁₆₀	2001 09 09.3	23 11.12	-01 10.6	16.2	-0.97	- 2.1	1.9/10.5	16071	1999 FX	2001 09 10.0	23 13.44	-08 11.9	18.6	-0.74	- 3.6	0.8/09.0	15635
1988 CP ₅	2001 09 09.3	23 11.29	+06 12.7	17.0	-0.76	- 5.3	3.8/13.3	15558	2000 KF ₄₅	2001 09 10.0	23 13.47	-09 29.0	17.5	-0.79	- 6.3	1.7/08.5	16083
2000 CY ₁₀₂	2001 09 09.3	23 11.29	+15 37.4	17.7	-1.60	+ 5.8	10.5/13.1	15683	2000 KJ ₃₆	2001 09 10.0	23 13.64	+02 38.4	18.0	-0.71	- 7.4	2.4/12.8	15807
2001 PX ₃₉	2001 09 09.4	23 11.33	+06 06.2	18.9	-0.79	- 4.0	3.3/13.2	15954	1997 WL ₂₃	2001 09 10.0	23 13.73	-10 17.1	17.6	-0.82	- 4.5	2.3/08.3	16013
2001 QZ ₂₂	2001 09 09.4	23 11.34	-13 59.9	17.2	-0.82	- 4.3	3.9/06.5	15969	1993 FD ₃₆	2001 09 10.0	23 13.77	-12 48.7	17.2	-1.02	- 3.5	3.2/07.8	16002
2001 MY ₂	2001 09 09.4	23 11.38	+02 02.5	16.9	-0.63	-11.7	3.4/12.4	15834	2000 ET ₃₉	2001 09 10.0	23 13.78	-09 18.4	19.2	-0.96	- 4.3	1.6/08.8	719
2000 HV ₇₄	2001 09 09.4	23 11.42	-07 12.3	17.3	-0.79	- 7.6	0.8/08.7	16075	1999 JR ₆₆	2001 09 10.0	23 13.79	-22 03.1	17.1	-0.75	- 2.9	4.7/04.4	16039
2001 ON ₁₀₆	2001 09 09.4	23 11.44	+07 22.4	18.5	-1.04	+ 1.2	5.4/12.6	15930	1997 NO	2001 09 10.0	23 13.80	-10 29.5	18.6	-0.86	- 7.8	2.0/08.2	16010
2001 OL ₄₀	2001 09 09.4	23 11.48	-15 37.0	17.4	-0.82	- 7.7	3.6/05.7	15878	2000 GQ ₄₀	2001 09 10.0	23 13.82	-17 22.0	17.9	-1.02	- 1.1	4.5/06.7	15740
1999 CZ ₂₄	2001 09 09.4	23 11.56	-26 23.9	19.0	-0.87	- 5.8	6.5/01.9	15622	2000 HY ₃₀	2001 09 10.0	23 13.84	-26 02.3	17.6	-0.81	- 7.4	7.3/02.2	16072
1997 MA ₂	2001 09 09.4	23 11.60	-10 13.7	17.1	-0.48	- 7.7	2.8/07.5	15584	2000 KL ₁₆	2001 09 10.1	23 13.81	-09 33.0	17.9	-0.84	- 4.2	1.6/08.6	16082
1994 UY ₁₁	2001 09 09.4	23 11.65	-29 19.7	17.6	-1.40	+ 0.5	9.2/02.8	16005	2001 NZ ₂₁	2001 09 10.1	23 13.83	-01 37.4	16.6	-0.89	- 1.2	1.6/11.1	15856
2000 HZ ₄₈	2001 09 09.4	23 11.72	-21 00.6	18.9	-0.94	- 3.5	5.1/04.6	1631	1990 QP ₄	2001 09 10.1	23 13.94	-04 59.3	17.2	-0.91	- 3.6	0.0/10.1	15998
2748 P-L	2001 09 09.5	23 11.75	-04 19.9	18.0	-0.76	- 9.4	0.3/09.8	16167	2000 GJ ₁₂₃	2001 09 10.1	23 14.00	+09 29.9	19.3	-0.79	- 8.2	4.7/15.5	1613
1997 OH ₂	2001 09 09.5	23 11.91	-03 39.0	18.4	-0.79	- 6.7	0.7/10.1	15584	1999 CH ₇₀	2001 09 10.1	23 14.03	+06 18.9	18.1	-0.84	- 5.1	3.8/13.9	15627
2000 GP ₄₂	2001 09 09.5	23 11.94	-13 28.8	17.4	-1.12	- 1.6	3.7/07.3	15741	5096 T-3	2001 09 10.1	23 14.04	-18 54.7	17.7	-0.96	- 6.1	5.5/05.6	16170
2000 GB ₄₂	2001 09 09.5	23 11.98	-01 44.4	20.0	-0.85	- 6.3	1.1/10.7	427	2001 OS ₄₀	2001 09 10.1	23 14.06	-18 59.4	17.8	-0.93	- 6.4	5.8/05.4	15879
2000 FV ₂₂	2001 09 09.6	23 12.00	+10 32.4	19.5	-0.78	- 9.2	4.8/15.6	1585	2000 HW ₇₈	2001 09 10.1	23 14.13	-28 04.4	18.0	-0.83	- 7.3	8.9/01.5	15784
2000 HR ₈	2001 09 09.6	23 12.01	-14 01.0	19.3	-0.94	- 4.7	2.9/06.8	1622	1998 UA ₂₈	2001 09 10.1	23 14.20	+21 40.3	18.5	-0.89	- 9.5	8.6/20.5	16024
1999 FR ₄₆	2001 09 09.6	23 12.01	-09 50.9	17.3	-0.78	- 4.7	1.5/08.1	16037	2000 EA ₁₇₂	2001 09 10.1	23 14.22	+02 03.1	18.1	-0.93	- 6.3	2.6/12.5	6270
2000 JA ₈₁	2001 09 09.6	23 12.07	-15 23.9	18.6	-0.86	- 5.4	3.0/06.3	2782	1993 FM ₃₃	2001 09 10.2	23 14.18	-09 24.1	18.3	-0.92	- 6.4	1.8/08.8	15564
2000 GL ₁₁₀	2001 09 09.6	23 12.14	+09 23.4	18.9	-0.75	-10.8	5.3/15.4	15755	2000 JG ₄₃	2001 09 10.2	23 14.30	-21 19.3	19.1	-1.05	- 4.3	6.3/05.1	16079
2001 QE ₁₄	2001 09 09.6	23 12.16	-04 59.9	17.2	-0.75	- 4.7	0.0/09.7	15964	2000 CE ₄₉	2001 09 10.2	23 14.31	-02 39.4	17.7	-0.92	- 6.9	0.9/11.0	16049
2000 ER ₁₀₄	2001 09 09.6	23 12.24	+01 13.8	17.5	-0.97	- 2.7	2.7/11.5	16057	4240 P-L	2001 09 10.2	23 14.37	-08 04.8	18.4	-0.85	- 2.3	1.0/09.3	16167
1998 WR ₃₁	2001 09 09.6	23 12.30	+01 36.3	16.6	-1.08	- 0.7	3.2/11.4	16026	1989 SF ₁₄	2001 09 10.2	23 14.38	+21 36.5	17.0	-0.83	- 4.5	10.7/20.0	15998
2000 DP ₁₁₁	2001 09 09.6	23 12.43	-05 47.6	16.5	-0.93	- 4.1	0.3/09.5	16053	2000 FX ₂₅	2001 09 10.2	23 14.56	-06 29.2	18.3	-0.88	- 9.2	0.6/09.7	16061
1992 EN ₄	2001 09 09.6	23 12.44	-09 09.7	19.0	-0.91	- 6.9	1.5/08.4	16000	2001 OF ₇₀	2001 09 10.3	23 14.52	-01 01.7	17.0	-1.07	- 0.1	1.7/11.3	15899
1993 FS ₃₈	2001 09 09.7	23 12.39	-12 25.6	18.1	-0.78	- 3.3	2.3/07.4	16002	1998 YA ₁₂	2001 09 10.3	23 14.56	+01 34.4	16.3	-0.96	- 1.1	2.9/12.1	16028

1995 DP ₁	2001 09 10.3	23 14.62 -10 15.4 18.6	-0.91 - 2.7	1.6/08.7	15569	1999 CK ₆₈	2001 09 10.8	23 16.50 +05 14.2 17.4	-0.98 - 1.8	3.5/13.6	15627
2000 FO ₆₀	2001 09 10.3	23 14.70 -14 47.6 17.6	-0.81 - 5.9	4.1/07.0	16063	2000 DV ₅	2001 09 10.8	23 16.62 -48 27.9 17.1	-0.87 -11.7	20.0/24.0	2745
2001 NC ₂₂	2001 09 10.3	23 14.87 -14 54.4 18.4	-0.75 -10.0	4.1/06.6	16107	2001 PJ ₄₉	2001 09 10.8	23 16.63 -30 29.9 17.1	-0.90 - 5.4	9.5/01.2	15957
1999 GD ₂	2001 09 10.3	23 14.95 -10 33.9 17.3	-0.89 - 1.5	2.0/08.7	15639	2001 QD ₁₈	2001 09 10.8	23 16.66 -04 35.0 17.0	-0.58 - 6.9	0.0/10.9	15967
1303 T-2	2001 09 10.4	23 14.90 -00 32.4 18.3	-0.71 - 6.0	1.4/11.9	16168	1993 FX ₁₅	2001 09 10.8	23 16.69 -14 44.3 17.5	-0.78 - 3.8	2.9/07.6	34844
2000 DD ₇₆	2001 09 10.4	23 14.90 -05 41.1 19.1	-0.89 - 7.9	0.3/10.1	40122	2000 DM ₂₁	2001 09 10.8	23 16.71 -04 41.5 17.7	-0.93 - 8.0	0.0/10.9	16051
1998 FM ₄₅	2001 09 10.4	23 14.93 -09 12.5 17.8	-0.61 - 4.7	1.1/08.9	16016	2001 MO ₆	2001 09 10.8	23 16.72 +10 13.5 17.0	-0.59 - 4.0	8.2/16.4	16100
2000 EH ₇₄	2001 09 10.4	23 14.98 -17 19.5 19.0	-1.03 - 3.9	4.9/06.7	16056	2000 JV ₁₉	2001 09 10.9	23 16.66 +04 11.6 17.8	-0.96 - 4.8	3.2/13.7	16077
1999 CP ₁₀₃	2001 09 10.4	23 14.98 +10 02.3 18.7	-0.85 - 6.1	4.9/15.5	16034	2001 NE ₂₁	2001 09 10.9	23 16.72 -04 51.5 17.0	-0.75 - 8.0	0.1/10.8	15856
2000 KM ₅₈	2001 09 10.4	23 15.04 -15 11.6 19.8	-0.93 - 6.9	3.5/07.0	13196	2000 CV ₇₇	2001 09 10.9	23 16.81 -00 52.6 17.6	-0.96 - 4.7	1.7/12.1	16050
2000 HT ₅₀	2001 09 10.4	23 15.04 -00 50.0 18.0	-0.85 - 6.6	1.4/11.8	1632	1993 FP ₅₀	2001 09 10.9	23 16.81 -05 01.3 19.8	-0.99 - 4.7	0.1/10.8	3119
1999 CY ₁₁₆	2001 09 10.4	23 15.10 -11 28.7 17.7	-0.68 -14.3	2.7/07.7	16035	2001 PU ₄₄	2001 09 10.9	23 16.90 -09 40.5 17.5	-0.70 - 6.8	1.7/09.2	15956
1999 BD ₆	2001 09 10.4	23 15.13 -05 58.6 18.8	-0.68 - 8.4	0.3/10.0	35081	1997 YA ₅	2001 09 10.9	23 16.97 +23 19.9 17.4	-0.88 - 2.8	9.3/20.4	16014
2000 GK ₁₀₆	2001 09 10.4	23 15.19 -04 07.4 18.5	-0.93 - 5.2	0.2/10.7	16068	2001 OM ₄₀	2001 09 10.9	23 17.02 -17 07.3 18.1	-0.69 - 7.7	4.3/06.3	15878
2001 PZ ₄₀	2001 09 10.4	23 15.28 +06 50.0 18.2	-0.78 - 6.9	4.1/14.6	15954	2001 QJ ₁₉	2001 09 10.9	23 17.04 -01 12.4 17.5	-0.84 - 4.3	1.1/12.1	15967
1998 XY ₅₀	2001 09 10.5	23 15.23 -14 56.9 18.4	-0.99 - 5.9	4.4/07.2	16027	2000 KH ₁₃	2001 09 11.0	23 17.15 +05 12.1 19.1	-0.86 - 6.5	3.9/14.3	15805
1994 ST	2001 09 10.5	23 15.25 -01 53.7 19.4	-0.98 - 4.3	1.4/11.4	1894	1997 UE ₁	2001 09 11.0	23 17.16 -14 55.4 16.3	-0.87 - 1.0	5.3/07.9	16012
1999 CQ ₅₈	2001 09 10.5	23 15.25 -11 46.1 17.0	-1.16 + 0.4	2.6/08.8	15626	2001 OY ₂₂	2001 09 11.0	23 17.31 +27 58.4 16.6	-0.76 -17.8	11.5/27.5	15870
1993 DU ₂	2001 09 10.5	23 15.32 -03 40.2 18.7	-0.76 - 3.7	0.3/10.9	16001	1999 CQ ₁₃₇	2001 09 11.0	23 17.34 -05 21.6 18.3	-0.76 - 5.8	0.3/10.8	16035
2001 OM ₁₀₆	2001 09 10.5	23 15.32 +05 59.7 16.8	-0.98 - 1.6	5.5/13.7	15929	2000 GE ₁₅₄	2001 09 11.0	23 17.34 +04 50.9 18.8	-0.94 - 4.9	3.5/14.1	16070
2001 NJ ₂₁	2001 09 10.5	23 15.33 -10 41.3 17.0	-0.79 - 6.3	3.0/08.5	16107	1979 MT ₂	2001 09 11.0	23 17.36 +09 37.1 19.4	-0.77 - 3.8	3.9/15.9	30778
2001 OU ₈₆	2001 09 10.5	23 15.50 +06 45.8 16.1	-0.87 - 1.7	5.8/14.1	15911	2001 NB ₂₂	2001 09 11.0	23 17.38 -08 16.3 17.1	-0.80 - 7.2	1.7/09.8	15857
1998 TX ₃₀	2001 09 10.5	23 15.52 -09 27.5 16.6	-1.08 - 3.5	2.0/09.2	16023	2001 PD ₄₁	2001 09 11.0	23 17.38 +09 42.8 16.5	-0.76 - 4.0	4.3/15.9	15954
2000 KK ₃₆	2001 09 10.5	23 15.58 -02 09.8 18.3	-0.81 - 6.5	0.8/11.5	16082	2000 GV ₁₀₆	2001 09 11.0	23 17.39 -09 57.9 19.5	-0.93 - 5.5	1.8/09.4	16068
2000 CV ₅₈	2001 09 10.5	23 15.65 -07 56.8 16.8	-1.73 +10.1	1.8/10.2	15676	1993 FD ₄₂	2001 09 11.0	23 17.40 -05 51.2 17.6	-0.75 - 4.5	0.4/10.7	16002
1995 FE ₁₅	2001 09 10.6	23 15.61 -03 55.7 17.5	-0.67 -10.9	0.3/10.9	16005	1998 WM ₃	2001 09 11.1	23 17.45 -09 55.7 17.9	-0.89 - 5.0	1.8/09.4	16025
1991 GS ₁₀	2001 09 10.6	23 15.68 -12 02.0 19.0	-0.87 - 5.0	2.3/08.3	15999	2000 HZ ₉₆	2001 09 11.1	23 17.50 -18 36.8 19.4	-0.95 - 5.3	5.0/06.6	3588
2001 ML ₃	2001 09 10.6	23 15.73 -03 58.6 16.5	-0.49 - 8.9	0.4/10.9	16100	2000 ET ₇₁	2001 09 11.1	23 17.55 -10 11.4 18.3	-0.91 - 9.4	2.2/09.2	16056
2000 KJ ₄₀	2001 09 10.6	23 15.73 -11 29.6 18.3	-0.92 - 5.4	2.9/08.5	16082	1997 WP ₆	2001 09 11.1	23 17.63 -13 59.1 19.1	-0.82 - 4.9	3.1/08.0	1014
2001 QJ ₆₆	2001 09 10.6	23 15.74 +02 55.7 17.2	-0.96 - 3.3	3.7/12.9	15980	2000 KN ₃₉	2001 09 11.1	23 17.71 -04 29.4 17.8	-0.78 - 7.0	0.0/11.2	16082
5134 T-3	2001 09 10.6	23 15.78 -11 32.4 17.6	-0.89 - 9.3	2.8/08.2	16170	2000 DQ ₁₁	2001 09 11.1	23 17.81 -04 14.5 19.3	-0.83 - 6.9	0.1/11.3	15687
2000 GY ₉₇	2001 09 10.6	23 15.83 +03 38.9 17.6	-0.98 - 6.3	3.2/13.3	16067	2000 ED ₁₅₁	2001 09 11.1	23 17.81 -06 06.8 17.8	-0.88 - 9.3	0.6/10.6	16059
2000 JO ₂₆	2001 09 10.6	23 15.86 -04 18.4 17.6	-0.99 - 3.7	0.2/10.8	16078	1999 XW ₁₃₄	2001 09 11.1	23 17.82 -43 44.9 18.0	-1.08 -10.3	16.8/24.4	16044
2000 CY ₃₉	2001 09 10.6	23 15.94 -18 59.6 17.9	-0.91 -22.0	6.0/04.6	15672	2001 NY ₂₁	2001 09 11.2	23 17.80 -04 26.2 17.1	-0.82 - 7.7	0.0/11.2	15856
2000 HL ₄₈	2001 09 10.6	23 15.97 +06 35.2 17.7	-0.75 - 6.7	4.2/14.7	15777	2000 FZ ₄₆	2001 09 11.2	23 18.13 -22 50.4 18.5	-0.91 - 3.6	6.3/05.5	1590
1998 UY ₂₉	2001 09 10.6	23 15.98 -19 10.9 17.9	-0.98 - 5.9	5.9/05.9	16024	1999 CH ₃₁	2001 09 11.2	23 18.16 -09 29.2 18.2	-0.85 - 4.3	1.6/09.7	16032
2000 HQ ₉₀	2001 09 10.7	23 15.96 -04 43.2 16.6	-0.67 -10.1	0.0/10.7	16076	2000 HH ₅₁	2001 09 11.3	23 18.17 -09 50.2 18.1	-0.81 - 5.5	2.0/09.5	16074
1999 BU ₂₅	2001 09 10.7	23 15.98 -05 59.4 19.2	-0.83 - 7.0	0.4/10.3	16031	2000 GN ₉₁	2001 09 11.3	23 18.38 -37 03.2 16.5	-0.95 - 0.4	13.1/31.2	768
4042 T-1	2001 09 10.7	23 15.99 -16 41.5 18.0	-1.02 - 1.5	4.2/07.4	16168	1998 UP ₁₆	2001 09 11.3	23 18.48 +02 16.2 17.9	-0.92 - 7.3	2.6/13.6	16023
2001 MO ₉	2001 09 10.7	23 16.14 -00 31.8 16.8	-0.70 -10.8	2.1/13.0	16101	2000 JY ₆₄	2001 09 11.3	23 18.53 -14 22.5 22.2	-0.73 - 8.3	2.4/07.8	1650
1995 BV ₁	2001 09 10.7	23 16.17 +01 01.8 17.4	-0.93 - 2.7	1.8/12.4	16005	1999 FL ₂₈	2001 09 11.4	23 18.46 -06 03.8 17.7	-0.82 - 2.4	0.5/10.9	15636
1993 FF ₅₄	2001 09 10.7	23 16.18 -15 49.5 18.2	-0.78 - 3.1	3.2/07.2	16002	2000 GB ₅	2001 09 11.4	23 18.64 -11 34.8 18.0	-1.02 - 3.8	2.7/09.4	751
2001 OD ₁₀₆	2001 09 10.7	23 16.24 +16 40.4 17.6	-0.95 - 0.3	9.3/17.3	16126	2000 JG ₆₀	2001 09 11.4	23 18.69 -13 32.4 19.4	-0.94 - 3.5	3.0/08.7	1649
2001 QJ ₂₃	2001 09 10.7	23 16.27 -07 18.8 17.6	-0.92 - 2.5	0.9/10.0	15969	2000 EF ₆₆	2001 09 11.4	23 18.72 -06 51.7 17.1	-0.79 - 8.8	1.1/10.6	16056
2000 HG ₁₅	2001 09 10.7	23 16.32 -07 41.6 18.6	-0.83 - 7.0	1.0/09.8	1624	2000 HF ₄₆	2001 09 11.4	23 18.74 +06 14.1 18.2	-0.86 - 6.0	3.7/15.1	15777
1998 VO ₂₂	2001 09 10.8	23 16.36 -08 12.2 17.3	-0.98 - 3.6	1.7/09.8	16024	1996 CY	2001 09 11.4	23 18.81 -12 04.7 18.5	-0.92 - 7.8	2.8/08.9	16006
2000 EZ ₃₆	2001 09 10.8	23 16.36 -05 42.4 18.3	-0.94 - 5.0	0.4/10.5	718	1997 YD ₄	2001 09 11.4	23 18.84 -09 06.3 18.1	-0.77 - 5.6	1.5/09.9	16014
2000 GB ₆	2001 09 10.8	23 16.40 -02 50.4 19.6	-0.90 - 6.4	0.6/11.4	1266	2000 JC ₅₇	2001 09 11.5	23 18.90 +12 47.3 17.3	-0.79 - 6.8	5.3/17.8	16080
1993 TJ ₃₄	2001 09 10.8	23 16.41 -06 45.8 19.0	-0.82 - 6.4	0.6/10.1	33938	1981 EO ₂₅	2001 09 11.5	23 18.97 +03 15.5 17.7	-0.64 - 9.2	2.1/14.5	15997
6117 P-L	2001 09 10.8	23 16.41 -06 39.8 16.9	-0.92 - 4.7	0.9/10.2	15987	2001 QU ₂₃	2001 09 11.5	23 19.00 -09 02.2 17.3	-1.06 + 1.2	2.3/10.4	15970
2000 KR ₆	2001 09 10.8	23 16.44 -21 48.6 17.9	-0.74 - 5.4	5.1/04.8	16081	2000 EL ₁₁₁	2001 09 11.5	23 19.10 -22 31.9 15.8	-0.70 - 7.1	7.9/04.8	16058

2001 PB ₄₂	2001 09 11.5	23 19.16 +05 41.6 17.4	-0.86 - 8.0	4.3/15.1	15955	1998 SK ₁₄₄	2001 09 12.2	23 21.37 -11 53.3 17.4	-1.08 - 3.8	3.3/09.9	16022
1999 CR ₃₁	2001 09 11.5	23 19.17 -01 34.5 17.0	-1.00 + 0.1	1.0/12.3	15623	2001 OS ₆₉	2001 09 12.2	23 21.40 -10 38.4 17.3	-0.66 - 7.8	3.0/09.8	15898
1999 GJ ₁₆	2001 09 11.5	23 19.25 -07 19.6 18.9	-0.76 - 4.3	0.7/10.6	15640	2000 JU ₁₄	2001 09 12.2	23 21.42 -06 58.8 17.0	-0.73 - 5.1	1.0/11.3	15791
2001 PA ₄₂	2001 09 11.6	23 19.31 +09 06.0 16.1	-0.85 - 2.8	5.4/15.9	15954	2000 FY ₂	2001 09 12.2	23 21.43 -00 35.6 19.3	-0.92 - 6.4	1.3/13.4	16060
1999 BA ₈	2001 09 11.6	23 19.35 -01 29.4 17.3	-0.90 - 6.1	1.1/12.6	15615	2000 GE ₁₁₄	2001 09 12.2	23 21.46 +03 41.0 16.8	-0.81 - 7.7	3.4/15.0	16069
2001 PQ ₃₉	2001 09 11.6	23 19.38 -06 21.0 16.4	-1.07 + 1.8	0.9/11.2	15953	2001 QW ₁₈	2001 09 12.2	23 21.48 -05 26.6 17.7	-0.71 - 5.1	0.4/11.8	15967
1993 FX ₁₁	2001 09 11.6	23 19.42 -12 38.7 18.7	-1.01 - 4.0	3.3/09.2	16001	2000 ER ₁₂₀	2001 09 12.2	23 21.62 -20 19.2 18.8	-0.92 - 6.1	7.4/06.8	12239
1999 CX ₁₂	2001 09 11.6	23 19.43 -01 20.8 18.6	-0.77 - 6.8	1.0/12.7	16032	2001 OX ₆₉	2001 09 12.2	23 21.69 -06 11.5 16.4	-0.86 - 2.2	1.0/11.7	15899
1997 SH ₁₁	2001 09 11.6	23 19.61 -10 58.6 17.6	-0.87 - 2.2	3.1/09.7	16011	1999 EJ ₆	2001 09 12.2	23 21.69 -03 06.0 18.7	-0.84 - 6.3	0.3/12.6	15635
2000 JT ₁₄	2001 09 11.7	23 19.54 -12 10.0 17.7	-0.92 - 5.2	3.0/09.2	16077	1999 FP ₃₀	2001 09 12.2	23 21.72 +02 15.2 18.7	-0.71 - 4.6	1.7/14.4	16036
2000 GF ₇₄	2001 09 11.7	23 19.67 -10 11.4 18.3	-1.03 - 4.8	2.4/10.0	16066	2000 HV ₄₈	2001 09 12.3	23 21.78 -04 12.6 19.4	-0.77 - 5.0	0.0/12.3	16074
1993 FF ₃₁	2001 09 11.7	23 19.69 -08 58.9 18.0	-0.95 - 7.3	1.9/10.2	16002	1991 RS ₂₀	2001 09 12.3	23 21.81 -08 45.4 16.6	-0.80 - 4.5	1.5/10.8	16000
2000 EU ₁₁₀	2001 09 11.7	23 19.70 -10 15.8 18.2	-0.87 - 7.7	2.1/09.7	15717	2000 KH ₃₉	2001 09 12.3	23 21.82 -01 52.6 19.8	-0.87 - 7.5	0.8/13.0	2543
2000 JA ₂₁	2001 09 11.7	23 19.80 +02 03.3 17.1	-0.89 - 4.7	2.9/13.8	15792	1999 AZ ₂₁	2001 09 12.3	23 21.83 +04 35.1 17.5	-0.95 - 5.0	3.5/15.0	16029
2000 GP ₃₃	2001 09 11.8	23 19.91 -05 27.3 18.7	-0.91 - 4.4	0.4/11.5	16064	2000 JM ₆₅	2001 09 12.3	23 21.87 -20 15.2 18.5	-0.78 - 5.2	5.0/06.8	2781
2000 DW ₁₁₁	2001 09 11.8	23 19.96 -02 22.6 18.1	-0.90 - 8.1	0.8/12.5	15699	2000 GK ₁₃₃	2001 09 12.3	23 21.88 -28 00.1 18.8	-1.00 - 2.5	8.1/04.8	15078
2000 LJ ₁₀	2001 09 11.8	23 20.03 +04 17.2 18.8	-0.81 - 6.9	2.8/14.8	15815	2000 EA ₁₃₀	2001 09 12.3	23 21.98 -07 32.3 18.8	-0.90 - 6.8	1.3/11.2	16058
2000 HR ₈₈	2001 09 11.8	23 20.04 -15 03.4 19.1	-0.92 - 2.5	3.6/08.6	14889	1999 BF	2001 09 12.4	23 22.08 -03 25.5 17.9	-0.99 - 3.9	0.2/12.6	15614
2000 JN ₂₈	2001 09 11.8	23 20.11 -08 17.3 18.3	-0.96 - 4.1	1.4/10.6	16078	2000 GY ₁₁₅	2001 09 12.4	23 22.14 -01 09.1 16.5	-0.72 -13.4	1.3/13.6	16069
2000 LH ₂₆	2001 09 11.8	23 20.12 +08 43.7 17.7	-0.65 -10.2	3.8/17.1	15816	1998 SV	2001 09 12.4	23 22.25 -07 29.1 18.2	-1.01 - 4.4	1.6/11.4	16020
2000 JJ ₁₂	2001 09 11.8	23 20.23 -23 52.2 18.5	-0.95 - 2.4	6.9/05.8	15790	2000 JR ₅₀	2001 09 12.4	23 22.26 -09 12.0 17.9	-0.85 - 4.4	1.8/10.8	16080
1999 BN ₉	2001 09 11.8	23 20.23 -12 40.9 19.1	-0.89 - 5.2	3.0/09.1	16030	2000 AP ₁₄₆	2001 09 12.4	23 22.49 +33 16.2 19.3	-1.11 - 3.5	11.0/27.5	2720
1993 TN ₃₂	2001 09 11.8	23 20.30 -03 15.6 18.9	-0.78 - 9.2	0.4/12.3	16003	2000 EA ₃	2001 09 12.5	23 22.42 -05 20.1 18.7	-0.87 - 8.1	0.5/12.1	16054
2000 EW ₁₂₉	2001 09 11.8	23 20.33 -07 53.4 18.2	-0.93 - 5.3	1.4/10.8	15719	2000 EQ ₁₀₅	2001 09 12.5	23 22.55 -25 11.9 18.1	-1.02 - 1.0	7.9/06.5	16058
2000 GT ₉₅	2001 09 11.9	23 20.27 +04 25.4 16.9	-0.86 - 5.8	2.8/14.8	16067	2001 QT ₁₉	2001 09 12.5	23 22.63 -01 21.6 16.2	-0.95 - 2.1	1.2/13.3	15968
9572 P-L	2001 09 11.9	23 20.38 -12 52.4 16.9	-0.89 - 5.3	3.9/09.1	16168	2000 HM ₁₀	2001 09 12.5	23 22.64 +10 22.8 18.5	-0.78 - 7.8	4.8/17.9	15766
2001 PP ₄₁	2001 09 11.9	23 20.45 -03 39.1 17.9	-1.03 - 3.7	0.3/12.1	15954	2000 GC ₁₁₄	2001 09 12.5	23 22.71 +03 43.1 18.9	-0.90 - 8.3	3.0/15.2	16069
2001 OL ₃₁	2001 09 11.9	23 20.52 +29 56.4 17.6	-0.55 - 2.1	6.0/25.7	16113	2000 GD ₁₂₅	2001 09 12.5	23 22.74 +00 20.1 18.1	-0.76 - 9.1	1.3/14.2	2769
2000 KR ₅₆	2001 09 11.9	23 20.52 +10 11.5 17.7	-0.73 - 6.0	4.4/17.2	15810	2001 OY ₁₂	2001 09 12.5	23 22.75 -20 33.6 18.6	-0.78 - 4.6	4.6/06.9	15863
2000 GK ₁₂₃	2001 09 11.9	23 20.55 -10 02.6 17.7	-0.83 - 6.0	1.8/10.0	15757	2001 PK ₄₁	2001 09 12.5	23 22.82 -08 14.6 17.8	-0.81 - 8.7	1.7/11.1	15954
1997 SM ₃₁	2001 09 11.9	23 20.59 -06 24.7 20.0	-1.02 - 2.7	0.8/11.4	4350	1993 OZ ₃	2001 09 12.5	23 22.82 -06 57.2 19.0	-0.92 - 5.9	1.1/11.6	16002
2000 CX ₅₂	2001 09 11.9	23 20.66 -04 49.9 17.5	-0.86 -11.2	0.2/11.8	706	1981 ET ₄₅	2001 09 12.5	23 22.84 +03 38.8 19.8	-0.69 - 7.1	2.1/15.3	32214
1997 WH ₃₅	2001 09 11.9	23 20.67 -13 24.5 18.0	-0.82 - 5.0	3.2/08.9	15589	1997 OH ₁	2001 09 12.5	23 22.84 -07 56.1 17.7	-0.80 - 4.7	1.9/11.3	15584
2000 FU ₃₃	2001 09 11.9	23 20.69 -05 54.0 17.8	-0.83 - 8.6	0.6/11.4	15731	2000 JM ₇₄	2001 09 12.6	23 22.92 +07 07.6 18.3	-0.92 - 6.6	4.2/16.4	15802
2000 GG ₇₀	2001 09 12.0	23 20.66 -09 38.3 17.7	-0.89 - 2.7	2.1/10.4	15747	2000 EJ ₆₁	2001 09 12.6	23 22.96 -02 37.0 18.0	-1.02 - 3.3	0.6/13.0	15711
2000 GW ₆₄	2001 09 12.0	23 20.67 -21 18.0 17.4	-1.02 - 1.4	5.9/07.2	16065	2000 AO ₆₀	2001 09 12.6	23 23.02 +02 46.5 20.8	-0.98 - 5.5	2.1/14.8	696
1996 TL ₂₄	2001 09 12.0	23 20.71 -04 39.0 19.3	-0.76 - 4.3	0.2/11.9	14748	1999 CY ₁₄₅	2001 09 12.6	23 23.07 -02 46.2 18.3	-0.82 - 4.8	0.4/13.0	15631
1989 SP ₁	2001 09 12.0	23 20.76 -09 19.7 17.5	-0.84 - 6.6	1.7/10.3	15998	1999 CH ₄₃	2001 09 12.6	23 23.09 -03 06.1 17.5	-0.98 - 1.5	0.3/12.9	15624
2000 HH ₁₃	2001 09 12.0	23 20.81 -01 32.9 17.9	-0.80 - 5.4	0.9/13.0	16072	1995 SU ₃₂	2001 09 12.6	23 23.13 -05 48.9 19.0	-0.65 - 7.9	0.5/12.0	16006
2000 LD	2001 09 12.0	23 20.82 -09 19.3 18.2	-0.82 - 5.6	1.6/10.4	16084	1998 UP ₂₀	2001 09 12.6	23 23.15 -15 59.8 17.2	-1.00 - 3.9	4.4/09.1	16023
1998 DV ₃	2001 09 12.0	23 20.84 -03 50.5 17.9	-0.74 - 5.0	0.1/12.2	16015	1998 WY	2001 09 12.6	23 23.17 -02 19.1 18.9	-0.92 - 6.6	0.6/13.0	16025
1997 WC ₃₂	2001 09 12.0	23 20.93 +04 05.7 17.6	-0.81 - 5.0	2.8/14.8	16013	2000 FZ ₄₃	2001 09 12.7	23 23.15 -10 09.1 18.6	-0.87 - 8.0	2.3/10.6	16062
1989 UK ₁	2001 09 12.1	23 21.08 +11 16.1 17.3	-0.84 - 8.1	5.9/17.6	15998	2001 OU ₆₉	2001 09 12.7	23 23.22 -07 03.8 17.7	-0.77 - 2.4	1.6/11.8	15899
1990 RU ₈	2001 09 12.1	23 21.09 -05 42.8 16.8	-0.85 - 7.3	0.7/11.6	15999	1999 CM ₄₂	2001 09 12.8	23 23.53 -04 06.2 17.1	-0.88 - 2.9	8.3/24.0	16032
2000 GX ₃₃	2001 09 12.1	23 21.16 -00 46.6 16.3	-0.71 - 5.5	1.8/13.3	16064	1993 FQ ₄₀	2001 09 12.8	23 23.68 -07 23.5 17.3	-0.73 - 4.6	1.2/11.7	15564
2000 DN ₁₆	2001 09 12.1	23 21.23 -04 41.3 19.0	-0.89 - 6.9	0.2/12.0	16051	2000 EG ₈₃	2001 09 12.8	23 23.91 -15 16.2 17.6	-0.99 - 3.4	4.9/09.5	16056
5027 T-3	2001 09 12.1	23 21.26 -12 40.7 18.2	-0.86 - 8.1	3.8/09.2	15991	2000 DD ₇₈	2001 09 12.9	23 23.86 -03 19.6 17.6	-0.95 - 5.0	10.0/03.0	15694
2000 GO ₁₀₃	2001 09 12.1	23 21.33 -10 16.9 19.8	-0.92 - 5.5	2.1/10.2	2768	1999 XR ₁₆₅	2001 09 12.9	23 23.88 +27 35.3 18.2	-1.39 + 1.0	14.4/21.9	2701
2001 QU ₁₉	2001 09 12.1	23 21.34 -03 02.5 18.2	-0.93 - 4.4	11.6/03.0	15968	1995 GA ₄	2001 09 12.9	23 23.94 -09 11.3 19.0	-0.78 - 6.5	1.9/11.1	16005
2000 HT ₄₈	2001 09 12.1	23 21.38 +00 42.0 18.6	-0.92 - 7.0	1.9/13.8	15778	1998 FU ₂₈	2001 09 12.9	23 24.11 -05 56.4 19.1	-0.68 - 8.6	0.6/12.2	6206
2000 JY ₂₈	2001 09 12.2	23 21.33 +16 59.1 17.9	-0.72 - 6.1	7.0/20.4	15794	2000 HL ₃₃	2001 09 12.9	23 24.11 -27 38.4 17.2	-0.70 - 8.1	8.2/03.4	16073

1998 CJ ₂	2001 09 14.4	23 29.32	-01 08.2	18.8	-0.79	- 2.8	0.6/15.1	15592	1981 EH ₃₉	2001 09 15.2	23 32.44	+00 07.0	20.1	-0.94	- 5.0	1.2/16.2	15997
1996 CE ₂	2001 09 14.4	23 29.33	-11 48.7	21.3	-0.93	- 6.2	2.8/11.6	1903	1998 XB ₅₂	2001 09 15.2	23 32.46	+06 06.4	17.3	-1.02	- 1.5	3.3/18.0	15608
1999 FD ₃₅	2001 09 14.4	23 29.38	-02 49.1	18.9	-0.71	- 4.6	0.1/14.6	34954	2000 KD ₃₆	2001 09 15.3	23 32.46	-07 13.3	19.4	-0.79	- 6.0	1.3/13.9	16082
2000 HO ₅₄	2001 09 14.4	23 29.46	-02 45.4	18.9	-0.89	- 6.7	0.2/14.6	3583	1981 EW ₁₁	2001 09 15.3	23 32.73	-00 25.8	19.7	-0.90	- 5.9	0.9/16.2	15996
2000 EX ₁₁	2001 09 14.4	23 29.48	-19 46.1	18.3	-0.96	- 6.1	6.9/09.0	15701	2000 HZ ₄	2001 09 15.3	23 32.84	-25 10.4	17.8	-1.04	- 1.3	7.8/08.8	16071
2001 PX ₈	2001 09 14.4	23 29.49	-05 47.8	18.5	-0.76	- 8.7	0.8/13.6	15941	1998 TU ₉	2001 09 15.4	23 33.02	-13 29.9	20.6	-1.04	- 3.6	3.7/12.4	3261
2001 OZ ₆₉	2001 09 14.4	23 29.56	-10 19.0	17.3	-0.76	- 8.0	3.1/11.9	15899	2000 KL ₁₈	2001 09 15.4	23 33.08	-03 40.4	17.2	-0.76	- 5.8	0.3/15.2	16082
2000 HP ₇₁	2001 09 14.4	23 29.62	+02 02.2	16.7	-0.81	- 3.7	2.4/16.2	15782	2001 PS ₈	2001 09 15.4	23 33.09	-09 52.0	18.4	-0.66	- 7.0	1.8/12.9	15941
2000 KF ₄₆	2001 09 14.4	23 29.65	+08 50.9	18.7	-0.77	- 8.3	3.7/19.0	15809	1994 UA ₁₀	2001 09 15.4	23 33.20	-01 42.1	19.2	-0.94	- 5.1	0.4/15.9	987
1999 AD ₂₁	2001 09 14.4	23 29.65	-03 51.2	17.2	-0.97	- 3.7	0.2/14.3	15613	2000 GR ₁₅₉	2001 09 15.4	23 33.24	+06 53.8	16.1	-0.94	- 2.7	4.7/18.5	16071
1986 WS ₂	2001 09 14.5	23 29.64	-23 38.8	17.5	-0.86	- 3.2	6.7/07.6	15558	2000 KU ₅	2001 09 15.5	23 33.25	-27 51.5	19.4	-0.92	- 3.0	7.6/07.3	1370
2001 NK ₂₁	2001 09 14.5	23 29.87	-16 22.7	16.7	-0.53	-11.7	6.5/08.9	16107	2000 KG ₁₆	2001 09 15.5	23 33.31	-05 05.5	18.4	-0.75	- 4.5	0.7/14.8	16082
1996 TN ₁₈	2001 09 14.5	23 29.89	-01 51.7	18.7	-0.71	- 4.6	0.4/15.0	16008	2000 HW	2001 09 15.5	23 33.34	-01 18.8	18.1	-0.93	- 5.5	0.8/16.0	16071
2000 LO	2001 09 14.6	23 29.96	-09 47.3	18.7	-0.77	- 3.5	2.0/12.5	2554	1997 YK ₁₈	2001 09 15.5	23 33.48	-10 11.3	17.2	-0.71	- 7.6	2.2/12.9	16014
2000 HY ₄₈	2001 09 14.6	23 29.99	-07 02.2	19.9	-0.93	- 5.7	1.3/13.4	16074	1999 VX ₁₅₃	2001 09 15.5	23 33.48	-26 23.0	17.5	-0.88	- 7.0	7.5/07.1	16043
2000 EV ₁₃₀	2001 09 14.6	23 30.05	-06 36.3	18.9	-0.96	- 5.3	1.2/13.6	16058	2000 HA ₅₂	2001 09 15.5	23 33.51	-01 28.1	18.5	-0.84	- 5.6	0.5/16.0	16074
2000 KF ₂₄	2001 09 14.7	23 30.35	-21 41.3	17.1	-0.81	- 3.8	5.7/08.5	16082	2000 GZ ₁₁₅	2001 09 15.5	23 33.51	-01 22.9	20.2	-0.82	- 8.2	0.5/16.1	16069
2000 HF ₄₈	2001 09 14.7	23 30.55	-17 07.0	18.2	-1.02	- 3.4	5.8/10.5	16074	1999 XF ₁₃₆	2001 09 15.5	23 33.53	-47 02.9	18.7	-1.60	+ 1.5	19.2/30.9	3923
2000 EK ₁₃₆	2001 09 14.7	23 30.57	-11 36.2	19.5	-0.91	- 6.1	2.7/12.0	1581	1996 MB	2001 09 15.5	23 33.58	-01 00.3	18.1	-0.86	- 5.3	0.7/16.2	16007
1998 DC ₁	2001 09 14.7	23 30.64	-00 31.8	19.2	-0.82	- 2.2	0.7/15.6	31800	1998 XK ₄₈	2001 09 15.6	23 33.58	-12 04.3	17.9	-1.02	- 4.7	4.1/12.7	1062
2000 GM ₅₇	2001 09 14.7	23 30.66	-00 49.1	19.1	-0.91	- 6.5	0.8/15.5	2766	2000 FG ₂₅	2001 09 15.6	23 33.70	-07 08.4	19.0	-0.93	- 6.0	1.6/14.3	16061
1992 RV	2001 09 14.7	23 30.70	-10 25.8	16.5	-0.95	- 1.2	2.9/12.7	16001	1999 CN ₂	2001 09 15.6	23 33.70	-04 51.6	17.5	-0.88	- 6.8	0.9/15.0	15620
2000 GN ₁₁₅	2001 09 14.8	23 30.71	+04 06.1	17.5	-0.85	- 8.6	2.9/17.4	15756	1991 GS ₄	2001 09 15.6	23 33.88	-14 50.3	20.2	-0.95	- 2.1	3.9/12.2	7998
1997 YF ₂	2001 09 14.8	23 30.97	-18 40.3	17.4	-0.74	- 5.8	5.1/09.3	16014	2000 HJ ₈₁	2001 09 15.6	23 33.88	-10 43.3	16.6	-1.05	+ 0.6	4.0/13.6	16076
1999 CS ₄₈	2001 09 14.8	23 31.07	-17 00.5	17.6	-0.81	-10.6	4.9/09.5	15625	2000 JD ₂₉	2001 09 15.7	23 33.99	+05 55.5	17.3	-0.83	- 5.3	3.6/18.6	16078
2000 EB ₂₈	2001 09 14.9	23 31.06	-13 35.7	17.9	-0.99	- 5.1	4.0/11.7	717	2001 OC ₈₇	2001 09 15.7	23 34.00	-12 18.9	17.3	-0.68	- 8.0	3.2/12.1	15912
2000 LK ₁₃	2001 09 14.9	23 31.13	-04 37.4	16.4	-0.75	- 8.0	0.5/14.4	7039	2001 OD ₅₄	2001 09 15.7	23 34.04	-21 42.8	17.7	-0.82	- 3.6	6.0/09.4	15887
2001 OV ₂₀	2001 09 14.9	23 31.27	+02 34.1	17.5	-0.94	- 2.2	1.8/16.6	15868	2000 HX ₉	2001 09 15.7	23 34.10	+04 40.1	18.3	-0.90	- 7.8	2.9/18.3	1294
2137 T-3	2001 09 14.9	23 31.42	+04 16.1	18.1	-0.83	- 7.1	2.3/17.5	16169	2001 OB ₅₄	2001 09 15.7	23 34.11	-25 33.2	18.7	-0.77	- 4.3	7.3/07.7	15887
2001 OA ₅₄	2001 09 15.0	23 31.40	-26 09.8	17.4	-0.95	- 3.3	7.7/07.2	15887	1998 TF ₅	2001 09 15.7	23 34.28	-15 02.0	17.3	-0.99	- 3.5	5.9/12.1	16023
2001 QU ₂₆	2001 09 15.0	23 31.41	-14 23.2	17.7	-0.79	- 4.3	3.6/11.2	15971	2001 PD ₉	2001 09 15.8	23 34.26	-03 29.9	16.4	-0.89	- 1.5	0.2/15.6	15941
1997 AB ₁₅	2001 09 15.0	23 31.47	-51 34.8	22.5	-1.32	- 6.6	14.8/29.0	29926	1998 XF ₂₃	2001 09 15.8	23 34.31	-00 48.4	18.1	-0.93	- 5.8	0.7/16.4	16027
1995 OS ₁₀	2001 09 15.0	23 31.49	+05 52.9	17.9	-0.86	- 0.9	3.1/17.6	15571	2001 OY ₂₀	2001 09 15.8	23 34.53	+04 53.4	17.0	-1.03	- 0.8	2.9/17.9	15868
2000 HQ ₄₀	2001 09 15.0	23 31.49	+07 43.4	18.0	-0.91	- 5.5	4.1/18.6	15775	2000 GD ₁₆₉	2001 09 15.8	23 34.58	-05 22.7	17.0	-0.70	-15.1	0.9/14.8	16071
2001 OX ₈₆	2001 09 15.0	23 31.51	-08 56.6	17.7	-0.67	- 8.5	1.8/12.8	15912	1998 YF ₄	2001 09 15.8	23 34.63	-11 21.2	17.8	-0.86	- 8.9	3.7/12.8	15610
1997 TZ ₉	2001 09 15.0	23 31.59	-10 39.6	18.0	-0.92	- 2.9	3.0/12.8	16011	2000 GO ₁₆₇	2001 09 15.8	23 34.67	-03 38.9	17.2	-0.95	- 2.8	0.4/15.6	16071
2001 QZ ₆₉	2001 09 15.0	23 31.63	+07 46.9	17.7	-0.86	- 7.2	5.1/18.9	15981	1996 HA ₂₁	2001 09 15.8	23 34.68	-01 45.1	20.6	-0.88	- 6.4	0.3/16.2	15578
2000 DC ₄₄	2001 09 15.0	23 31.72	-01 13.5	19.1	-1.00	- 4.3	0.7/15.6	6268	2000 KZ ₃₂	2001 09 15.9	23 34.78	-02 18.3	17.9	-0.72	- 5.0	0.1/16.1	16082
2000 GD ₆₅	2001 09 15.0	23 31.78	-07 25.2	19.1	-0.93	- 5.0	1.6/13.7	6271	2000 GQ ₆₃	2001 09 15.9	23 34.93	-10 19.7	17.6	-0.86	- 3.2	3.2/13.6	16065
2516 P-L	2001 09 15.1	23 31.90	-07 58.0	17.3	-0.96	- 0.3	2.1/13.8	15986	1999 CR ₁₀₆	2001 09 15.9	23 34.95	+06 49.7	18.6	-0.80	- 7.5	2.9/19.3	16035
2000 AM ₁₆₇	2001 09 15.1	23 31.91	-20 13.1	17.6	-0.91	-12.5	6.0/08.6	15661	2001 QQ ₆₄	2001 09 15.9	23 34.98	+01 29.4	18.2	-0.80	- 5.2	1.5/17.4	15979
2000 JQ ₄₉	2001 09 15.1	23 31.94	+00 29.6	19.9	-0.92	- 6.5	1.3/16.3	16080	1991 RT ₂	2001 09 15.9	23 35.02	+05 30.6	17.6	-0.83	- 8.2	3.9/18.9	15561
1999 HL ₈	2001 09 15.1	23 32.01	+04 15.9	17.0	-0.69	- 6.7	2.1/17.8	15641	2000 GT ₁₁₂	2001 09 16.0	23 34.98	-01 22.8	17.1	-0.70	-12.6	0.5/16.5	15756
1999 FG ₂₂	2001 09 15.1	23 32.14	-01 09.8	17.8	-0.67	- 6.7	0.5/15.9	15636	2000 GX ₈₅	2001 09 16.0	23 35.03	+04 26.0	18.6	-0.94	- 7.9	2.6/18.4	767
1998 FQ ₃₁	2001 09 15.1	23 32.14	-05 01.6	18.2	-0.73	- 5.2	0.6/14.5	16016	1998 SR ₃₅	2001 09 16.0	23 35.05	-07 38.4	18.5	-1.02	- 5.3	2.0/14.5	16020
2001 MN ₁₁	2001 09 15.1	23 32.17	+18 19.1	16.7	-1.03	+ 4.2	11.3/20.7	16101	1998 YD ₈	2001 09 16.0	23 35.07	-27 14.7	18.1	-0.88	- 5.7	7.9/07.2	16028
2000 EB ₈₄	2001 09 15.1	23 32.18	-08 17.1	19.7	-0.96	- 5.4	1.9/13.5	5721	2000 EJ ₁₅₄	2001 09 16.0	23 35.15	+04 54.2	17.7	-0.79	- 9.9	2.6/18.9	15723
2001 OJ ₇₃	2001 09 15.2	23 32.13	+05 53.8	17.2	-1.48	+ 3.6	3.8/17.0	15903	2000 HT ₂₂	2001 09 16.0	23 35.20	-03 58.3	19.3	-0.91	- 5.6	0.5/15.6	16072
1999 FS ₃₂	2001 09 15.2	23 32.16	-04 29.2	19.0	-0.69	- 4.8	0.4/14.7	2645	2000 EZ ₆₂	2001 09 16.0	23 35.20	-05 23.7	19.9	-1.03	- 6.0	1.1/15.2	3532
1999 GA ₄₇	2001 09 15.2	23 32.21	-14 19.1	17.1	-0.87	- 2.0	3.8/11.8	2042	1026 T-2	2001 09 16.0	23 35.30	-03 55.3	17.1	-1.01	- 3.1	0.6/15.7	16168
1999 AL ₁	2001 09 15.2	23 32.36	-02 55.9	18.0	-0.91	- 6.1	0.0/15.3	16029	2000 EQ ₁₃₉	2001 09 16.0	23 35.36	-14 40.9	17.4	-0.96	- 3.9	4.6/12.4	15722

2000 MB	2001 09 16.1	23 35.34	-09 13.5	17.7	-0.94	- 4.1	2.2/14.1	16085	1999 AV ₁₇	2001 09 16.6	23 37.51	+02 55.8	18.8	-0.85	- 4.4	1.9/18.4	16029
2000 AB ₁₃₈	2001 09 16.1	23 35.34	-06 53.5	17.2	-1.06	- 3.2	1.7/14.9	16046	2000 DK ₇	2001 09 16.7	23 37.54	-20 32.1	17.6	-0.89	- 6.9	7.1/10.4	16051
2265 T-2	2001 09 16.1	23 35.35	-01 53.0	18.8	-0.86	- 7.5	0.3/16.4	16169	2000 FR ₃₅	2001 09 16.7	23 37.56	-11 45.0	18.6	-0.90	- 4.6	3.5/13.8	16062
1989 TP	2001 09 16.1	23 35.36	+37 24.8	16.7	-0.71	-18.7	18.0/08.0	15998	2000 GC ₁₃₆	2001 09 16.7	23 37.69	-14 30.6	18.0	-0.80	- 5.7	3.7/12.7	15760
1992 KF	2001 09 16.1	23 35.37	-28 35.8	17.3	-0.99	- 2.3	9.0/08.0	13536	2000 JP ₂₇	2001 09 16.7	23 37.70	+01 19.4	16.1	-0.81	- 3.7	1.6/18.0	16078
2000 HD ₄	2001 09 16.1	23 35.47	-00 31.6	18.4	-0.90	- 6.5	0.7/16.8	1621	2000 KN ₂₉	2001 09 16.7	23 37.90	+05 27.6	17.7	-0.73	- 4.9	2.5/19.5	16082
2000 HP ₁₀	2001 09 16.1	23 35.51	-14 29.4	18.4	-1.07	- 4.4	4.8/12.5	16072	1992 PS ₁	2001 09 16.8	23 37.86	+06 42.4	16.1	-0.91	- 1.1	4.2/19.4	15563
2000 DR ₅₈	2001 09 16.1	23 35.52	+00 15.9	19.1	-0.98	- 4.9	1.1/17.0	16052	2000 DK ₇₄	2001 09 16.8	23 37.91	+00 20.7	19.2	-0.94	- 5.9	1.0/18.0	16052
2000 CA ₅₃	2001 09 16.1	23 35.59	-00 06.1	17.8	-0.95	- 6.5	1.0/17.0	16049	2000 GX ₅₈	2001 09 16.8	23 37.92	-04 17.3	19.7	-0.93	- 5.4	0.7/16.2	1599
2000 JX ₂₉	2001 09 16.1	23 35.61	-05 18.9	18.8	-0.99	- 4.6	0.9/15.3	1644	1999 AS ₂₅	2001 09 16.8	23 38.02	-11 08.5	17.5	-0.71	- 7.4	2.7/13.7	16030
2000 EH ₃₉	2001 09 16.1	23 35.62	-03 31.3	16.9	-0.83	- 6.6	0.4/15.9	16055	1999 FM ₁₈	2001 09 16.8	23 38.16	+03 24.4	18.9	-0.70	- 4.9	1.5/18.9	35087
2000 HU ₃₆	2001 09 16.1	23 35.64	-12 01.4	17.2	-0.75	-10.2	3.3/12.6	15774	2000 FM ₄₂	2001 09 16.9	23 38.27	-16 44.5	18.0	-1.14	- 0.7	5.7/13.1	16062
1999 DN ₄	2001 09 16.1	23 35.72	-04 44.0	19.7	-0.86	- 1.8	0.6/15.6	2644	1998 VR ₄₃	2001 09 16.9	23 38.37	-08 10.1	19.2	-0.93	- 6.8	2.4/15.0	36086
2000 GM	2001 09 16.2	23 35.69	-06 54.7	18.1	-0.88	- 4.3	1.7/14.9	15735	1992 SC ₁₁	2001 09 16.9	23 38.42	-01 51.9	19.3	-0.81	- 5.9	0.2/17.1	6711
2000 HL ₄₃	2001 09 16.2	23 35.74	-05 09.8	18.7	-0.75	- 5.2	0.8/15.4	16073	1992 DW ₉	2001 09 16.9	23 38.43	+01 41.8	20.6	-0.89	- 6.1	1.3/18.3	1876
2000 LU ₁₆	2001 09 16.2	23 35.75	+07 56.2	17.9	-0.78	- 8.7	3.4/20.1	16084	2000 HX ₅₂	2001 09 16.9	23 38.44	-11 18.4	19.8	-0.94	- 5.1	3.0/14.1	2514
1993 FF ₈₄	2001 09 16.2	23 35.78	-06 45.9	16.9	-0.77	- 8.8	2.0/14.7	16002	1999 JV ₈₅	2001 09 16.9	23 38.45	-23 43.6	17.8	-0.78	- 3.3	6.0/09.6	35378
2001 OG ₈₇	2001 09 16.2	23 35.94	-10 44.2	17.6	-0.70	- 8.9	2.7/13.2	15912	1999 CC ₂	2001 09 16.9	23 38.50	-09 46.7	17.6	-0.83	- 4.6	2.4/14.5	16031
2000 LU ₆	2001 09 16.2	23 35.99	-04 02.7	18.4	-0.82	- 7.0	0.5/15.8	15814	2000 GC ₅₃	2001 09 16.9	23 38.53	-03 06.5	16.4	-0.87	- 3.6	0.4/16.7	16065
2000 EV ₇	2001 09 16.2	23 36.02	-05 42.5	16.7	-1.07	- 0.7	1.5/15.5	15700	2001 OQ ₈₀	2001 09 16.9	23 38.63	+19 44.5	16.0	-0.94	- 0.8	8.9/23.7	15908
2001 OC ₇₀	2001 09 16.2	23 36.03	-06 44.7	16.1	-0.85	- 1.5	2.1/15.0	15899	2000 FN ₄₅	2001 09 17.0	23 38.59	-08 29.7	18.2	-0.87	- 8.0	2.3/14.9	1589
2000 GQ ₁₁₃	2001 09 16.2	23 36.06	+09 09.8	16.6	-0.89	- 5.9	5.3/20.3	16069	2000 DC ₉₉	2001 09 17.0	23 38.61	-08 00.4	19.2	-0.92	- 8.5	2.1/15.1	2754
2000 GE ₁₂₆	2001 09 16.3	23 36.14	+04 26.7	17.9	-0.71	- 7.6	2.0/18.9	3933	2000 HC ₅₂	2001 09 17.0	23 38.62	+09 47.2	19.0	-0.78	- 6.9	4.0/21.4	15779
1993 FO ₃₁	2001 09 16.3	23 36.15	-05 56.5	18.7	-0.97	- 4.6	1.4/15.3	16002	2000 KF ₇₀	2001 09 17.0	23 38.78	-13 36.4	17.9	-0.71	- 7.1	3.6/13.0	15812
2000 FQ ₁₇	2001 09 16.3	23 36.19	-19 22.1	17.2	-0.96	- 2.9	8.0/11.1	16061	1993 FF ₁₂	2001 09 17.0	23 38.81	-12 26.2	18.1	-0.79	- 2.6	2.9/13.8	35423
1996 UF ₁	2001 09 16.3	23 36.23	+08 00.5	17.4	-0.70	- 6.7	3.4/20.2	16008	2000 HP ₇₉	2001 09 17.0	23 38.86	-25 09.7	18.3	-0.94	- 6.3	8.3/09.0	16076
1998 WM ₂	2001 09 16.3	23 36.38	+06 01.6	18.3	-0.83	-12.8	2.7/19.7	15603	2001 OX ₆₅	2001 09 17.0	23 38.97	+05 28.0	17.6	-0.89	- 2.8	3.5/19.5	16119
1997 WT ₁	2001 09 16.4	23 36.49	-07 22.4	17.2	-0.84	- 4.0	1.8/14.9	16013	1993 FK ₁₅	2001 09 17.1	23 38.93	-10 04.8	18.6	-0.94	- 6.8	2.9/14.5	16001
1994 GM ₃	2001 09 16.4	23 36.51	-03 57.8	17.5	-0.76	- 4.5	0.4/16.0	16004	2000 GE ₆₇	2001 09 17.1	23 38.94	-10 38.3	17.9	-0.93	- 2.5	2.9/14.6	1601
4227 T-2	2001 09 16.4	23 36.62	-11 18.4	19.0	-0.75	- 4.1	2.4/13.5	16169	2433 T-3	2001 09 17.1	23 38.98	+11 53.0	17.7	-0.70	-11.8	5.8/23.0	15124
2000 JC	2001 09 16.4	23 36.63	+04 33.1	19.4	-0.80	- 6.4	2.4/18.9	16076	2000 DD ₁₃	2001 09 17.1	23 39.08	-05 16.7	16.8	-0.87	- 5.8	1.4/16.1	16051
2000 KC ₆₉	2001 09 16.4	23 36.63	-06 14.8	18.3	-0.85	- 5.7	1.4/15.2	16083	2000 GJ ₉₈	2001 09 17.1	23 39.13	+07 21.1	17.3	-0.91	- 6.6	3.7/20.4	16068
2000 GY ₁₂₅	2001 09 16.4	23 36.65	+03 45.2	18.9	-0.78	- 8.7	1.9/18.7	15758	2678 P-L	2001 09 17.1	23 39.16	-05 21.2	18.8	-0.90	- 6.2	1.1/16.1	16167
2000 GR ₅₇	2001 09 16.4	23 36.66	+10 07.4	17.9	-0.78	- 9.2	4.3/21.3	16065	2000 GJ ₄₀	2001 09 17.1	23 39.16	+06 23.9	17.1	-0.72	-11.0	3.3/20.6	15740
2000 GV ₈₅	2001 09 16.4	23 36.71	-26 33.4	18.7	-0.94	- 3.5	8.4/08.6	1605	2000 KN ₁₆	2001 09 17.2	23 39.32	+21 18.6	16.6	-0.79	- 6.5	9.7/26.2	16082
2000 GF ₈₁	2001 09 16.4	23 36.79	-05 16.7	18.9	-1.00	- 5.4	1.0/15.6	16066	1993 RZ ₁₄	2001 09 17.2	23 39.33	-08 25.4	18.2	-1.59	+ 4.1	3.0/16.1	608
2000 GX ₁₀₃	2001 09 16.5	23 36.78	-01 33.0	18.7	-0.91	- 9.1	0.4/16.8	16068	2000 GT ₇₉	2001 09 17.2	23 39.46	-05 13.8	19.7	-0.99	- 5.4	1.1/16.3	1604
1997 RQ ₈	2001 09 16.5	23 36.80	+01 20.5	17.7	-0.80	- 5.3	1.7/17.8	16011	2000 ER ₄₂	2001 09 17.2	23 39.58	-07 21.8	17.0	-1.00	- 1.5	2.3/15.8	15707
2000 HN ₆₄	2001 09 16.5	23 36.82	+14 01.5	18.3	-0.80	- 8.3	5.5/22.8	1635	2001 PF ₉	2001 09 17.2	23 39.60	-07 39.2	17.3	-0.75	- 8.7	1.6/15.3	15941
2000 DK ₅₈	2001 09 16.5	23 36.83	+00 52.2	17.1	-0.86	- 8.0	1.5/18.0	16052	2000 HW ₄₆	2001 09 17.2	23 39.61	-07 52.6	17.3	-0.85	- 4.9	2.2/15.4	15777
2000 KB ₂₅	2001 09 16.5	23 36.83	-00 57.4	17.3	-0.78	- 5.1	0.5/17.0	16082	1999 CK ₁₀₀	2001 09 17.2	23 39.61	+00 04.4	18.8	-0.90	- 4.5	0.8/18.0	16034
2000 EG ₁₅₇	2001 09 16.5	23 36.87	-20 49.8	18.3	-0.84	- 7.3	6.1/10.0	1583	2000 KQ ₄₁	2001 09 17.2	23 39.65	-01 12.9	17.4	-0.77	- 6.3	0.3/17.6	16083
2001 OS ₂₁	2001 09 16.5	23 36.92	+00 12.6	17.2	-0.86	- 3.2	1.3/17.4	16111	1996 HF ₂₆	2001 09 17.3	23 39.70	-06 58.1	20.0	-0.88	- 5.6	1.5/15.8	994
1997 HK ₁₀	2001 09 16.5	23 37.06	-01 45.1	19.8	-0.96	- 7.1	0.3/16.8	1005	2028 T-2	2001 09 17.3	23 39.77	-03 33.7	18.5	-0.86	- 3.3	0.4/16.9	16168
2000 CQ ₈₀	2001 09 16.5	23 37.12	-03 00.6	15.6	-0.57	-27.4	0.3/16.3	16050	1996 EP ₁₀	2001 09 17.3	23 39.86	-02 21.2	18.4	-0.94	- 4.7	0.1/17.3	16007
2000 FQ ₄₄	2001 09 16.5	23 37.17	-10 14.4	17.9	-0.90	- 7.4	3.2/14.0	16062	2000 FJ ₂₀	2001 09 17.3	23 39.90	-14 11.1	17.4	-0.91	- 6.7	4.7/13.3	16061
1997 HZ ₁₀	2001 09 16.6	23 37.12	-06 31.0	16.5	-0.92	- 2.5	2.1/15.4	16010	2000 HQ ₅₄	2001 09 17.3	23 39.94	-01 17.2	17.3	-0.80	- 6.5	0.3/17.7	16074
2000 KN ₅₁	2001 09 16.6	23 37.17	-01 04.4	19.2	-0.81	- 5.8	0.5/17.1	16083	2001 OA ₂₁	2001 09 17.3	23 39.96	+04 43.6	16.9	-0.91	- 0.6	2.3/19.3	15868
2000 EX ₄₈	2001 09 16.6	23 37.25	+00 48.5	19.6	-0.93	- 6.8	1.2/17.7	5717	2000 EA ₂₀	2001 09 17.3	23 40.01	-19 15.9	17.5	-0.81	- 7.9	5.7/11.2	6269
1999 AK ₁₄	2001 09 16.6	23 37.26	-06 29.7	19.1	-0.91	- 6.2	1.5/15.3	12145	1991 UD ₂	2001 09 17.3	23 40.02	-14 37.0	17.5	-0.83	- 2.6	3.6/13.5	2616
1999 BR ₄	2001 09 16.6	23 37.34	-02 50.9	19.2	-0.85	- 5.7	0.1/16.5	34600	2001 OT ₂₁	2001 09 17.3	23 40.02	-04 24.8	17.8	-0.74	- 7.5	0.8/16.6	16111

2000 DM ₉₂	2001 09 17.3	23 40.05 -03 46.5 18.6	-0.95 - 6.4	0.6/16.9	16053	1998 WD ₁₂	2001 09 18.2	23 43.02 -02 26.8 17.5	-0.91 - 6.8	0.2/18.0	16026
1994 PP ₁₀	2001 09 17.4	23 40.01 -03 37.5 17.5	-0.91 - 8.0	0.6/16.9	16004	1996 FK ₄	2001 09 18.2	23 43.06 -02 13.3 19.1	-0.93 - 5.5	0.1/18.1	613
2000 HF ₁₆	2001 09 17.4	23 40.05 -05 51.7 19.1	-0.90 - 6.0	1.3/16.2	1624	1998 WT ₁₉	2001 09 18.2	23 43.07 +19 48.9 16.7	-0.95 - 2.8	7.4/25.1	16026
1999 EX ₉	2001 09 17.4	23 40.06 +00 26.8 19.7	-0.90 - 4.1	1.0/18.0	16036	1999 JH ₁₉	2001 09 18.2	23 43.07 -04 02.1 17.9	-0.77 - 4.0	0.6/17.5	16038
1996 TP ₈	2001 09 17.4	23 40.31 -07 57.4 18.6	-0.85 - 2.1	1.7/15.7	15579	2000 HD ₄₂	2001 09 18.2	23 43.10 +10 47.4 17.5	-0.73 -10.0	4.8/23.2	16073
2000 CN ₅₄	2001 09 17.4	23 40.31 -00 54.7 18.2	-0.93 - 7.4	9.1/08.0	40452	2000 DZ ₆₇	2001 09 18.2	23 43.11 -02 44.1 19.4	-0.98 - 5.2	0.3/18.0	10952
2000 EK ₁₆	2001 09 17.4	23 40.32 +04 29.2 17.1	-1.00 - 3.9	3.1/19.5	16054	2001 QH ₇₀	2001 09 18.2	23 43.18 +04 29.4 17.8	-0.58 -11.6	2.7/20.9	15981
1981 EQ ₄₃	2001 09 17.5	23 40.51 -01 32.3 19.3	-0.90 - 6.3	9.0/08.0	1404	1997 SR ₁₀	2001 09 18.2	23 43.19 -05 54.5 17.0	-1.06 - 0.6	1.6/17.2	16011
2000 ET ₁₀₄	2001 09 17.5	23 40.58 +09 11.1 17.1	-0.94 - 5.3	4.4/21.3	15716	1998 DT ₁	2001 09 18.3	23 43.32 -04 30.0 19.0	-0.68 - 5.1	0.8/17.4	16015
2001 OZ ₈₇	2001 09 17.5	23 40.61 -11 40.5 17.3	-0.66 -10.6	3.9/13.8	15913	2000 DJ ₁₀₄	2001 09 18.3	23 43.34 -12 25.5 17.9	-0.93 - 6.7	4.4/14.8	16053
2000 FZ ₄₈	2001 09 17.5	23 40.77 +02 34.6 18.0	-0.95 - 4.1	1.7/19.0	16063	1998 FZ ₁₈	2001 09 18.3	23 43.38 +06 11.6 17.3	-0.87 - 2.6	2.8/20.7	15594
1999 FF	2001 09 17.6	23 40.73 -04 59.4 17.9	-0.80 - 4.4	1.0/16.7	16036	1993 TB ₃₉	2001 09 18.3	23 43.39 -06 59.6 17.5	-0.81 - 7.0	1.6/16.5	16003
2000 FC ₄₄	2001 09 17.6	23 40.76 -10 46.8 19.2	-0.88 - 5.6	3.0/14.8	8472	2000 EM ₂₁	2001 09 18.3	23 43.53 -14 59.5 18.2	-1.05 - 2.3	4.4/14.6	16054
2000 FU ₃₄	2001 09 17.6	23 40.77 -05 52.8 18.8	-0.85 - 5.8	1.3/16.4	16061	2000 HY ₁₀₃	2001 09 18.3	23 43.59 -04 13.8 17.5	-0.76 -10.9	0.8/17.5	16076
1998 FH ₉₇	2001 09 17.6	23 40.82 +04 55.9 18.0	-0.76 - 4.3	2.0/19.9	16016	2000 GV ₁₅₃	2001 09 18.3	23 43.65 +11 30.7 17.2	-0.87 - 6.7	6.0/23.1	16070
2000 EQ ₆₂	2001 09 17.6	23 40.88 -05 00.2 19.6	-0.92 - 6.4	1.1/16.7	3532	2000 KG ₃₈	2001 09 18.4	23 43.71 -07 17.0 18.3	-0.81 - 6.5	2.0/16.5	16082
1998 XM ₉₂	2001 09 17.6	23 40.89 -09 27.5 17.3	-0.85 - 6.4	2.4/15.1	16028	2000 JR ₁₇	2001 09 18.4	23 43.77 -07 20.3 19.2	-0.88 - 7.4	2.0/16.6	16077
1998 XA ₇₃	2001 09 17.6	23 41.07 -05 01.9 17.5	-1.02 - 3.2	1.2/16.8	14775	2001 OH ₈₇	2001 09 18.4	23 43.78 -12 02.6 17.5	-0.73 - 6.0	4.7/14.8	15912
1999 XC ₁₀	2001 09 17.6	23 41.11 -53 29.1 18.7	-1.17 - 1.2	24.2/29.0	38832	1998 YB ₉	2001 09 18.4	23 43.85 +01 50.9 17.5	-0.88 - 7.8	1.6/19.7	16028
1996 HM ₁₆	2001 09 17.7	23 41.09 +06 06.8 17.8	-0.83 - 7.5	2.8/20.6	16007	1999 BJ	2001 09 18.4	23 43.87 -01 33.6 18.0	-0.94 - 4.6	0.1/18.5	15615
1997 JT ₁₄	2001 09 17.7	23 41.10 -19 09.2 16.7	-0.95 - 1.3	8.5/12.7	16010	2000 DD ₅₆	2001 09 18.4	23 43.96 -03 34.5 17.3	-0.94 - 6.0	0.8/17.9	16052
2000 HM ₂₄	2001 09 17.7	23 41.10 -00 58.9 20.4	-0.95 - 6.0	0.4/18.0	10958	1999 ET ₃	2001 09 18.5	23 43.98 -11 19.5 18.1	-0.83 - 2.8	2.9/15.5	16035
2000 GZ ₇₆	2001 09 17.7	23 41.23 -02 07.1 20.2	-0.92 - 6.3	0.0/17.7	7023	2000 GO ₁₆₃	2001 09 18.5	23 44.01 -20 18.1 18.7	-0.87 - 7.7	6.3/11.9	1620
2000 JJ ₈₀	2001 09 17.7	23 41.26 -11 22.2 18.7	-0.98 - 4.4	4.0/14.8	16081	2000 JM ₅₆	2001 09 18.5	23 44.02 -15 26.0 18.0	-0.99 - 5.3	5.2/14.1	1356
1998 XO ₅₃	2001 09 17.7	23 41.36 +09 05.9 17.0	-0.97 - 4.3	4.4/21.2	16027	2001 OH ₉₁	2001 09 18.5	23 44.14 -13 48.0 17.2	-0.71 - 8.3	4.6/14.0	15916
2001 OP ₇₃	2001 09 17.7	23 41.41 -03 31.1 17.8	-0.63 -15.1	0.6/17.1	16120	1993 SS ₁₅	2001 09 18.5	23 44.30 -19 22.5 16.8	-1.00 - 3.1	6.6/13.0	16003
1999 XS ₁₄₁	2001 09 17.7	23 41.46 -45 49.9 18.4	-1.27 - 3.7	18.6/30.2	40420	2000 KC ₁₄	2001 09 18.5	23 44.36 -09 45.4 17.6	-0.87 - 4.6	3.3/16.0	15806
2000 EQ ₄₇	2001 09 17.7	23 41.46 -05 02.0 17.2	-0.92 - 3.4	1.3/16.9	16055	2000 JZ ₇₃	2001 09 18.6	23 44.47 -06 35.3 18.8	-0.86 - 6.3	1.7/17.0	16081
2000 JQ ₅₉	2001 09 17.7	23 41.51 -07 57.0 18.7	-0.90 - 1.8	1.8/16.1	1649	2000 GF ₈₇	2001 09 18.6	23 44.52 -13 33.1 19.7	-0.97 - 4.5	4.1/15.0	2475
1998 WG ₁₁	2001 09 17.8	23 41.47 -12 45.8 18.3	-0.96 - 7.2	4.8/14.1	12145	2000 DT ₁₀₅	2001 09 18.6	23 44.53 -07 32.7 19.8	-1.01 - 4.3	2.1/16.9	10953
1023 T-3	2001 09 17.9	23 41.83 +08 43.6 17.6	-0.97 - 5.8	3.9/21.4	16169	2000 JX ₃₃	2001 09 18.6	23 44.54 +02 32.2 17.9	-0.86 - 4.1	1.5/20.0	1341
1998 BB ₁₉	2001 09 17.9	23 41.91 -05 30.8 16.6	-0.86 - 1.2	1.3/16.9	16015	1999 CX ₁₁₉	2001 09 18.6	23 44.57 -26 46.6 18.2	-0.92 - 4.7	8.2/09.7	16035
2000 NX ₂	2001 09 17.9	23 42.02 +47 04.4 18.9	-1.06 - 2.6	12.4/08.0	16085	2000 KN ₅	2001 09 18.6	23 44.59 +49 34.1 19.0	-1.02 - 4.2	14.2/13.0	3936
2000 JF ₃₄	2001 09 17.9	23 42.08 -02 55.4 19.5	-0.91 - 5.1	0.3/17.7	7033	4132 T-2	2001 09 18.6	23 44.66 -00 59.3 18.7	-0.75 - 7.3	0.2/18.9	16169
2000 FM ₄₉	2001 09 17.9	23 42.16 +07 48.3 18.7	-0.93 - 6.7	3.7/21.2	16063	2000 HB ₃₇	2001 09 18.7	23 44.67 -22 52.9 16.6	-0.74 - 9.6	8.1/10.1	16073
1999 CO ₅₇	2001 09 18.0	23 42.16 -10 09.2 17.3	-0.80 - 9.8	2.9/14.9	15626	2000 GJ ₃₉	2001 09 18.7	23 44.75 +01 05.1 19.2	-0.90 - 8.4	1.0/19.7	2461
1992 JC ₁	2001 09 18.0	23 42.28 -16 51.7 18.1	-0.96 - 3.9	6.0/13.2	16001	1999 CW ₅	2001 09 18.7	23 44.76 -10 19.7 17.1	-0.93 - 4.7	3.0/15.9	16031
1999 GW ₃₇	2001 09 18.0	23 42.32 -22 49.5 17.5	-1.01 - 1.8	7.6/11.5	16037	2000 EZ ₁₁₃	2001 09 18.7	23 44.88 -08 00.4 16.1	-0.86 - 6.0	2.7/16.6	16058
2000 KF ₅₁	2001 09 18.0	23 42.39 +01 39.9 19.2	-0.80 - 5.8	1.3/19.3	15809	2000 OZ ₂₄	2001 09 18.7	23 44.89 +08 44.0 17.4	-0.79 - 3.8	2.8/22.2	16086
2000 JP ₃₅	2001 09 18.0	23 42.42 -06 46.2 18.2	-0.86 - 4.3	1.8/16.5	16079	2000 KW ₃₄	2001 09 18.7	23 44.97 +00 48.6 17.5	-0.71 - 6.0	0.8/19.6	15807
2000 EJ ₄₆	2001 09 18.1	23 42.51 +00 35.6 18.0	-0.86 - 9.1	1.0/19.0	15708	2000 EG ₁₀₁	2001 09 18.7	23 44.98 -16 53.5 16.7	-0.98 - 0.2	6.8/14.5	16057
1998 SP ₆₆	2001 09 18.1	23 42.51 -14 47.7 17.1	-1.05 - 4.0	5.8/14.3	16021	1999 BZ ₁₄	2001 09 18.7	23 45.01 +08 26.5 19.3	-0.78 - 6.4	3.0/22.3	35732
1992 EN ₁₇	2001 09 18.1	23 42.54 -07 07.5 17.4	-0.97 - 5.7	2.0/16.4	16001	1998 TK ₁₇	2001 09 18.7	23 45.01 -05 03.7 19.0	-1.04 - 4.4	1.3/17.8	16023
2032 T-3	2001 09 18.1	23 42.67 +02 38.7 17.7	-0.83 - 3.7	1.5/19.6	15990	1996 LZ	2001 09 18.7	23 45.05 -00 36.2 18.2	-0.87 - 5.5	0.3/19.1	16007
1993 UH ₄	2001 09 18.1	23 42.70 -06 53.1 17.3	-0.75 - 7.7	2.2/16.4	15566	2000 DT ₂₁	2001 09 18.8	23 45.03 +02 00.8 18.0	-0.94 - 8.2	1.6/20.0	7002
2001 MH ₅	2001 09 18.1	23 42.71 +02 20.6 17.0	-0.98 - 3.2	2.0/19.4	16100	2001 OF ₂₁	2001 09 18.8	23 45.17 +00 44.5 17.1	-0.85 - 3.8	0.9/19.6	15869
2000 GN ₉₇	2001 09 18.1	23 42.71 -03 39.8 16.0	-0.70 - 7.3	0.9/17.5	16067	2000 JS ₁₈	2001 09 18.8	23 45.27 -13 00.5 18.4	-0.87 - 1.9	3.5/15.5	16077
2000 GJ ₅₆	2001 09 18.1	23 42.74 -06 40.7 19.1	-0.94 - 5.5	1.7/16.6	2466	1998 XM ₂₇	2001 09 18.8	23 45.27 +08 37.3 16.6	-0.99 - 4.8	4.0/22.1	16027
1999 AM ₃₁	2001 09 18.1	23 42.88 -09 15.1 18.1	-0.82 - 6.8	2.6/15.6	16030	2001 QE ₃₂	2001 09 18.8	23 45.31 +10 25.8 17.3	-0.88 - 4.8	3.8/23.0	15972
1998 BM ₁	2001 09 18.2	23 42.92 -07 32.7 18.8	-0.70 - 5.7	1.6/16.2	16014	1993 BY ₂	2001 09 18.8	23 45.33 +05 05.6 18.5	-0.76 - 4.0	1.8/21.1	15005
1999 AB ₂₄	2001 09 18.2	23 43.02 +05 19.7 18.5	-1.36 + 1.8	2.8/19.8	15614	2000 GM ₆₆	2001 09 18.8	23 45.42 -02 14.1 17.5	-0.95 - 4.7	0.3/18.7	16065

2000 JA	2001 09 18.9	23 45.40	-06 07.6	16.9	-0.81	- 4.5	1.6/17.4	16076	2001 QN ₇₀	2001 09 19.5	23 47.60	+00 57.2	16.2	-0.61	-10.6	0.8/20.4	15981
1999 FQ ₁	2001 09 18.9	23 45.50	-02 17.4	18.4	-0.70	- 8.0	0.2/18.7	5521	2000 AN ₂₂₇	2001 09 19.5	23 47.69	+09 21.4	17.3	-1.10	- 2.5	4.7/23.0	16047
1996 HO ₁₃	2001 09 18.9	23 45.54	+02 12.0	17.7	-0.84	- 6.9	1.4/20.2	16007	2000 JH ₄₇	2001 09 19.5	23 47.71	+00 47.3	18.0	-0.94	- 2.3	0.8/20.2	15797
2001 QQ ₇₀	2001 09 18.9	23 45.69	+05 26.3	17.1	-0.89	- 2.9	2.3/21.1	15981	1999 BF ₁	2001 09 19.5	23 47.74	-06 34.7	18.1	-0.80	- 9.7	2.2/17.6	11524
1993 OS ₉	2001 09 18.9	23 45.77	-13 56.6	17.8	-0.88	- 7.0	4.4/14.7	16002	1999 CH ₆₅	2001 09 19.5	23 47.83	+07 26.9	17.4	-0.78	- 6.1	2.7/22.6	15627
1402 T-2	2001 09 19.0	23 45.75	-00 00.3	18.2	-0.89	- 4.1	0.7/19.5	16168	1996 VO ₂₇	2001 09 19.5	23 47.89	-02 04.9	17.8	-0.73	- 5.3	0.3/19.3	16008
1998 VA ₃₃	2001 09 19.0	23 45.82	+00 22.3	18.9	-0.91	- 6.2	0.6/19.6	16025	2000 JM ₄₁	2001 09 19.6	23 47.92	+04 22.0	17.6	-0.86	- 8.6	2.4/21.6	1347
1998 SU ₆₅	2001 09 19.0	23 45.89	-09 58.3	17.3	-0.99	- 5.9	3.1/16.4	16021	2000 EO ₁₃₁	2001 09 19.6	23 47.96	-00 35.8	17.7	-1.06	- 2.4	0.3/19.8	15720
2000 GH ₁₁₀	2001 09 19.0	23 45.92	+02 05.0	17.6	-0.96	- 4.8	1.7/20.2	1282	1996 JC ₆	2001 09 19.6	23 48.08	-03 36.2	18.3	-0.87	- 6.6	0.8/18.9	16007
2000 AM ₄₂	2001 09 19.0	23 46.01	-38 42.5	18.0	-1.06	- 3.0	11.6/06.1	1560	2001 QV ₂₄	2001 09 19.6	23 48.09	-10 59.8	16.6	-0.82	- 7.0	4.9/16.3	15970
1999 CD ₆₆	2001 09 19.0	23 46.03	-00 35.6	17.3	-0.89	- 6.6	0.3/19.4	15627	1998 WF ₃₁	2001 09 19.6	23 48.19	-39 26.7	19.3	-1.11	- 4.0	11.6/05.1	10874
1997 QF ₅	2001 09 19.0	23 46.10	-02 58.6	18.2	-0.86	- 6.7	0.6/18.6	16010	2000 ES ₆₉	2001 09 19.6	23 48.23	-01 46.3	19.0	-0.95	- 5.4	0.2/19.5	1575
1977 TC	2001 09 19.0	23 46.10	-46 03.4	16.4	-1.77	+ 6.9	21.7/06.0	4879	1999 DS ₂	2001 09 19.7	23 48.36	+02 17.1	18.3	-0.87	- 3.2	1.0/20.8	16035
6257 P-L	2001 09 19.1	23 46.20	+01 18.6	18.8	-0.91	- 4.3	1.2/20.0	4862	1044 T-2	2001 09 19.7	23 48.37	+02 58.4	16.9	-1.01	- 4.2	1.9/21.0	16168
2000 KO ₁₃	2001 09 19.1	23 46.20	-09 41.0	18.9	-0.98	- 5.4	3.3/16.5	16082	2000 HW ₄	2001 09 19.8	23 48.64	-30 20.5	16.7	-1.09	+ 1.9	9.3/12.2	2773
2000 CE ₈₂	2001 09 19.1	23 46.20	+01 14.3	17.5	-1.05	- 4.6	1.1/19.9	15680	1996 AN ₇	2001 09 19.8	23 48.73	-06 35.0	21.3	-0.95	- 5.8	1.9/18.1	166
2000 QO ₂₁₈	2001 09 19.1	23 46.28	-03 56.3	19.2	-0.49	- 3.5	0.5/18.3	16088	1997 UV ₂	2001 09 19.9	23 49.02	+00 49.6	18.6	-0.82	- 5.4	0.6/20.6	16012
2000 DP ₆₉	2001 09 19.1	23 46.29	-01 28.1	19.4	-0.92	- 7.0	0.0/19.1	7004	2000 CO ₉₃	2001 09 19.9	23 49.05	-08 20.0	18.0	-0.97	- 6.3	2.6/17.6	16050
2000 EQ ₁₃₇	2001 09 19.1	23 46.35	-07 20.6	17.9	-0.88	- 7.4	1.9/17.2	16059	2000 GH ₇₁	2001 09 19.9	23 49.15	-09 38.5	17.8	-1.01	- 4.1	3.4/17.4	16066
2000 EZ ₁₈	2001 09 19.1	23 46.35	+15 36.4	17.5	-1.34	+ 1.5	6.6/23.3	15702	2000 HV ₄₁	2001 09 19.9	23 49.24	-10 17.6	19.5	-0.73	- 6.6	2.5/16.8	2775
2000 HT ₈	2001 09 19.1	23 46.35	-11 34.7	18.0	-0.96	- 4.2	3.8/16.0	1622	1997 NM ₃	2001 09 19.9	23 49.26	-03 15.9	18.4	-0.93	- 7.0	0.8/19.3	16010
1998 XP ₁₀	2001 09 19.1	23 46.48	-00 29.0	18.4	-0.91	- 6.0	0.4/19.5	35727	1999 DX ₂	2001 09 19.9	23 49.28	-15 22.4	17.7	-0.73	-12.5	4.7/14.2	16035
2000 AJ ₂₀₄	2001 09 19.1	23 46.54	-05 41.6	17.5	-0.95	- 7.2	1.7/17.8	15663	2000 CP ₈₅	2001 09 19.9	23 49.31	-05 17.7	16.9	-0.98	- 4.8	2.0/18.7	16050
2000 KA ₆₁	2001 09 19.2	23 46.53	-04 23.9	17.0	-0.87	- 8.7	1.2/18.2	16083	1998 BZ ₄₀	2001 09 19.9	23 49.32	-02 25.5	17.3	-0.76	- 4.6	0.4/19.6	31267
2000 CA ₇₁	2001 09 19.2	23 46.55	+05 17.6	18.4	-0.94	- 7.7	2.5/21.5	16050	1992 DD ₇	2001 09 19.9	23 49.35	-08 18.6	17.7	-0.85	- 8.5	2.7/17.4	16000
1993 SA ₁₄	2001 09 19.2	23 46.61	-04 54.6	15.9	-1.72	+ 8.2	1.9/18.8	16003	2000 HL ₇	2001 09 20.0	23 49.32	-03 05.2	18.6	-0.84	- 6.5	0.7/19.4	16071
1999 CA ₁₂₀	2001 09 19.2	23 46.62	-17 36.3	17.8	-1.10	- 1.7	7.0/14.5	15631	2000 HV ₄	2001 09 20.0	23 49.43	-02 29.3	17.8	-0.71	- 8.4	0.6/19.5	8208
2000 EG ₇₁	2001 09 19.2	23 46.63	-04 20.1	18.5	-0.92	- 7.4	1.2/18.3	12239	1992 DA ₄	2001 09 20.0	23 49.49	+00 00.5	19.7	-0.93	- 5.3	0.4/20.4	16000
1998 VH ₂	2001 09 19.2	23 46.71	+06 29.4	18.1	-0.94	- 7.0	2.9/21.9	16024	2000 GR ₆₂	2001 09 20.0	23 49.49	+04 57.2	16.6	-0.81	- 8.9	2.7/22.2	445
1999 GO ₃	2001 09 19.2	23 46.79	+05 15.6	17.2	-0.68	- 7.0	2.0/21.7	16037	1994 PN ₁₉	2001 09 20.0	23 49.60	+01 26.8	18.2	-0.99	- 5.6	1.1/20.9	16004
2001 OB ₇₀	2001 09 19.3	23 46.83	-09 17.5	16.4	-0.69	- 5.6	4.1/16.5	15899	1993 FU ₂₂	2001 09 20.0	23 49.66	+00 28.5	19.0	-0.97	- 5.8	0.6/20.6	1412
2000 GV ₁₂₆	2001 09 19.3	23 46.91	-17 36.0	18.0	-0.76	- 4.8	4.4/13.8	16069	1981 EB ₃₈	2001 09 20.1	23 49.76	+02 10.6	19.3	-0.84	- 4.3	1.1/21.2	30780
1999 BQ ₁₂	2001 09 19.3	23 46.92	-31 20.8	15.4	-0.82	- 5.0	12.3/07.5	15042	1993 TQ ₃₁	2001 09 20.1	23 49.79	-06 41.0	17.6	-0.83	- 7.1	2.3/18.2	16003
1994 YP ₁	2001 09 19.3	23 47.07	-01 44.3	17.5	-0.96	- 4.6	0.1/19.3	16005	2000 KH ₇	2001 09 20.1	23 49.82	-22 23.5	17.9	-0.80	- 3.8	6.6/12.9	16081
2000 KB ₄₃	2001 09 19.3	23 47.08	-08 39.7	18.8	-0.92	- 6.9	2.6/16.9	16083	2001 OD ₂₂	2001 09 20.1	23 49.89	-09 59.9	17.0	-0.65	-10.0	2.4/16.7	15869
2000 DA ₇₈	2001 09 19.3	23 47.18	-00 03.5	16.1	-1.03	- 2.4	0.6/19.8	16053	1997 YG ₃	2001 09 20.1	23 49.92	+13 09.0	17.8	-0.79	- 4.1	4.3/25.0	15590
2001 QC ₂₇	2001 09 19.3	23 47.19	-11 15.5	17.2	-0.69	- 5.3	2.9/15.9	15971	2001 OJ ₂₁	2001 09 20.1	23 49.93	-10 45.3	17.3	-0.55	-15.6	4.2/15.9	16111
1995 KE ₃	2001 09 19.3	23 47.20	-00 46.4	19.8	-0.78	- 5.6	0.2/19.6	15570	2000 JZ ₄₀	2001 09 20.1	23 49.98	-00 40.5	19.4	-0.82	- 6.6	0.1/20.3	2779
1999 JA	2001 09 19.3	23 47.23	-11 52.1	18.4	-0.81	- 2.9	3.1/16.1	2647	4093 T-2	2001 09 20.2	23 50.06	-04 14.4	19.1	-0.90	- 5.3	1.1/19.2	34339
1999 CB ₂₆	2001 09 19.3	23 47.25	-03 19.0	18.8	-0.90	- 6.6	0.7/18.8	6823	2000 EA ₁₂₃	2001 09 20.2	23 50.19	-11 11.9	18.4	-0.85	-12.2	3.4/16.4	1580
2000 AL ₄₉	2001 09 19.3	23 47.26	-47 21.1	18.3	-0.95	-11.4	20.5/03.0	16045	1999 BQ	2001 09 20.2	23 50.33	+12 13.4	17.6	-0.94	- 4.1	4.9/24.5	16030
1999 BV ₂₆	2001 09 19.4	23 47.23	-00 25.2	19.6	-0.97	- 6.0	0.4/19.7	16031	2000 FK ₄₂	2001 09 20.2	23 50.34	-03 11.1	16.7	-0.79	-11.3	1.0/19.5	16062
2001 QE ₂₅	2001 09 19.4	23 47.28	-04 30.2	17.4	-0.99	- 2.4	1.2/18.5	15970	1998 WA ₉	2001 09 20.2	23 50.46	+00 50.7	18.0	-1.08	- 3.5	0.7/20.8	16025
1998 YW ₁₂	2001 09 19.4	23 47.37	-05 20.1	18.8	-0.84	- 5.7	1.3/18.1	16028	2001 QS ₁₁₀	2001 09 20.3	23 50.42	+14 40.4	19.1	-0.78	- 8.3	5.6/26.3	15984
2000 GJ ₃₇	2001 09 19.4	23 47.39	-04 41.8	16.5	-0.87	- 3.8	1.4/18.4	16064	3512 P-L	2001 09 20.3	23 50.51	+14 33.3	18.0	-0.80	- 3.7	4.3/25.5	15122
1999 HT ₁₀	2001 09 19.4	23 47.42	-06 17.7	18.9	-0.74	- 3.6	1.3/17.8	15047	2000 FT ₁₉	2001 09 20.3	23 50.51	-15 03.6	17.7	-0.91	- 6.2	5.7/15.6	16061
2000 HE ₁₂	2001 09 19.4	23 47.50	+00 55.9	20.4	-0.92	- 6.0	0.8/20.2	5748	2000 FO ₂₁	2001 09 20.3	23 50.57	-09 08.9	17.6	-0.75	-11.3	3.0/17.2	16061
2000 EP ₉₀	2001 09 19.4	23 47.52	+04 54.2	19.2	-0.91	- 7.3	2.2/21.6	3535	2000 EK ₅₆	2001 09 20.3	23 50.60	-03 14.6	17.5	-0.89	- 7.0	0.9/19.6	16055
2000 DL ₂	2001 09 19.4	23 47.59	-06 35.8	17.7	-0.92	- 6.6	2.2/17.8	16051	2000 DB ₁₀₅	2001 09 20.3	23 50.62	-11 06.6	19.2	-1.00	- 5.5	3.9/17.2	39478
2000 EL ₈₇	2001 09 19.5	23 47.54	+01 34.0	18.5	-0.98	- 4.7	1.0/20.4	15713	1999 CP ₄₀	2001 09 20.3	23 50.73	-03 34.5	17.5	-0.88	- 1.4	0.7/19.6	15624
2001 OL ₂₁	2001 09 19.5	23 47.59	+05 00.1	16.9	-0.74	- 4.4	3.4/21.7	15869	2000 JX ₂₂	2001 09 20.3	23 50.80	+02 10.5	18.0	-1.06	- 3.1	1.2/21.3	16078

2000 HE ₁₅	2001 09 20.3	23 50.83	-02 22.7	17.3	-0.83	- 6.5	0.5/19.9	15769	2000 EV ₆₈	2001 09 21.0	23 53.03	-03 45.6	17.6	-1.03	- 2.6	1.3/20.2	16056
2000 CU ₈₀	2001 09 20.4	23 50.78	+02 33.3	21.2	-0.92	- 6.0	1.3/21.6	40106	2000 LU	2001 09 21.0	23 53.06	-10 35.1	16.9	-0.87	- 3.0	3.6/18.0	16084
1994 PR ₉	2001 09 20.4	23 50.94	+00 02.0	18.0	-0.94	- 7.3	0.4/20.8	16004	1999 CT	2001 09 21.0	23 53.15	-15 39.4	18.3	-0.73	- 6.1	4.4/15.8	16031
4810 T-2	2001 09 20.4	23 51.05	-04 18.9	18.8	-0.74	- 7.6	1.0/19.3	16169	1993 FX ₂₂	2001 09 21.0	23 53.27	+01 30.7	18.0	-0.96	- 6.0	0.8/21.8	40302
1981 EE ₄₂	2001 09 20.4	23 51.09	-02 17.4	18.0	-0.66	- 8.3	0.4/20.0	15997	1998 WF ₁₉	2001 09 21.0	23 53.29	+08 00.9	18.9	-0.99	- 5.3	3.3/23.8	15605
1992 EB ₁₄	2001 09 20.4	23 51.18	-00 03.4	18.5	-0.91	- 6.0	0.3/20.8	16000	2001 OY ₁₀₆	2001 09 21.1	23 53.28	+07 42.4	17.4	-0.93	- 1.6	3.4/23.6	15930
2000 GH ₁₀₂	2001 09 20.4	23 51.19	+04 01.5	18.5	-0.85	- 7.4	1.8/22.2	16068	1999 JK ₁₃	2001 09 21.1	23 53.45	-36 43.9	18.7	-0.95	- 2.7	9.3/07.8	35101
2000 LA ₂	2001 09 20.5	23 51.13	-15 44.4	18.7	-0.85	- 2.6	4.7/15.9	16084	2000 ET ₂₃	2001 09 21.1	23 53.47	+00 20.2	18.1	-0.88	- 6.7	0.4/21.5	15703
2000 GK ₁₄₂	2001 09 20.5	23 51.17	-25 39.7	17.3	-0.85	- 2.8	8.6/12.3	15761	1998 YW ₂₉	2001 09 21.1	23 53.54	-09 28.6	17.4	-0.98	- 2.4	3.2/18.6	16028
1993 FT ₂₁	2001 09 20.5	23 51.18	+00 19.3	18.7	-0.91	- 7.4	0.5/20.9	36332	2000 DY ₂₄	2001 09 21.1	23 53.65	-07 20.1	19.2	-0.90	- 9.8	2.5/18.8	10951
1999 CL ₈₇	2001 09 20.5	23 51.19	-01 05.9	18.3	-0.89	- 4.6	0.0/20.5	16034	1997 YU ₅	2001 09 21.2	23 53.63	+11 22.0	19.1	-0.88	- 4.4	4.2/25.0	31796
2000 FY ₂₅	2001 09 20.5	23 51.24	-08 09.1	18.0	-0.89	- 6.5	3.0/18.1	15730	2000 LE ₄	2001 09 21.2	23 53.81	+13 22.1	17.9	-0.78	- 8.7	4.5/26.5	15087
2000 HR ₃₇	2001 09 20.5	23 51.31	-41 25.1	18.2	-1.04	- 2.0	14.1/04.6	10958	1999 CP ₈₃	2001 09 21.2	23 53.87	-07 23.9	18.3	-0.82	- 5.1	1.9/19.0	16034
2001 OU ₄₃	2001 09 20.5	23 51.33	+15 31.5	17.3	-1.14	+ 1.4	5.4/24.8	15881	2000 EM ₁₃₆	2001 09 21.2	23 53.90	-08 10.6	15.3	-0.65	-11.2	3.7/18.3	16059
1353 T-2	2001 09 20.5	23 51.36	-01 12.2	17.8	-0.89	- 5.4	0.1/20.5	16168	1999 CA ₁₈	2001 09 21.2	23 53.91	-05 28.2	16.5	-1.02	- 2.8	2.0/19.9	16032
2000 HL ₇₁	2001 09 20.5	23 51.41	-19 52.1	16.3	-0.90	- 1.2	8.6/14.6	16075	2000 HA ₃₃	2001 09 21.2	23 53.92	-17 52.2	18.0	-0.81	- 7.8	5.6/15.0	16073
2000 GA ₇₃	2001 09 20.6	23 51.57	+05 49.4	17.2	-0.76	- 8.4	2.3/23.1	15748	2001 OT ₁₃	2001 09 21.2	23 53.93	-10 49.3	16.5	-0.80	- 9.1	4.8/17.6	15865
2000 FX ₄	2001 09 20.6	23 51.68	-10 48.1	17.4	-1.09	+ 3.7	4.4/18.5	15727	2001 QF ₁₀₄	2001 09 21.2	23 53.95	+01 42.2	16.7	-0.93	- 2.3	1.1/22.0	15984
2001 QD ₂₅	2001 09 20.6	23 51.69	-02 14.6	17.2	-0.78	- 3.3	0.4/20.2	15970	1999 CZ ₁₀₄	2001 09 21.2	23 54.03	-02 53.6	17.4	-0.77	-11.5	1.0/20.4	16034
2000 DU ₇₆	2001 09 20.6	23 51.72	+01 00.4	18.3	-0.97	- 6.9	0.8/21.3	16053	1998 WH ₂₃	2001 09 21.2	23 54.04	-09 27.8	18.5	-1.00	- 5.4	3.6/18.5	16026
1998 XT ₁₅	2001 09 20.6	23 51.86	-00 01.5	16.7	-1.03	- 1.4	0.4/20.9	16027	2000 HY ₈₃	2001 09 21.2	23 54.06	-28 20.3	17.1	-0.91	- 3.8	10.6/11.8	2776
2000 GU ₁₀₇	2001 09 20.6	23 51.86	-16 22.6	17.9	-0.97	- 1.9	5.7/16.2	1610	2000 CB ₈	2001 09 21.3	23 54.16	+09 37.5	17.6	-1.52	+ 3.8	5.1/23.4	15668
1999 CY ₁₅₃	2001 09 20.7	23 51.95	-06 18.6	18.6	-0.93	- 2.4	1.6/19.1	35084	2000 GM ₇₇	2001 09 21.3	23 54.18	-02 03.4	17.5	-0.76	- 5.5	0.5/20.9	15749
1993 FU ₃₇	2001 09 20.7	23 51.99	-04 54.7	18.1	-1.01	- 4.5	1.5/19.5	1412	2000 GB ₈₅	2001 09 21.3	23 54.37	-17 58.8	18.5	-0.82	- 7.9	6.0/15.1	1605
2000 KE ₂₅	2001 09 20.7	23 52.02	-07 20.9	18.5	-0.85	- 4.3	2.1/18.7	3603	1997 SX ₁	2001 09 21.3	23 54.38	+03 16.6	17.5	-0.82	- 6.9	1.3/22.7	16011
2001 OW ₁₀₂	2001 09 20.7	23 52.06	+26 13.3	16.8	-0.95	- 2.3	10.6/30.3	15928	2000 EQ ₅₇	2001 09 21.3	23 54.42	+01 28.5	19.0	-0.95	- 6.5	0.7/22.1	16056
2000 EG ₄₄	2001 09 20.7	23 52.09	+02 16.2	19.0	-0.91	- 7.7	1.2/21.8	16055	2000 HR ₂₃	2001 09 21.3	23 54.43	-05 38.6	19.4	-0.90	- 5.9	1.7/19.8	9789
2000 FZ ₂₅	2001 09 20.7	23 52.09	-10 22.0	15.6	-1.04	- 0.6	4.5/18.2	16061	1998 YF ₃₀	2001 09 21.4	23 54.39	-15 26.1	16.8	-1.00	- 1.8	4.8/17.1	16028
1999 FL ₂₄	2001 09 20.7	23 52.11	+04 38.6	18.1	-0.73	- 4.3	1.5/22.6	16036	2000 GP ₇₂	2001 09 21.4	23 54.43	-21 37.7	17.7	-0.96	+ 1.1	7.6/15.8	15748
1999 BA ₃	2001 09 20.7	23 52.13	-12 12.2	19.1	-0.86	- 6.3	3.5/16.9	35443	2000 DL ₁₁₂	2001 09 21.4	23 54.45	-03 24.8	16.6	-0.88	- 5.2	1.4/20.5	16053
2000 KZ ₁	2001 09 20.7	23 52.17	-10 28.0	17.6	-0.96	- 7.2	3.6/17.5	16081	2001 PQ ₁₂	2001 09 21.4	23 54.49	-07 28.4	17.0	-1.14	+ 2.4	2.9/19.8	15943
2000 GR ₁₁₄	2001 09 20.8	23 52.22	-13 03.4	18.0	-1.11	- 1.1	5.3/17.5	1612	2000 FZ ₂₆	2001 09 21.4	23 54.59	-12 49.8	19.0	-1.09	+ 1.5	4.1/18.5	15730
1999 JX ₁₀₂	2001 09 20.8	23 52.22	-10 17.5	18.7	-0.73	- 4.7	2.6/17.6	16040	1996 LT	2001 09 21.4	23 54.59	-15 08.9	19.5	-0.86	- 5.7	5.0/16.6	2623
1998 ER ₁₀	2001 09 20.8	23 52.23	-06 44.4	18.3	-0.78	- 5.5	1.9/18.8	16016	2001 OQ ₉₆	2001 09 21.4	23 54.64	+20 22.6	16.1	-0.99	- 0.3	9.0/27.9	15921
1999 CX ₄₆	2001 09 20.8	23 52.24	+04 53.3	17.8	-0.91	- 1.5	1.9/22.5	16033	2000 GX ₁₃₅	2001 09 21.4	23 54.78	+01 13.3	17.8	-0.92	- 9.1	0.6/22.1	16070
2000 JH ₁₄	2001 09 20.8	23 52.25	-12 30.7	17.2	-1.01	- 5.0	4.9/17.1	16077	2000 GE ₅₂	2001 09 21.5	23 54.73	-04 30.4	18.5	-0.94	- 5.3	1.4/20.3	1598
2000 EL ₆₀	2001 09 20.8	23 52.25	-00 22.8	19.4	-0.91	- 6.9	0.2/21.0	16056	2000 QJ ₁₂	2001 09 21.5	23 54.83	-04 21.0	18.1	-0.50	- 3.2	0.7/20.2	4983
1998 WG ₉	2001 09 20.8	23 52.28	-11 19.9	16.9	-0.97	- 3.5	5.1/17.5	16025	2000 QA ₁₅₇	2001 09 21.5	23 54.89	+28 03.6	18.7	-0.61	- 0.9	5.0/02.0	13707
1993 VP ₃	2001 09 20.8	23 52.29	+03 42.7	16.4	-0.90	- 3.8	1.9/22.2	16003	2000 DW ₁₀₃	2001 09 21.5	23 54.99	-10 11.4	17.3	-0.95	- 6.1	4.0/18.5	16053
1999 FA ₃₁	2001 09 20.8	23 52.51	-18 41.0	18.9	-0.92	- 0.3	4.8/15.7	16036	2000 ET ₄₁	2001 09 21.5	23 55.05	-02 53.2	18.9	-0.84	- 7.0	0.7/20.8	1573
1997 VH ₁	2001 09 20.8	23 52.58	+20 36.5	17.8	-0.98	- 1.6	8.1/27.6	16012	1999 CO ₈₄	2001 09 21.5	23 55.11	-03 27.7	18.1	-0.91	- 4.2	0.9/20.7	16034
2000 GG ₇₂	2001 09 20.8	23 52.62	-00 14.1	17.6	-0.87	- 8.3	0.2/21.1	16066	2001 MR ₁₁	2001 09 21.6	23 55.06	-00 26.5	15.8	-0.47	-16.4	0.0/21.6	15837
2000 JL ₃₀	2001 09 20.8	23 52.64	+00 14.0	17.2	-0.97	- 5.5	0.4/21.2	16078	2000 KN ₃₁	2001 09 21.6	23 55.11	+01 35.1	17.0	-0.75	- 5.2	0.7/22.3	16082
2001 QD ₁₀₄	2001 09 20.9	23 52.59	-04 58.8	16.8	-0.73	- 4.5	1.5/19.5	15984	2000 FK ₄₁	2001 09 21.6	23 55.16	-02 23.9	17.9	-0.75	-10.1	0.7/20.9	15732
1993 FC ₆	2001 09 20.9	23 52.61	-06 29.0	17.8	-1.04	- 2.5	2.4/19.3	16001	2000 FD ₄₈	2001 09 21.6	23 55.19	-15 27.9	18.7	-0.97	- 4.6	5.6/16.9	16063
2000 EY	2001 09 20.9	23 52.85	-01 52.0	15.9	-0.93	- 2.9	0.5/20.6	16054	1990 SQ ₇	2001 09 21.6	23 55.19	-07 18.6	17.2	-0.92	- 5.6	3.0/19.4	15999
2000 ET ₅₉	2001 09 20.9	23 52.86	-00 46.5	18.8	-0.93	- 7.7	0.0/21.0	723	2000 GD ₉₃	2001 09 21.6	23 55.20	-06 49.0	19.0	-0.93	- 6.6	2.2/19.6	1277
2000 JC ₁₁	2001 09 20.9	23 52.88	+08 08.7	18.1	-0.92	- 5.6	3.2/23.9	16077	1995 DE ₈	2001 09 21.6	23 55.23	-02 55.0	18.8	-0.82	- 6.7	0.8/20.8	16005
1988 CZ ₄	2001 09 20.9	23 52.89	+05 31.6	18.5	-0.84	- 8.3	2.3/23.2	15002	1999 CR ₉₉	2001 09 21.6	23 55.34	-04 55.3	17.5	-0.83	- 4.8	1.4/20.2	16034
1996 GU ₁₇	2001 09 21.0	23 53.02	-10 25.7	18.1	-0.98	- 2.4	3.5/18.2	16007	3463 T-3	2001 09 21.6	23 55.42	-03 52.8	18.2	-1.03	- 3.8	1.2/20.7	16170
2000 HJ ₇₂	2001 09 21.0	23 53.03	-06 51.4	17.4	-0.93	- 5.7	2.8/19.0	16075	2000 KU ₁₃	2001 09 21.6	23 55.44	+19 36.7	17.2	-0.70	- 9.1	8.3/29.9	16082

2000 JS ₅₇	2001 09 21.7	23 55.45	-17 17.8	17.7	-0.84	- 4.2	5.2/16.1	16080	1998 YW ₁₅	2001 09 22.3	23 57.79	+10 47.2	19.0	-0.83	- 4.8	3.4/26.1	16028
2000 EC ₁₃₄	2001 09 21.7	23 55.46	-17 19.4	19.3	-1.02	- 1.7	5.7/16.9	1581	1999 JV ₂₂	2001 09 22.3	23 57.83	+03 37.8	19.3	-0.72	- 5.2	1.0/23.7	16038
2000 HU ₆₂	2001 09 21.7	23 55.47	-20 33.2	17.6	-0.90	- 0.9	6.6/15.9	16075	1999 CQ ₁₀₃	2001 09 22.3	23 57.91	+05 14.6	19.1	-0.76	- 7.5	1.6/24.3	3298
1999 CS ₉₉	2001 09 21.7	23 55.69	-14 43.0	16.6	-0.71	- 7.2	4.8/16.5	16034	2000 LA ₁₉	2001 09 22.3	23 57.91	+24 14.2	17.1	-0.75	- 4.5	6.4/01.5	15816
1998 UL ₃₂	2001 09 21.7	23 55.72	-13 11.1	17.4	-1.01	- 3.7	5.2/17.9	16024	2000 JQ ₂₆	2001 09 22.3	23 57.99	+05 51.0	17.7	-0.95	- 5.3	2.1/24.3	16078
4256 T-1	2001 09 21.8	23 55.83	-04 17.1	17.8	-0.76	- 3.6	1.1/20.6	16168	1998 BZ ₂₀	2001 09 22.4	23 58.07	-04 48.9	18.2	-0.77	- 5.5	1.6/20.9	16015
1999 CW ₁	2001 09 21.8	23 55.83	+01 06.2	16.2	-1.13	+ 1.3	0.6/22.2	16031	2000 GN ₁₄₃	2001 09 22.4	23 58.07	-06 24.7	20.3	-0.86	- 7.2	2.0/20.3	2771
1999 AK	2001 09 21.8	23 55.84	+11 02.2	17.6	-0.82	- 5.9	3.5/25.8	16029	1998 YU ₁₄	2001 09 22.4	23 58.10	-03 02.4	18.3	-0.91	- 7.4	1.1/21.5	16028
1999 BE ₂₈	2001 09 21.8	23 55.84	-14 36.7	17.1	-0.72	- 9.7	6.4/16.2	16031	5054 T-2	2001 09 22.4	23 58.29	+13 39.4	17.3	-0.88	- 5.5	5.4/27.2	16169
1993 FP ₅₂	2001 09 21.8	23 55.94	-04 10.1	18.4	-0.99	- 5.2	1.4/20.7	1413	2001 OU ₅₈	2001 09 22.4	23 58.37	+03 11.3	17.6	-0.98	- 2.3	1.1/23.5	15889
1998 FD	2001 09 21.8	23 55.95	+01 19.5	17.9	-0.79	- 4.5	0.5/22.4	16016	2000 FW ₆	2001 09 22.5	23 58.30	+02 02.6	20.4	-0.98	- 6.1	0.9/23.2	5728
1999 BU ₇	2001 09 21.8	23 55.98	-16 44.8	19.1	-0.81	- 5.8	5.2/16.2	16030	1999 BF ₁₀	2001 09 22.5	23 58.35	-08 11.1	18.5	-0.83	- 7.3	2.7/19.7	15617
1998 VS ₄₄	2001 09 21.8	23 55.98	-06 29.2	18.2	-0.94	- 6.5	2.4/19.9	15603	2000 FQ ₂₀	2001 09 22.5	23 58.35	-07 54.5	19.8	-0.90	- 6.7	2.7/20.0	741
2000 EN ₁₃₂	2001 09 21.8	23 56.09	+00 41.0	20.1	-1.02	- 4.1	0.4/22.2	10955	2000 EJ ₁₇	2001 09 22.5	23 58.40	+03 10.0	18.7	-0.93	- 6.2	1.2/23.6	15065
2000 EO ₁₃₇	2001 09 21.8	23 56.09	-13 08.5	17.1	-0.77	- 9.5	4.6/17.1	15721	2000 GB ₆₉	2001 09 22.5	23 58.53	-07 48.9	18.3	-0.96	- 3.6	2.8/20.3	1601
2000 DW ₆₆	2001 09 21.8	23 56.13	+00 51.0	17.6	-0.98	- 5.2	0.6/22.3	15692	2001 OZ ₁₀₆	2001 09 22.6	23 58.66	+09 23.7	16.6	-0.93	- 1.7	4.3/25.4	15930
4128 P-L	2001 09 21.8	23 56.19	+02 41.4	18.3	-0.70	- 7.5	0.9/23.0	16167	1992 SB ₁₀	2001 09 22.6	23 58.84	-00 00.4	18.8	-0.77	- 7.4	0.0/22.7	16001
2000 CV ₄₅	2001 09 21.9	23 56.20	+06 07.7	18.2	-0.95	- 8.0	2.8/24.1	16049	1997 SW ₂₀	2001 09 22.6	23 58.89	-10 20.0	19.5	-1.00	- 1.1	3.7/19.8	16011
2000 CQ ₅₃	2001 09 21.9	23 56.28	+04 17.2	16.9	-1.00	- 5.6	1.9/23.4	16049	1998 HL ₁₄	2001 09 22.6	23 58.90	-31 14.1	17.3	-0.92	- 0.6	8.5/12.3	15030
1997 ST ₂₀	2001 09 21.9	23 56.38	-10 12.0	20.2	-0.99	- 1.8	3.4/19.1	31012	1999 CR ₈₅	2001 09 22.6	23 58.99	-14 40.1	18.0	-0.94	- 5.8	5.4/17.8	16034
2000 JT ₅₅	2001 09 21.9	23 56.48	+16 41.1	19.2	-0.72	- 7.9	4.9/28.7	2780	2000 JX ₄₀	2001 09 22.6	23 59.01	-03 58.4	17.4	-0.83	- 6.3	1.8/21.4	16079
1998 WY ₂₆	2001 09 21.9	23 56.49	+04 45.7	20.1	-0.85	- 5.5	1.6/23.7	4423	1999 AP ₈	2001 09 22.6	23 59.05	-12 17.9	18.0	-0.94	- 7.6	4.5/18.5	16029
2000 GA ₁₁₅	2001 09 21.9	23 56.50	-05 44.1	17.0	-0.92	- 4.4	2.3/20.3	15756	1998 YG	2001 09 22.7	23 59.11	+01 35.2	18.3	-0.82	- 5.6	0.5/23.3	16028
1999 CZ	2001 09 21.9	23 56.50	-06 45.6	17.3	-0.98	- 5.3	2.7/20.0	15620	2000 EW ₁₆	2001 09 22.7	23 59.12	+02 09.5	18.8	-0.96	- 5.8	0.8/23.4	15702
1997 PD	2001 09 21.9	23 56.50	+25 53.5	16.8	-1.03	- 4.1	11.6/02.0	16010	1997 WY ₁₀	2001 09 22.7	23 59.13	+00 05.2	19.8	-0.83	- 5.1	7.9/03.0	6761
1981 EJ ₄₇	2001 09 21.9	23 56.57	-02 24.6	18.7	-0.85	- 8.2	0.7/21.3	1404	1996 VS ₁	2001 09 22.7	23 59.14	-42 50.9	16.4	-1.67	+ 4.4	19.1/09.9	1420
2000 HG ₅₈	2001 09 22.0	23 56.54	-00 36.6	19.4	-0.91	- 5.9	0.1/21.9	16075	1999 CY ₂	2001 09 22.7	23 59.14	+02 43.0	16.9	-0.90	- 5.2	1.3/23.6	16031
1998 YH ₃₀	2001 09 22.0	23 56.65	-31 27.7	17.7	-0.83	- 7.6	9.9/09.3	16029	2001 OE ₂₁	2001 09 22.7	23 59.26	-03 35.6	17.1	-0.74	- 9.8	1.5/21.4	15869
2000 FM ₂₆	2001 09 22.0	23 56.71	-04 26.3	17.9	-0.89	- 7.6	1.5/20.7	16061	2000 GA ₁₂₆	2001 09 22.7	23 59.37	+07 37.6	17.3	-0.80	-10.9	2.8/25.7	15758
1979 MG ₃	2001 09 22.0	23 56.72	+13 48.0	17.0	-0.77	- 4.7	4.5/27.0	15996	2000 EL ₁₃₂	2001 09 22.7	23 59.38	+02 00.3	17.9	-0.98	- 3.9	0.9/23.4	15720
2000 JP ₄₀	2001 09 22.0	23 56.75	-23 25.6	19.0	-0.93	- 0.5	7.4/15.4	15796	2000 FF ₄₁	2001 09 22.7	23 59.39	-03 22.8	17.3	-0.87	- 7.8	1.2/21.7	16062
1997 GP ₂₂	2001 09 22.0	23 56.76	-32 32.3	19.5	-1.52	+ 5.9	13.1/16.1	9057	2000 EE ₉₂	2001 09 22.7	23 59.39	+04 45.1	18.3	-1.00	- 4.8	1.8/24.3	16057
1999 CK ₄₆	2001 09 22.0	23 56.76	+04 05.0	17.6	-0.78	- 3.4	1.2/23.5	16033	2000 GD ₇₆	2001 09 22.8	23 59.45	-04 26.6	18.1	-0.98	- 4.2	1.6/21.5	1603
1999 FA ₃₄	2001 09 22.0	23 56.87	-16 08.8	18.0	-0.97	+ 0.3	4.7/17.7	15637	2001 OH ₁₀₅	2001 09 22.8	23 59.50	+16 59.3	16.7	-0.92	- 3.7	6.1/28.3	15929
2000 DU ₆₈	2001 09 22.0	23 56.91	+02 58.5	17.0	-1.03	- 4.0	1.4/23.1	16052	2000 GM ₄₀	2001 09 22.8	23 59.68	+03 10.0	17.6	-0.83	- 8.6	1.2/24.0	756
2000 GY ₁₀₇	2001 09 22.1	23 56.86	-06 24.1	18.7	-0.91	- 5.4	2.1/20.2	1610	6196 P-L	2001 09 22.8	23 59.73	+03 16.8	18.2	-0.71	- 7.7	1.0/24.1	16167
2000 FE ₃₃	2001 09 22.1	23 57.26	-10 01.9	18.6	-1.03	- 3.4	3.8/19.3	40240	2000 JD ₆₆	2001 09 22.8	23 59.80	-22 14.9	16.9	-0.83	- 6.6	8.4/14.6	16080
1999 CY ₃₇	2001 09 22.1	23 57.27	+14 00.3	18.9	-0.88	- 2.1	4.2/26.7	16032	4342 T-1	2001 09 22.9	00 00.01	-07 08.9	18.6	-0.91	- 4.5	2.5/20.7	34060
2001 QJ ₂₅	2001 09 22.1	23 57.29	-02 32.0	17.9	-0.88	- 5.5	0.8/21.5	15970	1994 EP ₆	2001 09 22.9	23 59.82	-09 58.1	18.9	-0.79	- 7.4	3.0/19.3	16003
1997 WB ₁	2001 09 22.2	23 57.22	-00 13.2	17.7	-0.87	- 4.6	0.0/22.2	16013	1981 ED ₁₁	2001 09 22.9	23 59.86	+09 02.7	17.7	-1.02	- 3.6	3.6/25.7	15996
2000 KP ₆₁	2001 09 22.2	23 57.36	+14 29.7	18.9	-0.69	- 8.2	4.7/28.0	2790	1999 BQ ₁₁	2001 09 22.9	23 59.92	+35 24.2	17.2	-1.54	+ 6.4	13.7/01.6	15617
2000 GN ₉₀	2001 09 22.2	23 57.42	-09 42.9	18.4	-0.94	- 7.0	3.4/19.1	1606	2000 GH ₁₅₉	2001 09 22.9	23 59.94	+12 55.7	17.6	-0.98	- 4.0	4.9/27.1	16071
1996 VB ₁₅	2001 09 22.2	23 57.42	-04 46.6	19.0	-0.76	- 4.2	1.4/20.8	9685	1998 YV ₂₁	2001 09 22.9	23 59.95	+18 28.3	18.0	-0.91	- 3.7	5.7/29.1	16028
2000 JZ ₃₅	2001 09 22.2	23 57.48	+18 13.2	17.7	-0.72	- 7.6	5.9/29.5	15795	1999 YH ₅	2001 09 22.9	23 59.97	-33 33.8	19.9	-1.02	- 6.4	10.2/10.8	694
2000 GV ₁₆₁	2001 09 22.2	23 57.58	-07 18.6	18.3	-0.70	-11.1	2.6/19.5	15763	1981 ET ₃₉	2001 09 23.0	00 00.15	+03 03.6	18.8	-0.77	- 3.8	0.9/24.0	32739
2000 FW ₁₅	2001 09 22.2	23 57.60	-10 51.1	19.0	-0.89	- 5.3	3.5/18.9	740	2000 EX ₆₁	2001 09 23.0	00 00.28	+01 17.4	17.6	-0.92	- 7.2	0.5/23.5	16056
1993 OC	2001 09 22.2	23 57.62	+43 46.3	17.2	-1.31	+ 2.6	18.1/10.6	15565	1992 EE ₁₇	2001 09 23.0	00 00.50	-02 29.5	18.4	-0.88	- 6.5	0.9/22.2	16000
2000 JY ₈₃	2001 09 22.3	23 57.65	-08 16.1	20.3	-0.91	- 5.9	2.6/19.7	5765	2000 CO ₅₈	2001 09 23.1	00 00.45	-15 20.9	17.6	-0.95	- 4.5	5.5/18.3	15676
2000 LK ₁	2001 09 22.3	23 57.71	-19 21.1	18.2	-0.77	- 4.8	6.4/15.6	15814	2000 EE ₁₅	2001 09 23.1	00 00.47	+04 45.2	19.6	-0.79	-10.1	1.6/24.9	3929
1998 TJ ₂₄	2001 09 22.3	23 57.77	+00 20.5	20.8	-1.00	- 6.9	0.2/22.5	3262	1999 DG ₂	2001 09 23.1	00 00.66	-06 37.7	16.1	-1.11	+ 1.4	2.9/21.5	15633
1999 AO ₂₄	2001 09 22.3	23 57.77	+04 25.8	18.0	-0.81	- 4.0	1.5/23.9	15614	1999 FO ₃₄	2001 09 23.1	00 00.75	-02 52.2	18.5	-0.71	- 5.7	0.8/22.1	16036

2000 FT ₄₄	2001 09 23.1	00 00.86	-11 07.8	18.9	-1.00	- 4.3	4.4/19.8	16062	1998 UV ₁₉	2001 09 23.9	00 03.47	-08 12.4	17.3	-1.05	- 3.8	3.4/21.4	16023
4318 T-2	2001 09 23.2	00 00.82	-04 04.1	18.8	-0.91	- 7.4	1.5/21.8	16169	2000 HF ₅₃	2001 09 23.9	00 03.51	+00 03.1	18.9	-0.91	- 6.3	0.1/23.8	5752
1999 AB ₁₆	2001 09 23.2	00 00.87	+03 17.5	21.9	-0.86	- 5.2	1.0/24.3	35730	1996 VD ₆	2001 09 24.0	00 03.68	+03 16.6	17.3	-0.71	- 5.8	0.9/25.0	16008
2000 HS ₈₈	2001 09 23.2	00 00.96	+05 20.4	18.0	-0.94	- 4.8	1.9/24.9	16076	2000 GL ₁₂₇	2001 09 24.0	00 03.75	-22 59.9	18.5	-0.87	- 4.6	7.9/16.1	1614
2000 EB ₁₁₇	2001 09 23.2	00 01.02	+07 41.0	18.0	-0.78	- 8.8	2.3/26.0	15718	1997 WD ₁₅	2001 09 24.0	00 03.76	-06 10.2	17.4	-0.84	- 4.0	2.0/21.9	16013
2000 JZ ₆₅	2001 09 23.2	00 01.08	-46 04.0	18.3	-1.02	+ 0.6	13.6/08.0	2781	2001 OF ₉₅	2001 09 24.0	00 03.95	-11 46.3	16.4	-0.53	-16.5	5.5/18.5	15919
2000 ET ₁₃₄	2001 09 23.2	00 01.11	-05 35.0	19.1	-1.03	- 3.7	2.1/21.6	11778	1999 BV ₁₄	2001 09 24.0	00 04.03	-00 26.7	18.8	-0.87	- 5.3	0.3/23.8	16030
1999 AY ₃₀	2001 09 23.2	00 01.13	-24 27.5	17.0	-0.57	- 9.1	11.3/12.5	16030	2000 KQ ₇₀	2001 09 24.0	00 04.09	+01 26.9	19.2	-0.95	- 4.6	0.3/24.4	2553
1981 EC ₁₂	2001 09 23.2	00 01.13	+09 25.6	18.5	-0.92	- 6.0	3.3/26.3	15996	2000 JG ₆₄	2001 09 24.1	00 04.14	-10 02.5	18.3	-0.89	- 4.7	3.4/20.8	16080
2330 T-2	2001 09 23.2	00 01.14	-00 29.5	17.9	-0.93	- 4.1	0.2/23.1	16169	2000 HW ₆₄	2001 09 24.1	00 04.28	+05 37.3	19.8	-0.91	- 7.1	1.8/25.9	16075
2000 HH ₇₃	2001 09 23.2	00 01.19	-00 46.2	16.2	-0.62	-19.9	0.3/22.9	15782	2000 GJ ₁	2001 09 24.1	00 04.35	-11 07.5	18.5	-0.99	- 2.2	4.7/20.9	15736
2001 OO ₉₆	2001 09 23.2	00 01.24	+11 12.5	16.2	-0.87	- 5.7	4.7/27.0	15921	2000 HZ ₁	2001 09 24.1	00 04.45	-11 15.4	19.5	-0.88	- 4.8	3.7/20.4	16071
1999 JZ ₅₂	2001 09 23.3	00 01.22	-04 19.2	19.2	-0.74	- 3.7	1.1/21.8	15048	2000 DY ₆₄	2001 09 24.2	00 04.50	-02 29.9	18.3	-0.86	- 9.9	1.2/23.2	16052
2000 GP ₉₈	2001 09 23.3	00 01.27	+05 30.5	18.2	-0.94	- 7.0	2.1/25.1	16068	1997 GA ₂₃	2001 09 24.2	00 04.53	+00 31.4	17.0	-0.83	- 8.8	0.0/24.2	16009
2000 GW ₃₈	2001 09 23.3	00 01.30	+02 02.7	19.1	-0.81	- 9.1	0.7/24.0	15740	2001 QD ₁₂₀	2001 09 24.2	00 04.56	-05 39.9	17.2	-0.84	- 5.0	2.5/22.2	15985
1998 XK ₁₁	2001 09 23.3	00 01.35	+06 25.3	17.0	-0.95	- 4.6	2.7/25.3	16026	2000 LR ₁₆	2001 09 24.2	00 04.56	-03 34.0	18.0	-0.91	- 8.2	1.5/22.8	16084
2001 OL ₉₆	2001 09 23.3	00 01.44	+01 15.0	16.3	-0.69	-12.7	0.4/23.8	15921	2000 FS ₉	2001 09 24.2	00 04.58	-01 01.3	17.4	-0.88	- 4.4	0.7/23.8	40221
2000 GA ₁₃₄	2001 09 23.3	00 01.51	-10 24.8	18.7	-0.92	- 6.3	3.6/19.9	16069	2000 GG ₁₀₄	2001 09 24.2	00 04.58	-03 11.2	18.3	-0.91	- 6.6	1.3/23.0	16068
1999 CQ ₁₁	2001 09 23.3	00 01.63	+40 25.7	18.7	-1.53	+ 8.9	18.7/01.1	3903	4721 P-L	2001 09 24.2	00 04.72	-00 10.6	18.5	-0.84	- 4.6	0.2/24.1	34060
1999 AH ₁₈	2001 09 23.4	00 01.61	-16 30.3	18.3	-0.80	- 6.9	4.8/17.4	16029	1999 CH ₄	2001 09 24.2	00 04.75	+02 04.3	21.2	-0.89	- 4.8	0.5/24.8	34602
2000 JZ ₁₉	2001 09 23.4	00 01.96	+04 51.9	16.8	-0.95	- 3.0	1.8/24.9	16077	1999 EQ ₁	2001 09 24.2	00 04.77	+06 31.9	18.2	-0.87	- 2.4	2.0/26.1	16035
2001 QH ₂₅	2001 09 23.5	00 01.89	-09 50.8	16.7	-0.89	- 6.2	4.9/20.1	15970	2000 JD ₁₈	2001 09 24.3	00 04.80	-10 53.9	19.0	-0.71	- 6.1	3.2/20.3	16077
2000 GS ₇₃	2001 09 23.5	00 01.89	+01 05.2	18.7	-0.85	- 4.9	0.3/23.8	16066	2000 LR ₁₃	2001 09 24.3	00 04.80	-03 59.7	17.6	-0.69	- 7.4	1.3/22.7	16084
2000 JZ ₇₂	2001 09 23.5	00 01.91	-10 19.3	19.2	-0.88	- 7.2	3.8/19.9	10959	1999 GM ₆₁	2001 09 24.3	00 04.82	-03 59.4	18.4	-0.74	- 3.9	1.3/22.8	15641
2001 OS ₈₀	2001 09 23.5	00 01.99	+22 58.6	16.5	-0.95	- 3.2	7.7/30.9	15908	2000 HP ₃₅	2001 09 24.3	00 04.84	-13 53.3	17.2	-0.81	- 7.2	6.3/19.1	16073
2001 OO ₁₃	2001 09 23.5	00 02.10	-11 48.7	16.2	-0.72	- 5.6	5.8/19.2	15864	2000 JC ₆₅	2001 09 24.3	00 04.89	+02 12.9	17.3	-0.69	- 8.3	0.6/25.0	15800
2000 KU ₅₆	2001 09 23.5	00 02.13	-17 16.6	18.1	-0.76	- 4.8	5.4/17.5	16083	2000 EG	2001 09 24.3	00 04.91	+03 45.2	18.5	-1.01	- 5.5	1.2/25.3	16054
2000 EB ₁₃₅	2001 09 23.5	00 02.19	-06 15.4	18.0	-0.93	- 5.9	2.4/21.5	16059	1981 EO ₃₂	2001 09 24.3	00 05.02	+07 17.8	19.4	-0.82	- 5.2	2.3/26.6	15997
1998 XC ₇₄	2001 09 23.5	00 02.23	-05 05.8	17.7	-1.01	- 5.0	2.1/21.9	16027	2000 JC ₄₁	2001 09 24.3	00 05.06	+00 10.8	19.5	-0.89	- 6.3	0.1/24.2	10959
1999 LY ₅	2001 09 23.5	00 02.23	+16 06.0	20.9	-0.67	- 6.9	3.2/29.5	36543	2000 GX ₁₁₃	2001 09 24.3	00 05.14	+05 50.3	18.2	-0.84	- 4.6	1.8/26.1	15077
2000 JX ₄₅	2001 09 23.5	00 02.27	-00 36.7	18.7	-0.75	- 5.3	0.3/23.3	16079	1998 WX ₁₈	2001 09 24.3	00 05.15	-10 38.2	17.9	-1.02	- 4.2	4.8/20.9	1058
2000 HK ₁₀₂	2001 09 23.6	00 02.29	+05 12.2	17.2	-0.76	-11.6	1.8/25.5	15787	2000 JW ₆₉	2001 09 24.3	00 05.17	-15 53.3	20.7	-0.78	- 7.1	4.9/18.5	10959
1998 XF ₇₂	2001 09 23.6	00 02.37	+05 51.5	16.9	-1.05	- 3.0	2.2/25.2	16027	2000 LJ ₇	2001 09 24.3	00 05.20	-11 21.7	19.6	-0.84	- 6.0	3.8/20.4	15815
2000 GK ₅₂	2001 09 23.6	00 02.37	-04 33.6	17.7	-1.02	- 4.0	1.9/22.2	1598	2000 GD ₁₄₂	2001 09 24.4	00 05.26	-12 06.7	16.7	-0.68	-11.1	4.9/19.4	16070
1996 ET ₂	2001 09 23.6	00 02.46	+01 14.8	18.6	-0.91	- 7.4	0.4/24.0	9044	2000 QQ ₈₄	2001 09 24.4	00 05.28	+19 13.2	18.1	-0.55	- 2.2	3.6/01.1	5000
1993 FN ₁₇	2001 09 23.6	00 02.51	-04 27.2	19.1	-0.69	- 7.3	1.2/21.9	6712	2000 HH ₅₃	2001 09 24.4	00 05.35	-19 34.7	16.8	-0.91	- 0.5	7.4/18.5	16074
2000 GY ₅₂	2001 09 23.6	00 02.58	-01 18.7	17.0	-1.06	- 3.5	0.7/23.2	16065	1999 FQ ₁₉	2001 09 24.4	00 05.53	+11 36.3	23.7	-0.71	- 4.1	2.3/28.3	35087
2000 EK ₁₂₉	2001 09 23.6	00 02.67	-03 17.9	18.5	-1.01	- 4.1	1.3/22.6	732	1997 YJ ₁₈	2001 09 24.5	00 05.49	+00 58.3	17.6	-0.81	- 4.5	0.1/24.6	15591
2000 AW ₂₀₂	2001 09 23.6	00 02.70	-14 25.5	18.6	-0.98	- 5.8	5.5/19.0	15663	2000 FP ₄₅	2001 09 24.5	00 05.49	-06 57.0	17.4	-0.81	- 8.0	2.7/21.9	16062
2000 GR ₁₃₄	2001 09 23.7	00 02.65	-10 27.4	18.4	-1.03	- 4.0	4.2/20.5	2770	1999 CJ ₈	2001 09 24.5	00 05.59	-11 12.3	17.0	-0.73	- 6.5	3.6/20.3	16031
1997 WK ₁	2001 09 23.7	00 02.82	+06 20.1	17.8	-0.86	- 4.1	2.2/25.7	15588	2000 GC ₁₂₄	2001 09 24.5	00 05.66	-11 16.9	18.3	-0.91	- 5.8	4.3/20.6	14875
2001 OE ₉₈	2001 09 23.7	00 02.87	+15 35.5	16.9	-0.76	- 5.1	5.0/29.1	15923	1982 KA	2001 09 24.5	00 05.71	-44 54.0	17.7	-1.19	+ 1.6	17.5/10.4	15001
1998 BP ₇	2001 09 23.7	00 02.90	-00 38.0	18.4	-0.75	- 5.4	0.3/23.4	16014	2001 OZ ₁₀₇	2001 09 24.5	00 05.77	+17 37.6	17.0	-0.81	- 3.1	5.9/30.3	15932
1998 WJ	2001 09 23.8	00 03.10	+05 45.5	18.8	-0.90	- 7.8	2.3/25.7	15038	1997 RT ₃	2001 09 24.5	00 05.81	-01 29.0	18.8	-0.88	- 4.3	0.7/23.9	16011
3023 P-L	2001 09 23.8	00 03.10	+14 12.4	17.7	-0.84	- 7.0	4.6/28.7	15986	2001 OE ₁₀₇	2001 09 24.5	00 05.89	+09 13.3	17.0	-1.01	- 3.8	3.6/27.2	15930
3288 T-2	2001 09 23.8	00 03.19	-02 37.3	18.8	-0.73	- 4.5	0.8/22.9	16169	2000 HU ₃₄	2001 09 24.5	00 05.92	-13 07.2	18.6	-0.97	- 4.9	5.1/20.2	3580
2000 DW ₇₆	2001 09 23.8	00 03.21	+02 32.4	17.5	-0.98	- 5.8	0.9/24.5	16053	2001 OC ₄₃	2001 09 24.6	00 06.01	+16 00.9	16.0	-0.95	- 3.1	6.3/29.4	15880
1988 CP	2001 09 23.8	00 03.23	+08 19.0	17.9	-1.03	- 2.7	2.6/26.2	15997	2000 JD ₅₄	2001 09 24.6	00 06.01	+08 37.8	18.1	-0.99	- 5.8	3.0/27.2	15084
2000 HS ₅₀	2001 09 23.8	00 03.35	-04 22.0	18.4	-0.93	- 5.5	1.6/22.4	16074	2000 HM ₁₃	2001 09 24.6	00 06.08	-08 52.1	18.4	-0.86	- 2.4	3.1/21.8	15768
2000 CS ₉₁	2001 09 23.8	00 03.35	+05 22.5	17.7	-1.07	- 2.9	2.0/25.3	15682	2000 HO ₄₅	2001 09 24.6	00 06.09	-13 13.0	16.8	-0.97	- 2.0	6.4/20.5	16074
2000 AX ₉₇	2001 09 23.8	00 03.40	+26 50.5	17.1	-1.67	+ 6.7	13.4/29.0	15658	2000 JS ₃₃	2001 09 24.6	00 06.20	+12 17.3	18.5	-0.95	- 5.9	4.4/28.5	16079

2367 T-3	2001 09 24.6	00 06.23 +08 45.9 18.3	-0.95 - 6.6	3.1/27.3	1668	2001 OQ ₄	2001 09 25.6	00 09.68 -09 16.2 19.2	-1.07 - 3.0	4.3/22.7	15859
2001 QZ ₂₁	2001 09 24.6	00 06.27 -00 52.4 17.3	-0.99 - 3.4	0.6/24.2	15968	1998 XA ₄₇	2001 09 25.6	00 09.68 +09 24.4 17.2	-0.99 - 5.3	3.5/28.0	16027
1996 XV ₂₂	2001 09 24.7	00 06.47 -19 15.4 19.2	-0.74 - 4.6	6.5/17.6	15580	1997 YX ₁₁	2001 09 25.6	00 09.71 +14 35.4 18.0	-0.75 - 5.4	4.0/30.4	16014
1979 MC ₉	2001 09 24.7	00 06.49 +01 07.5 18.8	-0.93 - 7.2	0.2/24.9	39511	2000 EU ₇	2001 09 25.6	00 09.74 -04 07.5 17.4	-0.92 - 7.0	2.3/24.0	15700
2000 HQ ₅₇	2001 09 24.7	00 06.50 +02 44.1 16.7	-0.81 -10.0	0.9/25.5	16075	1998 SD ₇₁	2001 09 25.6	00 09.85 -03 09.6 18.1	-1.00 - 5.9	1.9/24.4	16021
1999 FB ₄	2001 09 24.7	00 06.55 -03 26.8 18.4	-0.77 - 7.0	1.5/23.3	16036	2000 CG ₅₁	2001 09 25.7	00 09.83 +09 19.2 18.3	-1.01 - 6.5	3.3/28.4	4555
1991 GM ₇	2001 09 24.7	00 06.58 +10 45.3 18.9	-0.78 - 8.5	3.0/28.5	15999	2001 PM ₈	2001 09 25.7	00 09.84 -30 33.7 17.9	-0.83 -17.9	13.8/10.8	15940
2308 T-1	2001 09 24.8	00 06.73 -02 18.6 18.8	-1.03 - 3.5	1.1/24.0	581	2000 KJ	2001 09 25.7	00 09.85 +00 24.6 20.0	-0.89 - 6.2	0.2/25.5	7035
1997 LF ₄	2001 09 24.8	00 06.78 +15 48.8 19.0	-0.96 - 7.7	5.4/30.2	16010	1998 VT ₃₃	2001 09 25.7	00 09.86 +08 07.7 17.5	-1.03 - 3.5	3.1/27.8	34310
1996 TP ₁₀	2001 09 24.8	00 06.85 -16 44.4 16.3	-0.80 - 3.5	5.2/19.1	15579	1994 ST ₉	2001 09 25.7	00 09.98 +00 19.4 18.3	-0.91 - 7.7	0.3/25.5	15007
2000 FX ₃₉	2001 09 24.8	00 06.86 -07 50.9 19.1	-1.03 - 4.3	3.2/22.3	15072	2000 FC ₄₀	2001 09 25.7	00 09.99 -08 37.1 18.8	-1.01 - 3.9	3.6/22.9	2447
1997 TK ₁₁	2001 09 24.8	00 06.87 +00 43.7 18.3	-1.00 - 1.7	0.0/24.9	16011	1999 FU	2001 09 25.7	00 10.16 +02 07.4 18.0	-0.78 - 4.7	0.3/26.1	16036
2001 OK ₇₄	2001 09 24.8	00 06.94 +02 25.0 17.2	-1.05 + 2.2	0.7/25.3	15903	1994 GD ₂	2001 09 25.7	00 10.17 -03 15.8 19.3	-0.72 - 6.6	1.4/24.2	23678
1990 KJ	2001 09 24.8	00 06.99 -44 29.9 16.5	-1.11 0.0	18.3/08.5	15998	2000 CL ₃₀	2001 09 25.7	00 10.20 -22 20.5 19.6	-0.85 - 9.7	6.9/17.1	14818
2000 HC ₈₃	2001 09 24.9	00 07.02 -10 39.1 19.2	-1.06 - 3.5	4.6/21.5	1321	1997 NN ₁	2001 09 25.8	00 10.22 -06 49.9 18.4	-0.87 - 8.6	3.2/23.0	16010
2001 OH ₇₃	2001 09 24.9	00 07.05 +05 52.3 17.0	-1.01 - 0.5	2.6/26.3	15902	2000 GL ₁₄₅	2001 09 25.8	00 10.23 -05 45.2 18.4	-0.80 -10.2	2.9/23.3	4952
4194 T-2	2001 09 24.9	00 07.08 -02 56.0 18.7	-0.79 - 6.2	1.2/23.7	16169	2001 OL ₇₄	2001 09 25.8	00 10.25 -04 19.7 16.8	-0.91 - 2.0	1.9/24.2	15903
1999 XK ₃₃	2001 09 24.9	00 07.16 -41 51.7 19.0	-1.13 - 6.7	17.2/08.0	39558	2001 PS ₁₂	2001 09 25.8	00 10.26 -14 24.8 16.8	-0.77 - 5.4	6.2/20.4	15943
1998 BC ₁₂	2001 09 24.9	00 07.30 -16 24.9 16.7	-0.74 - 5.4	5.1/18.9	16014	1997 VL ₈	2001 09 25.8	00 10.26 -01 59.6 17.7	-0.91 - 2.8	1.4/24.9	16013
2000 FV ₆₀	2001 09 25.0	00 07.36 -13 36.9 19.3	-0.92 - 5.3	5.6/20.4	3548	2000 KT ₅₀	2001 09 25.8	00 10.27 -17 03.0 17.3	-0.74 - 5.5	5.9/19.3	15809
2001 OV ₈₀	2001 09 25.0	00 07.40 +26 20.4 17.1	-0.98 - 4.3	10.4/04.7	15908	1989 CH	2001 09 25.8	00 10.39 -15 34.3 17.7	-0.74 - 6.9	4.5/19.7	15998
2000 GZ ₁₃₃	2001 09 25.0	00 07.47 -04 12.2 16.2	-0.66 -13.4	2.0/23.0	15759	1998 BP ₂₉	2001 09 25.8	00 10.44 +10 02.0 18.3	-0.81 - 3.1	2.9/28.7	16015
4101 P-L	2001 09 25.0	00 07.54 +04 21.1 18.6	-0.93 - 5.6	1.2/26.2	16167	1031 T-2	2001 09 25.8	00 10.54 +00 50.5 18.1	-0.77 -10.7	0.1/25.8	16168
6026 P-L	2001 09 25.0	00 07.56 +04 19.9 19.2	-0.75 - 8.8	1.2/26.4	3838	2001 OE ₄₂	2001 09 25.8	00 10.54 +04 55.1 18.1	-0.82 - 6.3	1.5/27.2	15880
1999 BU ₆	2001 09 25.0	00 07.56 -03 41.3 19.3	-0.97 - 2.3	1.3/23.8	35443	1998 XH ₉₆	2001 09 25.8	00 10.55 -13 15.6 17.4	-0.79 - 6.1	4.7/20.9	16028
2000 JD ₆₀	2001 09 25.0	00 07.57 +08 14.2 19.1	-0.88 - 5.5	2.5/27.5	5764	1999 FC ₄₃	2001 09 25.8	00 10.56 -06 17.8 16.5	-0.79 - 7.5	2.3/23.3	15638
1998 XZ ₁₈	2001 09 25.0	00 07.62 -06 15.5 18.8	-0.95 - 5.8	2.6/22.8	1436	1999 GG ₃₁	2001 09 25.9	00 10.63 -00 35.7 18.9	-0.74 - 5.2	0.5/25.3	16037
2001 OG ₇₃	2001 09 25.0	00 07.68 -08 35.8 16.7	-0.74 - 8.6	3.4/21.6	15902	2000 GA ₁₅₇	2001 09 25.9	00 10.64 +11 27.4 17.4	-0.93 - 6.5	3.9/29.4	16070
2000 EX ₆₈	2001 09 25.1	00 07.66 -00 56.6 19.1	-0.91 - 6.5	0.6/24.5	724	2000 HE ₅₂	2001 09 25.9	00 10.71 +06 36.6 17.2	-0.84 - 7.6	2.4/27.8	15779
1998 XG ₉	2001 09 25.1	00 07.67 -05 15.5 18.6	-0.92 - 5.3	2.1/23.2	16026	1998 XZ ₄₁	2001 09 25.9	00 10.73 -00 41.2 17.9	-0.97 - 5.7	0.8/25.4	1061
1993 FK ₇₄	2001 09 25.1	00 07.74 +01 11.3 16.4	-0.90 - 4.7	0.2/25.2	16002	1999 GJ ₃₆	2001 09 25.9	00 10.77 +09 23.4 18.2	-0.73 - 6.4	2.5/28.9	16037
2001 OC ₁₀₃	2001 09 25.1	00 07.90 +16 02.2 16.6	-0.77 - 4.7	5.7/30.5	15928	2000 HZ ₇₇	2001 09 25.9	00 10.82 +12 01.3 16.0	-0.80 - 7.5	5.3/29.9	16076
1997 MC ₄	2001 09 25.2	00 08.03 +13 10.0 17.1	-0.93 - 4.1	5.7/29.2	1921	1998 FL ₂₆	2001 09 25.9	00 10.91 +07 59.1 18.1	-0.98 + 0.2	2.1/27.8	15594
2000 GY ₂₆	2001 09 25.2	00 08.17 -00 22.1 17.8	-0.77 - 7.3	0.5/24.8	16064	2000 JU ₁₈	2001 09 26.0	00 10.93 -22 56.3 19.1	-0.84 - 5.1	8.0/17.6	15791
1997 OG ₁	2001 09 25.2	00 08.21 +36 34.4 19.7	-1.24 - 2.3	11.6/08.2	16010	1993 FJ ₃₈	2001 09 26.0	00 10.96 -01 04.9 18.6	-0.68 - 6.8	0.6/25.2	16002
2000 HO ₆₂	2001 09 25.2	00 08.24 -04 35.0 18.5	-0.87 - 6.0	1.9/23.4	2775	2000 CS ₆₆	2001 09 26.0	00 10.96 +01 11.6 17.1	-1.07 - 3.0	0.0/26.0	16049
1991 RZ ₁₄	2001 09 25.2	00 08.31 +01 30.2 16.8	-0.77 - 5.6	0.2/25.5	16000	2000 GD ₁₆₇	2001 09 26.0	00 11.01 +18 14.4 16.5	-0.73 -25.4	7.5/03.9	16071
2001 QA ₁₁₇	2001 09 25.3	00 08.46 +12 44.3 16.9	-1.00 - 2.0	4.2/28.8	15985	1991 VV ₁₂	2001 09 26.0	00 11.02 +07 59.8 16.9	-0.77 - 5.2	2.4/28.4	16000
2000 JJ ₁₈	2001 09 25.4	00 08.76 -23 48.7 18.8	-0.85 - 6.3	7.5/16.6	15791	2000 EQ ₄₈	2001 09 26.0	00 11.03 +02 11.5 18.5	-0.91 - 6.4	0.4/26.4	16055
1990 TQ ₃	2001 09 25.4	00 08.83 -06 09.7 18.3	-0.83 - 2.5	2.1/23.2	15999	2000 LO ₁₆	2001 09 26.0	00 11.04 -04 02.0 17.9	-0.90 - 7.4	1.9/24.3	16084
2000 JW ₉	2001 09 25.4	00 08.93 -15 01.7 18.6	-0.77 - 8.2	5.6/19.6	15789	2000 KC ₈₀	2001 09 26.0	00 11.07 -03 13.7 17.9	-0.89 - 7.5	1.5/24.5	15087
2000 KB ₂₆	2001 09 25.4	00 08.93 -08 19.1 16.4	-0.67 -11.9	3.8/21.7	15806	2000 JU ₁₅	2001 09 26.0	00 11.15 -04 41.3 16.9	-0.69 -11.5	2.3/23.8	15791
2000 KR ₆₁	2001 09 25.4	00 08.95 -06 49.2 17.2	-0.87 - 5.1	3.2/22.9	16083	2000 AK ₂₀₁	2001 09 26.0	00 11.22 -34 05.8 18.8	-1.06 -12.1	13.9/11.2	15662
1999 AC ₂₁	2001 09 25.4	00 08.98 +06 37.6 17.2	-1.02 - 2.2	2.5/27.1	16029	1996 DS ₆	2001 09 26.1	00 11.27 +05 50.3 17.5	-1.03 - 4.2	1.8/27.5	16006
2000 FO ₂	2001 09 25.4	00 09.04 +04 20.7 19.2	-0.88 - 8.9	1.3/26.7	14854	2000 HH ₇₈	2001 09 26.1	00 11.30 +15 17.4 16.9	-0.87 - 5.6	6.1/01.0	15783
1993 FE ₃₃	2001 09 25.4	00 09.10 -02 40.4 19.2	-0.94 - 6.7	1.4/24.3	1412	2000 HL ₅	2001 09 26.1	00 11.35 -17 48.9 19.1	-1.00 - 1.6	6.2/20.6	2503
2001 OV ₇₂	2001 09 25.5	00 09.23 +09 43.8 16.3	-0.96 + 0.9	4.5/28.0	16120	2000 KW ₄₆	2001 09 26.1	00 11.40 -06 08.4 18.8	-0.73 - 6.6	2.1/23.5	1375
1999 CC ₆₇	2001 09 25.5	00 09.37 +19 50.7 17.1	-0.90 - 5.0	6.3/02.0	16033	4107 T-3	2001 09 26.1	00 11.53 -03 30.4 18.0	-0.91 - 8.0	1.8/24.5	16170
2000 GF ₁₀₅	2001 09 25.5	00 09.40 -04 48.9 18.5	-0.97 - 6.6	2.2/23.7	7521	2001 QA ₆₅	2001 09 26.1	00 11.58 -11 09.7 17.0	-0.90 - 4.3	5.9/22.2	15979
2000 DP ₇₃	2001 09 25.5	00 09.44 +00 01.7 17.5	-0.99 - 4.7	0.4/25.3	3521	1997 WP ₃₇	2001 09 26.2	00 11.60 +04 13.6 17.2	-0.80 - 6.6	1.1/27.2	15589
2000 HR ₇₂	2001 09 25.5	00 09.47 -01 22.1 19.7	-1.04 - 3.1	0.9/24.9	7031	2000 GV ₉₁	2001 09 26.2	00 11.61 -11 22.7 19.1	-0.97 - 5.9	4.3/22.1	6271

2000 KA ₆₆	2001 09 26.2	00 11.66 +00 03.4 17.9	-0.74 -11.5	0.4/25.8	15812	1999 CE ₃₁	2001 09 26.8	00 14.19 -04 51.5 18.0	-0.93 - 6.2	2.6/24.8	16032
1996 BT ₁	2001 09 26.2	00 11.68 +00 17.3 17.5	-1.05 - 4.2	0.4/25.9	16006	2000 FP ₄₃	2001 09 26.9	00 14.13 -09 36.6 16.6	-0.79 - 9.6	4.9/22.8	16062
2000 JS ₃₈	2001 09 26.2	00 11.80 -21 51.5 17.0	-0.99 + 0.8	8.9/19.6	16079	1999 EE ₃	2001 09 26.9	00 14.18 +11 26.2 18.7	-0.73 - 6.8	2.9/30.5	15634
2000 JO ₁₃	2001 09 26.2	00 11.81 -04 15.2 19.6	-0.95 - 5.7	1.9/24.5	1329	1999 CY ₁₀₅	2001 09 26.9	00 14.19 -04 29.6 17.8	-0.82 - 9.7	2.7/24.7	16035
1997 MM ₄	2001 09 26.2	00 11.92 -09 40.0 17.1	-0.88 - 5.4	4.9/22.7	15584	2001 OQ ₂₃	2001 09 26.9	00 14.20 +09 33.3 18.1	-0.72 - 6.1	2.6/29.8	15871
1999 FB ₂₉	2001 09 26.2	00 11.93 +02 13.5 18.9	-0.65 - 8.6	0.2/26.6	35088	2000 HB ₅₅	2001 09 26.9	00 14.25 -02 05.0 18.5	-0.84 - 5.3	1.3/25.7	5753
2000 JL ₈₅	2001 09 26.2	00 11.98 +07 54.6 17.0	-1.00 - 2.1	2.8/28.2	15803	2000 GT ₂₄	2001 09 26.9	00 14.37 +06 43.2 17.8	-0.83 - 9.4	2.1/28.8	15073
2000 GQ ₁₅₉	2001 09 26.2	00 11.99 +07 35.4 19.7	-0.96 - 6.5	2.3/28.3	5746	1995 GA ₈	2001 09 26.9	00 14.47 +00 24.9 19.9	-0.85 - 4.5	0.3/26.6	34013
2001 OK ₄₂	2001 09 26.3	00 11.97 +06 00.4 18.6	-0.86 - 7.0	1.8/27.9	15880	1999 CU ₉₇	2001 09 26.9	00 14.53 -19 02.9 18.2	-0.89 - 4.9	7.1/19.9	16034
2000 HG ₆₉	2001 09 26.3	00 12.06 +04 39.8 17.9	-0.88 - 9.6	1.3/27.5	15081	1999 BO ₁₄	2001 09 26.9	00 14.54 +02 11.5 17.2	-1.09 - 1.9	0.3/27.2	16030
1999 JW ₁₀₃	2001 09 26.3	00 12.08 -03 53.0 18.0	-0.62 - 6.5	1.3/24.4	16040	2000 JM ₇₀	2001 09 27.0	00 14.50 +22 08.5 16.6	-1.03 - 3.6	8.2/03.9	15801
1997 YR ₈	2001 09 26.3	00 12.09 +03 01.5 18.0	-0.84 - 2.5	0.5/26.9	16014	2000 JG ₆₆	2001 09 27.0	00 14.57 -12 16.3 18.7	-0.80 - 5.9	4.1/22.3	3936
2000 GY ₆₉	2001 09 26.3	00 12.11 +02 09.7 18.5	-0.98 - 6.1	0.3/26.6	16066	2001 QT ₈₂	2001 09 27.0	00 14.59 +19 03.2 16.8	-1.05 0.0	7.2/01.9	15982
1999 AU ₄	2001 09 26.3	00 12.19 -07 14.0 19.1	-0.79 - 5.1	2.4/23.5	12145	2000 JN ₁₇	2001 09 27.0	00 14.61 -01 05.5 17.7	-0.75 - 6.3	0.9/26.1	16077
2000 KE ₅₂	2001 09 26.3	00 12.38 -06 54.7 17.9	-1.01 - 6.3	3.4/23.7	16083	2000 HN ₃₇	2001 09 27.0	00 14.68 -14 53.2 18.9	-0.87 - 7.6	5.5/21.2	5751
1999 BF ₆	2001 09 26.4	00 12.37 -00 45.1 18.5	-0.77 - 5.9	0.7/25.7	35731	1993 FF ₄	2001 09 27.1	00 14.87 -00 45.7 18.5	-0.77 - 4.5	0.7/26.3	15005
2309 T-2	2001 09 26.4	00 12.43 -05 00.9 16.6	-1.03 + 1.1	2.6/24.8	15989	1999 CQ	2001 09 27.1	00 14.94 -00 35.5 18.4	-0.98 - 4.9	0.9/26.4	13588
2001 OQ ₄₂	2001 09 26.4	00 12.47 -00 34.0 17.7	-0.63 - 7.7	0.6/25.7	15880	1999 GR ₂₃	2001 09 27.1	00 15.02 +01 09.9 18.9	-0.82 - 6.2	0.1/27.0	5527
2001 OV ₅₅	2001 09 26.4	00 12.55 -02 27.3 17.9	-0.69 - 9.2	1.2/25.0	16117	1999 AC ₂₀	2001 09 27.1	00 15.21 -02 59.1 18.3	-0.81 - 5.9	1.8/25.6	16029
1994 EV ₅	2001 09 26.4	00 12.57 -00 38.0 18.0	-0.92 - 1.9	0.7/25.9	16003	1996 JZ ₆	2001 09 27.1	00 15.21 -03 44.5 21.1	-0.88 - 5.6	1.9/25.4	169
2000 GV ₄₁	2001 09 26.4	00 12.59 +05 22.7 18.0	-0.90 - 8.3	1.5/28.0	16064	1998 XN ₇	2001 09 27.1	00 15.24 -04 01.1 17.7	-0.90 - 6.1	2.8/25.3	4923
2000 FP ₁₅	2001 09 26.4	00 12.71 +00 31.9 18.2	-1.08 - 4.4	0.3/26.2	16060	1999 CC ₆₅	2001 09 27.2	00 15.24 +25 45.3 16.4	-0.90 - 4.0	10.0/06.0	15627
2000 KM ₄₂	2001 09 26.5	00 12.73 +03 30.8 17.8	-0.76 -10.8	0.7/27.3	16083	1999 CM ₃₈	2001 09 27.2	00 15.26 -02 27.8 18.6	-0.81 - 5.8	1.2/25.8	9093
1992 EK ₉	2001 09 26.5	00 12.74 -04 52.2 19.5	-0.92 - 5.5	2.2/24.5	973	2000 GO ₅	2001 09 27.2	00 15.36 +07 53.8 18.5	-1.00 - 4.7	2.4/29.2	16063
2000 GV ₁₀₈	2001 09 26.5	00 12.75 -01 38.0 17.7	-0.90 - 8.6	1.2/25.5	16068	2000 HZ ₁₃	2001 09 27.2	00 15.43 +06 42.6 18.3	-0.94 - 7.2	2.0/28.9	15079
1999 JJ ₁₇	2001 09 26.5	00 12.96 -21 35.7 18.4	-0.78 - 4.2	6.5/18.3	16038	2000 EY ₉₄	2001 09 27.2	00 15.46 +09 12.0 18.8	-0.95 - 6.4	2.6/29.7	16057
1994 BF ₄	2001 09 26.6	00 13.06 -03 36.9 17.6	-0.78 - 6.5	1.6/24.9	16003	1995 FQ ₂₀	2001 09 27.2	00 15.49 -10 16.7 18.3	-0.94 - 1.8	3.8/23.8	14736
2001 OB ₇₁	2001 09 26.6	00 13.28 -03 42.5 16.3	-0.88 - 3.8	2.4/25.1	15900	1994 PH ₂₀	2001 09 27.2	00 15.50 +05 05.5 18.0	-0.98 - 4.5	1.6/28.3	16004
2000 GU ₅₅	2001 09 26.6	00 13.32 -03 27.9 17.7	-0.91 - 4.2	1.7/25.1	15744	1999 DQ ₇	2001 09 27.2	00 15.55 -06 53.5 18.6	-0.82 - 6.0	2.7/24.4	15046
1998 XY ₇₂	2001 09 26.6	00 13.32 +06 49.5 17.6	-1.02 - 3.8	2.1/28.3	16027	1314 T-2	2001 09 27.3	00 15.56 +01 32.5 17.4	-0.92 - 4.8	0.1/27.3	16168
2000 GG ₁₀₁	2001 09 26.6	00 13.35 +06 40.0 18.7	-1.01 - 3.7	1.9/28.2	5743	1994 PZ ₁₆	2001 09 27.3	00 15.60 -02 08.6 17.7	-0.84 - 9.8	1.7/25.9	16004
2001 OT ₉₈	2001 09 26.6	00 13.35 +14 29.5 16.7	-1.06 - 2.6	6.2/30.6	15924	2000 HS ₄₁	2001 09 27.3	00 15.77 -19 54.4 16.6	-0.83 - 6.4	7.5/19.5	16073
2000 GR ₇	2001 09 26.6	00 13.35 -08 48.8 18.0	-0.88 - 7.3	3.8/23.2	16063	2001 OD ₇₁	2001 09 27.3	00 15.78 -10 16.7 18.3	-0.63 -11.1	4.0/22.5	15900
2000 GB ₉₆	2001 09 26.7	00 13.40 +10 40.0 18.4	-0.93 - 7.2	3.4/29.8	16067	1999 CN ₃	2001 09 27.3	00 15.82 -03 58.3 18.0	-0.84 - 8.7	2.2/25.3	16031
2001 OG ₁₂	2001 09 26.7	00 13.42 -10 17.3 17.0	-0.71 - 7.1	3.8/22.4	15863	2000 GC ₆₅	2001 09 27.3	00 15.97 -00 12.1 19.5	-0.95 - 6.1	0.7/26.8	2468
2000 GX ₆₇	2001 09 26.7	00 13.44 +00 04.1 16.6	-0.87 - 7.7	0.6/26.2	16065	1994 PD ₁₃	2001 09 27.4	00 15.92 -05 06.1 16.5	-0.68 -12.4	3.2/24.7	16004
2000 JZ ₅₂	2001 09 26.7	00 13.45 +11 59.5 16.7	-0.90 - 7.2	4.2/30.3	15798	2000 HM ₄₄	2001 09 27.4	00 16.01 -07 12.2 19.4	-0.88 - 4.5	3.1/24.6	1630
2000 CB ₇₀	2001 09 26.7	00 13.46 +02 40.6 17.6	-0.91 - 8.7	0.5/27.1	16049	2000 JA ₃₇	2001 09 27.4	00 16.13 -05 25.4 17.3	-0.98 - 4.1	2.6/25.3	16079
1993 TL ₃₃	2001 09 26.7	00 13.46 +00 40.1 17.5	-0.78 - 9.3	0.3/26.4	16003	1998 TN ₁₀	2001 09 27.4	00 16.17 -03 44.0 18.9	-1.04 - 4.4	2.1/25.8	6219
1998 WH ₁₀	2001 09 26.7	00 13.55 -01 38.5 17.6	-0.98 - 5.1	1.3/25.8	16025	2000 JD ₆₅	2001 09 27.4	00 16.32 -07 53.0 18.5	-0.87 - 6.8	3.0/24.2	3936
1988 EX ₁	2001 09 26.7	00 13.71 -03 04.6 18.7	-0.76 - 3.7	1.2/25.3	1866	1981 EQ ₁₆	2001 09 27.4	00 16.33 +11 49.7 18.2	-0.87 - 1.3	3.1/30.5	15996
2000 JG ₇₆	2001 09 26.7	00 13.79 +09 44.7 18.6	-0.80 - 8.5	2.7/29.8	15802	2001 OH ₅₄	2001 09 27.5	00 16.35 -22 11.5 16.9	-0.90 - 1.3	9.0/19.9	16117
2000 GW ₉₆	2001 09 26.7	00 13.83 -03 07.5 18.4	-0.98 - 4.3	1.6/25.4	16067	2000 CN ₈₁	2001 09 27.5	00 16.38 -04 02.0 17.3	-0.95 - 7.9	2.5/25.6	16050
2000 EJ ₆₃	2001 09 26.8	00 13.77 +00 11.8 19.2	-0.97 - 5.3	0.5/26.4	723	1993 FC ₃₀	2001 09 27.5	00 16.39 +07 14.4 19.0	-0.67 - 7.5	1.4/29.5	34845
2165 T-3	2001 09 26.8	00 13.82 +02 44.5 18.1	-0.86 - 3.2	0.5/27.2	16169	2001 QD ₂₂	2001 09 27.5	00 16.44 +07 44.7 17.5	-1.01 - 1.4	2.1/29.2	15968
1999 CL ₇₁	2001 09 26.8	00 13.82 +07 03.1 18.3	-0.82 - 5.0	1.7/28.7	16033	2000 KQ ₆₄	2001 09 27.5	00 16.46 +01 12.7 18.0	-0.89 - 7.6	0.2/27.3	2790
2001 OS ₂	2001 09 26.8	00 13.87 -24 30.5 17.6	-0.82 -10.2	8.2/16.7	15858	1997 WQ ₂₈	2001 09 27.5	00 16.70 +00 10.0 16.4	-1.00 - 1.7	0.6/27.1	16013
1997 YX ₇	2001 09 26.8	00 13.89 -02 16.5 19.0	-0.74 - 4.9	1.1/25.6	34886	2000 GQ ₉₉	2001 09 27.5	00 16.71 +07 27.4 18.0	-0.93 - 5.4	2.0/29.4	16068
1994 AT ₁₂	2001 09 26.8	00 13.91 -08 06.1 19.0	-0.81 - 5.0	3.3/23.7	3126	1998 XR ₁₀	2001 09 27.6	00 16.69 +02 53.5 18.3	-0.92 - 5.9	0.4/28.0	34032
2000 HA ₈₀	2001 09 26.8	00 13.98 -21 31.4 16.9	-0.74 - 7.0	9.1/18.0	15784	2000 CF ₄₁	2001 09 27.6	00 16.70 +03 27.6 17.5	-1.02 - 5.3	0.7/28.1	15673
2001 OW ₈₀	2001 09 26.8	00 14.08 +22 30.1 16.8	-0.86 - 6.3	7.6/04.6	15908	1999 BG ₂₄	2001 09 27.6	00 16.71 +14 26.7 16.8	-1.00 - 4.4	5.4/01.5	15619

2000 JB ₅₉	2001 09 27.6	00 16.81 -16 47.2 16.9	-0.81 - 3.2	6.0/21.6	16080	2000 KC ₃	2001 09 28.3	00 19.47 +02 07.1 17.8	-0.86 - 9.3	0.0/28.4	16081
2001 ON ₇₂	2001 09 27.6	00 16.83 +01 17.9 17.6	-0.73 - 4.8	0.2/27.5	15902	1999 CK ₄₈	2001 09 28.3	00 19.58 -02 46.4 18.7	-0.83 - 5.8	1.6/26.8	15043
2000 JW ₂₉	2001 09 27.6	00 16.84 +05 31.7 17.7	-0.99 - 5.0	1.3/28.8	16078	1999 JJ ₈₆	2001 09 28.4	00 19.53 -11 20.1 19.1	-0.71 - 4.9	3.4/23.7	16039
1999 BA ₁	2001 09 27.6	00 16.86 -37 15.8 19.2	-1.02 + 1.3	10.4/15.4	3902	1993 FO ₃₃	2001 09 28.4	00 19.56 -03 02.8 17.9	-0.98 - 4.9	2.2/26.8	16002
2000 GE ₅₃	2001 09 27.6	00 16.91 +08 49.6 16.8	-0.75 - 9.1	2.7/30.3	16065	1992 EA ₄	2001 09 28.4	00 19.72 -02 49.5 19.1	-0.89 - 6.2	1.6/26.8	6185
1992 CE ₃	2001 09 27.6	00 16.97 +00 49.2 16.9	-0.89 - 8.6	0.4/27.3	16000	2000 EO ₁₆₆	2001 09 28.4	00 19.75 +06 43.9 16.4	-1.58 + 3.5	2.2/29.3	15724
1999 GS ₃	2001 09 27.7	00 17.08 -31 37.5 21.7	-1.05 - 1.3	8.3/16.7	35735	1995 DB ₁₃	2001 09 28.4	00 19.79 -06 19.7 18.5	-0.76 - 7.3	2.4/25.5	15008
1981 EF ₃₃	2001 09 27.7	00 17.11 +06 43.2 20.2	-0.87 - 8.1	1.7/29.4	9663	1997 NM ₁	2001 09 28.4	00 19.80 +02 26.9 19.1	-0.93 - 6.6	0.1/28.6	1921
1998 XY ₉₃	2001 09 27.7	00 17.12 +10 49.8 17.4	-0.88 - 7.7	3.3/30.8	16028	2000 EL ₄₁	2001 09 28.4	00 19.83 -01 24.3 18.1	-0.91 - 8.5	1.4/27.3	15706
1999 CP ₈₄	2001 09 27.7	00 17.14 +07 45.5 16.7	-1.09 - 0.2	2.3/29.3	16034	1995 DP ₂	2001 09 28.4	00 19.93 +00 03.1 19.3	-0.88 - 4.4	0.6/27.8	34292
2000 GQ ₁₃₆	2001 09 27.7	00 17.22 -03 53.0 17.8	-0.76 - 9.6	1.9/25.6	15760	2000 GQ ₉₆	2001 09 28.5	00 19.94 +14 32.4 17.6	-0.80 - 8.9	4.1/03.1	16067
1999 EP ₁	2001 09 27.7	00 17.23 +02 55.5 19.3	-0.87 - 6.0	10.2/08.0	16035	2001 OZ ₁₁	2001 09 28.5	00 19.97 -13 23.2 16.3	-0.82 - 2.4	5.9/23.6	15863
2000 GP ₁₅₉	2001 09 27.7	00 17.26 +08 37.9 18.5	-1.05 - 4.9	2.5/29.8	1619	2001 OH ₇₂	2001 09 28.5	00 19.99 +09 32.2 16.5	-1.06 - 3.0	3.1/30.6	15902
1981 EO ₂₂	2001 09 27.8	00 17.42 +03 21.5 19.6	-0.92 - 5.9	0.5/28.3	15996	2000 KY ₈	2001 09 28.5	00 20.04 +03 15.5 19.0	-0.91 - 5.9	0.4/28.9	2537
1999 FP ₅₇	2001 09 27.8	00 17.44 -02 09.8 21.6	-0.94 - 5.9	1.5/26.5	3327	1999 BW ₄	2001 09 28.5	00 20.07 +07 58.6 19.1	-0.93 - 3.9	2.1/30.3	34317
1998 WE ₈	2001 09 27.8	00 17.47 -00 40.9 16.6	-0.96 - 4.5	1.1/27.0	16025	1997 WD ₂₁	2001 09 28.5	00 20.16 +22 32.2 16.9	-0.77 - 7.9	7.7/06.4	35703
1989 VP ₁	2001 09 27.8	00 17.51 +04 40.2 17.5	-0.78 -10.5	0.9/28.9	15002	1997 XY ₁₁	2001 09 28.5	00 20.21 -09 12.2 17.2	-0.80 - 5.4	4.1/24.7	15590
1999 GC ₁	2001 09 27.8	00 17.57 -03 20.1 16.6	-0.90 - 0.9	1.6/26.4	15639	1983 RA ₄	2001 09 28.5	00 20.31 +05 58.2 15.9	-0.99 + 1.3	1.8/29.6	15997
1999 CV ₁₄₇	2001 09 27.8	00 17.62 +04 22.8 17.6	-0.92 - 6.3	1.2/28.7	14133	1981 DF ₃	2001 09 28.6	00 20.32 +16 36.7 19.4	-0.90 - 4.1	4.4/03.4	26914
2000 LW ₃₄	2001 09 27.8	00 17.64 -21 07.3 20.5	-0.87 - 4.7	7.7/20.2	8474	1998 CL ₁	2001 09 28.6	00 20.49 +05 28.0 19.3	-0.75 - 5.0	0.9/29.7	2631
1993 TW ₁	2001 09 27.8	00 17.67 -12 42.4 16.2	-0.98 - 2.0	5.5/23.6	16003	2000 FJ ₃₂	2001 09 28.6	00 20.67 -02 18.1 18.6	-0.92 - 5.8	1.7/27.2	10956
2000 HO ₃₄	2001 09 27.8	00 17.79 +01 53.5 19.2	-1.03 - 5.7	10.1/08.0	1302	5622 T-3	2001 09 28.7	00 20.64 -15 43.6 18.6	-0.93 - 3.7	6.2/23.0	16170
2001 OP ₇₁	2001 09 27.9	00 17.88 -09 12.0 16.1	-0.81 - 5.6	4.2/24.1	15901	2001 OS ₅₇	2001 09 28.7	00 20.69 +00 20.6 17.8	-0.81 - 4.5	0.6/28.1	15889
2000 DQ ₉₈	2001 09 27.9	00 18.04 -12 46.8 17.2	-0.89 - 7.3	6.4/23.0	16053	2001 OD ₆₇	2001 09 28.7	00 20.69 -00 22.7 17.6	-0.72 - 8.7	1.1/27.8	15895
2000 JF ₅₁	2001 09 27.9	00 18.07 +11 52.8 17.9	-0.90 - 5.4	3.5/01.3	16080	1997 VJ ₁	2001 09 28.7	00 20.90 +23 05.7 17.3	-0.99 - 2.5	6.8/05.4	16012
2000 HZ ₄₅	2001 09 27.9	00 18.16 -31 37.3 18.6	-1.18 + 2.5	12.3/18.7	16074	1999 FR ₂₁	2001 09 28.7	00 20.91 -02 13.4 17.6	-0.85 - 2.8	1.6/27.4	16036
1999 CV ₃₂	2001 09 28.0	00 18.12 -04 12.4 16.8	-0.92 - 5.2	2.7/26.0	16032	2000 FT ₄₉	2001 09 28.7	00 20.92 +05 52.0 17.6	-0.99 - 3.7	1.3/29.8	16063
2000 GP ₇₁	2001 09 28.0	00 18.13 +08 29.5 17.8	-0.79 -10.2	2.2/30.4	2767	2000 GJ ₁₄₁	2001 09 28.8	00 20.99 -05 37.0 19.1	-0.87 - 9.5	2.9/26.0	1617
2000 GF ₁	2001 09 28.0	00 18.16 -32 03.9 19.8	-1.16 - 0.8	10.3/17.8	10956	2000 CB ₆₇	2001 09 28.8	00 21.00 +03 47.0 17.7	-1.04 - 3.6	0.6/29.2	16049
2000 GO ₅₇	2001 09 28.0	00 18.19 +02 27.9 18.3	-0.93 - 5.8	0.2/28.2	16065	1997 UK ₁	2001 09 28.8	00 21.06 -02 25.1 18.3	-0.93 - 3.3	1.8/27.4	34298
1989 SD ₈	2001 09 28.0	00 18.22 +07 50.3 16.6	-0.89 - 1.9	2.8/29.8	15559	1994 JX ₁	2001 09 28.8	00 21.11 -05 58.6 18.8	-0.84 - 2.6	2.4/26.3	1889
2000 EZ ₉₄	2001 09 28.0	00 18.27 +09 45.5 18.2	-0.98 - 6.9	2.9/30.6	16057	1999 GY ₁₀	2001 09 28.8	00 21.18 +00 08.8 19.2	-0.72 - 4.3	0.6/28.1	36087
1996 VP ₂	2001 09 28.0	00 18.28 +01 40.3 18.2	-0.75 - 4.9	0.1/27.9	28867	1996 TW ₃	2001 09 28.8	00 21.21 -00 46.4 18.9	-0.75 - 5.5	0.9/27.8	35300
1997 XV	2001 09 28.0	00 18.32 +03 50.9 17.6	-0.83 - 3.8	0.6/28.6	16013	1999 AP ₂₄	2001 09 28.9	00 21.32 -01 48.0 18.0	-0.82 - 6.2	1.4/27.5	16029
2000 FN ₂₈	2001 09 28.0	00 18.32 +05 55.2 18.4	-0.87 - 6.1	1.3/29.4	16061	2001 OD ₉₆	2001 09 28.9	00 21.33 +18 01.1 16.9	-0.90 - 0.2	7.4/03.7	15921
2000 HW ₂₉	2001 09 28.1	00 18.45 -05 04.0 18.6	-1.09 - 1.6	2.6/26.2	1627	1995 DS ₁	2001 09 28.9	00 21.43 -01 23.4 17.9	-0.80 - 6.8	1.1/27.7	16005
1361 T-2	2001 09 28.1	00 18.49 +03 36.2 18.1	-0.79 - 5.7	0.5/28.7	34567	2000 JH ₆₆	2001 09 28.9	00 21.49 -01 24.0 17.8	-0.71 - 8.0	1.1/27.6	16080
1999 GB ₂₁	2001 09 28.1	00 18.54 -27 34.2 18.3	-0.89 - 0.4	7.5/18.8	34966	1997 YK ₁₄	2001 09 28.9	00 21.51 +13 31.7 17.8	-0.79 - 3.3	3.4/02.6	16014
2000 EY ₁₄₈	2001 09 28.1	00 18.78 +01 49.9 16.3	-1.07 + 0.3	0.1/28.1	16059	2000 HD ₃₅	2001 09 28.9	00 21.57 -05 47.6 17.2	-0.68 -13.2	3.3/25.7	15773
2001 OL ₇₁	2001 09 28.1	00 18.82 -10 16.0 17.4	-0.75 - 7.8	4.6/23.7	15901	1998 VS ₄	2001 09 28.9	00 21.61 -05 08.0 17.2	-0.81 - 9.2	3.6/26.3	16024
1999 JO ₇₃	2001 09 28.1	00 18.86 -15 16.6 18.6	-0.75 - 3.5	4.5/22.4	15048	2000 GV ₇₆	2001 09 28.9	00 21.65 +07 59.3 17.4	-0.90 - 8.4	2.1/30.9	16066
1999 CW ₁₄₉	2001 09 28.2	00 18.85 +01 56.6 17.5	-0.75 - 4.8	0.0/28.2	2643	1999 CD ₅₁	2001 09 28.9	00 21.71 -02 34.8 17.2	-0.85 - 6.0	1.7/27.4	15044
2000 GG ₇₅	2001 09 28.2	00 18.93 -10 14.1 17.5	-0.97 - 1.7	4.8/24.7	1603	2000 GL ₁₈	2001 09 28.9	00 21.74 +06 20.4 17.7	-0.77 -13.0	1.6/30.5	14864
2000 EW ₁₃₆	2001 09 28.2	00 19.23 +00 08.6 18.4	-1.12 - 1.5	0.7/27.8	733	1999 CY ₁₅₀	2001 09 28.9	00 21.76 +09 35.0 17.1	-0.97 - 2.1	2.8/01.1	15632
1999 FQ ₁₈	2001 09 28.2	00 19.24 +00 25.0 18.8	-0.86 - 3.4	0.5/27.8	35087	4186 T-3	2001 09 29.0	00 21.71 -05 39.1 18.2	-0.92 - 7.3	3.0/26.3	16170
2000 GO ₆₉	2001 09 28.3	00 19.17 +06 19.7 17.3	-0.80 - 9.7	1.8/29.9	14870	1999 DR ₃	2001 09 29.0	00 21.73 -16 29.0 16.7	-0.80 - 3.2	5.5/22.9	16035
2000 HT	2001 09 28.3	00 19.23 -08 59.7 19.6	-1.04 - 2.6	5.1/25.1	14881	2000 CX ₁₀₁	2001 09 29.0	00 21.83 -08 09.0 17.9	-0.87 - 8.0	4.0/25.5	16051
2001 OT ₃₅	2001 09 28.3	00 19.25 +23 30.1 16.9	-0.70 - 8.3	5.3/06.7	15875	1999 GJ ₂₃	2001 09 29.0	00 21.96 +01 24.4 18.4	-0.86 - 4.4	0.3/28.8	16037
2000 HJ ₃₇	2001 09 28.3	00 19.26 -10 43.2 19.5	-0.73 - 6.7	3.6/23.8	2774	1997 WM	2001 09 29.0	00 22.04 +21 00.4 18.7	-0.81 - 5.9	5.4/05.7	16013
2001 OJ ₄₂	2001 09 28.3	00 19.44 +08 58.7 17.0	-0.85 - 2.8	3.1/30.5	15880	1996 VA ₂₇	2001 09 29.0	00 22.05 +01 29.7 20.7	-0.70 - 4.7	0.2/28.8	15023
1997 GO ₃₅	2001 09 28.3	00 19.46 -05 15.5 17.2	-0.97 - 3.9	3.5/26.2	16009	1987 QY	2001 09 29.0	00 22.08 -09 14.1 15.8	-0.42 -31.3	4.9/23.2	15558

2000 HG ₈₈	2001 09 29.1	00 22.10	-09 54.1	19.4	-0.95	- 5.0	4.1/25.2	2520	1999 GV ₄	2001 09 29.9	00 25.07	+04 47.5	16.5	-0.78	- 8.4	0.7/30.7	16037
2000 CJ ₅₈	2001 09 29.1	00 22.13	-08 03.7	17.0	-1.06	- 3.8	4.3/26.1	16049	1997 WL ₈	2001 09 29.9	00 25.14	-05 30.3	18.1	-0.83	- 4.8	2.7/27.3	16013
2000 GV ₁	2001 09 29.1	00 22.38	+17 31.2	19.1	-0.88	-12.6	4.8/05.0	2764	1995 AV ₂	2001 09 29.9	00 25.24	-02 48.4	17.8	-0.93	- 4.9	1.9/28.2	16005
2000 GZ ₅₃	2001 09 29.2	00 22.49	+00 11.1	18.7	-0.98	- 5.1	0.8/28.5	436	2070 T-2	2001 09 30.0	00 25.40	+05 56.7	18.1	-0.89	- 1.0	0.9/30.9	34617
1997 WA ₈	2001 09 29.2	00 22.50	-01 44.8	18.5	-0.87	- 5.2	1.4/27.9	35703	2000 JZ ₂₆	2001 09 30.0	00 25.40	+07 39.8	17.8	-1.05	- 5.3	2.1/01.5	1644
1998 WU ₄	2001 09 29.2	00 22.50	+07 10.2	17.3	-0.80	-13.7	1.6/01.1	16025	2000 GK ₁₅₀	2001 09 30.0	00 25.42	+03 47.0	19.9	-0.98	- 7.2	0.4/30.4	3571
1998 XT ₄	2001 09 29.2	00 22.56	-12 25.4	16.1	-0.94	- 3.8	6.7/24.5	16026	4226 P-L	2001 09 30.0	00 25.70	+05 43.9	18.2	-0.92	- 6.0	1.0/01.0	36120
1990 UZ ₄	2001 09 29.2	00 22.60	-11 07.3	17.7	-0.76	- 4.3	4.1/24.6	15003	2000 GG ₁₄₁	2001 09 30.0	00 25.70	-21 22.8	17.5	-0.90	- 1.5	10.1/22.6	15760
2000 GT ₉₀	2001 09 29.2	00 22.61	-20 43.8	17.7	-1.08	+ 1.6	8.7/23.4	6271	2000 EU ₄₂	2001 09 30.0	00 25.71	+01 45.4	16.3	-1.03	- 0.8	0.5/29.8	16055
2434 T-3	2001 09 29.2	00 22.65	+03 54.2	17.7	-1.03	- 4.1	0.5/29.7	16170	2000 KH ₃₂	2001 09 30.1	00 25.70	+08 31.0	19.0	-0.87	- 7.2	2.0/02.1	3605
2000 KM ₅₀	2001 09 29.2	00 22.76	+12 37.0	16.8	-1.03	- 2.2	4.8/02.2	16083	1981 ED ₄₀	2001 09 30.1	00 25.77	+00 17.5	17.9	-0.71	- 8.3	0.8/29.2	32043
2000 AR ₉₃	2001 09 29.2	00 22.78	-36 20.1	17.6	-0.94	-11.7	16.7/13.0	15657	1999 FC ₂₄	2001 09 30.1	00 26.02	+04 12.1	18.6	-0.80	- 5.7	0.4/30.6	6829
1999 FP ₅	2001 09 29.2	00 22.79	-00 16.9	17.6	-0.88	- 1.7	0.9/28.5	16036	1995 OR ₁	2001 09 30.1	00 26.06	-01 33.9	17.8	-0.75	- 4.7	1.4/28.7	16005
1999 EB	2001 09 29.3	00 22.84	+05 22.1	18.1	-0.98	- 2.8	1.0/30.2	4927	1993 DN	2001 09 30.2	00 26.10	+11 42.3	17.5	-1.02	- 5.6	3.5/03.0	16001
2000 GC ₆₂	2001 09 29.3	00 22.86	+01 09.1	16.8	-1.02	- 2.2	0.6/29.0	15074	2072 T-1	2001 09 30.2	00 26.10	+02 34.1	19.5	-0.71	- 4.8	0.1/30.1	4022
1040 T-2	2001 09 29.3	00 22.89	+03 27.9	17.9	-0.94	- 6.7	0.4/29.6	16168	1985 FF ₂	2001 09 30.2	00 26.13	+12 37.8	17.6	-0.87	- 4.2	3.1/03.3	15997
1988 SV ₁	2001 09 29.3	00 22.92	-12 18.6	17.2	-0.79	- 7.3	5.3/24.0	15998	2000 GL ₁₄₂	2001 09 30.2	00 26.21	-21 47.2	17.9	-0.91	- 1.5	9.9/22.6	16070
2000 GN ₈₇	2001 09 29.3	00 22.94	-07 38.4	18.4	-0.94	- 6.5	3.7/26.4	1605	1996 FG ₁₆	2001 09 30.2	00 26.35	+03 42.4	18.4	-0.94	- 6.6	0.3/30.6	16007
1993 FW ₂₃	2001 09 29.3	00 22.99	+03 35.2	17.5	-1.05	- 2.6	0.5/29.7	16001	2000 GC ₅₁	2001 09 30.2	00 26.46	+01 34.9	17.9	-0.92	- 8.3	0.5/29.9	758
2000 KY ₂₆	2001 09 29.3	00 23.05	-06 46.6	17.2	-0.85	- 4.0	3.3/26.4	16082	1980 VW ₂	2001 09 30.3	00 26.39	+01 23.5	16.4	-1.04	- 2.1	0.7/29.9	15000
2000 HJ ₁₀₃	2001 09 29.3	00 23.17	-07 22.8	19.0	-0.87	- 5.3	3.5/26.2	2777	1510 T-2	2001 09 30.3	00 26.39	+02 07.8	19.2	-0.70	- 5.5	0.2/30.1	35125
2000 FK ₅₇	2001 09 29.4	00 23.15	-08 18.8	19.7	-0.86	- 6.4	3.8/25.8	3931	2000 JB ₂₃	2001 09 30.3	00 26.45	+08 57.6	16.7	-1.04	- 0.3	2.5/02.0	16078
1987 UE ₁	2001 09 29.4	00 23.29	+11 18.8	15.7	-0.56	-27.0	3.6/03.6	15997	2000 JP ₂₂	2001 09 30.3	00 26.60	+02 08.7	17.2	-0.76	- 7.5	0.3/30.1	15083
1999 BZ ₂₃	2001 09 29.4	00 23.48	+19 20.9	18.3	-0.88	- 5.7	5.2/05.3	16031	1999 FA ₇	2001 09 30.3	00 26.66	+01 44.1	19.1	-0.73	- 4.4	0.3/30.0	16036
2000 ET ₇₇	2001 09 29.5	00 23.50	-01 33.6	18.4	-1.00	- 5.7	1.6/28.2	15067	1998 WL ₂₀	2001 09 30.3	00 26.74	-03 13.7	17.5	-1.02	- 4.2	2.3/28.6	16026
1999 GW ₅	2001 09 29.5	00 23.52	-20 37.0	19.8	-0.81	- 2.6	5.9/21.8	35447	2000 EG ₆₁	2001 09 30.3	00 26.74	+05 20.0	18.7	-0.94	- 6.5	0.9/01.2	723
2000 KX ₆₄	2001 09 29.5	00 23.55	-04 48.1	18.6	-0.94	- 6.3	2.9/27.1	15086	2000 HE ₅₄	2001 09 30.3	00 26.77	-14 42.9	17.2	-0.93	- 1.2	6.9/25.2	16074
1998 VQ ₄	2001 09 29.5	00 23.55	+00 19.7	18.6	-0.99	- 5.6	0.8/28.8	16024	2000 HY ₃₅	2001 09 30.3	00 26.78	+10 49.0	17.3	-1.00	- 4.3	3.0/02.8	16073
2001 OJ ₇₁	2001 09 29.5	00 23.57	-07 28.8	17.0	-0.78	- 8.3	4.4/25.9	15901	2000 EK ₃₉	2001 09 30.3	00 26.79	+02 08.7	17.0	-1.06	- 2.6	0.3/30.2	16055
1989 UO ₂	2001 09 29.5	00 23.62	+08 40.7	16.2	-0.55	-10.0	3.0/02.0	15998	2000 HG ₈₅	2001 09 30.4	00 26.76	-08 23.1	17.6	-0.90	- 5.7	4.2/26.7	15785
2000 EL ₅₉	2001 09 29.5	00 23.66	+03 45.4	16.9	-0.80	-10.6	0.5/30.0	16056	1998 SZ ₁₃₈	2001 09 30.4	00 26.80	+10 18.8	17.3	-1.01	-10.9	3.5/03.1	16022
1997 UE ₂	2001 09 29.5	00 23.78	-03 20.6	17.3	-0.99	- 3.3	2.4/27.8	15587	2000 FA ₂₃	2001 09 30.4	00 26.96	-13 54.0	18.8	-1.08	- 1.6	6.2/25.8	1585
2000 GJ ₇₇	2001 09 29.5	00 23.82	-03 16.3	17.3	-0.89	- 3.8	2.3/27.8	16066	1996 WJ ₃	2001 09 30.4	00 26.96	+08 01.1	18.0	-0.72	- 7.3	1.5/02.3	16008
2001 OD ₁₂	2001 09 29.5	00 23.88	-20 01.8	18.8	-0.78	- 6.1	8.7/21.6	16110	1996 JU ₃	2001 09 30.4	00 27.10	-03 24.6	18.9	-0.92	- 5.9	2.2/28.4	15022
2000 DO ₁₄	2001 09 29.6	00 23.86	-06 13.4	19.4	-0.95	- 6.7	3.0/26.8	712	1999 ER ₅	2001 09 30.4	00 27.15	-04 48.5	17.3	-0.70	- 7.8	2.5/27.7	16036
1981 EJ ₃₇	2001 09 29.6	00 23.86	+10 20.6	19.2	-1.01	- 3.2	3.2/01.9	26922	2000 GY ₇₂	2001 09 30.4	00 27.17	+00 23.9	18.1	-0.98	- 5.7	1.0/29.7	16066
2000 EQ ₁₃₄	2001 09 29.6	00 23.95	-02 46.1	18.6	-0.97	- 4.8	2.0/28.0	1581	2000 EF ₁₀₆	2001 09 30.5	00 27.21	-09 24.6	18.4	-1.01	- 3.8	4.8/26.9	1577
1996 JK ₃	2001 09 29.6	00 24.14	-14 19.2	18.7	-1.01	- 3.6	5.7/24.4	15022	2000 AF ₁₄₃	2001 09 30.5	00 27.28	+11 59.5	17.9	-0.97	- 6.6	3.0/03.5	15660
2000 KO ₃	2001 09 29.7	00 24.40	-11 01.6	18.4	-0.94	- 6.0	5.2/25.2	2784	2000 DM ₈₃	2001 09 30.5	00 27.31	-05 53.0	17.6	-0.99	- 6.3	3.7/27.8	16053
2000 GH ₁₀₆	2001 09 29.7	00 24.45	+09 02.6	18.1	-0.95	- 8.6	2.6/01.9	16068	2000 GY ₁₅₃	2001 09 30.5	00 27.35	+12 11.8	17.4	-1.01	- 4.3	3.2/03.4	16070
1981 EJ ₂₅	2001 09 29.7	00 24.55	+02 15.0	19.2	-0.90	- 6.7	0.1/29.6	1404	2000 JR ₄₃	2001 09 30.5	00 27.37	-04 30.2	17.2	-0.88	- 4.3	3.5/28.2	16079
1996 RA ₂	2001 09 29.7	00 24.60	-02 22.6	17.8	-0.79	- 5.4	1.7/28.1	15023	2000 EW ₄₇	2001 09 30.5	00 27.40	+05 19.8	17.4	-1.05	- 2.9	1.0/01.2	16055
1998 VW ₃₉	2001 09 29.7	00 24.60	-02 04.8	21.6	-1.05	- 6.6	2.1/28.3	6818	1993 HU ₂	2001 09 30.5	00 27.44	-01 04.7	18.7	-0.92	- 7.6	1.4/29.2	16002
2001 OU ₁₃	2001 09 29.8	00 24.65	-08 17.1	16.5	-0.79	- 6.1	5.3/26.1	15865	1996 GG ₁₄	2001 09 30.6	00 27.50	-02 05.4	17.9	-0.89	- 3.2	2.4/29.1	38454
2000 HN ₆₆	2001 09 29.8	00 24.86	-18 02.8	17.7	-1.01	0.0	7.9/24.1	3585	2000 CV ₆₅	2001 09 30.6	00 27.59	-22 13.9	17.6	-0.96	- 3.4	8.9/22.6	1569
3100 P-L	2001 09 29.8	00 24.93	+17 06.9	18.1	-0.82	- 3.9	4.2/04.7	16167	1998 WM ₅	2001 09 30.6	00 27.71	-03 04.1	17.4	-1.01	- 4.5	2.3/28.8	16025
2000 KX ₃₂	2001 09 29.8	00 24.95	+02 58.0	19.2	-0.77	- 4.7	0.1/30.0	16082	2000 CJ ₅₂	2001 09 30.6	00 27.75	+03 49.5	17.2	-0.97	- 7.8	0.3/30.9	15674
1992 EC ₅	2001 09 29.8	00 24.97	+04 25.0	18.4	-1.10	- 2.1	0.7/30.4	16000	2000 GO ₁₃₉	2001 09 30.6	00 27.76	-09 32.5	18.3	-0.84	- 5.6	5.0/26.5	16070
2000 JO ₅₅	2001 09 29.8	00 25.00	-04 44.6	18.6	-0.94	- 6.1	2.7/27.5	16080	2000 GK ₆₉	2001 09 30.6	00 27.78	+04 42.8	17.2	-0.82	- 7.2	0.7/01.3	1601
2001 OT ₅₈	2001 09 29.9	00 25.01	-12 58.7	17.0	-0.69	-11.6	6.1/23.6	15889	2000 SA ₁₈₂	2001 09 30.6	00 27.79	+36 59.7	18.4	-0.61	- 1.9	6.0/14.0	16089
2000 KW ₆₂	2001 09 29.9	00 25.02	-10 41.3	20.5	-0.90	- 6.3	4.3/25.5	5771	2000 QH ₁₃₇	2001 09 30.6	00 27.81	+22 04.4	17.9	-0.56	- 2.6	3.8/07.5	13704

1992 EM ₆	2001 09 30.6	00 27.88 -02 35.3	19.1 -0.95 - 5.4	1.9/28.9	33547	1996 FY ₂	2001 10 01.4	00 30.71 +08 59.2	17.9 -0.93 - 5.5	2.0/03.3	35695
2000 GN ₁₂₃	2001 09 30.7	00 27.84 +00 03.9	16.0 -0.81 -10.6	1.3/29.6	16069	1997 VV ₄	2001 10 01.4	00 30.76 +04 38.2	17.1 -0.75 - 6.5	0.6/01.9	15587
2000 JM ₇₃	2001 09 30.7	00 27.90 -17 13.3	19.0 -0.86 - 4.2	6.0/24.1	2782	1999 AE ₁₇	2001 10 01.4	00 30.77 -01 00.4	18.8 -0.84 - 6.3	1.5/30.1	5511
1144 T-2	2001 09 30.7	00 27.92 +07 08.1	18.0 -0.96 - 6.0	1.5/02.0	16168	4075 T-3	2001 10 01.4	00 30.77 -01 10.1	17.9 -0.95 - 6.5	1.7/30.0	2805
1998 XM ₉₄	2001 09 30.7	00 27.97 +02 44.0	17.1 -0.83 - 9.6	0.1/30.6	2639	1994 LY ₁	2001 10 01.5	00 30.84 -11 19.7	18.2 -0.90 - 8.0	6.1/26.4	16004
2000 EQ ₁₀₃	2001 09 30.7	00 27.99 +03 29.2	18.4 -1.03 - 4.3	0.2/30.9	10954	1987 UT ₁	2001 10 01.5	00 30.93 +19 21.0	16.5 -0.77 - 3.0	8.9/07.3	15997
1993 FY ₁₁	2001 09 30.7	00 28.00 -01 16.8	18.4 -1.04 - 3.8	1.7/29.5	40301	1999 CO ₂₄	2001 10 01.5	00 30.94 -08 14.8	17.7 -0.84 - 4.4	3.6/27.8	16032
1991 UZ ₁	2001 09 30.7	00 28.00 -04 28.4	16.9 -0.90 - 1.6	2.6/28.6	16000	1998 XK ₃₆	2001 10 01.5	00 31.00 +05 19.1	18.2 -0.97 - 5.7	0.8/02.2	1993
2000 FT ₄₆	2001 09 30.7	00 28.02 -12 02.7	17.9 -0.90 - 3.4	5.5/26.2	1590	1993 FZ ₁₁	2001 10 01.5	00 31.03 -06 23.0	16.0 -0.93 - 1.9	4.9/28.8	15005
1998 BA ₁₈	2001 09 30.7	00 28.25 +17 51.4	18.6 -0.85 - 1.7	4.1/05.4	15591	2001 OQ ₅₀	2001 10 01.6	00 31.08 +41 28.2	16.3 -1.00 +12.4	22.1/13.2	16116
2000 KU ₅₄	2001 09 30.8	00 28.26 -01 01.0	16.9 -0.89 - 8.0	1.8/29.4	16083	1997 OV ₁	2001 10 01.6	00 31.11 +13 30.7	17.8 -0.90 - 7.5	4.1/05.1	1421
2000 DJ ₄₀	2001 09 30.8	00 28.28 +13 19.2	17.4 -1.11 - 3.7	4.4/03.9	15690	1998 YY ₃₁	2001 10 01.6	00 31.19 -02 22.9	17.7 -0.95 - 6.4	2.1/29.8	16029
1999 CU ₅₀	2001 09 30.8	00 28.33 -00 14.0	17.2 -0.86 - 7.1	1.4/29.7	16033	1999 FD ₂₆	2001 10 01.6	00 31.26 +08 20.3	19.4 -0.85 - 4.5	1.6/03.2	3316
1999 CC ₃₈	2001 09 30.8	00 28.41 -05 24.9	18.1 -0.78 - 6.7	2.7/27.9	15623	1996 ED ₃	2001 10 01.6	00 31.29 -01 59.4	18.9 -1.01 - 3.8	2.0/30.1	33945
2000 FF ₁	2001 09 30.8	00 28.46 -33 21.8	20.1 -1.06 - 3.1	11.2/18.5	737	1999 EE ₁₁	2001 10 01.6	00 31.43 +02 06.3	18.5 -0.80 - 2.6	0.4/01.3	16036
2000 HH ₂	2001 09 30.8	00 28.54 +00 41.7	19.6 -0.90 - 6.5	0.8/30.1	1621	1997 TV ₉	2001 10 01.6	00 31.45 -02 56.2	18.9 -0.90 - 4.8	2.0/29.7	35702
1999 AK ₁₀	2001 09 30.8	00 28.55 +14 22.7	17.5 -1.84 +12.8	5.9/01.9	15613	1997 VV ₇	2001 10 01.7	00 31.59 -13 04.2	17.6 -1.00 + 0.6	6.7/27.4	1424
1998 BW ₁₅	2001 09 30.8	00 28.60 +15 31.9	18.8 -0.76 - 4.1	3.4/05.1	16014	2001 QD ₇₁	2001 10 01.7	00 31.62 -00 38.9	16.9 -0.83 - 8.9	1.8/30.3	15981
2000 EL ₁₅₂	2001 09 30.9	00 28.68 +12 20.8	16.5 -0.97 - 4.9	4.1/03.9	16059	1999 GS ₅₁	2001 10 01.7	00 31.70 +11 36.6	18.5 -0.66 - 8.7	2.1/04.9	8419
2000 GK ₅	2001 09 30.9	00 28.69 +09 39.0	18.7 -0.96 - 6.8	2.4/03.1	10956	2107 T-3	2001 10 01.7	00 31.71 +09 32.2	18.8 -0.98 - 3.0	2.3/03.6	34274
1997 WT ₃₅	2001 09 30.9	00 28.71 +23 05.6	17.2 -0.84 - 6.7	7.3/08.1	15589	1997 PC	2001 10 01.7	00 31.72 +06 20.4	17.0 -0.91 - 4.6	1.4/03.0	16010
1998 YF ₂	2001 10 01.0	00 28.92 -01 00.9	18.3 -0.92 - 6.1	1.5/29.7	35729	1998 VS ₄₃	2001 10 01.7	00 31.84 -06 24.5	18.7 -0.90 - 5.9	3.7/28.6	6220
1997 VH	2001 10 01.0	00 28.94 -00 14.3	16.5 -0.93 - 1.5	1.5/30.1	16012	1990 OC ₁	2001 10 01.7	00 31.87 +18 08.1	17.2 -0.75 - 6.4	4.4/07.1	15559
2000 HF ₅₇	2001 10 01.0	00 29.02 -11 22.1	18.2 -0.96 - 4.6	5.4/26.5	1310	2000 EW ₁₄₄	2001 10 01.8	00 31.89 +06 59.1	17.7 -0.94 - 5.9	1.4/03.0	15069
2000 HE ₉₄	2001 10 01.0	00 29.02 +02 54.7	19.3 -1.03 - 5.5	0.1/31.0	3588	2000 EU ₂₅	2001 10 01.8	00 31.93 +03 02.2	17.7 -0.95 - 5.1	0.2/01.7	1572
1999 XE ₁₁₅	2001 10 01.0	00 29.03 -43 08.5	18.1 -1.45 + 2.0	19.0/15.8	2227	1997 YP ₃	2001 10 01.8	00 32.05 +03 23.7	17.9 -0.78 - 5.6	0.0/01.8	2630
2000 EQ ₂₆	2001 10 01.0	00 29.04 +08 19.1	17.8 -1.64 + 5.8	2.6/01.9	16054	1981 EK ₂₁	2001 10 01.8	00 32.06 +08 26.5	18.9 -0.89 - 3.3	1.6/03.4	33923
2000 FJ ₁₅	2001 10 01.0	00 29.09 +05 06.3	15.4 -0.62 -23.5	0.8/01.9	16060	1996 TZ ₉	2001 10 01.9	00 32.20 +06 28.0	18.1 -0.71 - 8.1	1.0/03.0	34585
2000 JW ₁	2001 10 01.0	00 29.12 -05 05.9	18.1 -0.90 - 4.4	3.1/28.5	16076	2000 GE ₁₂₅	2001 10 01.9	00 32.34 -03 14.6	19.9 -0.85 - 7.9	2.1/29.6	2491
1977 DP ₂	2001 10 01.0	00 29.33 +02 06.5	19.4 -0.74 - 4.6	0.3/30.7	31222	2000 CM ₅₆	2001 10 01.9	00 32.36 +00 27.2	17.4 -1.09 - 3.6	1.4/01.1	16049
1996 DJ ₂	2001 10 01.0	00 29.36 +01 32.2	18.3 -0.97 - 4.4	0.5/30.6	16006	2000 JV ₅₅	2001 10 02.0	00 32.66 +01 11.5	16.7 -0.92 - 7.8	1.0/01.3	15084
2000 EM ₉₇	2001 10 01.1	00 29.33 +09 24.8	16.2 -0.86 - 5.9	2.8/03.2	16057	4079 P-L	2001 10 02.0	00 32.70 +05 36.7	17.6 -1.05 - 4.9	0.9/02.7	1665
1999 CQ ₅₆	2001 10 01.1	00 29.35 -07 03.2	19.1 -0.86 - 6.2	3.2/27.7	34604	2000 HK ₈₃	2001 10 02.0	00 32.82 +06 55.8	18.7 -0.87 - 5.9	1.2/03.2	1321
2000 KD ₆₄	2001 10 01.1	00 29.50 -11 31.8	16.1 -0.66 -11.2	5.9/25.2	16083	2000 JB ₃₆	2001 10 02.0	00 32.84 +04 12.1	18.3 -0.95 - 5.3	0.2/02.3	16079
1998 BT ₂₃	2001 10 01.1	00 29.59 +02 42.4	17.6 -0.73 - 4.8	0.2/01.0	15028	1998 SS ₁₅₆	2001 10 02.0	00 32.87 +07 33.8	18.0 -1.00 - 6.5	1.9/03.3	16022
1990 QJ ₁₀	2001 10 01.1	00 29.71 +03 03.2	18.1 -0.78 - 4.2	0.1/01.1	15998	2000 JF ₃₈	2001 10 02.0	00 32.91 +16 46.6	15.9 -0.66 - 9.4	5.7/07.3	16079
1999 BB ₂₀	2001 10 01.2	00 29.72 -01 46.9	17.8 -0.98 - 3.4	1.8/29.8	15618	1981 EZ ₂₀	2001 10 02.0	00 32.92 +04 29.6	18.3 -0.82 - 5.7	0.3/02.4	1861
2000 JU ₅₅	2001 10 01.2	00 29.75 +03 36.3	18.5 -0.79 - 6.5	0.1/01.4	5763	1996 FF ₂	2001 10 02.1	00 32.96 +09 20.5	18.3 -0.98 - 5.6	2.1/03.9	1905
2106 P-L	2001 10 01.2	00 29.80 +09 30.9	18.4 -0.81 - 8.3	2.4/03.5	571	2000 GJ ₈₁	2001 10 02.1	00 33.04 +12 18.3	18.5 -0.80 -10.2	3.0/05.4	16066
3391 T-3	2001 10 01.2	00 29.91 +04 28.8	17.9 -0.87 - 7.1	0.6/01.7	34275	2000 KV ₆₃	2001 10 02.1	00 33.11 -03 30.2	17.3 -0.71 - 9.1	2.7/29.5	16083
2000 JN ₇₃	2001 10 01.2	00 30.00 -15 27.5	18.0 -0.81 - 8.2	7.0/24.3	16081	1999 AV ₁₉	2001 10 02.1	00 33.16 +09 00.5	16.6 -0.85 - 3.1	2.7/03.8	15613
2000 HU ₅₇	2001 10 01.2	00 30.02 -11 06.5	17.5 -0.91 - 2.3	5.0/27.1	3584	2000 GO ₉₉	2001 10 02.1	00 33.20 +07 49.2	18.5 -1.03 - 4.4	1.6/03.4	1278
2000 JP ₃₂	2001 10 01.3	00 30.14 -17 19.8	16.9 -1.01 + 2.2	8.8/26.0	15084	1998 DW ₈	2001 10 02.2	00 33.31 -03 27.1	19.4 -0.70 - 5.5	1.9/29.8	8027
1999 CB ₅₀	2001 10 01.3	00 30.23 -01 13.8	17.1 -0.86 - 4.0	1.5/30.0	16033	1997 VJ ₃	2001 10 02.2	00 33.31 +07 28.2	16.9 -0.81 - 6.5	1.4/03.5	16012
1997 YK ₁₅	2001 10 01.3	00 30.32 -00 07.5	18.8 -0.78 - 4.7	1.2/30.3	16014	2000 EB ₉₂	2001 10 02.2	00 33.38 +06 43.0	19.0 -0.92 - 8.8	1.2/03.3	7012
1998 YH	2001 10 01.3	00 30.32 +09 28.2	18.3 -0.87 - 4.9	1.9/03.4	3900	2000 JH ₆₁	2001 10 02.2	00 33.38 -06 09.2	17.7 -1.02 - 4.2	3.9/29.3	15085
1999 CU ₂₀	2001 10 01.3	00 30.46 +22 06.4	17.1 -1.06 - 1.5	7.0/07.1	15622	1998 XB ₉₇	2001 10 02.2	00 33.42 +13 09.4	19.3 -0.95 - 4.9	3.6/05.2	4424
2001 OQ ₅₇	2001 10 01.4	00 30.44 +05 19.6	17.1 -0.99 - 3.0	1.0/02.0	15889	2000 HA ₁₀	2001 10 02.2	00 33.47 +10 53.2	18.3 -0.81 - 9.0	2.5/04.9	16072
1999 JU ₈₃	2001 10 01.4	00 30.47 +01 09.8	16.4 -0.66 -10.5	0.6/30.6	16039	1999 GB ₃₁	2001 10 02.2	00 33.56 +01 21.6	17.4 -0.69 - 7.7	0.7/01.5	16037
2000 FV ₂₃	2001 10 01.4	00 30.49 -16 12.3	17.5 -0.92 - 3.3	7.6/25.4	1586	1981 DC ₃	2001 10 02.2	00 33.59 +12 52.2	18.9 -0.92 - 6.3	3.3/05.3	126
1998 WV ₁₄	2001 10 01.4	00 30.65 -06 17.4	17.6 -0.97 - 4.8	4.6/28.5	16026	1996 CW ₈	2001 10 02.2	00 33.61 +05 52.2	18.0 -1.03 - 3.5	0.9/03.0	16006

2000 JD ₂₂	2001 10 02.3	00 33.79 +10 59.6 16.9	-0.94 - 6.8	3.3/04.7	16078	2000 EW	2001 10 02.9	00 36.18 +04 19.5 17.6	-1.10 - 3.2	10.0/23.0	15700
2000 HX ₇₈	2001 10 02.3	00 33.81 -24 25.8 17.7	-0.85 - 4.5	11.4/22.3	10958	1981 EL ₃₈	2001 10 02.9	00 36.20 +04 26.2 18.7	-0.76 - 9.6	8.6/13.0	35678
1020 T-3	2001 10 02.3	00 33.90 +15 02.9 17.0	-0.85 - 8.4	5.1/06.4	16169	1998 XS ₂₀	2001 10 02.9	00 36.21 +30 19.1 17.2	-0.98 - 4.5	8.4/12.7	16027
2000 GR ₅₅	2001 10 02.3	00 33.97 -00 44.3 18.1	-0.90 - 4.3	1.8/01.0	15074	1999 CJ ₅₀	2001 10 02.9	00 36.22 +08 58.4 16.8	-1.18 - 2.1	2.4/04.3	13589
1999 CA ₅₅	2001 10 02.3	00 34.02 +00 07.7 17.8	-0.99 - 3.4	1.5/01.4	34247	2001 OB ₂₃	2001 10 02.9	00 36.23 -19 50.2 16.0	-1.12 +11.0	13.8/29.7	15870
1999 AC ₂₅	2001 10 02.4	00 34.05 +00 47.1 18.7	-0.74 - 5.1	0.8/01.5	16029	2000 EF ₁₀₀	2001 10 03.0	00 36.16 +10 14.1 17.3	-1.06 - 2.3	3.1/04.8	15715
1997 WL	2001 10 02.4	00 34.07 -06 57.5 17.6	-0.85 - 3.5	3.4/29.1	35703	1995 SQ ₂₈	2001 10 03.0	00 36.17 +16 30.6 18.2	-0.92 - 0.7	4.1/06.6	15572
1998 VR ₆	2001 10 02.4	00 34.09 +07 54.1 16.7	-0.88 - 9.4	1.8/03.9	16024	1999 HP ₉	2001 10 03.0	00 36.26 +09 45.7 16.5	-0.74 - 8.2	2.0/05.1	15047
2000 KK ₈₂	2001 10 02.4	00 34.10 +05 47.5 18.4	-0.81 - 9.6	0.9/03.0	3938	1994 VE	2001 10 03.0	00 36.26 -05 16.1 16.9	-1.07 - 1.7	3.5/30.5	16005
1999 CG ₉₀	2001 10 02.4	00 34.13 +24 57.3 17.0	-1.06 - 1.4	8.0/09.0	16034	1998 BZ ₂₄	2001 10 03.0	00 36.43 +01 03.2 18.3	-0.73 - 5.2	0.8/02.1	2631
2000 HP ₅₃	2001 10 02.4	00 34.15 -00 45.3 16.8	-0.82 - 5.3	1.9/31.0	16074	1981 EL ₃₆	2001 10 03.0	00 36.52 +08 36.5 18.8	-0.94 - 6.1	1.8/04.6	601
2001 OK ₁₂	2001 10 02.4	00 34.15 -14 28.0 17.4	-0.75 - 9.8	8.0/25.5	15863	2000 FY ₄₁	2001 10 03.0	00 36.57 -02 31.3 17.7	-1.07 - 4.0	2.6/01.2	16062
2000 HG	2001 10 02.4	00 34.36 -16 22.4 17.1	-0.81 - 6.4	6.6/25.5	8473	2356 T-3	2001 10 03.1	00 36.54 +06 13.2 17.7	-0.95 - 7.0	0.9/03.8	2805
1994 PY ₂₇	2001 10 02.5	00 34.37 -04 32.2 18.1	-0.94 - 6.9	3.2/29.8	1415	1993 FL ₄₁	2001 10 03.1	00 36.62 -00 05.0 18.0	-0.93 - 7.5	1.6/01.8	1412
1999 NE ₉	2001 10 02.5	00 34.44 +40 25.6 18.1	-0.70 - 0.6	6.3/16.5	16040	2000 GD ₈₅	2001 10 03.1	00 36.68 -22 22.9 17.4	-0.89 - 3.0	10.3/24.6	1605
2000 MG	2001 10 02.5	00 34.48 +04 15.6 19.1	-0.78 - 4.7	7.1/23.0	3627	1998 XG ₉₆	2001 10 03.1	00 36.70 -01 37.8 18.8	-0.83 - 5.7	1.8/01.3	35728
2000 JZ ₂₉	2001 10 02.5	00 34.49 +13 49.2 17.0	-0.96 - 4.2	4.6/05.7	16078	2000 GZ ₁₄₁	2001 10 03.1	00 36.71 -10 44.9 17.6	-0.80 - 8.1	4.9/28.0	1617
2000 KX ₂₉	2001 10 02.5	00 34.50 -00 23.9 17.4	-0.75 - 4.5	1.4/01.2	15086	2000 FE ₃₀	2001 10 03.1	00 36.87 +00 07.2 19.5	-1.06 - 2.7	1.5/02.1	9325
2000 HW ₄₈	2001 10 02.5	00 34.56 -16 26.5 17.1	-1.06 + 2.3	8.9/27.5	16074	1997 YG ₁₈	2001 10 03.2	00 36.91 +13 03.5 18.6	-0.75 - 6.2	2.7/06.4	16014
1981 EL ₁₅	2001 10 02.5	00 34.75 +09 59.7 19.7	-0.81 - 5.6	1.9/04.7	26918	2000 FQ ₃₆	2001 10 03.2	00 36.97 -00 39.3 17.7	-0.80 -10.4	1.7/01.5	16062
2000 GP ₁₆₂	2001 10 02.5	00 34.78 +06 03.4 19.4	-0.96 - 6.3	0.8/03.3	5746	2000 EB ₈₇	2001 10 03.2	00 37.10 +07 14.7 17.8	-0.92 - 8.4	1.3/04.3	726
2000 KC ₂₀	2001 10 02.6	00 34.74 -00 21.7 18.9	-0.81 - 4.6	1.3/01.3	2539	2000 HH ₁₀	2001 10 03.2	00 37.16 -06 54.0 18.1	-0.93 - 3.3	3.8/30.0	2773
3209 T-2	2001 10 02.6	00 34.78 -03 25.4 17.8	-0.72 - 5.5	2.1/30.2	16169	1999 JY ₉₂	2001 10 03.3	00 37.25 -06 56.6 19.2	-0.67 - 6.9	2.9/29.3	6849
1981 EW ₄₅	2001 10 02.6	00 34.81 +05 35.1 17.5	-0.70 - 6.1	0.6/03.3	15001	1998 VR ₃₁	2001 10 03.3	00 37.28 +09 51.4 17.2	-0.96 - 7.4	2.4/05.2	2637
2001 QE ₂₂	2001 10 02.6	00 34.86 -04 16.8 17.1	-0.71 -11.5	3.1/29.5	15968	1981 EF ₂₀	2001 10 03.3	00 37.30 -00 38.0 19.2	-0.77 - 7.0	1.4/01.7	26918
1994 UU ₆	2001 10 02.6	00 35.00 +03 15.4 16.5	-0.98 - 1.8	0.3/02.5	33941	2000 GO ₁₀₇	2001 10 03.3	00 37.42 -01 46.5 19.3	-0.93 - 6.0	2.0/01.5	1610
2000 JB ₃₄	2001 10 02.6	00 35.02 +08 20.9 20.3	-0.95 - 6.7	1.6/04.2	1341	2000 GU ₅₄	2001 10 03.3	00 37.51 +02 24.5 20.0	-1.01 - 3.8	0.6/02.9	3557
1992 EC ₇	2001 10 02.6	00 35.07 -12 20.0 17.0	-0.84 - 4.4	7.4/27.4	15004	1999 CL ₉	2001 10 03.3	00 37.59 +03 48.1 18.5	-0.93 - 2.6	0.1/03.3	34602
2000 ER ₁₁₂	2001 10 02.6	00 35.12 +08 30.3 17.0	-0.90 - 9.6	1.9/04.4	15718	2000 KO ₄₂	2001 10 03.3	00 37.63 -15 17.4 17.9	-0.80 - 8.3	6.5/26.3	15086
2000 JD	2001 10 02.7	00 35.16 +00 21.7 17.7	-0.89 - 5.2	1.3/01.6	15082	1993 JX	2001 10 03.3	00 37.65 +09 25.9 17.9	-0.92 - 7.8	2.0/05.2	1413
1996 HJ ₁₇	2001 10 02.7	00 35.19 +08 05.2 17.1	-0.85 - 7.7	1.6/04.2	1419	1997 VO ₅	2001 10 03.3	00 37.66 -20 45.4 16.6	-0.95 + 3.5	11.8/27.2	16012
2000 KP ₂₄	2001 10 02.7	00 35.20 -09 10.6 18.6	-1.00 - 4.5	5.1/28.7	15086	2000 DO ₁₁₂	2001 10 03.4	00 37.66 -01 23.8 18.0	-0.92 - 7.4	2.3/01.6	16053
1990 SZ ₄	2001 10 02.7	00 35.28 +00 57.0 17.8	-0.77 - 4.3	0.9/01.8	1407	2000 JA ₇₀	2001 10 03.4	00 37.74 -11 15.1 18.9	-0.87 - 8.8	5.3/28.0	3601
2000 GY ₅₁	2001 10 02.7	00 35.33 +03 28.2 16.0	-0.84 -10.0	0.1/02.6	16064	1991 GC ₂	2001 10 03.4	00 37.75 -13 29.7 18.1	-0.81 - 5.6	5.0/27.5	1408
1996 HA ₂₃	2001 10 02.7	00 35.34 +07 45.9 18.4	-0.85 - 7.6	1.3/04.1	1419	1989 SG ₁₄	2001 10 03.4	00 37.77 +23 52.3 16.3	-1.12 0.0	8.4/09.1	15998
2001 OG ₂₃	2001 10 02.7	00 35.42 +24 41.4 17.1	-0.79 -10.4	6.8/11.1	15870	2000 FH ₄	2001 10 03.4	00 37.83 +06 03.3 19.3	-0.96 - 5.8	0.7/04.1	738
2000 GG ₁₃₄	2001 10 02.7	00 35.49 -10 37.9 17.9	-0.73 - 7.2	4.6/27.7	16070	2000 EH ₁₂₉	2001 10 03.4	00 37.89 +00 04.4 18.9	-0.95 - 6.6	1.5/02.2	2424
1997 XF ₅	2001 10 02.8	00 35.45 +21 17.6 17.7	-0.86 - 1.9	4.9/08.2	15589	1997 WX ₁	2001 10 03.4	00 37.90 +06 23.4 18.5	-0.90 - 5.0	0.9/04.2	33962
1995 EL	2001 10 02.8	00 35.47 -06 45.9 17.8	-0.89 - 2.9	3.5/29.7	2620	1999 FO ₂₉	2001 10 03.4	00 37.99 -05 35.3 17.6	-0.85 - 2.0	3.1/30.6	35646
2000 FK ₄₇	2001 10 02.8	00 35.48 -08 54.6 19.3	-0.98 - 3.7	4.4/29.0	1590	2000 HK ₁₄	2001 10 03.5	00 38.05 +01 36.1 17.7	-0.83 - 6.9	0.9/02.7	15769
2000 HZ ₇₅	2001 10 02.8	00 35.50 -05 12.3 19.0	-0.95 - 5.9	3.4/29.9	1637	1999 FW ₃₁	2001 10 03.5	00 38.06 +11 27.8 18.1	-0.80 - 7.8	2.2/06.1	3906
2000 DG ₅₄	2001 10 02.8	00 35.62 +02 18.4 17.8	-0.94 - 8.0	0.7/02.3	15691	2000 ES ₁₃₂	2001 10 03.5	00 38.20 -00 33.6 19.0	-0.93 - 6.9	1.8/02.0	14224
1999 GF ₂₅	2001 10 02.8	00 35.70 -00 52.3 17.4	-0.77 - 5.4	1.5/01.3	16037	2000 EH ₁₃₄	2001 10 03.5	00 38.30 -09 09.8 19.2	-0.97 - 4.2	5.2/29.6	5725
1994 TF ₁₀	2001 10 02.8	00 35.82 +06 05.2 19.1	-0.92 - 8.4	0.8/03.6	5408	2000 LK ₂₂	2001 10 03.5	00 38.34 -18 27.7 20.3	-0.90 - 3.9	7.2/26.3	3940
2000 MW	2001 10 02.9	00 35.97 +28 41.2 17.2	-0.91 - 5.0	9.1/11.8	15817	2107 P-L	2001 10 03.6	00 38.48 +11 26.3 18.7	-0.96 - 7.7	2.8/06.1	2800
2000 FR ₄₅	2001 10 02.9	00 35.99 -05 50.9 18.1	-0.93 - 6.3	3.8/29.8	1589	1993 FP ₃₄	2001 10 03.6	00 38.48 +00 34.5 18.2	-0.77 - 3.1	1.0/02.5	16002
2000 EG ₁₅₁	2001 10 02.9	00 36.00 -17 20.4 17.5	-0.96 - 1.8	7.6/26.8	16059	2000 JE ₅₁	2001 10 03.6	00 38.48 +24 05.2 17.6	-0.86 - 6.2	6.6/10.9	16080
2000 GQ ₅₂	2001 10 02.9	00 36.02 +01 54.4 18.4	-1.00 - 4.7	0.7/02.4	16065	1987 SQ ₄	2001 10 03.6	00 38.54 +05 32.7 16.1	-0.70 - 9.2	0.6/04.2	15002
2000 JU ₁₉	2001 10 02.9	00 36.04 +20 13.5 16.5	-0.82 - 9.7	6.3/09.3	15792	1998 TZ	2001 10 03.6	00 38.63 +02 07.3 18.2	-1.06 - 5.7	0.8/03.1	40342
2000 GB ₁₄₂	2001 10 02.9	00 36.08 -08 35.3 17.6	-0.76 - 8.9	4.4/28.4	16070	1998 WF ₈	2001 10 03.6	00 38.68 +16 37.8 17.2	-0.97 - 5.4	5.3/07.7	16025
1993 UJ ₅	2001 10 02.9	00 36.17 -03 51.2 18.3	-0.87 - 5.8	2.7/30.4	15006	2000 KV ₇₁	2001 10 03.6	00 38.69 -19 22.7 15.9	-0.58 - 7.8	10.0/23.9	16084