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NEW OBSERVATORY CODES

The following listing is a continuation to that on MPC 42005. 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	$\rho \cos \phi'$	$\rho \sin \phi'$	Port Allen
929	268.7758	0.86319	+0.50319	Port Allen
937	358.6900	0.58065	+0.81143	Bradbury Observatory, Stockton-on-Tees

CORRECTED OBSERVATIONS

The following observations correct those previously published.

Object	Date	UT	α_{2000}	δ_{2000}	Reference	Mag.	Obs.
2000 HE	* 2000 04 22.91494		12 55 15.81	-01 37 07.4	MPS 14471	19.5 R	461
2000 HE	2000 04 22.92215		12 55 15.45	-01 37 05.6	MPS 14471		461
2000 HE	2000 04 22.93297		12 55 14.98	-01 37 01.6	MPS 14471		461
2000 HE	2000 04 23.92813		12 54 33.91	-01 32 16.0	MPS 14471		461
2000 HE	2000 04 23.94250		12 54 33.21	-01 32 11.5	MPS 14471	19.7 R	461
2000 HE	2000 04 23.95688		12 54 32.59	-01 32 07.5	MPS 14471		461
2000 HE	2000 04 26.97671		12 52 35.52	-01 18 50.0	MPS 14471		461

DELETED OBSERVATIONS

The following observations are to be deleted.

Object	Date	UT	α_{2000}	δ_{2000}	Reference	Obs.
2000 AK ₂₂₁	2000 01 15.21829		07 56 27.47	+23 19 20.3	MPS 9468	691
2000 AK ₂₂₁	2000 01 15.22435		07 56 27.00	+23 19 21.5	MPS 9468	691
2000 AK ₂₂₁	2000 01 15.23047		07 56 26.55	+23 19 22.0	MPS 9468	691
2000 AS ₂₄₅	2000 01 14.26276		07 57 35.13	+23 16 53.3	MPS 10256	691
2000 AS ₂₄₅	2000 01 14.27102		07 57 34.52	+23 16 54.7	MPS 10256	691
2000 AS ₂₄₅	2000 01 14.27872		07 57 33.97	+23 16 55.8	MPS 10256	691
2000 YA ₁₂₆	2001 01 03.29485		07 16 11.86	+19 12 35.0	MPS 25521	691
2000 YA ₁₂₆	2001 01 03.30096		07 16 11.45	+19 12 35.3	MPS 25521	691
2000 YA ₁₂₆	2001 01 03.30672		07 16 11.02	+19 12 35.4	MPS 25521	691
2001 AY ₄₁	* 2001 01 03.39404		09 14 25.17	+19 27 32.8	MPS 25619	691

2001 AY ₄₁	2001 01 03.39998	09 14 24.96	+19 27 33.9	MPS 25619	691
2001 AY ₄₁	2001 01 03.40566	09 14 24.68	+19 27 35.4	MPS 25619	691

IDENTIFICATION CHANGES

Continuation to MPC 42006.

Object	Date	UT	α_{2000}	δ_{2000}	Originally	Mag.	N Obs.
1940 RC ₁	* 1940 09 05.88007		22 07 36.75	+02 58 07.1	1940 RB	14.9	024
1954 WJ ₁	* 1954 11 29.608		02 32.9	+08 17	1954 WR		210
1977 DN ₁₁	* 1977 02 19.57305		10 15 18.41	+13 21 10.2	1977 DC ₃	18.3	381
1977 DN ₁₁	1977 02 19.60701		10 15 15.47	+13 21 09.5	1977 DC ₃	18.3	381
1979 YE ₁₀	* 1979 12 18.86962		04 40 29.94	+16 54 40.6	1979 XM ₁	17.2	095
1982 YL ₅	* 1982 12 22.92358		04 40 41.92	+20 26 19.1	1982 VF ₁₂	17.5	095
1984 FM ₂	* 1984 03 29.67899		14 30 16.31	-12 15 52.0	1997 FA ₅		413
1984 FM ₂	1984 03 29.72066		14 30 15.18	-12 15 40.2	1997 FA ₅		413
1986 CO ₂	* 1986 02 15.03822		09 57 52.83	+22 46 36.2	1986 CM		046
1986 CO ₂	1986 02 15.05556		09 57 51.79	+22 46 39.8	1986 CM		046
1986 TD ₁₉	* 1986 10 03.00940		01 40 05.51	+10 30 54.5	1986 TD ₆	16.0 V	095
1987 BY ₃	* 1987 01 30.17930		06 57 37.82	+28 26 08.6	1987 BL		801
1987 SB ₃₁	* 1987 09 26.89957		00 11 01.38	+06 21 27.6	1987 SK ₂₀	16.0 V	095
1988 DP ₅	* 1988 02 21.21250		10 12 57.03	-02 01 28.2	1988 DB ₃	20.0	809
1988 DP ₅	1988 02 21.22118		10 12 56.48	-02 01 27.8	1988 DB ₃		809
1988 DP ₅	* 1988 02 21.22812		10 12 56.03	-02 01 28.0	1988 DB ₃		809
1988 XB ₆	* 1988 12 13.64236		04 41 45.06	+14 40 04.6	1988 XN ₁	17	372
1988 XB ₆	1988 12 13.65486		04 41 43.79	+14 39 58.3	1988 XN ₁		372
1989 GZ ₈	* 1989 04 04.53950		12 52 54.60	+04 14 25.0	1989 GQ ₅	19.2	474
1989 GZ ₈	1989 04 04.58377		12 52 52.31	+04 14 46.0	1989 GQ ₅		474
1990 SG ₃₀	* 1990 09 23.96873		01 18 23.04	+19 40 38.9	1990 RT ₁₇	16.2	095
1991 GT ₁₄	* 1991 04 03.54236		12 34 55.02	-05 47 56.9	1991 FH ₁		402
1991 GT ₁₄	1991 04 03.55694		12 34 54.15	-05 47 47.6	1991 FH ₁		402
1991 PJ ₃₂	* 1991 08 14.20625		21 50 29.84	-16 33 38.5	1991 PJ ₆	19.0	809
1991 PJ ₃₂	1991 08 14.21944		21 50 29.07	-16 33 43.5	1991 PJ ₆		809
1991 PJ ₃₂	1991 08 14.23264		21 50 28.26	-16 33 48.2	1991 PJ ₆		809
1991 PK ₃₂	* 1991 08 14.20625		21 50 05.85	-15 18 00.8	1991 PR ₆		809
1991 PK ₃₂	1991 08 14.21944		21 50 04.97	-15 18 03.6	1991 PR ₆		809
1991 PK ₃₂	1991 08 14.23264		21 50 04.25	-15 18 05.6	1991 PR ₆		809
1992 AB ₇	* 1992 01 02.09192		01 05 08.88	+08 42 08.0	2000 ES ₁₈	19.9 V	691

1992 AB ₇	1992 01 02.11226	01 05 10.01	+08 42 15.6	2000 ES ₁₈	691	1998 MF ₄₉	1998 06 23.23114	15 38 36.51	-11 28 46.7	1998 MU ₃	20.9 V	691
1992 AB ₇	1992 01 02.13320	01 05 11.36	+08 42 23.7	2000 ES ₁₈	691	1998 MF ₄₉	1998 06 23.25264	15 38 35.78	-11 28 46.4	1998 MU ₃	21.0 V	691
1992 EW ₃₆	* 1992 03 06.16389	10 25 06.82	+13 49 39.9	1992 ED ₃₅	809	1998 QT ₁₁₀	* 1998 08 23.40605	23 49 48.11	+07 36 57.2	1998 QQ ₉₄	19.3	704
1992 EX ₃₆	* 1992 03 06.16389	10 25 58.82	+14 04 15.6	1992 EV ₁₉	18.6	1998 QT ₁₁₀	1998 08 23.41842	23 49 47.51	+07 36 57.3	1998 QQ ₉₄	19.4	704
1993 HM ₉	* 1993 04 16.61791	12 54 45.36	+02 46 57.7	1993 FJ ₃₄	19.1	1998 QT ₁₁₀	1998 08 23.43149	23 49 46.90	+07 36 55.2	1998 QQ ₉₄	19.8	704
1993 HN ₉	* 1993 04 17.48468	11 52 28.40	-05 45 35.3	1993 FO ₆₄	17.5	1998 QU ₁₁₀	* 1998 08 23.28569	21 14 19.04	-10 17 40.5	1998 QJ ₁₅	18.7	704
1994 VR ₈	* 1994 11 03.56875	02 36 42.28	+15 17 48.6	1994 UA ₁	17	1998 QU ₁₁₀	1998 08 23.29773	21 14 18.33	-10 17 42.6	1998 QJ ₁₅	18.7	704
1994 VR ₈	1994 11 03.58490	02 36 41.51	+15 17 46.4	1994 UA ₁	905	1998 QU ₁₁₀	1998 08 23.30979	21 14 17.86	-10 17 42.5	1998 QJ ₁₅	18.7	704
1995 EL ₉	* 1995 03 01.31886	09 23 36.97	+13 55 57.2	1995 DT ₄	691	1998 QU ₁₁₀	1998 08 23.32193	21 14 17.22	-10 17 44.4	1998 QJ ₁₅	19.0	704
1995 EL ₉	1995 03 01.34088	09 23 36.02	+13 55 57.8	1995 DT ₄	18.9 V	1998 QU ₁₁₀	1998 08 23.33387	21 14 16.39	-10 17 46.7	1998 QJ ₁₅	19.1	704
1995 EL ₉	1995 03 01.36290	09 23 35.04	+13 55 59.4	1995 DT ₄	691	1998 SM ₁₆₇	* 1998 09 24.26359	23 47 46.92	+00 00 49.8	1998 RT ₂₁	19.0 V	691
1995 GD ₉	* 1995 04 03.34294	13 48 06.60	-02 59 04.0	1995 FQ ₁₇	18.4 V	1998 SM ₁₆₇	1998 09 24.28446	23 47 45.98	+00 00 43.0	1998 RT ₂₁	19.2 V	691
1995 GD ₉	1995 04 03.37499	13 48 04.80	-02 58 56.1	1995 FQ ₁₇	691	1998 SM ₁₆₇	1998 09 24.30549	23 47 44.96	+00 00 36.3	1998 RT ₂₁	19.0 V	691
1995 GD ₉	1995 04 03.40806	13 48 02.93	-02 58 48.1	1995 FQ ₁₇	691	1998 SN ₁₆₇	* 1998 09 30.00230	01 25 09.61	-00 25 52.2	1998 SW ₁₆₆	18.3 R	046
1995 JB ₂	* 1995 05 08.29675	14 27 14.07	-09 23 52.9	2000 WV ₃₉	691	1998 SN ₁₆₇	1998 09 30.00412	01 25 09.55	-00 25 52.7	1998 SW ₁₆₆		046
1995 JB ₂	1995 05 08.31835	14 27 12.87	-09 23 44.8	2000 WV ₃₉	20.3 V	1998 SN ₁₆₇	1998 09 30.00623	01 25 09.47	-00 25 53.0	1998 SW ₁₆₆		046
1995 JB ₂	1995 05 08.34039	14 27 11.59	-09 23 35.7	2000 WV ₃₉	691	1998 SN ₁₆₇	1998 09 30.00796	01 25 09.37	-00 25 53.9	1998 SW ₁₆₆		046
1995 WQ ₄₃	* 1995 11 22.39042	03 09 50.32	+21 40 04.0	1995 WG ₈	608	1998 SN ₁₆₇	1998 09 30.00983	01 25 09.30	-00 25 54.3	1998 SW ₁₆₆		046
1995 WQ ₄₃	1995 11 22.44800	03 09 46.72	+21 39 47.0	1995 WG ₈	608	1998 SN ₁₆₇	1998 09 30.01293	01 25 09.08	-00 25 55.0	1998 SW ₁₆₆		046
1996 FE ₂₄	* 1996 03 17.25679	10 28 50.79	+11 00 22.7	1996 EF ₁₅	20.8 V	1998 SO ₁₆₇	* 1998 09 16.28075	00 11 10.75	-00 28 34.7	1998 RV ₈₀	18.6 R	699
1996 FE ₂₄	1996 03 17.28457	10 28 49.70	+11 00 29.3	1996 EF ₁₅	691	1998 SO ₁₆₇	1998 09 16.30310	00 11 09.34	-00 28 35.7	1998 RV ₈₀		699
1996 FE ₂₄	1996 03 17.30662	10 28 48.83	+11 00 34.6	1996 EF ₁₅	691	1998 SO ₁₆₇	1998 09 16.32546	00 11 07.96	-00 28 34.7	1998 RV ₈₀		699
1996 FF ₂₄	* 1996 03 26.25278	14 20 01.59	-15 16 33.1	1996 FP ₁₇	18.7	1998 SP ₁₆₇	* 1998 09 18.31956	00 04 31.13	-03 02 50.3	1998 RR ₅₇	18.8	704
1996 FF ₂₄	1996 03 26.26458	14 20 01.28	-15 16 32.4	1996 FP ₁₇	809	1998 SP ₁₆₇	1998 09 18.33258	00 04 30.23	-03 02 50.1	1998 RR ₅₇	18.8	704
1996 FF ₂₄	1996 03 26.27639	14 20 00.91	-15 16 30.3	1996 FP ₁₇	809	1998 SP ₁₆₇	1998 09 18.34568	00 04 29.62	-03 02 50.0	1998 RR ₅₇	19.3	704
1996 RZ ₃₃	* 1996 09 12.24395	23 08 52.93	-00 38 30.9	2000 WV ₃₉	691	1998 SP ₁₆₇	1998 09 18.35900	00 04 28.73	-03 02 49.9	1998 RR ₅₇	19.5	704
1996 RZ ₃₃	1996 09 12.26503	23 08 51.85	-00 38 40.1	2000 WV ₃₉	691	1998 SP ₁₆₇	1998 09 18.37181	00 04 27.66	-03 02 49.6	1998 RR ₅₇	19.9	704
1996 RZ ₃₃	1996 09 12.28613	23 08 50.77	-00 38 50.3	2000 WV ₃₉	20.1 V	1998 SQ ₁₆₇	* 1998 09 26.43213	02 05 43.04	+14 25 49.5	1998 SK ₁₆₆	19.5 V	691
1996 TA ₆₉	* 1996 10 15.43835	02 49 32.21	+17 43 05.6	1996 TU ₄₆	691	1998 SQ ₁₆₇	1998 09 26.45433	02 05 42.17	+14 25 51.0	1998 SK ₁₆₆	19.5 V	691
1996 TA ₆₉	1996 10 15.44420	02 49 31.94	+17 43 04.2	1996 TU ₄₆	691	1998 SQ ₁₆₇	1998 09 26.47647	02 05 41.33	+14 25 52.5	1998 SK ₁₆₆	19.3 V	691
1996 TA ₆₉	1996 10 15.45377	02 49 31.46	+17 43 03.3	1996 TU ₄₆	20.0 V	1998 VG ₅₆	* 1998 11 14.23213	03 10 54.78	+16 25 56.4	1998 VR ₄₅	18.2 V	691
1998 AS ₁₁	* 1998 01 07.31910	06 58 00.20	+14 42 00.2	4190 P-L	19.6 V	1998 VG ₅₆	1998 11 14.25382	03 10 53.45	+16 25 49.1	1998 VR ₄₅	18.2 V	691
1998 AS ₁₁	1998 01 07.32650	06 57 59.69	+14 42 00.2	4190 P-L	20.2 V	1998 VG ₅₆	1998 11 14.27632	03 10 52.09	+16 25 41.4	1998 VR ₄₅	18.2 V	691
1998 AS ₁₁	1998 01 07.33720	06 57 59.20	+14 42 03.0	4190 P-L	19.4 V	1998 WX ₄₂	* 1998 11 19.06463	23 58 39.62	-00 51 26.7	4770 P-L	19.1 V	691
1998 FA ₁₄₉	* 1998 03 26.13911	11 02 33.44	+06 15 14.6	1998 FO ₁₂₉	19.1	1998 WX ₄₂	1998 11 19.08535	23 58 39.58	-00 51 21.7	4770 P-L	19.0 V	691
1998 FA ₁₄₉	1998 03 26.15958	11 02 32.60	+06 15 19.1	1998 FO ₁₂₉	19.1	1998 WX ₄₂	1998 11 19.10658	23 58 39.55	-00 51 16.3	4770 P-L	19.0 V	691
1998 FA ₁₄₉	1998 03 26.17976	11 02 31.62	+06 15 25.0	1998 FO ₁₂₉	19.6	1998 WY ₄₂	* 1998 11 19.13853	03 10 17.83	+18 02 02.0	2000 GT ₄₆	21.0 V	691
1998 FB ₁₄₉	* 1998 03 28.63738	10 25 24.90	+04 38 17.9	1998 FF ₁₄₅	327	1998 WY ₄₂	1998 11 19.16054	03 10 16.68	+18 01 56.9	2000 GT ₄₆	20.8 V	691
1998 FB ₁₄₉	1998 03 28.65163	10 25 24.47	+04 38 19.7	1998 FF ₁₄₅	18.5	1998 WY ₄₂	1998 11 19.18249	03 10 15.57	+18 01 51.8	2000 GT ₄₆	21.0 V	691
1998 FB ₁₄₉	1998 03 28.66597	10 25 24.01	+04 38 22.3	1998 FF ₁₄₅	327	1998 WZ ₄₂	* 1998 11 19.14012	03 12 35.58	+18 03 08.6	1998 VB ₄₇	19.3 V	691
1998 FC ₁₄₉	* 1998 03 29.28117	12 27 10.09	-02 27 40.1	1992 PF	18.2	1998 WZ ₄₂	1998 11 19.16212	03 12 34.24	+18 03 07.6	1998 VB ₄₇	19.3 V	691
1998 FC ₁₄₉	1998 03 29.30157	12 27 08.88	-02 27 35.1	1992 PF	18.6	1998 WZ ₄₂	1998 11 19.18408	03 12 33.00	+18 03 05.2	1998 VB ₄₇	18.8 V	691
1998 FC ₁₄₉	1998 03 29.32168	12 27 07.74	-02 27 40.3	1992 PF	18.2	1999 AX ₃₈	* 1999 01 13.10761	01 58 09.84	+10 32 13.1	1998 TU ₃₄	20.2 V	691
1998 FC ₁₄₉	1998 03 29.34205	12 27 06.65	-02 27 36.8	1992 PF	18.5	1999 AX ₃₈	1999 01 13.13929	01 58 11.17	+10 32 23.4	1998 TU ₃₄	20.0 V	691
1998 FC ₁₄₉	1998 03 29.36230	12 27 05.57	-02 27 34.0	1992 PF	18.5	1999 AX ₃₈	1999 01 13.17157	01 58 12.54	+10 32 33.5	1998 TU ₃₄	20.1 V	691
1998 FD ₁₄₉	* 1998 03 20.12791	11 09 16.43	+04 33 26.0	1996 TJ ₁₁	19.0	1999 AX ₃₈	1999 01 14.09729	01 58 53.45	+10 37 32.6	1998 TU ₃₄	20.3 V	691
1998 FD ₁₄₉	1998 03 20.14818	11 09 15.21	+04 33 30.6	1996 TJ ₁₁	19.4	1999 AX ₃₈	1999 01 14.12880	01 58 54.83	+10 37 42.9	1998 TU ₃₄	20.5 V	691
1998 FD ₁₄₉	1998 03 20.16839	11 09 14.02	+04 33 33.3	1996 TJ ₁₁	19.3	1999 AX ₃₈	1999 01 14.16035	01 58 56.22	+10 37 52.8	1998 TU ₃₄	20.4 V	691
1998 FD ₁₄₉	1998 03 20.18850	11 09 13.02	+04 33 31.3	1996 TJ ₁₁	19.3	1999 BB ₃₅	* 1999 01 23.23617	08 14 16.80	+21 10 52.9	1999 BO ₃₄	18.7 V	691
1998 JE ₅	* 1998 05 02.24899	13 26 14.08	-02 23 51.8	1998 HV ₄₂	19.7 V	1999 BB ₃₅	1999 01 23.25875	08 14 15.20	+21 10 54.9	1999 BO ₃₄	18.8 V	691
1998 JE ₅	1998 05 02.25649	13 26 13.72	-02 23 51.3	1998 HV ₄₂	19.6 V	1999 BB ₃₅	1999 01 23.28122	08 14 13.59	+21 10 56.8	1999 BO ₃₄	18.7 V	691
1998 JE ₅	1998 05 02.26438	13 26 13.39	-02 23 50.6	1998 HV ₄₂	19.6 V	1999 BC ₃₅	* 1999 01 17.31690	09 12 31.28	-00 33 31.4	1999 CG ₁₀₅	17.9 R	699
1998 MF ₄₉	* 1998 06 23.20980	15 38 37.33	-11 28 47.6	1998 MU ₃	21.0 V	1999 BC ₃₅	1999 01 17.33475	09 12 30.37	-00 33 34.6	1999 CG ₁₀₅		699

1999 BC ₃₅	1999 01 17.35258	09 12 29.47	-00 33 38.2	1999 CG ₁₀₅	699	1999 RL ₂₅₆	1999 09 14.30817	23 56 56.48	-00 57 08.1	1999 RC ₈₇	18.6	704	
1999 CP ₁₅₈	* 1999 02 09.21308	09 17 43.26	+13 29 51.1	1999 CS ₂	18.2	732	1999 RM ₂₅₆	* 1999 09 14.26923	23 50 06.09	-05 11 50.7	1999 RA ₈₄	19.5	704
1999 CP ₁₅₈	1999 02 09.21771	09 17 42.93	+13 29 54.2	1999 CS ₂	17.9	732	1999 RM ₂₅₆	1999 09 14.28195	23 50 05.27	-05 11 53.4	1999 RA ₈₄	20.0	704
1999 CP ₁₅₈	1999 02 09.22243	09 17 42.64	+13 29 54.4	1999 CS ₂	20.6	732	1999 RM ₂₅₆	1999 09 14.29471	23 50 04.65	-05 11 54.6	1999 RA ₈₄	19.4	704
1999 HU ₁₂	* 1999 04 16.35576	12 36 55.41	+08 24 07.9	1999 GM ₁₈	19.0	704	1999 RM ₂₅₆	1999 09 14.30755	23 50 03.85	-05 11 57.0	1999 RA ₈₄	19.6	704
1999 HU ₁₂	1999 04 16.37856	12 36 54.12	+08 24 09.4	1999 GM ₁₈	18.1	704	1999 RN ₂₅₆	* 1999 09 13.42028	23 48 53.36	-01 42 21.2	1999 RG ₃₇	18.9 R	734
1999 HU ₁₂	1999 04 16.39078	12 36 53.51	+08 24 14.0	1999 GM ₁₈	18.1	704	1999 RN ₂₅₆	1999 09 13.42385	23 48 53.17	-01 42 22.4	1999 RG ₃₇	18.4 R	734
1999 HU ₁₂	1999 04 16.40308	12 36 52.90	+08 24 14.1	1999 GM ₁₈	18.2	704	1999 RN ₂₅₆	1999 09 13.42748	23 48 52.92	-01 42 24.2	1999 RG ₃₇	18.7 R	734
1999 HV ₁₂	* 1999 04 21.29833	14 27 01.25	-14 21 15.6	1999 GL ₅₇	20.1 V	691	1999 RO ₂₅₆	* 1999 09 14.20164	23 29 24.68	-02 13 29.0	1999 RZ ₁₈₆	18.5	704
1999 HV ₁₂	1999 04 21.32027	14 26 59.97	-14 21 11.3	1999 GL ₅₇	20.1 V	691	1999 RO ₂₅₆	1999 09 14.21445	23 29 23.97	-02 13 31.7	1999 RZ ₁₈₆	19.1	704
1999 HV ₁₂	1999 04 21.34251	14 26 58.65	-14 21 06.7	1999 GL ₅₇	20.2 V	691	1999 RO ₂₅₆	1999 09 14.22744	23 29 23.12	-02 13 33.3	1999 RZ ₁₈₆	18.9	704
1999 JF ₁₃₇	* 1999 05 12.27912	14 30 02.74	-09 29 48.2	1999 JT ₁₂₈	20.0	704	1999 RO ₂₅₆	1999 09 14.24024	23 29 22.29	-02 13 34.0	1999 RZ ₁₈₆	19.2	704
1999 JF ₁₃₇	1999 05 18.19865	14 23 35.77	-09 31 50.1	1999 JT ₁₂₈	19.4	704	1999 RO ₂₅₆	1999 09 14.25331	23 29 21.53	-02 13 37.3	1999 RZ ₁₈₆	19.2	704
1999 JF ₁₃₇	1999 05 18.21263	14 23 35.01	-09 31 50.0	1999 JT ₁₂₈	20.0	704	1999 RP ₂₅₆	* 1999 09 14.20921	22 39 47.27	-07 57 53.9	1999 RV ₇₇	19.3	704
1999 KL ₁₉	* 1999 05 18.21887	14 00 12.82	-12 59 26.5	1999 JT ₁₃₂	20.6 V	691	1999 RP ₂₅₆	1999 09 14.22211	22 39 46.64	-07 57 56.6	1999 RV ₇₇	19.2	704
1999 KL ₁₉	1999 05 18.24018	14 00 11.68	-12 59 22.0	1999 JT ₁₃₂	20.3 V	691	1999 RP ₂₅₆	1999 09 14.24792	22 39 45.44	-07 57 59.1	1999 RV ₇₇	19.2	704
1999 KL ₁₉	1999 05 18.26181	14 00 10.56	-12 59 17.4	1999 JT ₁₃₂	20.4 V	691	1999 RQ ₂₅₆	* 1999 09 14.25682	23 48 37.82	-01 34 51.5	1999 RY ₉₆	18.6	704
1999 KM ₁₉	* 1999 05 19.18304	14 02 31.80	-16 11 25.6	1999 JZ ₁₂₉	18.6	704	1999 RQ ₂₅₆	1999 09 14.26946	23 48 37.25	-01 34 54.7	1999 RY ₉₆	19.0	704
1999 KM ₁₉	1999 05 19.19700	14 02 31.18	-16 11 23.6	1999 JZ ₁₂₉	18.6	704	1999 RQ ₂₅₆	1999 09 14.28218	23 48 36.73	-01 34 57.9	1999 RY ₉₆	19.4	704
1999 KM ₁₉	1999 05 19.21092	14 02 30.56	-16 11 20.8	1999 JZ ₁₂₉	18.8	704	1999 RQ ₂₅₆	1999 09 14.29495	23 48 36.06	-01 35 01.4	1999 RY ₉₆	19.1	704
1999 PQ ₈	* 1999 08 07.30117	21 16 23.14	-15 32 26.0	1999 PK ₅	17.9 R	699	1999 RQ ₂₅₆	1999 09 14.30778	23 48 35.54	-01 35 04.0	1999 RY ₉₆	18.8	704
1999 PQ ₈	1999 08 07.32663	21 16 21.87	-15 32 31.0	1999 PK ₅	699	699	1999 RR ₂₅₆	* 1999 09 14.25808	00 10 18.78	-05 37 09.9	1999 RX ₈₉	17.6	704
1999 PQ ₈	1999 08 07.35208	21 16 20.70	-15 32 38.4	1999 PK ₅	699	699	1999 RR ₂₅₆	1999 09 14.27073	00 10 18.21	-05 37 16.7	1999 RX ₈₉	18.1	704
1999 QE ₃	* 1999 08 21.40372	23 25 09.65	-04 37 58.4	1999 QK ₁	20.4 V	691	1999 RR ₂₅₆	1999 09 14.28345	00 10 17.62	-05 37 24.0	1999 RX ₈₉	18.2	704
1999 QE ₃	1999 08 21.43094	23 25 08.46	-04 38 02.5	1999 QK ₁	20.3 V	691	1999 RR ₂₅₆	1999 09 14.29625	00 10 16.99	-05 37 30.7	1999 RX ₈₉	18.0	704
1999 QE ₃	1999 08 21.45699	23 25 07.26	-04 38 08.0	1999 QK ₁	20.4 V	691	1999 RR ₂₅₆	1999 09 14.30908	00 10 16.45	-05 37 36.7	1999 RX ₈₉	17.6	704
1999 RE ₂₅₆	* 1999 09 14.25544	23 38 45.83	-00 46 46.9	1999 RZ ₈₂	18.9	704	1999 RS ₂₅₆	* 1999 09 14.27203	00 20 10.03	+02 03 57.9	1999 RW ₂₄₈	19.3	704
1999 RE ₂₅₆	1999 09 14.26811	23 38 45.08	-00 46 49.5	1999 RZ ₈₂	19.1	704	1999 RS ₂₅₆	1999 09 14.28474	00 20 09.47	+02 03 54.2	1999 RW ₂₄₈	18.4	704
1999 RE ₂₅₆	1999 09 14.28080	23 38 44.36	-00 46 52.0	1999 RZ ₈₂	19.1	704	1999 RS ₂₅₆	1999 09 14.29755	00 20 08.91	+02 03 50.4	1999 RW ₂₄₈	19.1	704
1999 RE ₂₅₆	1999 09 14.29355	23 38 43.58	-00 46 53.7	1999 RZ ₈₂	19.5	704	1999 RS ₂₅₆	1999 09 14.31042	00 20 08.35	+02 03 46.6	1999 RW ₂₄₈	19.3	704
1999 RE ₂₅₆	1999 09 14.30640	23 38 42.89	-00 46 54.9	1999 RZ ₈₂	19.5	704	1999 RT ₂₅₆	* 1999 09 15.00920	01 30 54.50	+10 57 34.1	1999 RP ₂₁₅	18.2 R	561
1999 RF ₂₅₆	* 1999 09 14.82817	22 14 37.95	-05 43 11.0	1999 RU ₄₂	17.0	106	1999 RT ₂₅₆	1999 09 15.01140	01 30 54.42	+10 57 33.5	1999 RP ₂₁₅	18.2 R	561
1999 RF ₂₅₆	1999 09 14.84285	22 14 37.18	-05 43 12.6	1999 RU ₄₂	17.2	106	1999 RT ₂₅₆	1999 09 15.01429	01 30 54.35	+10 57 32.7	1999 RP ₂₁₅	18.1 R	561
1999 RF ₂₅₆	1999 09 14.85751	22 14 36.42	-05 43 14.4	1999 RU ₄₂	17.2	106	1999 RU ₂₅₆	* 1999 09 14.19361	22 18 45.07	-07 47 06.3	1999 RK ₁₄₈	18.3	704
1999 RG ₂₅₆	* 1999 09 14.27112	00 01 07.54	+00 36 49.4	1999 RJ ₂₄₇	19.4	704	1999 RU ₂₅₆	1999 09 14.20641	22 18 44.46	-07 47 11.6	1999 RK ₁₄₈	19.2	704
1999 RG ₂₅₆	1999 09 14.28383	00 01 06.89	+00 36 44.4	1999 RJ ₂₄₇	18.9	704	1999 RU ₂₅₆	1999 09 14.21925	22 18 43.92	-07 47 16.7	1999 RK ₁₄₈	18.9	704
1999 RG ₂₅₆	1999 09 14.29664	00 01 06.40	+00 36 40.5	1999 RJ ₂₄₇	19.4	704	1999 RU ₂₅₆	1999 09 14.23215	22 18 43.39	-07 47 20.7	1999 RK ₁₄₈	18.5	704
1999 RG ₂₅₆	1999 09 14.30949	00 01 05.76	+00 36 37.7	1999 RJ ₂₄₇	19.0	704	1999 RU ₂₅₆	1999 09 14.24505	22 18 42.70	-07 47 25.7	1999 RK ₁₄₈	19.3	704
1999 RH ₂₅₆	* 1999 09 10.34613	23 22 26.49	-13 06 23.4	1999 RK ₁₈₆	18.3	704	1999 RV ₂₅₆	* 1999 09 03.24499	23 58 30.12	-00 41 24.6	1999 QS ₁	17.5 R	734
1999 RH ₂₅₆	1999 09 10.35726	23 22 25.80	-13 06 31.1	1999 RK ₁₈₆	18.0	704	1999 RV ₂₅₆	1999 09 03.25108	23 58 29.83	-00 41 24.9	1999 QS ₁	17.9 R	734
1999 RH ₂₅₆	1999 09 10.36847	23 22 25.18	-13 06 36.7	1999 RK ₁₈₆	18.5	704	1999 RV ₂₅₆	1999 09 03.25587	23 58 29.61	-00 41 25.9	1999 QS ₁	17.5 R	734
1999 RJ ₂₅₆	* 1999 09 13.22257	21 21 02.53	-12 12 25.2	1999 RV ₁₂₁	19.1	704	1999 RV ₂₅₆	1999 09 03.26097	23 58 29.31	-00 41 27.2	1999 QS ₁	17.6 R	734
1999 RJ ₂₅₆	1999 09 13.23430	21 21 02.14	-12 12 27.5	1999 RV ₁₂₁	19.7	704	1999 RV ₂₅₆	1999 09 03.26628	23 58 29.08	-00 41 27.8	1999 QS ₁	17.8 R	734
1999 RJ ₂₅₆	1999 09 13.24569	21 21 01.75	-12 12 29.6	1999 RV ₁₂₁	19.4	704	1999 RW ₂₅₆	* 1999 09 07.39453	23 35 48.50	-00 09 40.4	1999 TS ₃₀₆	19.0	704
1999 RJ ₂₅₆	1999 09 13.25779	21 21 01.37	-12 12 30.8	1999 RV ₁₂₁	19.4	704	1999 RW ₂₅₆	1999 09 07.40595	23 35 47.94	-00 09 42.0	1999 TS ₃₀₆	19.3	704
1999 RK ₂₅₆	* 1999 09 13.33303	00 25 40.30	+25 31 14.4	1999 RO ₂₃₈	19.0 R	703	1999 RW ₂₅₆	1999 09 07.44014	23 35 46.44	-00 09 49.2	1999 TS ₃₀₆	19.8	704
1999 RK ₂₅₆	1999 09 13.34410	00 25 39.78	+25 31 12.7	1999 RO ₂₃₈	18.6 R	703	1999 RX ₂₅₆	* 1999 09 14.25593	23 43 19.00	-02 05 57.5	1999 TV ₆₄	19.2	704
1999 RK ₂₅₆	1999 09 13.35516	00 25 39.29	+25 31 11.0	1999 RO ₂₃₈	18.9 R	703	1999 RX ₂₅₆	1999 09 14.26857	23 43 18.33	-02 06 00.7	1999 TV ₆₄	19.8	704
1999 RK ₂₅₆	1999 09 13.36630	00 25 38.77	+25 31 10.5	1999 RO ₂₃₈	19.2 R	703	1999 RX ₂₅₆	1999 09 14.30686	23 43 16.14	-02 06 08.1	1999 TV ₆₄	19.6	704
1999 RL ₂₅₆	* 1999 09 14.25721	23 56 59.19	-00 56 49.2	1999 RC ₈₇	18.4	704	1999 RY ₂₅₆	* 1999 09 14.25823	00 02 45.48	-03 30 42.0	1999 RJ ₉₈	19.0	704
1999 RL ₂₅₆	1999 09 14.26984	23 56 58.53	-00 56 53.0	1999 RC ₈₇	18.7	704	1999 RY ₂₅₆	1999 09 14.27089	00 02 44.56	-03 30 43.5	1999 RJ ₉₈	19.7	704
1999 RL ₂₅₆	1999 09 14.28256	23 56 57.82	-00 56 57.4	1999 RC ₈₇	19.2	704	1999 RY ₂₅₆	1999 09 14.28360	00 02 43.66	-03 30 44.5	1999 RJ ₉₈	19.6	704
1999 RL ₂₅₆	1999 09 14.29536	23 56 57.19	-00 57 03.2	1999 RC ₈₇	19.1	704	1999 RY ₂₅₆	1999 09 14.29640	00 02 42.84	-03 30 46.0	1999 RJ ₉₈	19.6	704

1999 RY ₂₅₆	1999 09 14.32244	00 02 41.21	-03 30 48.4	1999 RJ ₉₈	18.8 R	703	1999 TG ₃₂₄ *	1999 10 07.01653	00 47 47.68	+00 02 00.4	1999 TP ₁₀	18.5 R	159
1999 RY ₂₅₆	1999 09 14.33347	00 02 40.45	-03 30 49.7	1999 RJ ₉₈	19.8 R	703	1999 TG ₃₂₄	1999 10 07.01932	00 47 47.42	+00 01 59.9	1999 TP ₁₀	18.5 R	159
1999 RY ₂₅₆	1999 09 14.34450	00 02 39.60	-03 30 50.9	1999 RJ ₉₈	19.2 R	703	1999 TG ₃₂₄	1999 10 07.02501	00 47 47.28	+00 01 58.6	1999 TP ₁₀	18.3 R	159
1999 RY ₂₅₆	1999 09 14.35566	00 02 38.94	-03 30 51.8	1999 RJ ₉₈	18.9 R	703	1999 TG ₃₂₄	1999 10 07.02826	00 47 47.12	+00 01 57.3	1999 TP ₁₀	18.7 R	159
1999 SP ₂₇	* 1999 09 18.41273	02 04 24.52	+22 01 10.3	1999 RD ₂₄₂	18.6 R	699	1999 TG ₃₂₄	1999 10 07.03414	00 47 46.70	+00 01 56.5	1999 TP ₁₀	18.7 R	159
1999 SP ₂₇	1999 09 18.42549	02 04 24.09	+22 01 11.5	1999 RD ₂₄₂		699	1999 TH ₃₂₄ *	1999 10 07.31655	00 41 09.26	+11 22 42.8	1999 TV ₁₁₇	19.0	704
1999 SP ₂₇	1999 09 18.43824	02 04 23.73	+22 01 13.8	1999 RD ₂₄₂		699	1999 TH ₃₂₄	1999 10 07.32699	00 41 08.69	+11 22 37.5	1999 TV ₁₁₇	19.2	704
1999 SQ ₂₇	* 1999 09 16.31692	00 00 40.53	+01 30 12.1	1999 RY ₂₄₉	20.7 V	691	1999 TH ₃₂₄	1999 10 07.33774	00 41 08.17	+11 22 33.9	1999 TV ₁₁₇	19.1	704
1999 SQ ₂₇	1999 09 16.33960	00 00 39.45	+01 30 05.7	1999 RY ₂₄₉	21.0 V	691	1999 TH ₃₂₄	1999 10 07.34825	00 41 07.56	+11 22 28.4	1999 TV ₁₁₇	19.2	704
1999 SQ ₂₇	1999 09 16.36091	00 00 38.46	+01 30 00.6	1999 RY ₂₄₉	21.0 V	691	1999 TJ ₃₂₄ *	1999 10 09.24167	00 45 20.10	+14 05 05.6	1999 TJ ₂₃₄	19.2 R	703
1999 SR ₂₇	* 1999 09 18.26056	00 48 07.32	+15 55 03.0	1999 RM ₂₀₈	18.3	704	1999 TJ ₃₂₄	1999 10 09.25362	00 45 19.55	+14 04 58.1	1999 TJ ₂₃₄	18.8 R	703
1999 SR ₂₇	1999 09 18.27339	00 48 06.69	+15 55 01.0	1999 RM ₂₀₈	18.5	704	1999 TJ ₃₂₄	1999 10 09.26560	00 45 18.87	+14 04 51.1	1999 TJ ₂₃₄	18.9 R	703
1999 SR ₂₇	1999 09 18.28606	00 48 06.17	+15 55 00.2	1999 RM ₂₀₈	18.5	704	1999 TJ ₃₂₄	1999 10 09.27750	00 45 18.37	+14 04 45.7	1999 TJ ₂₃₄	18.8 R	703
1999 SR ₂₇	1999 09 18.29883	00 48 05.56	+15 54 58.4	1999 RM ₂₀₈	18.6	704	1999 TK ₃₂₄ *	1999 10 10.18942	23 50 01.30	+10 18 32.7	1999 TC ₁₁₀	19.5	704
1999 SR ₂₇	1999 09 18.31162	00 48 04.98	+15 54 56.8	1999 RM ₂₀₈	18.8	704	1999 TK ₃₂₄	1999 10 10.20487	23 50 00.65	+10 18 24.0	1999 TC ₁₁₀	19.6	704
1999 SS ₂₇	* 1999 09 25.08141	01 26 24.02	+09 29 11.2	1999 ST ₂		557	1999 TK ₃₂₄	1999 10 10.22033	23 50 00.01	+10 18 15.9	1999 TC ₁₁₀	19.4	704
1999 SS ₂₇	1999 09 25.09021	01 26 23.66	+09 29 09.2	1999 ST ₂	18.7 V	557	1999 TK ₃₂₄	1999 10 10.23575	23 49 59.29	+10 18 07.2	1999 TC ₁₁₀	19.8	704
1999 ST ₂₇	* 1999 09 19.33786	23 23 14.35	-04 37 54.0	1999 SK ₁₃	20.4 R	1 658	1999 TK ₃₂₄	1999 10 10.25119	23 49 58.67	+10 18 00.3	1999 TC ₁₁₀	19.6	704
1999 ST ₂₇	1999 09 19.34235	23 23 14.12	-04 37 55.8	1999 SK ₁₃		1 658	1999 TL ₃₂₄ *	1999 10 10.18990	23 40 28.21	-00 46 19.3	1999 TN ₆₀	19.5 V	691
1999 ST ₂₇	1999 09 19.34734	23 23 14.00	-04 37 57.2	1999 SK ₁₃		1 658	1999 TL ₃₂₄	1999 10 10.21141	23 40 27.37	-00 46 24.8	1999 TN ₆₀	19.8 V	691
1999 TW ₃₂₃ *	1999 10 09.22652	23 40 37.14	-01 26 20.6	1999 TT ₅₀	20.0 V	691	1999 TL ₃₂₄	1999 10 10.23326	23 40 26.50	-00 46 30.2	1999 TN ₆₀	19.9 V	691
1999 TW ₃₂₃	1999 10 09.24830	23 40 36.08	-01 26 28.6	1999 TT ₅₀	20.0 V	691	1999 TM ₃₂₄ *	1999 10 11.18112	23 20 34.21	-00 39 29.2	1999 TP ₅₉	21.0 V	691
1999 TW ₃₂₃	1999 10 09.26989	23 40 35.04	-01 26 36.3	1999 TT ₅₀	20.7 V	691	1999 TM ₃₂₄	1999 10 11.20267	23 20 33.28	-00 39 33.8	1999 TP ₅₉	20.9 V	691
1999 TX ₃₂₃ *	1999 10 06.84287	01 46 09.01	+09 09 16.3	1999 TX ₅	18.4 V	104	1999 TM ₃₂₄	1999 10 11.22413	23 20 32.32	-00 39 38.2	1999 TP ₅₉	21.4 V	691
1999 TX ₃₂₃	1999 10 06.84747	01 46 08.78	+09 09 14.0	1999 TX ₅		104	1999 TN ₃₂₄ *	1999 10 12.18146	23 43 35.68	+00 06 01.8	1999 TG ₃₀₆	21.1 V	691
1999 TX ₃₂₃	1999 10 06.85210	01 46 08.53	+09 09 12.2	1999 TX ₅		104	1999 TN ₃₂₄	1999 10 12.20279	23 43 34.50	+00 05 58.0	1999 TG ₃₀₆	21.4 V	691
1999 TX ₃₂₃	1999 10 06.85854	01 46 08.13	+09 09 09.6	1999 TX ₅		104	1999 TN ₃₂₄	1999 10 12.22446	23 43 33.34	+00 05 54.1	1999 TG ₃₀₆	21.1 V	691
1999 TY ₃₂₃	1999 10 07.30757	00 00 53.78	-03 26 22.1	1999 TF ₈₉	18.9	704	1999 TO ₃₂₄ *	1999 10 12.24401	00 57 07.18	+03 15 15.5	1999 TC ₂₅₃	19.7 V	691
1999 TY ₃₂₃ *	1999 10 07.31820	00 00 53.38	-03 26 25.8	1999 TF ₈₉	19.0	704	1999 TO ₃₂₄	1999 10 12.26482	00 57 06.12	+03 15 10.0	1999 TC ₂₅₃	19.6 V	691
1999 TY ₃₂₃	1999 10 07.32867	00 00 52.94	-03 26 31.4	1999 TF ₈₉	19.2	704	1999 TO ₃₂₄	1999 10 12.28590	00 57 05.06	+03 15 04.3	1999 TC ₂₅₃	19.6 V	691
1999 TY ₃₂₃	1999 10 07.33940	00 00 52.51	-03 26 35.3	1999 TF ₈₉	18.9	704	1999 TP ₃₂₄ *	1999 10 12.37180	02 12 26.66	+12 10 43.6	1999 TW ₂₅₁	21.3 V	691
1999 TY ₃₂₃	1999 10 07.34992	00 00 52.14	-03 26 38.1	1999 TF ₈₉	19.0	704	1999 TP ₃₂₄	1999 10 12.39368	02 12 25.45	+12 10 39.7	1999 TW ₂₅₁	21.1 V	691
1999 TZ ₃₂₃ *	1999 10 15.87398	04 03 39.70	+19 38 01.4	1999 TH ₁₈		327	1999 TP ₃₂₄	1999 10 12.41618	02 12 24.24	+12 10 36.1	1999 TW ₂₅₁	20.9 V	691
1999 TZ ₃₂₃	1999 10 15.88346	04 03 39.77	+19 38 02.1	1999 TH ₁₈		327	1999 TP ₃₂₄	1999 10 12.41618	02 12 24.24	+12 10 36.1	1999 TW ₂₅₁	20.9 V	691
1999 TA ₃₂₄ *	1999 10 10.29038	02 25 10.88	+15 38 33.8	1999 TG ₁₄₀	20.0	704	1999 TQ ₃₂₄ *	1999 10 12.43184	02 57 00.59	+16 16 34.5	1999 TF ₆₂	19.8 V	691
1999 TA ₃₂₄	1999 10 10.30620	02 25 10.18	+15 38 31.6	1999 TG ₁₄₀	19.7	704	1999 TQ ₃₂₄	1999 10 12.45447	02 56 59.67	+16 16 34.4	1999 TF ₆₂	19.7 V	691
1999 TA ₃₂₄	1999 10 10.32110	02 25 09.41	+15 38 30.3	1999 TG ₁₄₀	20.0	704	1999 TQ ₃₂₄	1999 10 12.47632	02 56 58.78	+16 16 34.0	1999 TF ₆₂	20.0 V	691
1999 TA ₃₂₄	1999 10 10.33707	02 25 08.75	+15 38 27.1	1999 TG ₁₄₀	19.9	704	1999 TR ₃₂₄ *	1999 10 13.29732	02 01 37.24	+12 56 25.0	1999 TN ₇₁	21.4 V	691
1999 TC ₃₂₄ *	1999 10 09.22818	23 43 00.68	-01 32 47.0	1999 TZ ₅₀	18.9 V	691	1999 TR ₃₂₄	1999 10 13.30172	02 01 36.99	+12 56 23.7	1999 TN ₇₁	21.7 V	691
1999 TC ₃₂₄	1999 10 09.24996	23 42 59.82	-01 32 53.1	1999 TZ ₅₀	18.8 V	691	1999 TR ₃₂₄	1999 10 13.30572	02 01 36.77	+12 56 22.5	1999 TN ₇₁	21.6 V	691
1999 TC ₃₂₄	1999 10 09.27155	23 42 58.95	-01 32 59.1	1999 TZ ₅₀	18.8 V	691	1999 TS ₃₂₄ *	1999 10 13.90713	01 15 37.16	+08 15 07.3	1999 TF ₁₅		557
1999 TD ₃₂₄ *	1999 10 09.22830	23 43 11.46	-01 30 39.4	1999 TA ₅₁	20.5 V	691	1999 TS ₃₂₄	1999 10 13.92382	01 15 36.38	+08 15 02.4	1999 TF ₁₅		S 557
1999 TD ₃₂₄	1999 10 09.25009	23 43 10.67	-01 30 45.8	1999 TA ₅₁	20.6 V	691	1999 TT ₃₂₄ *	1999 10 13.91882	23 30 21.16	-02 08 37.0	1999 TT ₃₀₆	20.5 V	2 012
1999 TD ₃₂₄	1999 10 09.27168	23 43 09.88	-01 30 51.9	1999 TA ₅₁	20.5 V	691	1999 TT ₃₂₄	1999 10 13.92336	23 30 21.06	-02 08 37.0	1999 TT ₃₀₆	20.2 V	2 012
1999 TE ₃₂₄ *	1999 10 06.24492	01 06 24.17	+09 01 36.6	1999 TV ₂₂₄	19.9	704	1999 TT ₃₂₄	1999 10 13.92800	23 30 20.88	-02 08 38.5	1999 TT ₃₀₆	20.0 V	2 012
1999 TE ₃₂₄	1999 10 06.25812	01 06 23.33	+09 01 34.5	1999 TV ₂₂₄	19.7	704	1999 TT ₃₂₄	1999 10 13.93251	23 30 20.79	-02 08 40.0	1999 TT ₃₀₆	20.2 V	2 012
1999 TE ₃₂₄	1999 10 06.27133	01 06 22.56	+09 01 33.4	1999 TV ₂₂₄	20.1	704	1999 TT ₃₂₄	1999 10 13.93747	23 30 20.62	-02 08 40.5	1999 TT ₃₀₆	21.0 V	2 012
1999 TE ₃₂₄	1999 10 06.28450	01 06 21.66	+09 01 31.3	1999 TV ₂₂₄	20.5	704	1999 TU ₃₂₄ *	1999 10 14.23427	23 38 01.67	-01 02 40.2	1999 TT ₂₅₄	21.3 V	691
1999 TE ₃₂₄	1999 10 06.29795	01 06 20.81	+09 01 28.1	1999 TV ₂₂₄	20.1	704	1999 TU ₃₂₄	1999 10 14.26110	23 38 00.69	-01 02 46.8	1999 TT ₂₅₄	20.8 V	691
1999 TF ₃₂₄ *	1999 10 06.24492	01 10 31.14	+08 40 56.4	1999 TW ₂₂₄	20.1	704	1999 TU ₃₂₄	1999 10 14.29706	23 37 59.44	-01 02 54.9	1999 TT ₂₅₄	20.8 V	691
1999 TF ₃₂₄	1999 10 06.27133	01 10 29.60	+08 40 52.9	1999 TW ₂₂₄	20.3	704	1999 TV ₃₂₄ *	1999 10 15.08886	21 25 31.86	-13 17 10.1	1999 TS ₃₁₀	19.5	704
1999 TF ₃₂₄	1999 10 06.28450	01 10 28.79	+08 40 51.9	1999 TW ₂₂₄	20.5	704	1999 TV ₃₂₄	1999 10 15.10564	21 25 32.42	-13 17 02.7	1999 TS ₃₁₀	19.9	704
1999 TF ₃₂₄	1999 10 06.29795	01 10 28.07	+08 40 49.8	1999 TW ₂₂₄	20.3	704	1999 TV ₃₂₄	1999 10 15.12112	21 25 33.04	-13 16 56.1	1999 TS ₃₁₀	20.1	704
							1999 TV ₃₂₄	1999 10 15.13678	21 25 33.47	-13 16 47.1	1999 TS ₃₁₀	20.3	704

1999 TW ₃₂₄ *	1999 10 15.25218	01 28 39.32	+13 28 55.1	1999 TT ₁₆₄	19.9	704	1999 TK ₃₂₅	1999 10 10.31727	01 51 05.91	+17 33 45.6	1999 UU ₂₆	19.2	704
1999 TW ₃₂₄	1999 10 15.26801	01 28 38.54	+13 28 51.9	1999 TT ₁₆₄	20.4	704	1999 TK ₃₂₅	1999 10 10.33248	01 51 05.17	+17 33 41.2	1999 UU ₂₆	19.5	704
1999 TW ₃₂₄	1999 10 15.28391	01 28 37.70	+13 28 48.8	1999 TT ₁₆₄	20.6	704	1999 TL ₃₂₅ *	1999 10 15.42846	02 21 43.75	+14 23 08.2	1999 UV ₃₄	20.1	704
1999 TW ₃₂₄	1999 10 15.30048	01 28 36.77	+13 28 45.5	1999 TT ₁₆₄	20.0	704	1999 TL ₃₂₅	1999 10 15.44379	02 21 43.00	+14 23 01.0	1999 UV ₃₄	20.1	704
1999 TW ₃₂₄	1999 10 15.31639	01 28 35.91	+13 28 41.1	1999 TT ₁₆₄	20.4	704	1999 TL ₃₂₅	1999 10 15.47447	02 21 41.66	+14 22 49.4	1999 UV ₃₄	19.8	704
1999 TX ₃₂₄ *	1999 10 07.11740	00 48 44.43	-00 40 56.4	1999 TP ₁₇	17.6 R	159	1999 TM ₃₂₅ *	1999 10 10.10053	23 28 19.00	-02 16 35.0	1999 TV ₂₉₈	19.7 V	691
1999 TX ₃₂₄	1999 10 07.11914	00 48 44.22	-00 40 57.1	1999 TP ₁₇	17.5 R	159	1999 TM ₃₂₅	1999 10 10.12272	23 28 18.26	-02 16 41.9	1999 TV ₂₉₈	19.6 V	691
1999 TX ₃₂₄	1999 10 07.12084	00 48 44.13	-00 40 58.3	1999 TP ₁₇	17.5 R	159	1999 TM ₃₂₅	1999 10 10.14497	23 28 17.50	-02 16 48.7	1999 TV ₂₉₈	19.6 V	691
1999 TX ₃₂₄	1999 10 07.12360	00 48 43.99	-00 40 58.7	1999 TP ₁₇	17.5 R	159	1999 TN ₃₂₅ *	1999 10 10.10057	23 28 22.05	-02 19 58.7	1999 TW ₂₉₈	20.2 V	691
1999 TX ₃₂₄	1999 10 07.12608	00 48 43.96	-00 41 00.8	1999 TP ₁₇	17.7 R	159	1999 TN ₃₂₅	1999 10 10.12276	23 28 21.35	-02 20 05.0	1999 TW ₂₉₈	19.8 V	691
1999 TY ₃₂₄ *	1999 10 09.16495	23 41 07.89	-00 42 14.9	1999 TX ₂₄₃	19.3	704	1999 TN ₃₂₅	1999 10 10.14500	23 28 20.60	-02 20 11.3	1999 TW ₂₉₈	20.2 V	691
1999 TY ₃₂₄	1999 10 09.18105	23 41 07.30	-00 42 19.3	1999 TX ₂₄₃	19.3	704	1999 TO ₃₂₅ *	1999 10 12.24417	00 57 20.76	+03 28 52.5	1999 TV ₂₅₁	18.7 V	691
1999 TY ₃₂₄	1999 10 09.19650	23 41 06.64	-00 42 23.3	1999 TX ₂₄₃	19.7	704	1999 TO ₃₂₅	1999 10 12.26498	00 57 19.50	+03 28 45.6	1999 TV ₂₅₁	18.8 V	691
1999 TY ₃₂₄	1999 10 09.22738	23 41 05.41	-00 42 30.1	1999 TX ₂₄₃	19.8	704	1999 TO ₃₂₅	1999 10 12.28606	00 57 18.21	+03 28 38.8	1999 TV ₂₅₁	18.7 V	691
1999 TZ ₃₂₄ *	1999 10 11.18230	23 22 16.67	-00 17 34.7	1999 TM ₅₂	18.8 V	691	1999 TP ₃₂₅ *	1999 10 07.10638	23 40 19.26	-01 01 54.1	1999 TM ₅₀	19.1 V	691
1999 TZ ₃₂₄	1999 10 11.20386	23 22 16.13	-00 17 42.6	1999 TM ₅₂	19.0 V	691	1999 TP ₃₂₅	1999 10 07.11014	23 40 19.06	-01 01 55.5	1999 TM ₅₀	19.1 V	691
1999 TZ ₃₂₄	1999 10 11.22532	23 22 15.56	-00 17 50.1	1999 TM ₅₂	19.1 V	691	1999 TP ₃₂₅	1999 10 07.11405	23 40 18.87	-01 01 56.3	1999 TM ₅₀	19.2 V	691
1999 TA ₃₂₅ *	1999 10 12.30348	23 26 19.37	-01 04 11.0	1999 TS ₅₉	19.8 V	691	1999 TQ ₃₂₅ *	1999 10 08.26016	23 39 10.28	-01 05 29.1	1999 TN ₅₀	19.6 V	691
1999 TA ₃₂₅	1999 10 12.30770	23 26 19.22	-01 04 12.5	1999 TS ₅₉	20.0 V	691	1999 TQ ₃₂₅	1999 10 08.26466	23 39 10.09	-01 05 30.0	1999 TN ₅₀	19.7 V	691
1999 TA ₃₂₅	1999 10 12.31177	23 26 19.06	-01 04 13.6	1999 TS ₅₉	20.2 V	691	1999 TQ ₃₂₅	1999 10 08.26843	23 39 09.95	-01 05 30.5	1999 TN ₅₀	20.3 V	691
1999 TB ₃₂₅ *	1999 10 12.32531	01 59 38.01	+13 54 26.4	1999 TM ₃₀₆	19.3 V	691	1999 TR ₃₂₅ *	1999 10 08.26023	23 39 22.79	-01 06 47.0	1999 TS ₄₃	18.8 V	691
1999 TB ₃₂₅	1999 10 12.32946	01 59 37.78	+13 54 26.2	1999 TM ₃₀₆	19.6 V	691	1999 TR ₃₂₅	1999 10 08.26473	23 39 22.57	-01 06 48.3	1999 TS ₄₃	18.7 V	691
1999 TB ₃₂₅	1999 10 12.33363	01 59 37.58	+13 54 26.0	1999 TM ₃₀₆	19.5 V	691	1999 TR ₃₂₅	1999 10 08.26850	23 39 22.37	-01 06 49.1	1999 TS ₄₃	18.7 V	691
1999 TC ₃₂₅ *	1999 10 12.43185	02 57 01.63	+16 14 27.5	1999 TG ₆₂	19.1 V	691	1999 TS ₃₂₅ *	1999 10 09.24433	01 03 50.21	+02 11 00.7	1999 TL ₂₃₄	16.8	704
1999 TC ₃₂₅	1999 10 12.45448	02 57 00.69	+16 14 26.7	1999 TG ₆₂	19.2 V	691	1999 TS ₃₂₅	1999 10 09.25982	01 03 49.26	+02 10 56.7	1999 TL ₂₃₄	17.8	704
1999 TC ₃₂₅	1999 10 12.47633	02 56 59.77	+16 14 25.3	1999 TG ₆₂	19.2 V	691	1999 TS ₃₂₅	1999 10 09.27522	01 03 48.34	+02 10 53.7	1999 TL ₂₃₄	17.0	704
1999 TD ₃₂₅ *	1999 10 13.21354	01 40 19.71	+13 46 46.0	1999 TL ₆₆	19.8 V	691	1999 TS ₃₂₅	1999 10 09.29080	01 03 47.44	+02 10 50.1	1999 TL ₂₃₄	17.2	704
1999 TD ₃₂₅	1999 10 13.21931	01 40 19.34	+13 46 45.5	1999 TL ₆₆	19.6 V	691	1999 TS ₃₂₅	1999 10 09.30624	01 03 46.52	+02 10 46.1	1999 TL ₂₃₄	16.7	704
1999 TD ₃₂₅	1999 10 13.22649	01 40 18.88	+13 46 44.8	1999 TL ₆₆	19.6 V	691	1999 TT ₃₂₅ *	1999 10 10.25827	00 54 57.15	+02 22 37.8	1999 TL ₄₉	18.6 V	691
1999 TE ₃₂₅ *	1999 10 15.24881	00 40 35.17	+03 15 40.2	1999 TD ₂₅₇	18.8	704	1999 TT ₃₂₅	1999 10 10.27990	00 54 56.04	+02 22 32.2	1999 TL ₄₉	18.8 V	691
1999 TE ₃₂₅	1999 10 15.26512	00 40 34.45	+03 15 30.9	1999 TD ₂₅₇	19.5	704	1999 TT ₃₂₅	1999 10 10.30129	00 54 54.93	+02 22 26.9	1999 TL ₄₉	18.8 V	691
1999 TE ₃₂₅	1999 10 15.28240	00 40 33.71	+03 15 20.3	1999 TD ₂₅₇	19.0	704	1999 TU ₃₂₅ *	1999 10 10.25831	00 55 00.29	+02 16 49.8	1999 TM ₄₉	19.0 V	691
1999 TE ₃₂₅	1999 10 15.29913	00 40 32.93	+03 15 10.7	1999 TD ₂₅₇	18.9	704	1999 TU ₃₂₅	1999 10 10.27994	00 54 59.19	+02 16 44.1	1999 TM ₄₉	19.3 V	691
1999 TE ₃₂₅	1999 10 15.31557	00 40 32.28	+03 15 02.2	1999 TD ₂₅₇	19.1	704	1999 TU ₃₂₅	1999 10 10.30133	00 54 58.12	+02 16 38.6	1999 TM ₄₉	19.2 V	691
1999 TF ₃₂₅ *	1999 10 01.25113	23 09 03.89	-09 39 26.8	1999 RL ₇₄	19.6 V	691	1999 TV ₃₂₅ *	1999 10 13.29611	01 59 52.89	+12 44 22.4	1999 TG ₇₁	20.1 V	691
1999 TF ₃₂₅	1999 10 01.25908	23 09 03.58	-09 39 27.2	1999 RL ₇₄	19.7 V	691	1999 TV ₃₂₅	1999 10 13.30052	01 59 52.64	+12 44 22.0	1999 TG ₇₁	20.0 V	691
1999 TF ₃₂₅	1999 10 01.26667	23 09 03.26	-09 39 26.8	1999 RL ₇₄	19.6 V	691	1999 TV ₃₂₅	1999 10 13.30452	01 59 52.38	+12 44 21.6	1999 TG ₇₁	19.8 V	691
1999 TG ₃₂₅ *	1999 10 07.12030	23 20 33.51	-00 44 11.6	1999 RZ ₈₁	19.2 V	691	1999 TW ₃₂₅ *	1999 10 13.29611	01 59 53.24	+12 41 39.2	1999 TH ₇₁	20.4 V	691
1999 TG ₃₂₅	1999 10 07.14143	23 20 32.75	-00 44 20.8	1999 RZ ₈₁	19.3 V	691	1999 TW ₃₂₅	1999 10 13.30052	01 59 52.96	+12 41 38.5	1999 TH ₇₁	20.5 V	691
1999 TG ₃₂₅	1999 10 07.16211	23 20 32.07	-00 44 30.8	1999 RZ ₈₁	19.3 V	691	1999 TW ₃₂₅	1999 10 13.30452	01 59 52.71	+12 41 38.1	1999 TH ₇₁	20.7 V	691
1999 TH ₃₂₅ *	1999 10 07.26337	00 24 27.27	-02 22 42.6	1999 RX ₉₇	18.2 R	703	1999 TX ₃₂₅ *	1999 10 15.39091	02 06 03.94	+12 48 59.5	1999 TY ₇₁	20.4 V	691
1999 TH ₃₂₅	1999 10 07.27556	00 24 26.79	-02 22 50.1	1999 RX ₉₇	18.5 R	703	1999 TX ₃₂₅	1999 10 15.41513	02 06 02.59	+12 48 54.6	1999 TY ₇₁	20.4 V	691
1999 TH ₃₂₅	1999 10 07.28786	00 24 26.27	-02 22 57.9	1999 RX ₉₇	18.6 R	703	1999 TX ₃₂₅	1999 10 15.43883	02 06 01.23	+12 48 49.9	1999 TY ₇₁	20.5 V	691
1999 TH ₃₂₅	1999 10 07.30007	00 24 25.86	-02 23 04.3	1999 RX ₉₇	18.2 R	703	1999 UC ₆₁ *	1999 10 29.34441	02 48 14.54	+16 53 22.6	1999 UJ ₅₃	20.4 V	691
1999 TH ₃₂₅	1999 10 07.31048	00 24 25.30	-02 23 09.2	1999 RX ₉₇	18.7	704	1999 UC ₆₁	1999 10 29.36611	02 48 13.33	+16 53 18.7	1999 UJ ₅₃	20.7 V	691
1999 TH ₃₂₅	1999 10 07.32102	00 24 24.89	-02 23 16.4	1999 RX ₉₇	19.1	704	1999 UC ₆₁	1999 10 29.38832	02 48 12.12	+16 53 14.2	1999 UJ ₅₃	20.7 V	691
1999 TH ₃₂₅	1999 10 07.35294	00 24 23.56	-02 23 34.8	1999 RX ₉₇	19.0	704	1999 UD ₆₁ *	1999 10 31.21291	00 51 01.40	+02 10 28.3	1999 UL ₅₆	22.1 V	691
1999 TJ ₃₂₅ *	1999 10 10.21125	00 01 40.04	+14 49 40.5	1999 RO ₂₀₄	20.0	704	1999 UD ₆₁	1999 10 31.23492	00 51 00.69	+02 10 24.9	1999 UL ₅₆	21.7 V	691
1999 TJ ₃₂₅	1999 10 10.22706	00 01 39.32	+14 49 30.6	1999 RO ₂₀₄	20.0	704	1999 UD ₆₁	1999 10 31.25582	00 50 59.99	+02 10 21.3	1999 UL ₅₆	21.8 V	691
1999 TJ ₃₂₅	1999 10 10.24235	00 01 38.70	+14 49 23.7	1999 RO ₂₀₄	19.7	704	1999 UE ₆₁ *	1999 10 17.29472	00 50 47.38	+01 59 26.4	1999 TM ₈₀	21.3 V	691
1999 TK ₃₂₅ *	1999 10 10.27048	01 51 08.28	+17 33 59.2	1999 UU ₂₆	19.1	704	1999 UE ₆₁	1999 10 17.32213	00 50 45.99	+01 59 18.5	1999 TM ₈₀	21.1 V	691
1999 TK ₃₂₅	1999 10 10.28671	01 51 07.50	+17 33 53.1	1999 UU ₂₆	19.0	704	1999 UE ₆₁	1999 10 17.35154	00 50 44.57	+01 59 09.9	1999 TM ₈₀	21.3 V	691
1999 TK ₃₂₅	1999 10 10.30235	01 51 06.70	+17 33 48.8	1999 UU ₂₆	19.2	704	1999 UF ₆₁ *	1999 10 18.35206	01 48 22.79	+15 06 47.4	1999 TL ₂₆₂	21.6 V	691

1999 UF ₆₁	1999 10 18.37392	01 48 21.64	+15 06 43.4	1999 TL ₂₆₂	21.7 V	691	1999 UX ₆₁	* 1999 10 30.23389	01 15 24.62	+13 45 27.9	1999 VV ₁₄₇	18.9 R	703
1999 UF ₆₁	1999 10 18.39611	01 48 20.45	+15 06 39.3	1999 TL ₂₆₂	21.0 V	691	1999 UX ₆₁	1999 10 30.24592	01 15 23.93	+13 45 21.3	1999 VV ₁₄₇	19.2 R	703
1999 UG ₆₁	* 1999 10 19.26785	00 54 56.37	+03 00 31.6	1999 TA ₃₁₈	20.4 V	691	1999 UX ₆₁	1999 10 30.25798	01 15 23.48	+13 45 16.7	1999 VV ₁₄₇	18.8 R	703
1999 UG ₆₁	1999 10 19.29250	00 54 55.18	+03 00 28.9	1999 TA ₃₁₈	20.1 V	691	1999 UX ₆₁	1999 10 30.26994	01 15 22.97	+13 45 11.0	1999 VV ₁₄₇	18.6 R	703
1999 UG ₆₁	1999 10 19.31353	00 54 54.16	+03 00 26.6	1999 TA ₃₁₈	20.1 V	691	1999 UY ₆₁	* 1999 10 19.32865	01 53 18.01	+11 33 55.9	1999 TR ₃₁₅	19.3 V	691
1999 UH ₆₁	* 1999 10 19.33672	02 04 57.28	+11 50 36.3	1999 TH ₃₁₇	19.8 V	691	1999 UY ₆₁	1999 10 19.35192	01 53 16.98	+11 33 44.7	1999 TR ₃₁₅	19.1 V	691
1999 UH ₆₁	1999 10 19.35998	02 04 55.71	+11 50 34.7	1999 TH ₃₁₇	20.0 V	691	1999 UY ₆₁	1999 10 19.37339	01 53 16.03	+11 33 34.4	1999 TR ₃₁₅	19.1 V	691
1999 UH ₆₁	1999 10 19.38145	02 04 54.29	+11 50 33.1	1999 TH ₃₁₇	20.0 V	691	1999 UZ ₆₁	* 1999 10 20.31859	00 50 46.50	+02 40 58.6	1999 TJ ₃₂₁	20.8 V	691
1999 UJ ₆₁	* 1999 10 21.34062	04 17 06.43	+17 09 03.3	1999 TB ₃₂₁	18.9	704	1999 UZ ₆₁	1999 10 20.33987	00 50 45.49	+02 40 52.8	1999 TJ ₃₂₁	21.4 V	691
1999 UJ ₆₁	1999 10 21.35590	04 17 06.22	+17 08 56.8	1999 TB ₃₂₁	19.6	704	1999 UZ ₆₁	1999 10 20.36105	00 50 44.50	+02 40 48.3	1999 TJ ₃₂₁	20.7 V	691
1999 UJ ₆₁	1999 10 21.37113	04 17 06.08	+17 08 50.8	1999 TB ₃₂₁	19.4	704	1999 UA ₆₂	* 1999 10 20.24608	01 52 58.28	+13 01 30.8	1999 TY ₂₁₇	18.7	704
1999 UK ₆₁	* 1999 10 29.26362	02 17 41.92	+11 51 40.8	1999 UB ₄₇	19.2 R	703	1999 UA ₆₂	1999 10 20.26187	01 52 57.35	+13 01 23.0	1999 TY ₂₁₇	19.5	704
1999 UK ₆₁	1999 11 04.37975	02 11 33.83	+11 08 30.2	1999 UB ₄₇	19.4 V	691	1999 UA ₆₂	1999 10 20.27757	01 52 56.42	+13 01 16.1	1999 TY ₂₁₇	19.0	704
1999 UK ₆₁	1999 11 04.40274	02 11 32.49	+11 08 21.1	1999 UB ₄₇	19.4 V	691	1999 UA ₆₂	1999 10 20.29326	01 52 55.53	+13 01 07.3	1999 TY ₂₁₇	18.9	704
1999 UK ₆₁	1999 11 04.42890	02 11 30.99	+11 08 10.6	1999 UB ₄₇	19.4 V	691	1999 UA ₆₂	1999 10 20.30894	01 52 54.66	+13 01 01.1	1999 TY ₂₁₇	18.9	704
1999 UL ₆₁	* 1999 10 30.19287	23 29 25.46	-01 06 27.9	1999 UL ₅₄	21.6 V	691	1999 UB ₆₂	* 1999 10 20.24658	01 52 58.26	+13 01 30.7	1999 TP ₃₂₁	19.2 V	691
1999 UL ₆₁	1999 10 30.21378	23 29 25.06	-01 06 31.8	1999 UL ₅₄	22.1 V	691	1999 UB ₆₂	1999 10 20.26933	01 52 56.93	+13 01 19.8	1999 TP ₃₂₁	19.2 V	691
1999 UL ₆₁	1999 10 30.23445	23 29 24.67	-01 06 34.2	1999 UL ₅₄	21.5 V	691	1999 UB ₆₂	1999 10 20.29291	01 52 55.55	+13 01 08.6	1999 TP ₃₂₁	19.2 V	691
1999 UM ₆₁	* 1999 10 30.25446	00 45 53.00	+01 51 55.8	1999 UQ ₅₅	20.9 V	691	1999 UC ₆₂	* 1999 10 31.33242	01 51 11.45	+12 00 40.7	1999 UA ₅₆	20.7 V	691
1999 UM ₆₁	1999 10 30.27565	00 45 52.05	+01 51 52.8	1999 UQ ₅₅	20.7 V	691	1999 UC ₆₂	1999 10 31.35377	01 51 10.33	+12 00 37.3	1999 UA ₅₆	21.0 V	691
1999 UM ₆₁	1999 10 30.29686	00 45 51.09	+01 51 50.2	1999 UQ ₅₅	20.7 V	691	1999 UC ₆₂	1999 10 31.38105	01 51 08.87	+12 00 32.6	1999 UA ₅₆	21.2 V	691
1999 UN ₆₁	* 1999 10 31.20828	00 44 20.28	+02 01 34.9	1999 UK ₅₆	22.1 V	691	1999 VK ₂₂₇	* 1999 11 05.16992	23 54 09.50	+07 50 26.8	1997 EP ₃₅	19.8	704
1999 UN ₆₁	1999 10 31.23029	00 44 19.37	+02 01 30.8	1999 UK ₅₆	21.7 V	691	1999 VK ₂₂₇	1999 11 05.18611	23 54 09.19	+07 50 23.6	1997 EP ₃₅	20.1	704
1999 UN ₆₁	1999 10 31.25118	00 44 18.59	+02 01 26.8	1999 UK ₅₆	22.0 V	691	1999 VK ₂₂₇	1999 11 05.20220	23 54 08.89	+07 50 21.4	1997 EP ₃₅	20.3	704
1999 UO ₆₁	* 1999 10 16.24806	01 16 05.87	+09 41 44.9	1999 TM ₁₇₆	19.2	704	1999 VK ₂₂₇	1999 11 05.23429	23 54 08.26	+07 50 17.1	1997 EP ₃₅	19.7	704
1999 UO ₆₁	1999 10 16.26835	01 16 04.84	+09 41 35.2	1999 TM ₁₇₆	19.8	704	1999 VL ₂₂₇	* 1999 11 05.33748	02 35 59.12	+10 21 21.0	1999 UC ₅₀	19.1	704
1999 UO ₆₁	1999 10 16.28520	01 16 03.96	+09 41 28.1	1999 TM ₁₇₆	19.6	704	1999 VL ₂₂₇	1999 11 05.35414	02 35 58.19	+10 21 17.7	1999 UC ₅₀	18.5	704
1999 UO ₆₁	1999 10 16.30083	01 16 03.19	+09 41 20.8	1999 TM ₁₇₆	19.5	704	1999 VL ₂₂₇	1999 11 05.37083	02 35 57.19	+10 21 15.6	1999 UC ₅₀	19.9	704
1999 UO ₆₁	1999 10 16.31941	01 16 02.19	+09 41 12.3	1999 TM ₁₇₆	19.4	704	1999 VM ₂₂₇	* 1999 11 04.15587	23 59 04.12	+08 16 54.9	1999 UM ₂₅	18.0 R	703
1999 UP ₆₁	* 1999 10 17.29489	00 51 01.86	+02 00 25.4	1999 TL ₈₀	19.5 V	691	1999 VM ₂₂₇	1999 11 04.17284	23 59 04.01	+08 16 50.9	1999 UM ₂₅	18.3 R	703
1999 UP ₆₁	1999 10 17.32230	00 51 00.57	+02 00 17.0	1999 TL ₈₀	19.2 V	691	1999 VM ₂₂₇	1999 11 04.18969	23 59 03.78	+08 16 47.7	1999 UM ₂₅	18.1 R	703
1999 UP ₆₁	1999 10 17.35171	00 50 59.21	+02 00 08.4	1999 TL ₈₀	19.8 V	691	1999 VM ₂₂₇	1999 11 04.20634	23 59 03.54	+08 16 43.8	1999 UM ₂₅	18.5 R	703
1999 UQ ₆₁	* 1999 10 20.18865	02 05 39.48	+12 01 54.1	1999 TZ ₂₆₃	18.7 V	691	1999 VN ₂₂₇	* 1999 11 05.22503	00 48 31.73	+02 33 22.9	1999 VZ ₇₄	19.9 V	691
1999 UQ ₆₁	1999 10 20.21065	02 05 38.40	+12 01 44.3	1999 TZ ₂₆₃	18.8 V	691	1999 VN ₂₂₇	1999 11 05.24721	00 48 31.01	+02 33 19.2	1999 VZ ₇₄	19.6 V	691
1999 UQ ₆₁	1999 10 20.23223	02 05 37.33	+12 01 35.1	1999 TZ ₂₆₃	18.7 V	691	1999 VN ₂₂₇	1999 11 11.18393	00 45 29.83	+02 21 02.8	1999 VZ ₇₄	20.8 V	691
1999 UR ₆₁	* 1999 10 20.25767	02 08 58.53	+12 42 43.4	1999 TH ₂₆₄	18.4 V	691	1999 VN ₂₂₇	1999 11 11.20496	00 45 29.22	+02 21 01.1	1999 VZ ₇₄	21.0 V	691
1999 UR ₆₁	1999 10 20.28041	02 08 57.38	+12 42 38.6	1999 TH ₂₆₄	18.5 V	691	1999 VN ₂₂₇	1999 11 11.22643	00 45 28.60	+02 20 59.5	1999 VZ ₇₄	21.0 V	691
1999 UR ₆₁	1999 10 20.30400	02 08 56.18	+12 42 33.8	1999 TH ₂₆₄	18.5 V	691	1999 VO ₂₂₇	* 1999 11 15.37071	05 10 12.12	+19 28 02.2	1999 XG ₁₅₄	18.5	704
1999 US ₆₁	* 1999 10 20.32159	00 55 06.21	+02 27 34.9	1999 UP ₄₀	19.0 V	691	1999 VO ₂₂₇	1999 11 15.38502	05 10 11.52	+19 27 58.2	1999 XG ₁₅₄	18.9	704
1999 US ₆₁	1999 10 20.34286	00 55 05.13	+02 27 33.9	1999 UP ₄₀	19.0 V	691	1999 VO ₂₂₇	1999 11 15.39935	05 10 10.86	+19 27 53.9	1999 XG ₁₅₄	18.8	704
1999 US ₆₁	1999 10 20.36404	00 55 04.05	+02 27 32.8	1999 UP ₄₀	18.9 V	691	1999 VO ₂₂₇	1999 11 15.41376	05 10 10.24	+19 27 49.9	1999 XG ₁₅₄	19.1	704
1999 UT ₆₁	* 1999 10 29.29230	03 07 19.93	+16 16 09.0	1999 UB ₅₄	20.1 V	691	1999 VO ₂₂₇	1999 11 15.42805	05 10 09.63	+19 27 46.3	1999 XG ₁₅₄	18.9	704
1999 UT ₆₁	1999 10 29.31379	03 07 18.76	+16 16 01.0	1999 UB ₅₄	20.2 V	691	1999 VP ₂₂₇	* 1999 11 03.24094	01 40 18.10	+20 26 51.5	1999 UL ₄₃	19.0	704
1999 UT ₆₁	1999 10 29.33546	03 07 17.56	+16 15 53.2	1999 UB ₅₄	20.3 V	691	1999 VP ₂₂₇	1999 11 03.25726	01 40 17.22	+20 26 48.7	1999 UL ₄₃	19.5	704
1999 UU ₆₁	* 1999 10 30.19714	23 35 35.59	-01 10 44.9	1999 UN ₅₄	20.9 V	691	1999 VP ₂₂₇	1999 11 03.27359	01 40 16.39	+20 26 44.8	1999 UL ₄₃	19.9	704
1999 UU ₆₁	1999 10 30.21805	23 35 35.23	-01 10 47.3	1999 UN ₅₄	20.8 V	691	1999 VP ₂₂₇	1999 11 03.28994	01 40 15.59	+20 26 41.6	1999 UL ₄₃	19.5	704
1999 UU ₆₁	1999 10 30.23872	23 35 34.86	-01 10 50.0	1999 UN ₅₄	20.8 V	691	1999 VQ ₂₂₇	* 1999 11 06.16595	23 23 17.54	-03 24 40.8	1999 UK ₃₉	20.7 V	691
1999 UV ₆₁	* 1999 10 21.19703	01 04 22.28	+14 49 24.9	1999 TV ₂₂₀	18.2	704	1999 VQ ₂₂₇	1999 11 06.18757	23 23 17.36	-03 24 42.1	1999 UK ₃₉	20.7 V	691
1999 UV ₆₁	1999 10 21.21247	01 04 21.39	+14 49 17.5	1999 TV ₂₂₀	17.2	704	1999 VQ ₂₂₇	1999 11 06.20902	23 23 17.17	-03 24 43.5	1999 UK ₃₉	21.2 V	691
1999 UV ₆₁	1999 10 21.22789	01 04 20.53	+14 49 09.4	1999 TV ₂₂₀	17.4	704	1999 VR ₂₂₇	* 1999 11 10.23703	01 24 07.76	+23 42 09.1	1999 VK ₂₁₅	19.6 R	703
1999 UW ₆₁	* 1999 10 22.31051	03 47 25.74	+21 21 59.5	1999 VS ₁₄₉	19.0	704	1999 VR ₂₂₇	1999 11 10.24929	01 24 07.26	+23 42 04.8	1999 VK ₂₁₅	19.5 R	703
1999 UW ₆₁	1999 10 22.33778	03 47 24.62	+21 22 01.9	1999 VS ₁₄₉	19.7	704	1999 VR ₂₂₇	1999 11 10.26166	01 24 06.75	+23 42 00.5	1999 VK ₂₁₅	19.1 R	703
1999 UW ₆₁	1999 10 22.35050	03 47 24.14	+21 22 02.0	1999 VS ₁₄₉	19.5	704	1999 VR ₂₂₇	1999 11 10.27397	01 24 06.13	+23 41 56.6	1999 VK ₂₁₅	19.8 R	703

1999 VS ₂₂₇	*	1999 11 10.87988	02 26 52.23	+13 32 46.6	1999 VE ₁₁	18.6	120	1999 VH ₂₂₈	1999 11 09.31017	03 31 17.84	+15 54 39.3	1999 VM ₁₁₅	21.4	V	691	
1999 VS ₂₂₇		1999 11 10.89735	02 26 51.05	+13 32 42.5	1999 VE ₁₁		120	1999 VH ₂₂₈	1999 11 09.31809	03 31 17.29	+15 54 37.6	1999 VM ₁₁₅	21.3	V	691	
1999 VT ₂₂₇	*	1999 11 04.35445	02 55 08.80	+15 45 19.5	1999 UD ₄₇	19.5	704	1999 VJ ₂₂₈	*	1999 11 12.40020	03 30 40.15	+17 13 01.8	1999 VE ₁₇₅	19.4	V	691
1999 VT ₂₂₇		1999 11 04.37055	02 55 07.86	+15 45 13.0	1999 UD ₄₇	19.9	704	1999 VJ ₂₂₈		1999 11 12.40644	03 30 39.69	+17 13 02.0	1999 VE ₁₇₅	19.4	V	691
1999 VT ₂₂₇		1999 11 04.38662	02 55 07.07	+15 45 07.7	1999 UD ₄₇	19.8	704	1999 VJ ₂₂₈		1999 11 12.41278	03 30 39.22	+17 13 02.4	1999 VE ₁₇₅	19.5	V	691
1999 VU ₂₂₇	*	1999 11 06.38899	02 55 43.42	+16 45 21.8	1999 UK ₅₇	21.1	V 691	1999 VK ₂₂₈	*	1999 11 13.08777	23 36 52.71	-02 30 43.0	1999 VM ₂₁₈	19.9	V	691
1999 VU ₂₂₇		1999 11 06.41130	02 55 42.14	+16 45 15.2	1999 UK ₅₇	21.3	V 691	1999 VK ₂₂₈		1999 11 13.11078	23 36 52.96	-02 30 42.9	1999 VM ₂₁₈	20.1	V	691
1999 VU ₂₂₇		1999 11 06.43363	02 55 40.92	+16 45 08.3	1999 UK ₅₇	21.4	V 691	1999 VK ₂₂₈		1999 11 13.13199	23 36 53.15	-02 30 42.7	1999 VM ₂₁₈	19.9	V	691
1999 VV ₂₂₇	*	1999 11 09.14066	01 07 55.98	+07 04 43.7	1999 VB ₉₀	19.8	704	1999 VL ₂₂₈	*	1999 11 04.24285	01 12 10.61	+13 06 16.6	1999 TJ ₃₂₀	18.9	704	
1999 VV ₂₂₇		1999 11 09.15502	01 07 55.46	+07 04 41.5	1999 VB ₉₀	20.2	704	1999 VL ₂₂₈		1999 11 04.25933	01 12 10.09	+13 06 09.6	1999 TJ ₃₂₀	19.2	704	
1999 VV ₂₂₇		1999 11 09.19818	01 07 53.44	+07 04 31.7	1999 VB ₉₀	20.3	704	1999 VL ₂₂₈		1999 11 04.27591	01 12 09.44	+13 06 02.4	1999 TJ ₃₂₀	19.4	704	
1999 VW ₂₂₇	*	1999 11 09.25407	03 39 18.76	+21 37 13.5	1999 VB ₂₀₂	18.9	R 703	1999 VL ₂₂₈		1999 11 04.30939	01 12 08.26	+13 05 47.2	1999 TJ ₃₂₀	19.3	704	
1999 VW ₂₂₇		1999 11 09.26634	03 39 18.05	+21 37 11.2	1999 VB ₂₀₂	19.7	R 703	1999 VM ₂₂₈	*	1999 11 08.32189	03 05 01.73	+29 27 58.0	1999 XC ₁₂₃	18.8	R 699	
1999 VW ₂₂₇		1999 11 09.27854	03 39 17.29	+21 37 11.1	1999 VB ₂₀₂	19.9	R 703	1999 VM ₂₂₈		1999 11 08.32316	03 05 01.68	+29 27 57.1	1999 XC ₁₂₃	19.0	R 699	
1999 VW ₂₂₇		1999 11 09.29080	03 39 16.60	+21 37 06.7	1999 VB ₂₀₂	19.9	R 703	1999 VM ₂₂₈		1999 11 08.34735	03 05 00.35	+29 27 53.3	1999 XC ₁₂₃		699	
1999 VX ₂₂₇	*	1999 11 09.25813	03 33 04.99	+24 15 55.4	1999 VA ₂₀₂	18.7	R 703	1999 VM ₂₂₈		1999 11 08.34862	03 05 00.12	+29 27 51.2	1999 XC ₁₂₃		699	
1999 VX ₂₂₇		1999 11 09.27036	03 33 04.34	+24 15 50.3	1999 VA ₂₀₂	19.3	R 703	1999 VM ₂₂₈		1999 11 08.37281	03 04 58.77	+29 27 46.5	1999 XC ₁₂₃		699	
1999 VX ₂₂₇		1999 11 09.28259	03 33 03.62	+24 15 44.4	1999 VA ₂₀₂	19.4	R 703	1999 VM ₂₂₈		1999 11 08.37409	03 04 58.68	+29 27 43.9	1999 XC ₁₂₃		699	
1999 VX ₂₂₇		1999 11 09.29487	03 33 02.91	+24 15 36.2	1999 VA ₂₀₂	19.2	R 703	1999 VN ₂₂₈	*	1999 11 14.36900	02 51 38.45	+17 25 45.9	1999 WH ₁₉	21.3	V 691	
1999 VY ₂₂₇	*	1999 11 09.32595	02 43 41.19	+17 24 20.0	1999 VG ₂₀₂	21.8	V 691	1999 VN ₂₂₈		1999 11 14.39115	02 51 37.20	+17 25 38.4	1999 WH ₁₉	21.2	V 691	
1999 VY ₂₂₇		1999 11 09.34804	02 43 40.01	+17 24 14.1	1999 VG ₂₀₂	21.4	V 691	1999 VN ₂₂₈		1999 11 14.41331	02 51 35.99	+17 25 31.0	1999 WH ₁₉	21.5	V 691	
1999 VY ₂₂₇		1999 11 09.37227	02 43 38.73	+17 24 08.1	1999 VG ₂₀₂	21.5	V 691	1999 VO ₂₂₈	*	1999 11 13.20126	00 34 47.91	+03 08 30.9	1999 VO ₂₁₈	20.9	V 691	
1999 VZ ₂₂₇	*	1999 11 12.29106	03 06 06.09	+16 27 24.7	1999 VH ₆₅	19.6	704	1999 VO ₂₂₈		1999 11 13.22233	00 34 47.38	+03 08 29.4	1999 VO ₂₁₈	20.8	V 691	
1999 VZ ₂₂₇		1999 11 12.30541	03 06 05.20	+16 27 20.7	1999 VH ₆₅	19.5	704	1999 VO ₂₂₈		1999 11 13.24351	00 34 46.87	+03 08 28.0	1999 VO ₂₁₈	20.3	V 691	
1999 VZ ₂₂₇		1999 11 12.31989	03 06 04.47	+16 27 14.7	1999 VH ₆₅	19.6	704	1999 VP ₂₂₈	*	1999 11 13.20136	00 35 06.20	+03 08 42.6	1999 VP ₂₁₈	21.0	V 691	
1999 VZ ₂₂₇		1999 11 12.33419	03 06 03.65	+16 27 10.0	1999 VH ₆₅	19.6	704	1999 VP ₂₂₈		1999 11 13.22244	00 35 05.74	+03 08 42.3	1999 VP ₂₁₈	20.5	V 691	
1999 VZ ₂₂₇		1999 11 12.34850	03 06 02.82	+16 27 04.4	1999 VH ₆₅	19.9	704	1999 VP ₂₂₈		1999 11 13.24362	00 35 05.29	+03 08 41.1	1999 VP ₂₁₈	21.3	V 691	
1999 VA ₂₂₈	*	1999 11 12.29510	03 30 22.76	+20 25 50.9	1999 VM ₂₈	18.9	704	1999 WN ₂₆	*	1999 11 16.25482	03 26 07.20	+16 44 51.7	1999 VU ₂₂₄	21.9	V 691	
1999 VA ₂₂₈		1999 11 12.30961	03 30 21.91	+20 25 48.7	1999 VM ₂₈	19.3	704	1999 WN ₂₆		1999 11 16.26419	03 26 06.58	+16 44 51.5	1999 VU ₂₂₄	21.9	V 691	
1999 VA ₂₂₈		1999 11 12.32392	03 30 21.15	+20 25 46.0	1999 VM ₂₈	19.3	704	1999 WN ₂₆		1999 11 16.27329	03 26 06.04	+16 44 50.1	1999 VU ₂₂₄	22.0	V 691	
1999 VA ₂₂₈		1999 11 12.33822	03 30 20.32	+20 25 45.3	1999 VM ₂₈	18.8	704	1999 WO ₂₆	*	1999 11 28.19709	03 23 24.81	+18 17 55.1	1999 WB ₂₂	20.8	V 691	
1999 VA ₂₂₈		1999 11 12.35253	03 30 19.53	+20 25 44.2	1999 VM ₂₈	19.2	704	1999 WO ₂₆		1999 11 28.21909	03 23 23.68	+18 17 53.2	1999 WB ₂₂	20.8	V 691	
1999 VB ₂₂₈	*	1999 11 12.30687	03 13 48.25	+16 32 26.1	1999 VS ₆₆	19.6	704	1999 WO ₂₆		1999 11 28.24145	03 23 22.52	+18 17 51.6	1999 WB ₂₂	20.4	V 691	
1999 VB ₂₂₈		1999 11 12.32135	03 13 47.36	+16 32 21.2	1999 VS ₆₆	19.5	704	1999 WP ₂₆	*	1999 11 29.22237	03 25 40.88	+18 41 12.0	1999 WO ₂₃	21.1	V 691	
1999 VB ₂₂₈		1999 11 12.33565	03 13 46.58	+16 32 16.8	1999 VS ₆₆	19.8	704	1999 WP ₂₆		1999 11 29.24471	03 25 39.73	+18 41 07.3	1999 WO ₂₃	20.5	V 691	
1999 VC ₂₂₈	*	1999 11 12.32611	03 49 24.90	+19 28 24.2	1999 VN ₃₂	19.3	704	1999 WP ₂₆		1999 11 29.26701	03 25 38.54	+18 41 02.7	1999 WO ₂₃	20.5	V 691	
1999 VC ₂₂₈		1999 11 12.34040	03 49 24.05	+19 28 20.5	1999 VN ₃₂	19.6	704	1999 WQ ₂₆	*	1999 11 29.22740	03 32 57.37	+18 42 37.5	1999 WY ₂₃	20.3	V 691	
1999 VC ₂₂₈		1999 11 12.35472	03 49 23.28	+19 28 16.8	1999 VN ₃₂	19.3	704	1999 WQ ₂₆		1999 11 29.24975	03 32 55.95	+18 42 32.1	1999 WY ₂₃	20.4	V 691	
1999 VD ₂₂₈	*	1999 11 12.36422	04 44 39.67	+20 54 18.2	1999 VQ ₃₅	19.3	704	1999 WQ ₂₆		1999 11 29.27204	03 32 54.55	+18 42 26.7	1999 WY ₂₃	20.6	V 691	
1999 VD ₂₂₈		1999 11 12.37851	04 44 39.00	+20 54 17.0	1999 VQ ₃₅	20.1	704	1999 WR ₂₆	*	1999 11 16.17881	03 08 40.79	+06 57 09.8	1999 VG ₂₂₃	18.5	R 703	
1999 VD ₂₂₈		1999 11 12.39279	04 44 38.28	+20 54 13.0	1999 VQ ₃₅	19.4	704	1999 WR ₂₆		1999 11 16.19115	03 08 40.01	+06 57 07.1	1999 VG ₂₂₃	19.0	R 703	
1999 VD ₂₂₈		1999 11 12.40708	04 44 37.61	+20 54 11.2	1999 VQ ₃₅	19.4	704	1999 WR ₂₆		1999 11 16.20344	03 08 39.23	+06 57 06.6	1999 VG ₂₂₃	18.8	R 703	
1999 VD ₂₂₈		1999 11 12.42137	04 44 36.84	+20 54 07.3	1999 VQ ₃₅	19.5	704	1999 WR ₂₆		1999 11 16.21573	03 08 38.37	+06 57 05.5	1999 VG ₂₂₃	19.8	R 703	
1999 VE ₂₂₈	*	1999 11 12.40218	03 33 32.14	+17 10 24.7	1999 VQ ₁₁₈	21.4	V 691	1999 WS ₂₆	*	1999 11 16.39628	04 00 06.04	+16 47 18.5	1999 VR ₂₂₄	21.1	V 691	
1999 VE ₂₂₈		1999 11 12.40843	03 33 31.83	+17 10 24.1	1999 VQ ₁₁₈	21.7	V 691	1999 WS ₂₆		1999 11 16.42136	04 00 04.36	+16 47 12.0	1999 VR ₂₂₄	22.1	V 691	
1999 VE ₂₂₈		1999 11 12.41476	03 33 31.39	+17 10 21.4	1999 VQ ₁₁₈	21.9	V 691	1999 WS ₂₆		1999 11 16.44521	04 00 02.79	+16 47 05.3	1999 VR ₂₂₄	22.0	V 691	
1999 VF ₂₂₈	*	1999 11 09.18438	00 39 48.01	+02 16 54.0	1999 UQ ₅₈	21.2	V 691	1999 WT ₂₆	*	1999 11 28.27883	03 48 11.99	+16 01 52.2	1999 WO ₂₁	20.3	V 691	
1999 VF ₂₂₈		1999 11 09.19210	00 39 47.79	+02 16 53.4	1999 UQ ₅₈	21.4	V 691	1999 WT ₂₆		1999 11 28.30093	03 48 10.60	+16 01 46.8	1999 WO ₂₁	20.0	V 691	
1999 VF ₂₂₈		1999 11 09.19988	00 39 47.58	+02 16 53.0	1999 UQ ₅₈	21.5	V 691	1999 WT ₂₆		1999 11 28.32340	03 48 09.21	+16 01 41.2	1999 WO ₂₁	20.2	V 691	
1999 VG ₂₂₈	*	1999 11 09.18637	00 42 39.68	+02 38 26.8	1999 US ₅₈	20.5	V 691	1999 WU ₂₆	*	1999 11 29.15830	02 34 58.46	+14 51 42.6	1999 WA ₂₃	22.8	V 691	
1999 VG ₂₂₈		1999 11 09.19408	00 42 39.45	+02 38 27.9	1999 US ₅₈	20.9	V 691	1999 WU ₂₆		1999 11 29.18022	02 34 57.39	+14 51 39.3	1999 WA ₂₃	22.9	V 691	
1999 VG ₂₂₈		1999 11 09.20186	00 42 39.22	+02 38 27.8	1999 US ₅₈	21.1	V 691	1999 WU ₂₆		1999 11 29.20201	02 34 56.28	+14 51 35.3	1999 WA ₂₃	22.9	V 691	
1999 VH ₂₂₈	*	1999 11 09.30198	03 31 18.40	+15 54 41.8	1999 VM ₁₁₅	21.6	V 691	1999 WV ₂₆	*	1999 11 29.15873	02 35 35.86	+14 47 03.2	1999 WZ ₂₂	22.1	V 691	

1999 WV ₂₆	1999 11 29.18065	02 35 34.83	+14 46 58.3	1999 WZ ₂₂	22.3 V	691	1999 XN ₂₆₂	1999 12 14.26157	05 10 36.81	+19 16 23.8	1999 XC ₁₅₅	18.6	704
1999 WV ₂₆	1999 11 29.20245	02 35 33.85	+14 46 53.1	1999 WZ ₂₂	21.9 V	691	1999 XN ₂₆₂	1999 12 14.27627	05 10 36.02	+19 16 28.4	1999 XC ₁₅₅	18.4	704
1999 XA ₂₆₂	* 1999 12 07.21937	03 11 43.85	+15 11 52.5	1999 VT ₃	19.1	704	1999 XO ₂₆₂	* 1999 12 15.43869	08 11 32.69	+20 36 39.1	1999 XS ₁₆₃	21.6 V	691
1999 XA ₂₆₂	1999 12 07.23395	03 11 43.19	+15 11 52.0	1999 VT ₃	19.1	704	1999 XO ₂₆₂	1999 12 15.44463	08 11 32.49	+20 36 39.5	1999 XS ₁₆₃	21.9 V	691
1999 XA ₂₆₂	1999 12 07.24849	03 11 42.63	+15 11 51.5	1999 VT ₃	19.5	704	1999 XO ₂₆₂	1999 12 15.45203	08 11 32.27	+20 36 40.5	1999 XS ₁₆₃	21.7 V	691
1999 XA ₂₆₂	1999 12 07.26307	03 11 42.09	+15 11 48.7	1999 VT ₃	19.4	704	1999 YC ₂₈	* 1999 12 17.47698	08 06 01.07	+22 02 55.3	1999 XP ₂₅₉	21.6 V	691
1999 XA ₂₆₂	1999 12 07.27762	03 11 41.40	+15 11 47.2	1999 VT ₃	19.7	704	1999 YC ₂₈	1999 12 17.49948	08 06 00.24	+22 02 54.5	1999 XP ₂₅₉	21.5 V	691
1999 XB ₂₆₂	* 1999 12 12.13727	02 33 57.06	+14 14 56.0	1999 XO ₂₅₀	22.2 V	691	1999 YC ₂₈	1999 12 17.52171	08 05 59.45	+22 02 53.5	1999 XP ₂₅₉	21.2 V	691
1999 XB ₂₆₂	1999 12 12.15959	02 33 56.60	+14 14 54.9	1999 XO ₂₅₀	21.9 V	691	1999 YD ₂₈	* 1999 12 27.46432	08 08 04.61	+21 17 20.4	1999 YM ₂₄	20.1 V	691
1999 XB ₂₆₂	1999 12 12.18109	02 33 56.04	+14 14 54.1	1999 XO ₂₅₀	22.1 V	691	1999 YD ₂₈	1999 12 27.48705	08 08 03.56	+21 17 21.6	1999 YM ₂₄	20.3 V	691
1999 XC ₂₆₂	* 1999 12 12.28866	03 02 36.16	+12 44 22.5	1999 XJ ₁₀₉	19.5 R	703	1999 YD ₂₈	1999 12 27.51003	08 08 02.53	+21 17 23.2	1999 YM ₂₄	20.4 V	691
1999 XC ₂₆₂	1999 12 12.30079	03 02 35.74	+12 44 22.0	1999 XJ ₁₀₉	19.4 R	703	1999 YE ₂₈	* 1999 12 27.46143	08 03 54.06	+21 14 58.4	1999 YK ₂₄	20.3 V	691
1999 XC ₂₆₂	1999 12 12.31295	03 02 35.31	+12 44 20.2	1999 XJ ₁₀₉	19.4 R	703	1999 YE ₂₈	1999 12 27.48416	08 03 53.01	+21 15 03.2	1999 YK ₂₄	20.3 V	691
1999 XC ₂₆₂	1999 12 12.32509	03 02 35.10	+12 44 19.0	1999 XJ ₁₀₉	19.8 R	703	1999 YE ₂₈	1999 12 27.50714	08 03 51.96	+21 15 07.7	1999 YK ₂₄	20.3 V	691
1999 XD ₂₆₂	* 1999 12 13.44078	07 58 58.41	+21 13 35.9	1999 XT ₂₄₃	22.0 V	691	2000 AG ₂₅₅	* 2000 01 13.42973	08 05 45.34	+23 11 33.0	2000 AT ₂₂₁	18.7 V	691
1999 XD ₂₆₂	1999 12 13.46326	07 58 57.67	+21 13 39.0	1999 XT ₂₄₃	22.3 V	691	2000 AG ₂₅₅	2000 01 13.43570	08 05 44.99	+23 11 35.3	2000 AT ₂₂₁	18.8 V	691
1999 XD ₂₆₂	1999 12 13.48585	07 58 57.00	+21 13 41.7	1999 XT ₂₄₃	22.1 V	691	2000 AG ₂₅₅	2000 01 13.44165	08 05 44.64	+23 11 37.9	2000 AT ₂₂₁	18.7 V	691
1999 XE ₂₆₂	* 1999 12 07.18687	03 39 48.98	+17 49 27.1	1999 XH ₁₃₈	21.5 V	691	2000 AH ₂₅₅	* 2000 01 11.33221	08 04 35.03	+22 02 43.3	1999 YB ₂₇	21.0 V	691
1999 XE ₂₆₂	1999 12 07.19107	03 39 48.77	+17 49 27.5	1999 XH ₁₃₈	21.5 V	691	2000 AH ₂₅₅	2000 01 11.35550	08 04 33.45	+22 02 45.4	1999 YB ₂₇	20.6 V	691
1999 XE ₂₆₂	1999 12 07.19514	03 39 48.55	+17 49 27.8	1999 XH ₁₃₈	21.5 V	691	2000 AH ₂₅₅	2000 01 11.37868	08 04 31.89	+22 02 47.5	1999 YB ₂₇	21.4 V	691
1999 XF ₂₆₂	* 1999 12 12.14964	02 51 48.56	+14 02 12.2	1999 XP ₁₀₈	19.5 V	691	2000 AJ ₂₅₅	* 2000 01 12.18450	04 46 33.33	+22 32 19.2	1999 YH ₂₇	19.6 V	691
1999 XF ₂₆₂	1999 12 12.17196	02 51 47.91	+14 02 11.9	1999 XP ₁₀₈	19.3 V	691	2000 AJ ₂₅₅	2000 01 12.20724	04 46 32.65	+22 32 20.2	1999 YH ₂₇	19.5 V	691
1999 XF ₂₆₂	1999 12 12.19345	02 51 47.27	+14 02 10.5	1999 XP ₁₀₈	19.6 V	691	2000 AJ ₂₅₅	2000 01 12.22993	04 46 31.95	+22 32 21.0	1999 YH ₂₇	19.4 V	691
1999 XF ₂₆₂	1999 12 12.24190	02 51 45.74	+14 02 11.2	1999 XP ₁₀₈	19.4 R	703	2000 AK ₂₅₅	* 2000 01 15.21883	07 57 14.46	+23 07 15.0	2000 AN ₂₁₉	19.4 V	691
1999 XF ₂₆₂	1999 12 12.25404	02 51 45.45	+14 02 08.6	1999 XP ₁₀₈	19.4 R	703	2000 AK ₂₅₅	2000 01 15.22489	07 57 14.09	+23 07 17.6	2000 AN ₂₁₉	19.4 V	691
1999 XF ₂₆₂	1999 12 12.26618	02 51 45.14	+14 02 08.1	1999 XP ₁₀₈	19.5 R	703	2000 AK ₂₅₅	2000 01 15.23101	07 57 13.65	+23 07 19.7	2000 AN ₂₁₉	19.3 V	691
1999 XF ₂₆₂	1999 12 12.27828	02 51 44.78	+14 02 06.7	1999 XP ₁₀₈	20.4 R	703	2000 AL ₂₅₅	* 2000 01 07.14637	05 52 06.55	+21 44 57.3	2000 AG ₄₆	19.6 V	651
1999 XG ₂₆₂	* 1999 12 12.29471	03 12 13.65	+14 44 37.9	1999 XF ₁₁₀	19.1 R	703	2000 AL ₂₅₅	2000 01 07.15036	05 52 06.36	+21 44 56.9	2000 AG ₄₆	19.6 V	651
1999 XG ₂₆₂	1999 12 12.30681	03 12 13.30	+14 44 37.4	1999 XF ₁₁₀	18.6 R	703	2000 AM ₂₅₅	* 2000 01 15.21681	07 53 36.27	+23 24 55.8	2000 AW ₂₂₀	18.7 V	691
1999 XG ₂₆₂	1999 12 12.31899	03 12 12.73	+14 44 36.2	1999 XF ₁₁₀	19.1 R	703	2000 AM ₂₅₅	2000 01 15.22287	07 53 35.85	+23 24 58.0	2000 AW ₂₂₀	18.9 V	691
1999 XG ₂₆₂	1999 12 12.33115	03 12 12.27	+14 44 35.2	1999 XF ₁₁₀	18.7 R	703	2000 AM ₂₅₅	2000 01 15.22899	07 53 35.43	+23 24 59.9	2000 AW ₂₂₀	18.7 V	691
1999 XH ₂₆₂	* 1999 12 13.22679	03 15 56.09	+22 10 43.8	1999 XN ₁₁₈	18.3 R	703	2000 AN ₂₅₅	* 2000 01 03.31198	07 09 56.37	+24 56 05.6	1999 XH ₉₀	17.8	704
1999 XH ₂₆₂	1999 12 13.23896	03 15 55.52	+22 10 43.1	1999 XN ₁₁₈	18.0 R	703	2000 AN ₂₅₅	2000 01 03.32668	07 09 55.26	+24 56 12.4	1999 XH ₉₀	18.2	704
1999 XH ₂₆₂	1999 12 13.25117	03 15 55.07	+22 10 41.4	1999 XN ₁₁₈	19.2 R	703	2000 AN ₂₅₅	2000 01 03.34142	07 09 54.17	+24 56 17.8	1999 XH ₉₀	17.9	704
1999 XH ₂₆₂	1999 12 13.26331	03 15 54.61	+22 10 37.7	1999 XN ₁₁₈	19.5 R	703	2000 AO ₂₅₅	* 2000 01 12.35341	07 02 50.31	+23 50 01.5	2000 AU ₂₄₉	20.7 V	691
1999 XJ ₂₆₂	* 1999 12 13.27579	03 34 28.41	+20 29 17.4	1999 XB ₁₁₉	18.5 R	703	2000 AO ₂₅₅	2000 01 12.37623	07 02 48.85	+23 50 05.8	2000 AU ₂₄₉	20.6 V	691
1999 XJ ₂₆₂	1999 12 13.28807	03 34 28.06	+20 29 14.7	1999 XB ₁₁₉	18.5 R	703	2000 AO ₂₅₅	2000 01 12.39907	07 02 47.33	+23 50 10.2	2000 AU ₂₄₉	21.2 V	691
1999 XJ ₂₆₂	1999 12 13.30027	03 34 27.49	+20 29 12.6	1999 XB ₁₁₉	18.9 R	703	2000 AP ₂₅₅	* 2000 01 14.26112	07 54 14.01	+23 14 54.2	2000 AY ₂₂₀	19.5 V	691
1999 XJ ₂₆₂	1999 12 13.31242	03 34 27.04	+20 29 09.4	1999 XB ₁₁₉	19.2 R	703	2000 AP ₂₅₅	2000 01 14.26938	07 54 13.58	+23 14 55.4	2000 AY ₂₂₀	19.3 V	691
1999 XK ₂₆₂	* 1999 12 14.17066	03 43 41.10	+21 09 51.5	1999 XZ ₂₄₄	20.8 V	691	2000 AP ₂₅₅	2000 01 14.27708	07 54 13.07	+23 14 57.4	2000 AY ₂₂₀	19.5 V	691
1999 XK ₂₆₂	1999 12 14.19346	03 43 39.96	+21 09 49.6	1999 XZ ₂₄₄	20.5 V	691	2000 AQ ₂₅₅	* 2000 01 13.24783	06 47 10.98	+22 08 02.0	2000 AW ₂₅₀	19.7 V	691
1999 XK ₂₆₂	1999 12 14.21591	03 43 38.87	+21 09 47.5	1999 XZ ₂₄₄	20.9 V	691	2000 AQ ₂₅₅	2000 01 13.27988	06 47 09.28	+22 08 01.1	2000 AW ₂₅₀	19.7 V	691
1999 XL ₂₆₂	* 1999 12 12.24389	02 39 52.44	+15 08 55.2	1999 XO ₁₀₈	19.1 R	703	2000 AQ ₂₅₅	2000 01 13.30321	06 47 08.01	+22 08 00.3	2000 AW ₂₅₀	20.3 V	691
1999 XL ₂₆₂	1999 12 12.25604	02 39 52.23	+15 08 54.4	1999 XO ₁₀₈	18.9 R	703	2000 AR ₂₅₅	* 2000 01 13.47381	09 20 53.31	+15 09 26.3	2000 AY ₂₅₁	19.4 V	691
1999 XL ₂₆₂	1999 12 12.26817	02 39 51.99	+15 08 52.8	1999 XO ₁₀₈	18.8 R	703	2000 AR ₂₅₅	2000 01 13.49576	09 20 52.11	+15 09 27.8	2000 AY ₂₅₁	19.3 V	691
1999 XL ₂₆₂	1999 12 12.28028	02 39 51.68	+15 08 52.6	1999 XO ₁₀₈	19.0 R	703	2000 AR ₂₅₅	2000 01 13.51736	09 20 50.92	+15 09 29.2	2000 AY ₂₅₁	19.5 V	691
1999 XM ₂₆₂	* 1999 12 13.27987	03 34 55.04	+23 22 41.0	1999 XC ₁₂₁	20.0 R	703	2000 BJ ₅₁	* 2000 01 30.24400	08 16 16.43	+27 52 30.2	4142 T-1	19.0	704
1999 XM ₂₆₂	1999 12 13.29210	03 34 54.62	+23 22 35.8	1999 XC ₁₂₁	19.8 R	703	2000 BJ ₅₁	2000 01 30.25892	08 16 15.36	+27 52 32.0	4142 T-1	19.4	704
1999 XM ₂₆₂	1999 12 13.30430	03 34 54.11	+23 22 33.1	1999 XC ₁₂₁	19.4 R	703	2000 BJ ₅₁	2000 01 30.27380	08 16 14.30	+27 52 32.6	4142 T-1	19.6	704
1999 XM ₂₆₂	1999 12 13.31643	03 34 53.61	+23 22 30.5	1999 XC ₁₂₁	19.2 R	703	2000 BK ₅₁	* 2000 01 27.08866	06 59 53.40	+22 52 50.4	2000 AH ₂₈	20.8 V	691
1999 XN ₂₆₂	* 1999 12 14.21819	05 10 39.24	+19 16 12.1	1999 XC ₁₅₅	18.2	704	2000 BK ₅₁	2000 01 27.11144	06 59 52.14	+22 52 50.2	2000 AH ₂₈	20.1 V	691
1999 XN ₂₆₂	1999 12 14.23262	05 10 38.42	+19 16 16.5	1999 XC ₁₅₅	18.6	704	2000 BK ₅₁	2000 01 27.13566	06 59 50.71	+22 52 48.6	2000 AH ₂₈	19.5 V	I 691
1999 XN ₂₆₂	1999 12 14.24711	05 10 37.56	+19 16 20.2	1999 XC ₁₅₅	18.7	704	2000 BL ₅₁	* 2000 01 30.24323	08 12 28.86	+22 51 56.3	2000 AW ₅₅	18.1	704

2000 BL ₅₁	2000 01 30.25814	08 12 27.84	+22 52 01.7	2000 AW ₅₅	19.0	704	2000 CJ ₁₄₅	2000 02 03.24831	08 41 32.23	+19 23 40.7	2000 AF ₆₇	19.5	704
2000 BL ₅₁	2000 01 30.27302	08 12 26.84	+22 52 07.7	2000 AW ₅₅	19.3	704	2000 CJ ₁₄₅	2000 02 03.26295	08 41 31.46	+19 23 44.2	2000 AF ₆₇	19.4	704
2000 BL ₅₁	2000 01 31.23947	08 11 23.59	+22 58 00.7	2000 AW ₅₅	18.7	704	2000 CJ ₁₄₅	2000 02 03.27759	08 41 30.58	+19 23 47.8	2000 AF ₆₇	19.9	704
2000 BL ₅₁	2000 01 31.25443	08 11 22.59	+22 58 05.3	2000 AW ₅₅	19.1	704	2000 CJ ₁₄₅	2000 02 03.29224	08 41 29.94	+19 23 51.6	2000 AF ₆₇	19.6	704
2000 BL ₅₁	2000 01 31.26929	08 11 21.62	+22 58 11.9	2000 AW ₅₅	19.0	704	2000 CK ₁₄₅	* 2000 02 08.40170	09 44 42.09	+14 09 19.4	2000 BW ₄₂	20.4 V	691
2000 BM ₅₁	* 2000 01 31.23947	08 11 14.33	+22 01 47.1	2000 AZ ₃₃	19.3	704	2000 CK ₁₄₅	* 2000 02 08.40559	09 44 41.82	+14 09 19.8	2000 BW ₄₂	20.5 V	691
2000 BM ₅₁	2000 01 31.25443	08 11 13.27	+22 01 46.5	2000 AZ ₃₃	19.7	704	2000 CK ₁₄₅	2000 02 08.40942	09 44 41.56	+14 09 20.5	2000 BW ₄₂	20.4 V	691
2000 BM ₅₁	2000 01 31.26929	08 11 12.38	+22 01 45.0	2000 AZ ₃₃	19.8	704	2000 CL ₁₄₅	* 2000 02 15.34341	09 38 41.14	+14 37 42.4	2000 CV ₉₉	20.2 V	691
2000 CT ₁₄₄	* 2000 02 03.25294	09 31 33.70	+14 43 25.3	2000 BZ ₃₂	19.5	704	2000 CL ₁₄₅	2000 02 15.34993	09 38 40.78	+14 37 44.4	2000 CV ₉₉	20.0 V	691
2000 CT ₁₄₄	2000 02 03.26756	09 31 32.85	+14 43 28.8	2000 BZ ₃₂	19.5	704	2000 CL ₁₄₅	2000 02 15.35630	09 38 40.41	+14 37 45.9	2000 CV ₉₉	20.2 V	691
2000 CT ₁₄₄	2000 02 03.28219	09 31 31.91	+14 43 31.3	2000 BZ ₃₂	19.6	704	2000 CM ₁₄₅	* 2000 02 15.34360	09 38 57.37	+14 30 28.2	2000 CU ₉₉	20.6 V	691
2000 CU ₁₄₄	* 2000 02 04.38926	09 50 18.35	+13 39 39.5	2000 BM ₄₀	21.3 V	691	2000 CM ₁₄₅	2000 02 15.35011	09 38 57.01	+14 30 29.2	2000 CU ₉₉	21.1 V	691
2000 CU ₁₄₄	2000 02 04.39497	09 50 18.05	+13 39 39.1	2000 BM ₄₀	21.6 V	691	2000 CM ₁₄₅	2000 02 15.35649	09 38 56.63	+14 30 30.3	2000 CU ₉₉	20.6 V	691
2000 CU ₁₄₄	2000 02 04.40061	09 50 17.77	+13 39 40.1	2000 BM ₄₀	21.4 V	691	2000 CN ₁₄₅	* 2000 02 15.34382	09 39 16.75	+14 44 12.2	2000 CS ₉₉	19.6 V	691
2000 CV ₁₄₄	* 2000 02 04.90348	10 43 12.11	+10 34 19.7	2000 CP ₁		104	2000 CN ₁₄₅	2000 02 15.35034	09 39 16.41	+14 44 14.6	2000 CS ₉₉	19.3 V	691
2000 CV ₁₄₄	2000 02 04.91750	10 43 11.54	+10 34 25.6	2000 CP ₁	18.1 V	104	2000 CN ₁₄₅	2000 02 15.35671	09 39 16.08	+14 44 16.5	2000 CS ₉₉	19.5 V	691
2000 CW ₁₄₄	* 2000 02 05.17626	09 05 49.62	+16 40 54.4	2000 BW ₃₄	22.2 R	1 695	2000 CO ₁₄₅	* 2000 02 07.23243	09 16 02.34	+15 26 06.5	2000 BO ₄₇	20.6 V	691
2000 CW ₁₄₄	2000 02 05.29149	09 05 42.79	+16 41 23.0	2000 BW ₃₄		1 695	2000 CO ₁₄₅	2000 02 07.25433	09 16 00.89	+15 26 13.0	2000 BO ₄₇	20.6 V	691
2000 CX ₁₄₄	* 2000 02 07.28909	09 02 08.87	+15 50 12.2	2000 CH ₁₁₇	21.4 V	691	2000 CO ₁₄₅	2000 02 07.27613	09 15 59.43	+15 26 19.5	2000 BO ₄₇	20.5 V	691
2000 CX ₁₄₄	2000 02 07.31261	09 02 07.39	+15 50 19.6	2000 CH ₁₁₇	21.5 V	691	2000 CP ₁₄₅	* 2000 02 07.35505	09 28 14.59	+14 50 18.7	2000 BZ ₄₄	19.8 V	691
2000 CX ₁₄₄	2000 02 07.33480	09 02 05.99	+15 50 25.9	2000 CH ₁₁₇	21.1 V	691	2000 CP ₁₄₅	2000 02 07.37673	09 28 13.20	+14 50 24.6	2000 BZ ₄₄	19.4 V	691
2000 CY ₁₄₄	* 2000 02 08.40226	09 45 31.19	+14 01 13.6	2000 CB ₇₃	21.1 V	691	2000 CP ₁₄₅	2000 02 07.39856	09 28 11.78	+14 50 30.3	2000 BZ ₄₄	19.8 V	691
2000 CY ₁₄₄	2000 02 08.40616	09 45 30.96	+14 01 15.6	2000 CB ₇₃	21.0 V	691	2000 CQ ₁₄₅	* 2000 02 08.34685	07 32 47.23	+24 18 42.6	2000 CK ₆₇	19.4 R	734
2000 CY ₁₄₄	2000 02 08.40999	09 45 30.74	+14 01 17.7	2000 CB ₇₃	21.1 V	691	2000 CQ ₁₄₅	2000 02 08.35263	07 32 46.99	+24 18 42.3	2000 CK ₆₇	19.2 R	734
2000 CZ ₁₄₄	* 2000 02 10.81499	10 39 01.90	+05 06 19.4	2000 CR ₇₇	18.0 V	104	2000 CQ ₁₄₅	2000 02 08.35793	07 32 46.73	+24 18 43.0	2000 CK ₆₇	19.4 R	734
2000 CZ ₁₄₄	2000 02 10.82167	10 39 01.62	+05 06 21.2	2000 CR ₇₇		104	2000 CQ ₁₄₅	2000 02 08.36325	07 32 46.49	+24 18 42.6	2000 CK ₆₇	19.8 R	734
2000 CZ ₁₄₄	2000 02 10.82639	10 39 01.41	+05 06 22.8	2000 CR ₇₇		104	2000 CQ ₁₄₅	2000 02 08.36885	07 32 46.22	+24 18 42.3	2000 CK ₆₇	19.4 R	734
2000 CA ₁₄₅	* 2000 02 11.30615	09 25 14.08	+15 41 57.8	2000 BP ₃₅	18.5	704	2000 CR ₁₄₅	* 2000 02 14.35338	10 38 33.51	+07 27 14.5	2000 CJ ₉₈	19.8 V	691
2000 CA ₁₄₅	2000 02 11.33491	09 25 12.12	+15 42 05.3	2000 BP ₃₅	18.6	704	2000 CR ₁₄₅	2000 02 14.37454	10 38 32.19	+07 27 19.6	2000 CJ ₉₈	19.7 V	691
2000 CA ₁₄₅	2000 02 11.34930	09 25 11.28	+15 42 09.3	2000 BP ₃₅	19.1	704	2000 CR ₁₄₅	2000 02 14.39576	10 38 30.91	+07 27 24.7	2000 CJ ₉₈	19.9 V	691
2000 CA ₁₄₅	2000 02 11.36371	09 25 10.23	+15 42 12.6	2000 BP ₃₅	19.2	704	2000 CS ₁₄₅	* 2000 02 06.39297	09 02 35.47	+16 23 43.9	2000 CF ₁₄₀	19.4 V	691
2000 CB ₁₄₅	* 2000 02 15.34141	09 35 23.50	+14 22 53.4	2000 CN ₉₉	20.1 V	691	2000 CS ₁₄₅	2000 02 06.39758	09 02 35.16	+16 23 45.3	2000 CF ₁₄₀	19.5 V	691
2000 CB ₁₄₅	2000 02 15.34793	09 35 23.19	+14 22 55.3	2000 CN ₉₉	19.6 V	691	2000 CS ₁₄₅	2000 02 06.40270	09 02 34.84	+16 23 46.4	2000 CF ₁₄₀	19.7 V	691
2000 CB ₁₄₅	2000 02 15.35431	09 35 22.85	+14 22 57.1	2000 CN ₉₉	20.0 V	691	2000 CT ₁₄₅	* 2000 02 06.42512	10 51 39.20	+07 59 57.8	2000 CT ₁₃₉	20.1 V	691
2000 CC ₁₄₅	* 2000 02 15.36987	09 59 13.92	+17 41 40.5	2000 CL ₁₁₉	19.0 V	691	2000 CT ₁₄₅	2000 02 06.43114	10 51 38.93	+08 00 00.1	2000 CT ₁₃₉	20.1 V	691
2000 CC ₁₄₅	2000 02 15.37632	09 59 13.54	+17 41 42.4	2000 CL ₁₁₉	19.0 V	691	2000 CT ₁₄₅	2000 02 06.43710	10 51 38.71	+08 00 02.2	2000 CT ₁₃₉	19.8 V	691
2000 CC ₁₄₅	2000 02 15.38488	09 59 13.07	+17 41 44.9	2000 CL ₁₁₉	19.1 V	691	2000 CU ₁₄₅	* 2000 02 14.36328	10 52 50.81	+07 04 23.7	2000 CA ₁₁₉	18.6 V	691
2000 CD ₁₄₅	* 2000 02 03.32682	09 36 56.25	+15 10 50.9	2000 BC ₃₄	19.3	704	2000 CU ₁₄₅	2000 02 14.38444	10 52 49.88	+07 04 29.3	2000 CA ₁₁₉	18.5 V	691
2000 CD ₁₄₅	2000 02 03.34144	09 36 55.39	+15 10 52.4	2000 BC ₃₄	19.5	704	2000 CU ₁₄₅	2000 02 14.40567	10 52 48.94	+07 04 33.8	2000 CA ₁₁₉	18.2 V	691
2000 CD ₁₄₅	2000 02 03.35572	09 36 54.47	+15 10 54.1	2000 BC ₃₄	19.6	704	2000 DB ₁₁₈	* 2000 02 28.86955	11 39 36.18	+05 36 08.0	2000 AE ₁₃₇	17.9	106
2000 CE ₁₄₅	* 2000 02 05.44774	10 52 19.55	+08 00 18.2	2000 CD ₁₃₈	20.6 V	691	2000 DB ₁₁₈	2000 02 28.88721	11 39 35.13	+05 36 12.2	2000 AE ₁₃₇	18.2	106
2000 CE ₁₄₅	2000 02 05.45375	10 52 19.28	+08 00 19.1	2000 CD ₁₃₈	20.4 V	691	2000 DB ₁₁₈	2000 02 28.90586	11 39 34.07	+05 36 15.4	2000 AE ₁₃₇	17.6	106
2000 CE ₁₄₅	2000 02 05.45954	10 52 19.04	+08 00 20.0	2000 CD ₁₃₈	20.2 V	691	2000 EQ ₂₀₁	* 2000 03 11.19109	10 24 57.22	+09 07 08.7	2000 EH ₁₈₇	19.9	704
2000 CF ₁₄₅	* 2000 02 08.38926	09 28 12.58	+15 22 36.6	2000 BB ₄₄	18.8 V	691	2000 EQ ₂₀₁	2000 03 11.20358	10 24 56.61	+09 07 11.1	2000 EH ₁₈₇	20.1	704
2000 CF ₁₄₅	2000 02 08.39345	09 28 12.30	+15 22 37.3	2000 BB ₄₄	18.7 V	691	2000 EQ ₂₀₁	2000 03 11.23098	10 24 55.25	+09 07 15.9	2000 EH ₁₈₇	19.9	704
2000 CF ₁₄₅	2000 02 08.39759	09 28 12.03	+15 22 38.6	2000 BB ₄₄	18.8 V	691	2000 ER ₂₀₁	* 2000 03 12.11332	08 23 55.93	+18 46 27.1	2000 EY ₁₇₇	20.0 V	691
2000 CG ₁₄₅	* 2000 02 12.31246	10 41 54.81	+06 29 31.0	2000 CE ₁₀₃	17.7	704	2000 ER ₂₀₁	2000 03 12.13543	08 23 55.57	+18 46 28.4	2000 EY ₁₇₇	20.0 V	691
2000 CG ₁₄₅	2000 02 12.33982	10 41 53.26	+06 29 35.4	2000 CE ₁₀₃	18.1	704	2000 ER ₂₀₁	2000 03 12.15740	08 23 55.24	+18 46 29.3	2000 EY ₁₇₇	20.1 V	691
2000 CG ₁₄₅	2000 02 12.36721	10 41 51.79	+06 29 39.3	2000 CE ₁₀₃	18.1	704	2000 ES ₂₀₁	* 2000 03 03.26503	10 58 10.80	+06 31 03.4	2000 DK ₁₁₃	19.8	704
2000 CH ₁₄₅	* 2000 02 11.25835	10 02 47.11	+12 18 22.2	2000 CJ ₁₁₀	20.5 V	691	2000 ES ₂₀₁	2000 03 03.27825	10 58 10.11	+06 31 10.3	2000 DK ₁₁₃	20.4	704
2000 CH ₁₄₅	2000 02 11.28002	10 02 45.75	+12 18 30.9	2000 CJ ₁₁₀	20.9 V	691	2000 ES ₂₀₁	2000 03 03.30469	10 58 08.53	+06 31 25.3	2000 DK ₁₁₃	20.7	704
2000 CH ₁₄₅	2000 02 11.30199	10 02 44.33	+12 18 39.8	2000 CJ ₁₁₀	20.8 V	691	2000 ES ₂₀₁	2000 03 03.31791	10 58 07.81	+06 31 29.7	2000 DK ₁₁₃	20.2	704
2000 CJ ₁₄₅	* 2000 02 03.23362	08 41 32.90	+19 23 38.2	2000 AF ₆₇	19.2	704	2000 ET ₂₀₁	* 2000 03 03.34608	11 43 18.47	-00 37 42.5	2000 DQ ₇₄	18.3	704

2000 ET ₂₀₁	2000 03 03.36434	11 43 17.38	-00 37 38.2	2000 DQ ₇₄	18.3	704	2000 EJ ₂₀₂	2000 03 11.39443	11 06 17.91	+05 33 37.6	2000 EO ₅₄	19.2 V	691
2000 ET ₂₀₁	2000 03 03.37827	11 43 16.54	-00 37 35.1	2000 DQ ₇₄	18.6	704	2000 EJ ₂₀₂	2000 03 11.40102	11 06 17.61	+05 33 39.4	2000 EO ₅₄	19.3 V	691
2000 ET ₂₀₁	2000 03 03.39259	11 43 15.68	-00 37 31.5	2000 DQ ₇₄	18.2	704	2000 EK ₂₀₂ *	2000 03 14.01220	12 34 23.89	+04 33 09.2	2000 EM ₁₇₂		120
2000 ET ₂₀₁	2000 03 03.40678	11 43 14.83	-00 37 28.5	2000 DQ ₇₄	18.7	704	2000 EK ₂₀₂	2000 03 14.05036	12 34 21.75	+04 33 14.5	2000 EM ₁₇₂		p 120
2000 EU ₂₀₁ *	2000 03 03.39753	11 12 19.39	+04 51 11.4	2000 EH ₁₇₇	19.0	704	2000 EL ₂₀₂ *	2000 03 14.25931	11 49 11.15	+01 47 30.4	2000 EO ₁₃₂	18.8 R	703
2000 EU ₂₀₁	2000 03 12.32591	11 05 23.39	+05 47 24.4	2000 EH ₁₇₇	21.0 V	691	2000 EL ₂₀₂	2000 03 14.27519	11 49 10.44	+01 47 34.3	2000 EO ₁₃₂	18.4 R	703
2000 EU ₂₀₁	2000 03 12.33187	11 05 23.05	+05 47 26.5	2000 EH ₁₇₇	21.1 V	691	2000 EL ₂₀₂	2000 03 14.29105	11 49 09.55	+01 47 39.3	2000 EO ₁₃₂	18.5 R	703
2000 EU ₂₀₁	2000 03 12.33777	11 05 22.74	+05 47 29.1	2000 EH ₁₇₇	20.7 V	691	2000 EL ₂₀₂	2000 03 14.30696	11 49 08.88	+01 47 44.7	2000 EO ₁₃₂	18.7 R	703
2000 EV ₂₀₁ *	2000 03 08.02110	11 51 50.02	-00 57 54.5	2000 DA ₁₁₆	20.9 V	049	2000 EM ₂₀₂ *	2000 03 04.24026	08 13 07.53	+23 40 51.3	2000 DS ₁₁₆	18.3	704
2000 EV ₂₀₁	2000 03 08.02478	11 51 49.86	-00 57 55.1	2000 DA ₁₁₆	20.6 V	049	2000 EM ₂₀₂	2000 03 04.25373	08 13 07.16	+23 40 49.1	2000 DS ₁₁₆	18.7	704
2000 EV ₂₀₁	2000 03 08.02808	11 51 49.69	-00 57 55.4	2000 DA ₁₁₆	20.5 V	049	2000 EM ₂₀₂	2000 03 04.26718	08 13 06.86	+23 40 47.4	2000 DS ₁₁₆	18.8	704
2000 EW ₂₀₁ *	2000 03 08.27162	10 57 18.35	+06 38 00.5	2000 ET ₁₄₃	20.1 V	691	2000 EM ₂₀₂	2000 03 04.28064	08 13 06.52	+23 40 45.6	2000 DS ₁₁₆	18.6	704
2000 EW ₂₀₁	2000 03 08.27826	10 57 17.97	+06 38 02.6	2000 ET ₁₄₃	20.2 V	691	2000 EM ₂₀₂	2000 03 04.29431	08 13 06.05	+23 40 43.8	2000 DS ₁₁₆	18.3	704
2000 EW ₂₀₁	2000 03 08.28391	10 57 17.71	+06 38 04.1	2000 ET ₁₄₃	20.6 V	691	2000 EN ₂₀₂ *	2000 03 11.37599	11 50 48.50	+02 37 54.1	2000 EV ₁₅₀	19.1	704
2000 EX ₂₀₁ *	2000 03 09.18740	09 07 24.82	+15 52 58.9	2000 EE ₁₄₂	20.2 V	691	2000 EN ₂₀₂	2000 03 11.39072	11 50 47.82	+02 37 59.5	2000 EV ₁₅₀	20.2	704
2000 EX ₂₀₁	2000 03 09.20932	09 07 24.09	+15 53 01.4	2000 EE ₁₄₂	20.1 V	691	2000 EN ₂₀₂	2000 03 11.40762	11 50 47.00	+02 38 04.8	2000 EV ₁₅₀	19.6	704
2000 EX ₂₀₁	2000 03 09.23147	09 07 23.37	+15 53 03.6	2000 EE ₁₄₂	20.0 V	691	2000 EN ₂₀₂	2000 03 11.42038	11 50 46.41	+02 38 08.7	2000 EV ₁₅₀	19.6	704
2000 EY ₂₀₁ *	2000 03 11.31381	11 44 55.48	+01 54 17.0	2000 EN ₁₉₆	19.7	704	2000 EN ₂₀₂	2000 03 11.43906	11 50 45.51	+02 38 15.2	2000 EV ₁₅₀	19.8	704
2000 EY ₂₀₁	2000 03 11.33892	11 44 54.13	+01 54 28.6	2000 EN ₁₉₆	20.5	704	2000 EO ₂₀₂ *	2000 03 12.48404	12 51 06.35	+06 40 03.2	2000 EM ₁₅₄	18.8	704
2000 EY ₂₀₁	2000 03 11.35659	11 44 53.04	+01 54 35.0	2000 EN ₁₉₆	19.9	704	2000 EO ₂₀₂	2000 03 12.49667	12 51 05.68	+06 40 07.8	2000 EM ₁₅₄	19.2	704
2000 EY ₂₀₁	2000 03 11.36914	11 44 52.30	+01 54 39.5	2000 EN ₁₉₆	20.7	704	2000 EO ₂₀₂	2000 03 12.50938	12 51 05.04	+06 40 12.8	2000 EM ₁₅₄	19.1	704
2000 EZ ₂₀₁ *	2000 03 12.31895	12 51 14.95	+06 39 05.1	2000 EL ₁₅₄	19.3 R	703	2000 EP ₂₀₂ *	2000 03 14.40631	11 45 09.55	+00 16 27.6	2000 EU ₁₀₀	20.7 V	691
2000 EZ ₂₀₁	2000 03 12.33489	12 51 14.10	+06 39 09.9	2000 EL ₁₅₄	18.8 R	703	2000 EP ₂₀₂	2000 03 14.41407	11 45 09.11	+00 16 30.7	2000 EU ₁₀₀	20.5 V	691
2000 EZ ₂₀₁	2000 03 12.35076	12 51 13.22	+06 39 16.4	2000 EL ₁₅₄	18.8 R	703	2000 EP ₂₀₂	2000 03 14.42130	11 45 08.72	+00 16 33.1	2000 EU ₁₀₀	20.6 V	691
2000 EZ ₂₀₁	2000 03 12.36662	12 51 12.51	+06 39 20.8	2000 EL ₁₅₄	18.5 R	703	2000 EQ ₂₀₂ *	2000 03 06.52118	11 20 30.26	+08 42 50.6	2000 EZ ₇	17.7 R	474
2000 EA ₂₀₂ *	2000 03 12.37025	14 12 10.85	+10 19 12.6	2000 EZ ₂₀₀	18.8 R	699	2000 EQ ₂₀₂	2000 03 06.52637	11 20 29.98	+08 42 52.6	2000 EZ ₇	17.6 R	474
2000 EA ₂₀₂	2000 03 12.39073	14 12 10.43	+10 19 23.2	2000 EZ ₂₀₀		699	2000 EQ ₂₀₂	2000 03 06.53073	11 20 29.75	+08 42 54.1	2000 EZ ₇	17.9 R	474
2000 EA ₂₀₂	2000 03 12.41121	14 12 10.05	+10 19 35.0	2000 EZ ₂₀₀		699	2000 ER ₂₀₂ *	2000 03 09.12696	09 23 20.30	+15 15 27.6	2000 DC ₁₁₅	20.3 V	691
2000 EA ₂₀₂	2000 03 12.43164	14 12 09.61	+10 19 44.6	2000 EZ ₂₀₀		699	2000 ER ₂₀₂	2000 03 09.15181	09 23 19.21	+15 15 34.2	2000 DC ₁₁₅	20.5 V	691
2000 EB ₂₀₂ *	2000 03 13.98021	12 34 50.20	+04 35 53.6	2000 EL ₇₅	19.4	120	2000 ER ₂₀₂	2000 03 09.17358	09 23 18.25	+15 15 39.9	2000 DC ₁₁₅	20.3 V	691
2000 EB ₂₀₂	2000 03 14.05036	12 34 46.52	+04 35 54.6	2000 EL ₇₅		120	2000 ES ₂₀₂ *	2000 03 15.34530	11 02 51.57	+05 55 10.5	2000 EZ ₁₃₉	19.4 V	691
2000 EC ₂₀₂ *	2000 03 03.14752	09 19 09.28	+15 14 05.4	2000 EM ₁₇₄	20.1 V	691	2000 ES ₂₀₂	2000 03 15.34981	11 02 51.37	+05 55 11.8	2000 EZ ₁₃₉	19.4 V	691
2000 EC ₂₀₂	2000 03 14.24026	09 12 33.78	+15 48 14.6	2000 EM ₁₇₄	21.4 V	691	2000 ES ₂₀₂	2000 03 15.35373	11 02 51.19	+05 55 13.1	2000 EZ ₁₃₉	19.5 V	691
2000 EC ₂₀₂	2000 03 14.26712	09 12 32.99	+15 48 19.7	2000 EM ₁₇₄	21.1 V	691	2000 ET ₂₀₂ *	2000 03 03.15852	09 48 31.42	+13 29 13.2	2000 CY ₂₉	19.0	704
2000 EC ₂₀₂	2000 03 14.29917	09 12 32.05	+15 48 25.0	2000 EM ₁₇₄	21.4 V	691	2000 ET ₂₀₂	2000 03 03.17184	09 48 30.74	+13 29 18.5	2000 CY ₂₉	18.7	704
2000 ED ₂₀₂ *	2000 03 03.26503	10 57 27.93	+06 11 22.8	2000 DH ₁₁₃	20.0	704	2000 ET ₂₀₂	2000 03 03.18519	09 48 30.02	+13 29 22.8	2000 CY ₂₉	18.8	704
2000 ED ₂₀₂	2000 03 03.27825	10 57 27.03	+06 11 27.3	2000 DH ₁₁₃	20.3	704	2000 EU ₂₀₂ *	2000 03 05.30970	12 12 02.98	+11 54 00.1	2000 GR ₈₃	19.1	704
2000 ED ₂₀₂	2000 03 03.30469	10 57 25.41	+06 11 36.0	2000 DH ₁₁₃	20.4	704	2000 EU ₂₀₂	2000 03 05.32291	12 12 02.52	+11 54 06.0	2000 GR ₈₃	19.7	704
2000 ED ₂₀₂	2000 03 03.31791	10 57 24.60	+06 11 39.0	2000 DH ₁₁₃	20.2	704	2000 EU ₂₀₂	2000 03 05.33614	12 12 01.91	+11 54 11.9	2000 GR ₈₃	19.8	704
2000 EE ₂₀₂ *	2000 03 05.25656	09 48 33.68	+14 21 27.0	2000 DR ₁₀₈	19.7	704	2000 EU ₂₀₂	2000 03 05.34937	12 12 01.45	+11 54 17.5	2000 GR ₈₃	19.7	704
2000 EE ₂₀₂	2000 03 05.26984	09 48 32.89	+14 21 31.2	2000 DR ₁₀₈	19.2	704	2000 EU ₂₀₂	2000 03 05.36261	12 12 00.79	+11 54 25.2	2000 GR ₈₃	20.3	704
2000 EE ₂₀₂	2000 03 05.28313	09 48 32.13	+14 21 37.4	2000 DR ₁₀₈	19.8	704	2000 FZ ₇₃ *	2000 03 30.13718	10 03 01.51	+11 48 14.8	2000 CA ₁₁₃	21.3 V	691
2000 EE ₂₀₂	2000 03 05.29644	09 48 31.51	+14 21 41.0	2000 DR ₁₀₈	19.0	704	2000 FZ ₇₃	2000 03 30.15846	10 03 00.99	+11 48 17.2	2000 CA ₁₁₃	21.0 V	691
2000 EF ₂₀₂ *	2000 03 09.11832	10 24 50.74	+14 53 12.2	2000 EX ₂₆		715	2000 FZ ₇₃	2000 03 30.17993	10 03 00.50	+11 48 19.4	2000 CA ₁₁₃	21.0 V	691
2000 EF ₂₀₂	2000 03 09.12725	10 24 50.16	+14 53 14.1	2000 EX ₂₆	19.3 R	715	2000 FZ ₇₃	2000 04 08.14079	10 00 38.50	+11 58 25.5	2000 CA ₁₁₃	21.5 V	691
2000 EF ₂₀₂	2000 03 09.13494	10 24 49.68	+14 53 16.8	2000 EX ₂₆	18.3 R	715	2000 FZ ₇₃	2000 04 08.16313	10 00 38.23	+11 58 26.4	2000 CA ₁₁₃	21.8 V	691
2000 EG ₂₀₂ *	2000 03 10.38605	09 37 27.14	+14 14 19.4	2000 EH ₅₃	19.9 V	691	2000 FZ ₇₃	2000 04 08.18565	10 00 38.00	+11 58 27.7	2000 CA ₁₁₃	21.5 V	691
2000 EG ₂₀₂	2000 03 10.39169	09 37 26.87	+14 14 19.3	2000 EH ₅₃	20.1 V	691	2000 GB ₁₈₄ *	2000 04 05.25859	12 48 31.91	-05 10 48.6	2000 FG ₅₁	22.2 V	691
2000 EG ₂₀₂	2000 03 10.39732	09 37 26.64	+14 14 20.1	2000 EH ₅₃	19.9 V	691	2000 GB ₁₈₄	2000 04 05.27989	12 48 30.70	-05 10 40.5	2000 FG ₅₁	22.5 V	691
2000 EH ₂₀₂ *	2000 03 10.97951	12 09 02.56	+02 19 21.0	2000 EZ ₄₉	19.2	120	2000 GB ₁₈₄	2000 04 05.30108	12 48 29.58	-05 10 31.9	2000 FG ₅₁	22.1 V	691
2000 EH ₂₀₂	2000 03 10.99828	12 09 01.22	+02 19 22.9	2000 EZ ₄₉		p 120	2000 GC ₁₈₄ *	2000 04 05.27648	12 49 34.00	-03 35 38.7	2000 GM ₁₇₅	19.9	704
2000 EH ₂₀₂	2000 03 11.01358	12 09 00.36	+02 19 26.9	2000 EZ ₄₉		120	2000 GC ₁₈₄	2000 04 05.29425	12 49 33.03	-03 35 33.9	2000 GM ₁₇₅	20.8	704
2000 EJ ₂₀₂ *	2000 03 11.38971	11 06 18.18	+05 33 36.4	2000 EO ₅₄	19.2 V	691	2000 GC ₁₈₄	2000 04 05.30932	12 49 32.14	-03 35 28.2	2000 GM ₁₇₅	20.3	704

2000 GD ₁₈₄	* 2000 04 05.27722	12 55 26.45	-02 42 08.1	2000 FN ₄₆	18.6	704	2000 GV ₁₈₄	2000 04 08.16041	11 47 08.56	+17 10 17.8	2000 EG ₁₇₁	19.7	704
2000 GD ₁₈₄	2000 04 05.29550	12 55 25.55	-02 42 03.2	2000 FN ₄₆	18.1	704	2000 GV ₁₈₄	2000 04 08.17434	11 47 08.08	+17 10 18.5	2000 EG ₁₇₁	19.5	704
2000 GD ₁₈₄	2000 04 05.31006	12 55 24.86	-02 41 59.5	2000 FN ₄₆	18.2	704	2000 GV ₁₈₄	2000 04 08.18816	11 47 07.51	+17 10 18.1	2000 EG ₁₇₁	19.0	704
2000 GD ₁₈₄	2000 04 05.32450	12 55 24.12	-02 41 55.6	2000 FN ₄₆	18.0	704	2000 GW ₁₈₄ *	2000 04 03.19764	10 35 37.75	+12 00 21.5	2000 FM ₁₅	18.8 R	699
2000 GD ₁₈₄	2000 04 05.33892	12 55 23.41	-02 41 51.8	2000 FN ₄₆	18.0	704	2000 GW ₁₈₄	2000 04 03.21209	10 35 37.27	+12 00 21.4	2000 FM ₁₅		699
2000 GE ₁₈₄	* 2000 04 05.28126	13 06 34.13	-06 43 14.6	2000 FE ₆₈	19.8	704	2000 GW ₁₈₄	2000 04 03.22649	10 35 36.85	+12 00 21.8	2000 FM ₁₅		699
2000 GE ₁₈₄	2000 04 05.29968	13 06 32.96	-06 43 09.6	2000 FE ₆₈	19.8	704	2000 GW ₁₈₄	2000 04 03.24087	10 35 36.45	+12 00 22.9	2000 FM ₁₅		699
2000 GE ₁₈₄	2000 04 05.31411	13 06 32.18	-06 43 05.6	2000 FE ₆₈	20.0	704	2000 GW ₁₈₄	2000 04 03.24500	10 35 36.33	+12 00 21.9	2000 FM ₁₅	19.3	704
2000 GE ₁₈₄	2000 04 05.32854	13 06 31.18	-06 43 01.9	2000 FE ₆₈	19.7	704	2000 GW ₁₈₄	2000 04 03.26010	10 35 35.85	+12 00 22.9	2000 FM ₁₅	19.3	704
2000 GE ₁₈₄	2000 04 05.34298	13 06 30.30	-06 42 59.9	2000 FE ₆₈	20.3	704	2000 GW ₁₈₄	2000 04 03.27450	10 35 35.44	+12 00 23.5	2000 FM ₁₅	19.1	704
2000 GF ₁₈₄	* 2000 04 05.32842	12 56 33.39	-04 36 37.5	2000 FM ₅₃	21.3 V	691	2000 GW ₁₈₄	2000 04 03.28888	10 35 34.99	+12 00 24.8	2000 FM ₁₅	19.6	704
2000 GF ₁₈₄	2000 04 05.34941	12 56 32.22	-04 36 33.5	2000 FM ₅₃	21.6 V	691	2000 GX ₁₈₄ *	2000 04 05.37823	13 03 35.16	-06 52 11.3	2000 FP ₆₇	21.0 V	691
2000 GF ₁₈₄	2000 04 05.37088	12 56 31.05	-04 36 29.2	2000 FM ₅₃	21.4 V	691	2000 GX ₁₈₄	2000 04 05.38212	13 03 34.94	-06 52 09.3	2000 FP ₆₇	20.9 V	691
2000 GG ₁₈₄ *	2000 04 06.24995	12 36 07.03	-04 09 54.8	2000 GK ₁₁₆	21.2 V	691	2000 GX ₁₈₄	2000 04 05.38622	13 03 34.73	-06 52 07.8	2000 FP ₆₇	20.9 V	691
2000 GG ₁₈₄	2000 04 06.27095	12 36 05.95	-04 09 52.4	2000 GK ₁₁₆	21.9 V	691	2000 GY ₁₈₄ *	2000 04 07.99137	11 37 40.02	+07 00 45.0	2000 FG ₅₀	19.5 V	049
2000 GG ₁₈₄	2000 04 06.29210	12 36 04.81	-04 09 49.4	2000 GK ₁₁₆	21.6 V	691	2000 GY ₁₈₄	2000 04 08.00058	11 37 39.66	+07 00 48.7	2000 FG ₅₀	19.6 V	049
2000 GH ₁₈₄ *	2000 04 06.32745	12 43 14.19	-02 55 52.0	2000 GS ₁₄₇	21.9 V	691	2000 GY ₁₈₄	2000 04 08.00965	11 37 39.28	+07 00 50.8	2000 FG ₅₀	19.2 V	049
2000 GH ₁₈₄	2000 04 06.33136	12 43 13.93	-02 55 50.8	2000 GS ₁₄₇	22.3 V	691	2000 GZ ₁₈₄ *	2000 04 04.25230	11 32 30.70	+02 15 21.9	2000 GM ₁₇₈	18.4	704
2000 GH ₁₈₄	2000 04 06.33521	12 43 13.70	-02 55 48.9	2000 GS ₁₄₇	22.3 V	691	2000 GZ ₁₈₄	2000 04 04.26669	11 32 30.17	+02 15 27.0	2000 GM ₁₇₈	18.2	704
2000 GJ ₁₈₄ *	2000 04 07.27500	12 48 47.06	-04 58 03.2	2000 GJ ₁₁₆	21.9 V	691	2000 GZ ₁₈₄	2000 04 04.29549	11 32 29.01	+02 15 37.2	2000 GM ₁₇₈	19.1	704
2000 GJ ₁₈₄	2000 04 07.27890	12 48 46.77	-04 58 02.3	2000 GJ ₁₁₆	22.2 V	691	2000 GA ₁₈₅ *	2000 04 05.15327	11 15 44.56	+03 55 27.9	2000 GT ₁₇₅	18.8	704
2000 GJ ₁₈₄	2000 04 07.28288	12 48 46.58	-04 58 01.5	2000 GJ ₁₁₆	21.6 V	691	2000 GA ₁₈₅	2000 04 05.16780	11 15 43.99	+03 55 32.0	2000 GT ₁₇₅	19.1	704
2000 GK ₁₈₄ *	2000 04 07.90148	11 37 30.57	+04 01 16.0	2000 GF ₁₄₈	20.3	143	2000 GA ₁₈₅	2000 04 05.18234	11 15 43.46	+03 55 35.6	2000 GT ₁₇₅	19.1	704
2000 GK ₁₈₄	2000 04 07.91867	11 37 29.85	+04 01 21.6	2000 GF ₁₄₈	20.4	143	2000 GB ₁₈₅ *	2000 04 05.39280	14 20 12.60	-15 19 55.5	2000 FB ₇₀	20.8 V	691
2000 GL ₁₈₄ *	2000 04 10.19978	11 30 37.43	+01 43 44.9	2000 GD ₁₄₉	22.5 R	1 695	2000 GB ₁₈₅	2000 04 05.41456	14 20 11.59	-15 19 52.3	2000 FB ₇₀	20.6 V	691
2000 GL ₁₈₄	2000 04 10.28300	11 30 34.65	+01 44 10.7	2000 GD ₁₄₉		1 695	2000 GB ₁₈₅	2000 04 05.43629	14 20 10.52	-15 19 49.7	2000 FB ₇₀	20.7 V	691
2000 GM ₁₈₄ *	2000 04 10.47100	15 36 26.77	-07 57 46.6	2000 GD ₁₂₈	21.3 V	691	2000 GC ₁₈₅ *	2000 04 08.31953	12 40 49.72	-02 44 02.3	2000 GR ₁₂₁	20.6 V	691
2000 GM ₁₈₄	2000 04 10.48541	15 36 26.33	-07 57 42.2	2000 GD ₁₂₈	21.1 V	691	2000 GC ₁₈₅	2000 04 08.32600	12 40 49.38	-02 44 00.8	2000 GR ₁₂₁	20.4 V	691
2000 GM ₁₈₄	2000 04 10.49954	15 36 25.91	-07 57 37.3	2000 GD ₁₂₈	21.4 V	691	2000 GC ₁₈₅	2000 04 08.33223	12 40 49.04	-02 43 59.3	2000 GR ₁₂₁	20.5 V	691
2000 GN ₁₈₄ *	2000 04 12.29915	13 11 18.12	-08 01 14.0	2000 GS ₁₅₆	20.5 V	691	2000 GD ₁₈₅ *	2000 04 08.31970	12 41 04.75	-02 44 45.5	2000 GS ₁₂₁	19.9 V	691
2000 GN ₁₈₄	2000 04 12.32009	13 11 16.95	-08 01 06.2	2000 GS ₁₅₆	20.5 V	691	2000 GD ₁₈₅	2000 04 08.32618	12 41 04.39	-02 44 43.8	2000 GS ₁₂₁	19.8 V	691
2000 GN ₁₈₄	2000 04 12.34093	13 11 15.77	-08 00 57.9	2000 GS ₁₅₆	20.6 V	691	2000 GD ₁₈₅	2000 04 08.33240	12 41 04.04	-02 44 42.3	2000 GS ₁₂₁	19.7 V	691
2000 GO ₁₈₄ *	2000 04 13.02498	14 55 53.81	-13 40 06.1	2000 GX ₁₃₂		557	2000 GE ₁₈₅ *	2000 04 03.22997	10 21 17.80	+09 34 59.4	2000 DK ₄₆	19.3	704
2000 GO ₁₈₄	2000 04 13.04575	14 55 52.79	-13 40 00.1	2000 GX ₁₃₂		557	2000 GE ₁₈₅	2000 04 03.24439	10 21 17.50	+09 35 05.0	2000 DK ₄₆	19.7	704
2000 GP ₁₈₄ *	2000 04 13.33451	13 09 11.43	-06 25 17.2	2000 GS ₁₆₀	21.4 V	691	2000 GE ₁₈₅	2000 04 03.25949	10 21 17.28	+09 35 07.5	2000 DK ₄₆	19.4	704
2000 GP ₁₈₄	2000 04 13.35530	13 09 10.22	-06 25 14.0	2000 GS ₁₆₀	21.4 V	691	2000 GE ₁₈₅	2000 04 03.27389	10 21 16.98	+09 35 12.9	2000 DK ₄₆	19.4	704
2000 GP ₁₈₄	2000 04 13.37613	13 09 08.99	-06 25 10.7	2000 GS ₁₆₀	21.9 V	691	2000 HD ₁₀₅ *	2000 04 29.28401	14 12 02.04	-14 18 02.8	2000 HW ₅₅	18.6	704
2000 GQ ₁₈₄ *	2000 04 13.45541	15 30 50.24	-09 20 24.8	2000 GG ₁₄₆	20.3 V	691	2000 HD ₁₀₅	2000 04 29.29619	14 12 01.46	-14 17 58.3	2000 HW ₅₅	18.8	704
2000 GQ ₁₈₄	2000 04 13.45924	15 30 50.13	-09 20 24.4	2000 GG ₁₄₆	20.3 V	691	2000 HD ₁₀₅	2000 04 29.30837	14 12 00.77	-14 17 54.0	2000 HW ₅₅	18.6	704
2000 GQ ₁₈₄	2000 04 13.46308	15 30 49.99	-09 20 24.1	2000 GG ₁₄₆	20.4 V	691	2000 HD ₁₀₅	2000 04 29.32054	14 12 00.09	-14 17 51.5	2000 HW ₅₅	19.0	704
2000 GR ₁₈₄ *	2000 04 05.15841	11 32 35.45	+03 33 03.6	2000 FZ ₆₆	18.6	704	2000 HD ₁₀₅	2000 04 29.33272	14 11 59.50	-14 17 45.4	2000 HW ₅₅	18.5	704
2000 GR ₁₈₄	2000 04 05.17294	11 32 34.84	+03 33 07.5	2000 FZ ₆₆	18.4	704	2000 HE ₁₀₅ *	2000 04 30.21496	13 44 18.03	-07 16 14.1	2000 HW ₁₆	19.5 V	691
2000 GR ₁₈₄	2000 04 05.18748	11 32 34.27	+03 33 10.4	2000 FZ ₆₆	18.4	704	2000 HE ₁₀₅	2000 04 30.23617	13 44 16.89	-07 16 09.8	2000 HW ₁₆	19.5 V	691
2000 GS ₁₈₄ *	2000 04 07.28792	12 57 58.33	-04 25 37.9	2000 GX ₁₂₀	21.4 V	691	2000 HE ₁₀₅	2000 04 30.25747	13 44 15.73	-07 16 05.5	2000 HW ₁₆	19.5 V	691
2000 GS ₁₈₄	2000 04 07.29231	12 57 58.08	-04 25 36.7	2000 GX ₁₂₀	21.0 V	691	2000 HF ₁₀₅ *	2000 04 27.29262	14 18 39.10	-14 17 18.0	2000 GW ₇₂	21.0 V	691
2000 GS ₁₈₄	2000 04 07.29609	12 57 57.86	-04 25 34.5	2000 GX ₁₂₀	21.0 V	691	2000 HF ₁₀₅	2000 04 27.31424	14 18 37.90	-14 17 17.7	2000 GW ₇₂	21.6 V	691
2000 GT ₁₈₄ *	2000 04 08.14110	10 01 05.61	+11 34 17.2	2000 FU ₆₁	20.6 V	691	2000 HF ₁₀₅	2000 04 27.33570	14 18 36.72	-14 17 16.0	2000 GW ₇₂	21.9 V	691
2000 GT ₁₈₄	2000 04 08.16345	10 01 05.32	+11 34 15.5	2000 FU ₆₁	21.4 V	691	2000 JN ₈₇ *	2000 05 06.30602	14 48 07.92	-13 11 23.1	2000 HV ₄₇	19.7	704
2000 GT ₁₈₄	2000 04 08.18596	10 01 04.99	+11 34 13.1	2000 FU ₆₁	20.9 V	691	2000 JN ₈₇	2000 05 06.31839	14 48 07.23	-13 11 21.9	2000 HV ₄₇	19.4	704
2000 GU ₁₈₄ *	2000 04 08.32022	12 41 49.85	-02 50 39.0	2000 GJ ₁₁₉	19.6 V	691	2000 JN ₈₇	2000 05 06.33067	14 48 06.40	-13 11 17.4	2000 HV ₄₇	19.4	704
2000 GU ₁₈₄	2000 04 08.32670	12 41 49.49	-02 50 37.0	2000 GJ ₁₁₉	19.4 V	691	2000 JN ₈₇	2000 05 06.34340	14 48 05.72	-13 11 15.1	2000 HV ₄₇	19.5	704
2000 GU ₁₈₄	2000 04 08.33292	12 41 49.17	-02 50 35.4	2000 GJ ₁₁₉	19.4 V	691	2000 JO ₈₇ *	2000 05 11.27660	14 20 48.50	-14 52 51.4	2000 HH ₉₃	21.3 V	691
2000 GV ₁₈₄ *	2000 04 08.14635	11 47 09.22	+17 10 17.1	2000 EG ₁₇₁	19.4	704	2000 JO ₈₇	2000 05 11.28051	14 20 48.25	-14 52 50.7	2000 HH ₉₃	21.1 V	691

2000 JO ₈₇	2000 05 11.28436	14 20 47.99	-14 52 48.7	2000 HH ₉₃	21.8 V	691	2000 JE ₈₈	2000 05 02.31427	13 20 39.98	-06 39 39.5	2000 HV ₇₂	20.6 V	691
2000 JP ₈₇	* 2000 05 03.33754	14 39 47.75	+09 53 40.0	2000 HR ₃₀	19.2	704	2000 JE ₈₈	2000 05 02.33798	13 20 39.10	-06 39 34.7	2000 HV ₇₂	20.6 V	691
2000 JP ₈₇	2000 05 03.34967	14 39 47.01	+09 53 42.3	2000 HR ₃₀	19.2	704	2000 JF ₈₈	* 2000 05 05.32634	15 34 16.19	-22 07 16.2	2000 JD ₄	19.8 R	684
2000 JP ₈₇	2000 05 03.36180	14 39 46.36	+09 53 43.7	2000 HR ₃₀	19.2	704	2000 JF ₈₈	2000 05 05.33181	15 34 15.89	-22 07 15.7	2000 JD ₄		684
2000 JP ₈₇	2000 05 03.37392	14 39 45.67	+09 53 45.0	2000 HR ₃₀	19.2	704	2000 JG ₈₈	* 2000 05 05.27019	13 45 06.36	-08 30 34.0	2000 HN ₄₂	18.3	704
2000 JP ₈₇	2000 05 03.38604	14 39 45.00	+09 53 46.8	2000 HR ₃₀	18.8	704	2000 JG ₈₈	2000 05 05.28293	13 45 05.86	-08 30 31.4	2000 HN ₄₂	18.9	704
2000 JQ ₈₇	* 2000 05 04.23864	14 28 40.83	-12 29 47.7	2000 HM ₈₂	21.8 V	691	2000 JG ₈₈	2000 05 05.29554	13 45 05.23	-08 30 27.2	2000 HN ₄₂	19.1	704
2000 JQ ₈₇	2000 05 04.24329	14 28 40.54	-12 29 47.1	2000 HM ₈₂	21.5 V	691	2000 JG ₈₈	2000 05 05.30820	13 45 04.44	-08 30 23.4	2000 HN ₄₂	19.7	704
2000 JQ ₈₇	2000 05 04.24917	14 28 40.22	-12 29 46.5	2000 HM ₈₂	21.7 V	691	2000 JG ₈₈	2000 05 05.32066	13 45 04.04	-08 30 21.2	2000 HN ₄₂	18.9	704
2000 JR ₈₇	* 2000 05 05.21374	13 15 32.83	-06 35 32.2	2000 HE ₄₂	19.0	704	2000 JH ₈₈	* 2000 05 07.16311	13 19 33.51	-07 20 15.0	2000 JP ₈₀	17.5	704
2000 JR ₈₇	2000 05 05.22722	13 15 32.17	-06 35 28.5	2000 HE ₄₂	19.3	704	2000 JH ₈₈	2000 05 07.17270	13 19 33.12	-07 20 11.6	2000 JP ₈₀	18.8	704
2000 JR ₈₇	2000 05 05.23982	13 15 31.63	-06 35 24.8	2000 HE ₄₂	19.0	704	2000 JH ₈₈	2000 05 07.18257	13 19 32.78	-07 20 09.3	2000 JP ₈₀	18.3	704
2000 JS ₈₇	* 2000 05 06.31675	14 30 46.50	-13 13 26.0	2000 HS ₄₆	20.1	704	2000 JH ₈₈	2000 05 07.20178	13 19 32.03	-07 20 01.7	2000 JP ₈₀	18.8	704
2000 JS ₈₇	2000 05 06.32904	14 30 45.89	-13 13 20.2	2000 HS ₄₆	19.7	704	2000 JJ ₈₈	* 2000 05 07.27418	14 15 13.77	-12 21 43.8	2000 JN ₈₄	19.4	704
2000 JS ₈₇	2000 05 06.34177	14 30 45.28	-13 13 15.6	2000 HS ₄₆	19.8	704	2000 JJ ₈₈	2000 05 07.28376	14 15 13.34	-12 21 43.9	2000 JN ₈₄	19.2	704
2000 JT ₈₇	* 2000 05 06.35020	15 31 11.27	-17 36 55.5	2000 HG ₅₅	18.8	704	2000 JJ ₈₈	2000 05 07.29350	14 15 12.76	-12 21 43.5	2000 JN ₈₄	19.3	704
2000 JT ₈₇	2000 05 06.36231	15 31 10.36	-17 36 54.9	2000 HG ₅₅	19.0	704	2000 KO ₈₃	* 2000 05 26.23721	16 03 53.89	-18 56 01.1	2000 KT	18.2 R	684
2000 JT ₈₇	2000 05 06.37446	15 31 09.69	-17 36 55.3	2000 HG ₅₅	18.8	704	2000 KO ₈₃	2000 05 26.24160	16 03 53.62	-18 56 00.4	2000 KT		684
2000 JU ₈₇	* 2000 05 07.16421	13 22 12.72	-05 10 00.7	2000 JA ₁₁	19.0	704	2000 KP ₈₃	* 2000 05 26.92099	16 17 39.69	-11 44 15.3	2000 KH ₁	17.6	106
2000 JU ₈₇	2000 05 07.17380	13 22 12.38	-05 09 57.6	2000 JA ₁₁	19.6	704	2000 KP ₈₃	2000 05 26.92450	16 17 39.44	-11 44 15.9	2000 KH ₁	17.5	106
2000 JU ₈₇	2000 05 07.20288	13 22 11.35	-05 09 46.1	2000 JA ₁₁	19.6	704	2000 KP ₈₃	2000 05 26.94544	16 17 38.14	-11 44 13.3	2000 KH ₁	17.7	106
2000 JV ₈₇	* 2000 05 07.35450	15 30 26.95	-17 34 30.5	2000 HN ₉₄	18.7	704	2000 KP ₈₃	2000 05 26.94896	16 17 37.96	-11 44 13.3	2000 KH ₁	17.5	106
2000 JV ₈₇	2000 05 07.36409	15 30 26.37	-17 34 31.1	2000 HN ₉₄	18.7	704	2000 KP ₈₃	2000 05 26.97071	16 17 36.57	-11 44 11.1	2000 KH ₁	17.5	106
2000 JV ₈₇	2000 05 07.37368	15 30 25.82	-17 34 30.1	2000 HN ₉₄	18.6	704	2000 KP ₈₃	2000 05 26.97423	16 17 36.37	-11 44 10.7	2000 KH ₁	17.7	106
2000 JV ₈₇	2000 05 07.38327	15 30 25.23	-17 34 30.5	2000 HN ₉₄	18.6	704	2000 KQ ₈₃	* 2000 05 28.25473	15 37 35.42	-17 42 15.5	2000 JJ ₅₃	19.8	704
2000 JW ₈₇	* 2000 05 07.35744	15 44 19.68	-19 49 19.4	2000 HH ₉₀	18.6	704	2000 KQ ₈₃	2000 05 28.26812	15 37 34.82	-17 42 10.9	2000 JJ ₅₃	19.2	704
2000 JW ₈₇	2000 05 07.36703	15 44 19.16	-19 49 16.4	2000 HH ₉₀	18.9	704	2000 KQ ₈₃	2000 05 28.28151	15 37 34.20	-17 42 07.4	2000 JJ ₅₃	19.9	704
2000 JW ₈₇	2000 05 07.37662	15 44 18.56	-19 49 14.4	2000 HH ₉₀	18.5	704	2000 LB ₃₇	* 2000 06 09.23798	14 24 26.91	-15 22 09.8	2000 KT ₆₇	21.5 V	691
2000 JW ₈₇	2000 05 07.38622	15 44 18.00	-19 49 10.8	2000 HH ₉₀	19.1	704	2000 LB ₃₇	2000 06 09.24596	14 24 26.70	-15 22 08.2	2000 KT ₆₇	21.9 V	691
2000 JW ₈₇	2000 05 07.39581	15 44 17.47	-19 49 08.5	2000 HH ₉₀	18.9	704	2000 LB ₃₇	2000 06 09.25404	14 24 26.58	-15 22 06.8	2000 KT ₆₇	22.0 V	691
2000 JX ₈₇	* 2000 05 09.30559	14 18 46.60	-14 08 17.2	2000 JK ₆₇	21.6 V	691	2000 MX ₆	* 2000 06 26.46410	17 32 21.59	-24 20 27.8	2000 MC ₁	18.4 R	428
2000 JX ₈₇	2000 05 09.30948	14 18 46.38	-14 08 16.2	2000 JK ₆₇	21.7 V	691	2000 MX ₆	2000 06 26.48479	17 32 20.54	-24 20 28.3	2000 MC ₁	18.2 R	428
2000 JX ₈₇	2000 05 09.31351	14 18 46.17	-14 08 15.2	2000 JK ₆₇	21.6 V	691	2000 NH ₂₉	* 2000 07 07.33130	20 40 48.48	-16 46 21.5	2000 NX ₂₈	18.4	704
2000 JY ₈₇	* 2000 05 09.35585	15 29 03.80	-08 04 50.5	2000 JV ₈₅	20.4 V	691	2000 NH ₂₉	2000 07 07.34366	20 40 47.81	-16 46 21.3	2000 NX ₂₈	18.7	704
2000 JY ₈₇	2000 05 09.37922	15 29 02.60	-08 04 40.5	2000 JV ₈₅	20.0 V	691	2000 NH ₂₉	2000 07 07.35606	20 40 47.34	-16 46 22.4	2000 NX ₂₈	19.0	704
2000 JY ₈₇	2000 05 09.40039	15 29 01.50	-08 04 31.5	2000 JV ₈₅	20.5 V	691	2000 NH ₂₉	2000 07 07.36847	20 40 46.78	-16 46 22.7	2000 NX ₂₈	18.7	704
2000 JZ ₈₇	* 2000 05 05.28458	14 00 44.57	-12 02 07.6	2000 HS ₄₂	19.4	704	2000 NJ ₂₉	* 2000 07 10.26245	20 47 42.97	-13 04 35.5	2000 NE ₂₆	19.2 V	691
2000 JZ ₈₇	2000 05 05.29719	14 00 43.84	-12 02 05.0	2000 HS ₄₂	19.0	704	2000 NJ ₂₉	2000 07 10.28400	20 47 42.00	-13 04 41.4	2000 NE ₂₆	19.3 V	691
2000 JZ ₈₇	2000 05 05.30985	14 00 43.13	-12 02 02.5	2000 HS ₄₂	19.0	704	2000 NJ ₂₉	2000 07 10.31885	20 47 40.46	-13 04 50.7	2000 NE ₂₆	19.0 V	691
2000 JA ₈₈	* 2000 05 07.20227	13 01 46.28	-07 52 50.1	2000 HC ₉₂	19.8 V	691	2000 PM ₃₁	* 2000 08 02.31486	21 49 01.29	-12 09 18.1	2000 OG ₂₇	19.3	704
2000 JA ₈₈	2000 05 07.22372	13 01 45.61	-07 52 44.6	2000 HC ₉₂	19.8 V	691	2000 PM ₃₁	2000 08 02.32936	21 49 00.64	-12 09 23.8	2000 OG ₂₇	19.1	704
2000 JA ₈₈	2000 05 07.24512	13 01 44.93	-07 52 38.9	2000 HC ₉₂	20.0 V	691	2000 PM ₃₁	2000 08 02.35794	21 48 59.49	-12 09 33.8	2000 OG ₂₇	18.7	704
2000 JB ₈₈	* 2000 05 10.30417	14 47 26.68	-15 38 51.2	2000 HV ₉₅	18.8	704	2000 PN ₃₁	* 2000 08 01.31133	21 02 21.36	-18 34 35.0	2000 OB ₁₇	18.6	704
2000 JB ₈₈	2000 05 10.31559	14 47 25.96	-15 38 49.4	2000 HV ₉₅	19.1	704	2000 PN ₃₁	2000 08 01.32588	21 02 20.51	-18 34 36.4	2000 OB ₁₇	18.5	704
2000 JB ₈₈	2000 05 10.33841	14 47 24.37	-15 38 46.1	2000 HV ₉₅	18.7	704	2000 PN ₃₁	2000 08 01.34040	21 02 19.63	-18 34 38.5	2000 OB ₁₇	18.5	704
2000 JC ₈₈	* 2000 05 10.30822	15 02 10.29	-14 55 22.8	2000 JH ₄₃	18.4	704	2000 PN ₃₁	2000 08 01.35535	21 02 18.72	-18 34 40.2	2000 OB ₁₇	18.5	704
2000 JC ₈₈	2000 05 10.31963	15 02 09.58	-14 55 18.9	2000 JH ₄₃	18.5	704	2000 PN ₃₁	2000 08 01.36990	21 02 17.86	-18 34 40.3	2000 OB ₁₇	19.1	704
2000 JC ₈₈	2000 05 10.33104	15 02 08.97	-14 55 18.3	2000 JH ₄₃	18.7	704	2000 PO ₃₁	* 2000 08 07.45389	22 30 10.52	-08 08 28.1	2000 PB ₂₄	19.7	608
2000 JD ₈₈	* 2000 05 10.35019	15 30 49.51	-17 18 50.9	2000 JE ₄₆	17.9	704	2000 PO ₃₁	2000 08 07.46494	22 30 10.11	-08 08 32.0	2000 PB ₂₄	19.6	608
2000 JD ₈₈	2000 05 10.37304	15 30 48.32	-17 18 43.8	2000 JE ₄₆	18.3	704	2000 PO ₃₁	2000 08 07.47593	22 30 09.67	-08 08 36.4	2000 PB ₂₄	19.5	608
2000 JD ₈₈	2000 05 10.38446	15 30 47.71	-17 18 41.9	2000 JE ₄₆	18.3	704	2000 PP ₃₁	* 2000 08 01.33199	22 07 37.32	-18 10 09.7	2000 OO ₁₈	19.0	704
2000 JD ₈₈	2000 05 10.39590	15 30 47.16	-17 18 40.4	2000 JE ₄₆	18.1	704	2000 PP ₃₁	2000 08 01.34651	22 07 36.91	-18 10 15.5	2000 OO ₁₈	19.0	704
2000 JE ₈₈	* 2000 05 02.29228	13 20 40.83	-06 39 44.1	2000 HV ₇₂	20.5 V	691	2000 PP ₃₁	2000 08 01.36146	22 07 36.20	-18 10 21.8	2000 OO ₁₈	18.6	704

2000 PP ₃₁	2000 08 01.37602	22 07 35.56	-18 10 27.6	2000 OO ₁₈	19.3	704	2000 RR ₁₀₅	2000 09 03.30924	00 06 36.01	+07 16 14.7	2000 RW ₂₇	18.4	704
2000 PQ ₃₁	* 2000 08 05.53236	00 41 26.78	+16 27 09.1	2000 RR ₁₀₂	20.2	608	2000 RR ₁₀₅	2000 09 03.32243	00 06 35.46	+07 16 13.5	2000 RW ₂₇	18.7	704
2000 PQ ₃₁	2000 08 05.54258	00 41 27.07	+16 27 15.3	2000 RR ₁₀₂	19.6	608	2000 RS ₁₀₅	* 2000 09 02.20333	21 29 20.72	-19 03 40.7	2000 QK ₁₃₃	18.9	704
2000 PQ ₃₁	2000 08 05.55328	00 41 27.43	+16 27 21.8	2000 RR ₁₀₂	19.8	608	2000 RS ₁₀₅	2000 09 02.21673	21 29 20.16	-19 03 39.7	2000 QK ₁₃₃	19.6	704
2000 PR ₃₁	* 2000 08 05.55600	02 01 24.59	+03 31 11.2	2000 TU ₁₂	20.0	608	2000 RS ₁₀₅	2000 09 02.23001	21 29 19.51	-19 03 39.0	2000 QK ₁₃₃	19.4	704
2000 PR ₃₁	2000 08 05.56664	02 01 25.34	+03 31 13.0	2000 TU ₁₂	20.2	608	2000 RT ₁₀₅	* 2000 09 05.28260	23 23 48.69	-08 13 05.8	2000 QC ₁₈₀	18.5	704
2000 PR ₃₁	2000 08 05.57729	02 01 26.08	+03 31 15.2	2000 TU ₁₂	20.0	608	2000 RT ₁₀₅	2000 09 05.29597	23 23 47.72	-08 13 04.0	2000 QC ₁₈₀	18.3	704
2000 PS ₃₁	* 2000 08 07.38715	21 59 29.57	-17 26 14.8	2000 NJ ₁₇	19.5	608	2000 RT ₁₀₅	2000 09 05.30934	23 23 46.71	-08 13 02.2	2000 QC ₁₈₀	18.6	704
2000 PS ₃₁	2000 08 07.39776	21 59 28.94	-17 26 15.8	2000 NJ ₁₇	19.5	608	2000 RT ₁₀₅	2000 09 05.32270	23 23 45.71	-08 12 59.6	2000 QC ₁₈₀	19.1	704
2000 PS ₃₁	2000 08 07.40903	21 59 28.28	-17 26 16.8	2000 NJ ₁₇	19.7	608	2000 RU ₁₀₅	* 2000 09 04.31125	22 49 36.97	-17 03 43.3	2000 QU ₁₉₂	16.9	704
2000 PT ₃₁	* 2000 08 07.38663	22 00 15.70	-17 58 22.4	2000 PR ₂₁	19.1	608	2000 RU ₁₀₅	2000 09 04.32482	22 49 36.27	-17 03 48.2	2000 QU ₁₉₂	17.7	704
2000 PT ₃₁	2000 08 07.39724	22 00 15.16	-17 58 25.4	2000 PR ₂₁	19.2	608	2000 RU ₁₀₅	2000 09 04.33836	22 49 35.57	-17 03 53.3	2000 QU ₁₉₂	17.6	704
2000 PT ₃₁	2000 08 07.40850	22 00 14.54	-17 58 28.8	2000 PR ₂₁	19.3	608	2000 RU ₁₀₅	2000 09 04.35180	22 49 34.88	-17 03 58.3	2000 QU ₁₉₂	17.5	704
2000 PU ₃₁	* 2000 08 07.35686	21 02 18.70	-14 54 47.5	2000 PW ₁₆	19.6	608	2000 RU ₁₀₅	2000 09 04.36533	22 49 34.21	-17 04 03.4	2000 QU ₁₉₂	18.1	704
2000 PU ₃₁	2000 08 07.36819	21 02 18.06	-14 54 51.0	2000 PW ₁₆	20.2	608	2000 SL ₃₅₃	* 2000 09 24.30022	00 18 59.17	+02 42 25.0	2000 SQ ₁₈₄	19.1 V	691
2000 PU ₃₁	2000 08 07.37894	21 02 17.49	-14 54 53.9	2000 PW ₁₆	19.7	608	2000 SL ₃₅₃	2000 09 24.32128	00 18 58.00	+02 42 19.1	2000 SQ ₁₈₄	19.5 V	691
2000 QT ₂₄₉	* 2000 08 31.31109	00 06 45.37	+04 08 39.8	2000 QM ₁₁₄	19.2	704	2000 SL ₃₅₃	2000 09 24.34213	00 18 56.84	+02 42 13.4	2000 SQ ₁₈₄	19.3 V	691
2000 QT ₂₄₉	2000 08 31.32428	00 06 44.87	+04 08 35.9	2000 QM ₁₁₄	19.1	704	2000 SM ₃₅₃	* 2000 09 24.34850	00 17 19.16	+03 36 49.1	2000 SS ₁₈₄	19.6	704
2000 QT ₂₄₉	2000 08 31.33747	00 06 44.38	+04 08 32.5	2000 QM ₁₁₄	19.4	704	2000 SM ₃₅₃	2000 09 24.36374	00 17 18.51	+03 36 41.9	2000 SS ₁₈₄	19.6	704
2000 QU ₂₄₉	* 2000 08 31.31210	00 20 59.93	+04 04 18.4	2000 QL ₂₂₄	19.0	704	2000 SM ₃₅₃	2000 09 24.37870	00 17 17.81	+03 36 37.0	2000 SS ₁₈₄	20.0	704
2000 QU ₂₄₉	2000 08 31.32529	00 20 59.35	+04 04 17.5	2000 QL ₂₂₄	19.0	704	2000 SN ₃₅₃	* 2000 09 24.36284	00 18 36.73	+03 25 39.1	2000 SU ₁₈₄	22.1 V	691
2000 QU ₂₄₉	2000 08 31.33848	00 20 58.88	+04 04 18.5	2000 QL ₂₂₄	19.6	704	2000 SN ₃₅₃	2000 09 24.38361	00 18 35.71	+03 25 33.2	2000 SU ₁₈₄	21.5 V	691
2000 QU ₂₄₉	2000 08 31.35161	00 20 58.44	+04 04 16.5	2000 QL ₂₂₄	19.5	704	2000 SN ₃₅₃	2000 09 24.40455	00 18 34.74	+03 25 26.2	2000 SU ₁₈₄	21.4 V	691
2000 QU ₂₄₉	2000 08 31.36479	00 20 57.91	+04 04 17.7	2000 QL ₂₂₄	19.6	704	2000 SO ₃₅₃	* 2000 09 26.27926	00 32 13.14	+03 22 42.8	2000 SY ₆₄	19.8	704
2000 QV ₂₄₉	* 2000 08 31.32426	23 19 05.06	-04 00 34.7	2000 QC ₁₁₆	18.4	704	2000 SO ₃₅₃	2000 09 26.31130	00 32 11.24	+03 22 34.5	2000 SY ₆₄	19.6	704
2000 QV ₂₄₉	2000 08 31.33862	23 19 04.57	-04 00 39.7	2000 QC ₁₁₆	18.8	704	2000 SO ₃₅₃	2000 09 26.32618	00 32 10.36	+03 22 30.9	2000 SY ₆₄	19.3	704
2000 QV ₂₄₉	2000 08 31.35312	23 19 04.02	-04 00 44.0	2000 QC ₁₁₆	18.8	704	2000 SP ₃₅₃	* 2000 09 26.33692	02 14 32.92	+02 23 12.2	2000 SJ ₈₆	18.6	704
2000 QV ₂₄₉	2000 08 31.36773	23 19 03.48	-04 00 47.6	2000 QC ₁₁₆	18.9	704	2000 SP ₃₅₃	2000 09 26.35156	02 14 32.43	+02 23 07.5	2000 SJ ₈₆	18.8	704
2000 QV ₂₄₉	2000 08 31.38083	23 19 03.02	-04 00 52.1	2000 QC ₁₁₆	18.7	704	2000 SP ₃₅₃	2000 09 26.36641	02 14 32.11	+02 23 00.2	2000 SJ ₈₆	19.4	704
2000 QW ₂₄₉	* 2000 08 31.32510	00 21 26.40	+01 40 11.2	2000 QY ₁₁₄	19.3	704	2000 SP ₃₅₃	2000 09 26.38088	02 14 31.62	+02 22 55.8	2000 SJ ₈₆	18.7	704
2000 QW ₂₄₉	2000 08 31.35142	00 21 25.50	+01 40 04.5	2000 QY ₁₁₄	19.4	704	2000 SP ₃₅₃	2000 09 26.39558	02 14 31.06	+02 22 49.2	2000 SJ ₈₆	19.7	704
2000 QW ₂₄₉	2000 08 31.36459	00 21 25.06	+01 40 00.8	2000 QY ₁₁₄	19.6	704	2000 SQ ₃₅₃	* 2000 09 28.34082	02 02 46.66	+05 55 48.6	2000 SK ₁₅₇	18.9	704
2000 QX ₂₄₉	* 2000 08 26.22032	20 17 25.12	-17 35 33.8	2000 QT ₁₃	17.5	704	2000 SQ ₃₅₃	2000 09 28.35662	02 02 45.99	+05 55 47.2	2000 SK ₁₅₇	19.0	704
2000 QX ₂₄₉	2000 08 26.23378	20 17 24.76	-17 35 38.6	2000 QT ₁₃	17.6	704	2000 SQ ₃₅₃	2000 09 28.37226	02 02 45.34	+05 55 45.3	2000 SK ₁₅₇	18.6	704
2000 QX ₂₄₉	2000 08 26.24739	20 17 24.44	-17 35 43.0	2000 QT ₁₃	17.3	704	2000 SQ ₃₅₃	2000 09 28.38790	02 02 44.78	+05 55 43.7	2000 SK ₁₅₇	19.0	704
2000 QX ₂₄₉	2000 08 26.26078	20 17 24.01	-17 35 48.4	2000 QT ₁₃	17.7	704	2000 SR ₃₅₃	* 2000 09 24.29988	00 18 29.73	+02 41 11.0	2000 SP ₁₈₄	19.4 V	691
2000 QY ₂₄₉	* 2000 08 23.96840	23 59 46.09	-02 02 48.9	2000 QY ₆₈	r 615	704	2000 SR ₃₅₃	2000 09 24.32094	00 18 28.34	+02 41 06.3	2000 SP ₁₈₄	19.6 V	691
2000 QY ₂₄₉	2000 08 23.97059	23 59 46.01	-02 02 48.2	2000 QY ₆₈	r 615	704	2000 SR ₃₅₃	2000 09 24.34178	00 18 26.98	+02 41 01.1	2000 SP ₁₈₄	19.6 V	691
2000 QY ₂₄₉	2000 08 23.97946	23 59 45.43	-02 02 47.3	2000 QY ₆₈	19.0 V	615	2000 SS ₃₅₃	* 2000 09 25.25820	23 56 43.66	-01 58 46.1	2000 SV ₄₀	18.9	704
2000 QZ ₂₄₉	* 2000 08 26.26915	21 20 43.75	-22 04 22.4	2000 NN ₁₈	18.8	704	2000 SS ₃₅₃	2000 09 25.27292	23 56 42.75	-01 58 47.1	2000 SV ₄₀	18.9	704
2000 QZ ₂₄₉	2000 08 26.28261	21 20 43.11	-22 04 26.4	2000 NN ₁₈	18.6	704	2000 SS ₃₅₃	2000 09 25.28762	23 56 41.85	-01 58 47.9	2000 SV ₄₀	19.6	704
2000 QZ ₂₄₉	2000 08 26.29607	21 20 42.50	-22 04 29.5	2000 NN ₁₈	18.7	704	2000 SS ₃₅₃	2000 09 25.30233	23 56 41.17	-01 58 48.7	2000 SV ₄₀	19.0	704
2000 QZ ₂₄₉	2000 08 26.30950	21 20 41.77	-22 04 31.8	2000 NN ₁₈	19.0	704	2000 SS ₃₅₃	2000 09 25.31705	23 56 40.24	-01 58 49.4	2000 SV ₄₀	19.2	704
2000 QZ ₂₄₉	2000 08 26.32295	21 20 41.15	-22 04 36.4	2000 NN ₁₈	19.1	704	2000 ST ₃₅₃	* 2000 09 25.26058	23 22 28.59	+01 19 54.6	2000 SD ₂₇	19.0	704
2000 RP ₁₀₅	* 2000 09 01.90766	21 56 24.16	+00 16 38.7	2000 QL ₁₂₉	18.7	120	2000 ST ₃₅₃	2000 09 25.27529	23 22 27.85	+01 19 48.6	2000 SD ₂₇	19.9	704
2000 RP ₁₀₅	2000 09 01.92296	21 56 23.53	+00 16 33.1	2000 QL ₁₂₉	120	120	2000 ST ₃₅₃	2000 09 25.28999	23 22 27.09	+01 19 41.8	2000 SD ₂₇	19.4	704
2000 RQ ₁₀₅	* 2000 09 03.19835	21 13 51.69	-08 12 22.1	2000 QJ ₁₅₃	18.4	704	2000 ST ₃₅₃	2000 09 25.30470	23 22 26.38	+01 19 34.6	2000 SD ₂₇	19.4	704
2000 RQ ₁₀₅	2000 09 03.21196	21 13 51.11	-08 12 27.5	2000 QJ ₁₅₃	18.7	704	2000 SU ₃₅₃	* 2000 09 27.27536	01 26 31.86	+08 37 57.7	2000 SO ₁₁₀	19.1	704
2000 RQ ₁₀₅	2000 09 03.22562	21 13 50.57	-08 12 32.8	2000 QJ ₁₅₃	19.1	704	2000 SU ₃₅₃	2000 09 27.29043	01 26 31.05	+08 37 57.0	2000 SO ₁₁₀	19.6	704
2000 RQ ₁₀₅	2000 09 03.23924	21 13 49.99	-08 12 37.6	2000 QJ ₁₅₃	19.2	704	2000 SU ₃₅₃	2000 09 27.30552	01 26 30.19	+08 37 55.2	2000 SO ₁₁₀	19.8	704
2000 RQ ₁₀₅	2000 09 03.25287	21 13 49.58	-08 12 42.8	2000 QJ ₁₅₃	19.1	704	2000 SU ₃₅₃	2000 09 27.32060	01 26 29.29	+08 37 55.6	2000 SO ₁₁₀	19.2	704
2000 RR ₁₀₅	* 2000 09 03.28250	00 06 37.14	+07 16 19.2	2000 RW ₂₇	18.9	704	2000 SV ₃₅₃	* 2000 09 28.26598	23 29 45.75	+12 39 10.4	2000 SU ₁₃₄	19.1	704
2000 RR ₁₀₅	2000 09 03.29573	00 06 36.72	+07 16 16.9	2000 RW ₂₇	18.9	704	2000 SV ₃₅₃	2000 09 28.28104	23 29 45.06	+12 39 06.9	2000 SU ₁₃₄	19.8	704

2000 SV ₃₅₃	2000 09 28.31116	23 29 43.65	+12 39 00.4	2000 SU ₁₃₄	19.6	704	2000 TV ₆₈	2000 10 05.34285	01 35 03.23	-13 53 07.7	2000 PS ₇	18.6	704
2000 SV ₃₅₃	2000 09 28.32620	23 29 42.96	+12 38 54.8	2000 SU ₁₃₄	19.7	704	2000 TV ₆₈	2000 10 05.35804	01 35 02.39	-13 53 14.2	2000 PS ₇	18.9	704
2000 SW ₃₅₃	* 2000 09 19.43306	23 50 46.84	-17 49 52.6	2000 PM ₁₁	16.7	608	2000 TV ₆₈	2000 10 05.37329	01 35 01.77	-13 53 20.5	2000 PS ₇	18.8	704
2000 SW ₃₅₃	2000 09 19.44373	23 50 46.21	-17 49 55.4	2000 PM ₁₁	16.9	608	2000 TW ₆₈	* 2000 10 01.19576	00 29 55.09	+04 02 15.0	2000 SS ₂₃₉	18.3	704
2000 SW ₃₅₃	2000 09 19.45457	23 50 45.55	-17 49 57.8	2000 PM ₁₁	17.0	608	2000 TW ₆₈	2000 10 01.21084	00 29 54.22	+04 02 10.6	2000 SS ₂₃₉	18.2	704
2000 SX ₃₅₃	* 2000 09 21.22415	22 20 11.14	-07 38 12.1	2000 QH ₁₁₅	19.2	704	2000 TW ₆₈	2000 10 01.22592	00 29 53.43	+04 02 05.6	2000 SS ₂₃₉	18.4	704
2000 SX ₃₅₃	2000 09 21.23883	22 20 10.54	-07 38 19.9	2000 QH ₁₁₅	19.4	704	2000 TW ₆₈	2000 10 01.24102	00 29 52.59	+04 02 01.3	2000 SS ₂₃₉	19.0	704
2000 SX ₃₅₃	2000 09 21.25367	22 20 10.05	-07 38 27.3	2000 QH ₁₁₅	19.3	704	2000 TX ₆₈	* 2000 10 01.19576	00 30 24.45	+03 46 02.9	2000 ST ₂₃₉	18.6	704
2000 SY ₃₅₃	* 2000 09 24.18880	22 40 51.81	-14 02 46.8	2000 QS ₁₉₈	18.9	704	2000 TX ₆₈	2000 10 01.21084	00 30 23.66	+03 45 58.5	2000 ST ₂₃₉	18.4	704
2000 SY ₃₅₃	2000 09 24.20485	22 40 51.20	-14 02 51.3	2000 QS ₁₉₈	18.5	704	2000 TX ₆₈	2000 10 01.22592	00 30 22.78	+03 45 53.1	2000 ST ₂₃₉	18.8	704
2000 SY ₃₅₃	2000 09 24.22002	22 40 50.60	-14 02 54.6	2000 QS ₁₉₈	19.1	704	2000 TY ₆₈	* 2000 10 01.25318	01 13 56.27	+07 47 56.0	2000 SE ₃₂₃	19.5	704
2000 SY ₃₅₃	2000 09 24.23601	22 40 49.99	-14 02 58.5	2000 QS ₁₉₈	19.1	704	2000 TY ₆₈	2000 10 01.28340	01 13 54.93	+07 47 48.5	2000 SE ₃₂₃	19.9	704
2000 SY ₃₅₃	2000 09 24.25226	22 40 49.35	-14 03 01.8	2000 QS ₁₉₈	18.8	704	2000 TY ₆₈	2000 10 01.30888	01 13 53.79	+07 47 42.2	2000 SE ₃₂₃	20.2	704
2000 SZ ₃₅₃	* 2000 09 24.33313	00 15 10.82	-01 13 24.3	2000 QX ₂₂₇	18.4	704	2000 TY ₆₈	2000 10 01.32479	01 13 53.06	+07 47 37.5	2000 SE ₃₂₃	19.9	704
2000 SZ ₃₅₃	2000 09 24.34802	00 15 09.99	-01 13 30.6	2000 QX ₂₂₇	18.4	704	2000 TZ ₆₈	* 2000 10 01.27697	00 21 31.20	-09 29 57.9	2000 SQ ₂₃₃	19.0	704
2000 SZ ₃₅₃	2000 09 24.36326	00 15 09.10	-01 13 38.1	2000 QX ₂₂₇	19.8	704	2000 TZ ₆₈	2000 10 01.29204	00 21 30.45	-09 29 59.7	2000 SQ ₂₃₃	19.2	704
2000 SZ ₃₅₃	2000 09 24.37821	00 15 08.32	-01 13 44.6	2000 QX ₂₂₇	18.5	704	2000 TZ ₆₈	2000 10 01.30667	00 21 29.68	-09 30 01.9	2000 SQ ₂₃₃	18.7	704
2000 SZ ₃₅₃	2000 09 24.39321	00 15 07.55	-01 13 52.3	2000 QX ₂₂₇	18.7	704	2000 TA ₆₉	* 2000 10 01.33554	01 54 06.15	+13 22 12.1	2000 SE ₂₂₉	20.3	704
2000 SA ₃₅₄	* 2000 09 24.34404	00 03 43.84	+11 52 07.9	2000 RL ₈₃	19.0	704	2000 TA ₆₉	2000 10 01.35061	01 54 05.54	+13 22 08.8	2000 SE ₂₂₉	20.1	704
2000 SA ₃₅₄	2000 09 24.35924	00 03 42.83	+11 52 03.9	2000 RL ₈₃	18.7	704	2000 TA ₆₉	2000 10 01.36569	01 54 04.98	+13 22 07.9	2000 SE ₂₂₉	19.9	704
2000 SA ₃₅₄	2000 09 24.37585	00 03 41.81	+11 52 01.0	2000 RL ₈₃	18.7	704	2000 TA ₆₉	2000 10 01.38077	01 54 04.37	+13 22 05.7	2000 SE ₂₂₉	19.9	704
2000 SA ₃₅₄	2000 09 24.39096	00 03 40.88	+11 51 57.6	2000 RL ₈₃	19.3	704	2000 TA ₆₉	2000 10 01.39586	01 54 03.70	+13 22 03.0	2000 SE ₂₂₉	20.2	704
2000 SB ₃₅₄	* 2000 09 24.34579	23 57 10.50	-01 31 18.4	2000 QK ₂₀₆	19.4	704	2000 TB ₆₉	* 2000 10 02.29929	23 59 40.86	+02 48 57.2	2000 SK ₂₆₃	19.2	704
2000 SB ₃₅₄	2000 09 24.36101	23 57 09.83	-01 31 23.8	2000 QK ₂₀₆	19.2	704	2000 TB ₆₉	2000 10 02.31487	23 59 40.07	+02 48 50.4	2000 SK ₂₆₃	19.6	704
2000 SB ₃₅₄	2000 09 24.37599	23 57 09.14	-01 31 28.5	2000 QK ₂₀₆	19.6	704	2000 TB ₆₉	2000 10 02.33103	23 59 39.18	+02 48 43.7	2000 SK ₂₆₃	19.5	704
2000 SB ₃₅₄	2000 09 24.39098	23 57 08.41	-01 31 34.4	2000 QK ₂₀₆	19.4	704	2000 TB ₆₉	2000 10 02.34655	23 59 38.35	+02 48 37.1	2000 SK ₂₆₃	19.4	704
2000 SC ₃₅₄	* 2000 09 26.18543	22 07 12.12	+04 54 04.6	2000 RJ ₃₉	18.7	704	2000 TB ₆₉	2000 10 02.36215	23 59 37.53	+02 48 30.9	2000 SK ₂₆₃	19.9	704
2000 SC ₃₅₄	2000 09 26.20092	22 07 11.60	+04 54 02.1	2000 RJ ₃₉	18.8	704	2000 TC ₆₉	* 2000 10 02.29953	00 01 54.49	+04 05 52.7	2000 SD ₂₆₄	19.1	704
2000 SC ₃₅₄	2000 09 26.21640	22 07 11.09	+04 53 58.1	2000 RJ ₃₉	19.5	704	2000 TC ₆₉	2000 10 02.31511	00 01 53.76	+04 05 47.8	2000 SD ₂₆₄	19.8	704
2000 SC ₃₅₄	2000 09 26.24798	22 07 10.05	+04 53 54.6	2000 RJ ₃₉	19.6	704	2000 TC ₆₉	2000 10 02.33127	00 01 53.08	+04 05 41.8	2000 SD ₂₆₄	20.0	704
2000 SD ₃₅₄	* 2000 09 26.40974	00 44 27.63	-06 34 15.6	2000 QW ₁₀₂	19.7	608	2000 TC ₆₉	2000 10 02.36239	00 01 51.67	+04 05 32.1	2000 SD ₂₆₄	20.2	704
2000 SD ₃₅₄	2000 09 26.42109	00 44 26.94	-06 34 18.9	2000 QW ₁₀₂	20.3	608	2000 TD ₆₉	* 2000 10 02.44319	02 33 11.29	+10 49 30.3	2000 SW ₂₇₃	19.5	704
2000 SD ₃₅₄	2000 09 26.43180	00 44 26.32	-06 34 21.9	2000 QW ₁₀₂	19.6	608	2000 TD ₆₉	2000 10 02.45787	02 33 10.83	+10 49 25.9	2000 SW ₂₇₃	19.7	704
2000 SE ₃₅₄	* 2000 09 26.88265	00 20 34.45	-05 59 25.4	2000 QE ₁₄₃	18.3	R 113	2000 TD ₆₉	2000 10 02.47253	02 33 10.36	+10 49 22.8	2000 SW ₂₇₃	19.8	704
2000 SE ₃₅₄	2000 09 26.90003	00 20 33.19	-05 59 20.9	2000 QE ₁₄₃	18.2	R 113	2000 TE ₆₉	* 2000 10 03.36321	01 14 14.89	+12 07 20.7	2000 SH ₂₈₅	19.4	704
2000 SF ₃₅₄	* 2000 09 25.45937	00 52 34.48	+05 52 26.7	2000 SU ₁₈₅	19.3	608	2000 TE ₆₉	2000 10 03.37816	01 14 14.14	+12 07 18.8	2000 SH ₂₈₅	19.8	704
2000 SF ₃₅₄	2000 09 25.47008	00 52 33.82	+05 52 22.7	2000 SU ₁₈₅	19.3	608	2000 TE ₆₉	2000 10 03.40813	01 14 12.48	+12 07 12.6	2000 SH ₂₈₅	19.8	704
2000 SF ₃₅₄	2000 09 25.48053	00 52 33.16	+05 52 19.7	2000 SU ₁₈₅	19.0	608	2000 TF ₆₉	* 2000 10 04.25506	23 47 41.02	+19 57 36.8	2000 SR ₃₁₇	19.0	704
2000 SG ₃₅₄	* 2000 09 25.45937	00 52 43.03	+05 55 30.4	2000 ST ₁₈₅	18.1	608	2000 TF ₆₉	2000 10 04.26655	23 47 40.36	+19 57 32.7	2000 SR ₃₁₇	19.0	704
2000 SG ₃₅₄	2000 09 25.47008	00 52 42.47	+05 55 28.1	2000 ST ₁₈₅	18.0	608	2000 TF ₆₉	2000 10 04.27012	23 47 40.25	+19 57 30.9	2000 SR ₃₁₇	20.0	704
2000 SG ₃₅₄	2000 09 25.48053	00 52 41.92	+05 55 26.0	2000 ST ₁₈₅	18.1	608	2000 TF ₆₉	2000 10 04.28160	23 47 39.62	+19 57 27.3	2000 SR ₃₁₇	19.2	704
2000 SH ₃₅₄	* 2000 09 26.27012	23 09 59.09	+02 32 27.9	2000 RL ₉₆	19.1	704	2000 TF ₆₉	2000 10 04.28517	23 47 39.37	+19 57 26.2	2000 SR ₃₁₇	19.9	704
2000 SH ₃₅₄	2000 09 26.28680	23 09 58.26	+02 32 23.4	2000 RL ₉₆	19.2	704	2000 TF ₆₉	2000 10 04.29666	23 47 38.74	+19 57 22.6	2000 SR ₃₁₇	19.2	704
2000 SH ₃₅₄	2000 09 26.30157	23 09 57.49	+02 32 19.3	2000 RL ₉₆	19.7	704	2000 TF ₆₉	2000 10 04.30023	23 47 38.60	+19 57 20.6	2000 SR ₃₁₇	19.8	704
2000 SJ ₃₅₄	* 2000 09 27.28893	01 06 18.59	+07 44 31.1	2000 SZ ₁₀₄	20.1	704	2000 TF ₆₉	2000 10 04.31173	23 47 37.93	+19 57 16.7	2000 SR ₃₁₇	19.3	704
2000 SJ ₃₅₄	2000 09 27.30402	01 06 17.97	+07 44 23.3	2000 SZ ₁₀₄	19.8	704	2000 TF ₆₉	2000 10 04.31530	23 47 37.73	+19 57 15.4	2000 SR ₃₁₇	19.4	704
2000 SJ ₃₅₄	2000 09 27.31911	01 06 17.30	+07 44 14.0	2000 SZ ₁₀₄	19.7	704	2000 TF ₆₉	2000 10 04.32726	23 47 37.21	+19 57 11.5	2000 SR ₃₁₇	19.0	704
2000 SK ₃₅₄	* 2000 09 27.34426	02 54 46.29	+08 16 16.2	2000 SZ ₁₂₄	19.4	704	2000 TG ₆₉	* 2000 10 04.28898	00 15 16.85	+09 24 33.2	2000 SB ₃₁₂	18.1	704
2000 SK ₃₅₄	2000 09 27.35947	02 54 45.91	+08 16 14.4	2000 SZ ₁₂₄	19.6	704	2000 TG ₆₉	2000 10 04.30414	00 15 16.06	+09 24 26.4	2000 SB ₃₁₂	18.8	704
2000 SK ₃₅₄	2000 09 27.37476	02 54 45.67	+08 16 11.0	2000 SZ ₁₂₄	19.3	704	2000 TG ₆₉	2000 10 04.31908	00 15 15.23	+09 24 18.8	2000 SB ₃₁₂	18.7	704
2000 SK ₃₅₄	2000 09 27.38990	02 54 45.23	+08 16 07.8	2000 SZ ₁₂₄	19.3	704	2000 TH ₆₉	* 2000 10 05.33998	02 52 00.57	-08 45 27.2	2000 SZ ₃₄₇	19.6	704
2000 TV ₆₈	* 2000 10 05.31243	01 35 04.74	-13 52 56.2	2000 PS ₇	17.8	704	2000 TH ₆₉	2000 10 05.35492	02 52 00.07	-08 45 33.0	2000 SZ ₃₄₇	19.4	704
2000 TV ₆₈	2000 10 05.32765	01 35 04.02	-13 53 02.8	2000 PS ₇	18.1	704	2000 TH ₆₉	2000 10 05.37110	02 51 59.44	-08 45 40.4	2000 SZ ₃₄₇	19.7	704

2000 TJ ₆₉	*	2000 10 06.35405	00 38 34.28	-03 50 18.2	2000 TN ₃₁	21.1 V	691	2000 TW ₆₉	2000 10 04.28958	00 55 36.06	+05 15 30.4	2000 TH ₂₆	20.1	704
2000 TJ ₆₉		2000 10 06.35782	00 38 34.12	-03 50 19.7	2000 TN ₃₁	21.4 V	691	2000 TW ₆₉	2000 10 04.30452	00 55 35.22	+05 15 25.0	2000 TH ₂₆	19.9	704
2000 TJ ₆₉		2000 10 06.36163	00 38 33.93	-03 50 21.7	2000 TN ₃₁	21.9 V	691	2000 TW ₆₉	2000 10 04.30464	00 55 35.16	+05 15 24.1	2000 TH ₂₆	19.7	704
2000 TK ₆₉	*	2000 10 06.35407	02 34 08.14	+11 22 46.8	2000 TC ₆₃	19.3 R	684	2000 TW ₆₉	2000 10 04.32006	00 55 34.26	+05 15 17.7	2000 TH ₂₆	20.0	704
2000 TK ₆₉		2000 10 06.35836	02 34 07.96	+11 22 44.7	2000 TC ₆₃		684	2000 TW ₆₉	2000 10 04.32018	00 55 34.28	+05 15 18.6	2000 TH ₂₆	20.0	704
2000 TL ₆₉	*	2000 10 06.35567	01 41 19.10	-03 55 50.6	2000 TV ₅₇	21.6 V	691	2000 TX ₆₉	* 2000 10 05.24979	00 49 21.80	+02 22 01.9	2000 TV ₂₀	19.5	704
2000 TL ₆₉		2000 10 06.35944	00 41 18.94	-03 55 52.2	2000 TV ₅₇	21.5 V	691	2000 TX ₆₉	2000 10 05.28037	00 49 20.05	+02 21 48.7	2000 TV ₂₀	19.1	704
2000 TL ₆₉		2000 10 06.36325	00 41 18.75	-03 55 53.8	2000 TV ₅₇	22.0 V	691	2000 TX ₆₉	2000 10 05.29564	00 49 19.26	+02 21 42.4	2000 TV ₂₀	19.4	704
2000 TM ₆₉	*	2000 10 06.38249	01 55 00.43	+05 10 22.4	2000 TW ₃₀	21.6 V	691	2000 TY ₆₉	* 2000 10 08.05376	02 22 47.73	+03 52 58.5	2000 TA ₃₄	19.1 R	621
2000 TM ₆₉		2000 10 06.38630	01 55 00.23	+05 10 21.1	2000 TW ₃₀	21.7 V	691	2000 TY ₆₉	2000 10 08.05744	02 22 47.53	+03 52 57.7	2000 TA ₃₄	19.1 R	621
2000 TM ₆₉		2000 10 06.39022	01 55 00.06	+05 10 20.1	2000 TW ₃₀	21.7 V	691	2000 TY ₆₉	2000 10 08.06113	02 22 47.40	+03 52 56.4	2000 TA ₃₄	19.1 R	621
2000 TN ₆₉	*	2000 10 07.41353	02 31 14.41	+11 34 42.7	2000 TV ₃₁	22.1 V	691	2000 TZ ₆₉	* 2000 10 01.09296	22 36 04.53	-06 39 06.5	2000 QP ₂₂₈	19.4	704
2000 TN ₆₉		2000 10 07.41759	02 31 14.24	+11 34 41.7	2000 TV ₃₁	21.9 V	691	2000 TZ ₆₉	2000 10 01.12314	22 36 03.52	-06 39 19.9	2000 QP ₂₂₈	20.0	704
2000 TN ₆₉		2000 10 07.42328	02 31 13.95	+11 34 41.0	2000 TV ₃₁	22.0 V	691	2000 TZ ₆₉	2000 10 01.15403	22 36 02.42	-06 39 35.2	2000 QP ₂₂₈	19.8	704
2000 TO ₆₉	*	2000 10 07.41400	02 31 54.81	+11 27 24.4	2000 TW ₃₁	22.0 V	691	2000 TA ₇₀	* 2000 10 01.44284	03 53 46.44	+07 37 31.9	2000 SO ₂₂₆	19.5	704
2000 TO ₆₉		2000 10 07.41806	02 31 54.67	+11 27 23.8	2000 TW ₃₁	21.6 V	691	2000 TA ₇₀	2000 10 01.45788	03 53 46.60	+07 37 28.1	2000 SO ₂₂₆	19.1	704
2000 TO ₆₉		2000 10 07.42375	02 31 54.47	+11 27 22.9	2000 TW ₃₁	21.9 V	691	2000 TB ₇₀	* 2000 10 03.34790	01 14 33.08	+15 04 43.8	2000 SQ ₃₀₀	18.8	704
2000 TP ₆₉	*	2000 10 02.20550	23 03 06.75	-10 43 17.3	2000 ST ₃₂₈	19.3 R	699	2000 TB ₇₀	2000 10 03.36284	01 14 32.26	+15 04 42.1	2000 SQ ₃₀₀	19.1	704
2000 TP ₆₉		2000 10 02.22488	23 03 06.24	-10 43 24.5	2000 ST ₃₂₈		699	2000 TB ₇₀	2000 10 03.37778	01 14 31.33	+15 04 39.9	2000 SQ ₃₀₀	19.4	704
2000 TP ₆₉		2000 10 02.24430	23 03 05.76	-10 43 28.4	2000 ST ₃₂₈		699	2000 TB ₇₀	2000 10 03.39278	01 14 30.47	+15 04 37.3	2000 SQ ₃₀₀	19.6	704
2000 TP ₆₉		2000 10 02.26362	23 03 05.18	-10 43 35.6	2000 ST ₃₂₈		699	2000 TB ₇₀	2000 10 03.40776	01 14 29.58	+15 04 36.6	2000 SQ ₃₀₀	20.0	704
2000 TQ ₆₉	*	2000 10 02.28941	23 15 58.31	-06 48 56.3	2000 SN ₂₄₄	18.6	704	2000 TC ₇₀	* 2000 10 01.25502	01 21 59.79	+07 29 22.8	2000 SP ₂₃₆	19.4	704
2000 TQ ₆₉		2000 10 02.30828	23 15 57.50	-06 49 02.5	2000 SN ₂₄₄	19.3	704	2000 TC ₇₀	2000 10 01.27013	01 21 59.03	+07 29 16.1	2000 SP ₂₃₆	19.5	704
2000 TQ ₆₉		2000 10 02.32380	23 15 56.73	-06 49 07.3	2000 SN ₂₄₄	19.7	704	2000 TC ₇₀	2000 10 01.28524	01 21 58.32	+07 29 09.5	2000 SP ₂₃₆	20.1	704
2000 TQ ₆₉		2000 10 02.33970	23 15 56.06	-06 49 12.4	2000 SN ₂₄₄	19.1	704	2000 TC ₇₀	2000 10 01.31151	01 21 56.99	+07 28 57.6	2000 SP ₂₃₆	19.3	704
2000 TQ ₆₉		2000 10 02.35542	23 15 55.31	-06 49 16.8	2000 SN ₂₄₄	19.0	704	2000 TC ₇₀	2000 10 01.32665	01 21 56.30	+07 28 51.1	2000 SP ₂₃₆	19.2	704
2000 TR ₆₉	*	2000 10 02.29141	23 17 04.64	-11 06 16.0	2000 SE ₃₃₃	19.3	704	2000 TD ₇₀	* 2000 10 01.25649	01 28 20.15	+08 48 23.2	2000 SQ ₂₃₆	19.6	704
2000 TR ₆₉		2000 10 02.30600	23 17 03.95	-11 06 17.0	2000 SE ₃₃₃	19.0	704	2000 TD ₇₀	2000 10 01.27160	01 28 19.46	+08 48 22.8	2000 SQ ₂₃₆	20.5	704
2000 TR ₆₉		2000 10 02.32288	23 17 03.12	-11 06 18.3	2000 SE ₃₃₃	19.8	704	2000 TD ₇₀	2000 10 01.31298	01 28 17.36	+08 48 15.9	2000 SQ ₂₃₆	19.9	704
2000 TS ₆₉	*	2000 10 02.29792	23 52 03.66	+02 35 59.7	2000 SB ₂₄₉	18.9	704	2000 TD ₇₀	2000 10 01.32812	01 28 16.70	+08 48 13.3	2000 SQ ₂₃₆	20.2	704
2000 TS ₆₉		2000 10 02.31350	23 52 02.77	+02 35 56.2	2000 SB ₂₄₉	19.6	704	2000 TE ₇₀	* 2000 10 01.33259	01 42 42.02	+11 16 59.9	2000 SP ₂₀₅	19.6	704
2000 TS ₆₉		2000 10 02.34517	23 52 01.18	+02 35 47.8	2000 SB ₂₄₉	20.1	704	2000 TE ₇₀	2000 10 01.34767	01 42 41.29	+11 16 56.2	2000 SP ₂₀₅	20.5	704
2000 TS ₆₉		2000 10 02.36078	23 52 00.42	+02 35 43.3	2000 SB ₂₄₉	19.6	704	2000 TE ₇₀	2000 10 01.36274	01 42 40.71	+11 16 53.4	2000 SP ₂₀₅	20.0	704
2000 TT ₆₉	*	2000 10 02.38001	02 05 16.69	+14 04 09.5	2000 TN ₁₅	19.5	704	2000 TE ₇₀	2000 10 01.37783	01 42 39.99	+11 16 49.5	2000 SP ₂₀₅	20.4	704
2000 TT ₆₉		2000 10 02.39496	02 05 16.08	+14 04 07.8	2000 TN ₁₅	19.9	704	2000 TE ₇₀	2000 10 01.39291	01 42 39.39	+11 16 45.5	2000 SP ₂₀₅	20.4	704
2000 TT ₆₉		2000 10 02.41044	02 05 15.46	+14 04 05.6	2000 TN ₁₅	20.0	704	2000 TF ₇₀	* 2000 10 03.35012	01 32 34.43	+14 45 46.4	2000 SY ₃₀₁	19.3	704
2000 TT ₆₉		2000 10 02.42536	02 05 14.75	+14 04 03.7	2000 TN ₁₅	18.9	704	2000 TF ₇₀	2000 10 03.36506	01 32 33.64	+14 45 44.6	2000 SY ₃₀₁	19.7	704
2000 TT ₆₉		2000 10 02.44048	02 05 14.16	+14 04 01.1	2000 TN ₁₅	19.3	704	2000 TF ₇₀	2000 10 03.38000	01 32 33.00	+14 45 44.0	2000 SY ₃₀₁	20.2	704
2000 TU ₆₉	*	2000 10 02.41492	02 55 42.41	+07 23 30.5	2000 SP ₂₇₁	18.6	704	2000 TF ₇₀	2000 10 03.39500	01 32 32.05	+14 45 41.3	2000 SY ₃₀₁	20.0	704
2000 TU ₆₉		2000 10 02.42998	02 55 42.01	+07 23 28.3	2000 SP ₂₇₁	19.0	704	2000 TF ₇₀	2000 10 03.40999	01 32 31.30	+14 45 39.5	2000 SY ₃₀₁	20.3	704
2000 TU ₆₉		2000 10 02.44625	02 55 41.47	+07 23 27.1	2000 SP ₂₇₁	19.3	704	2000 TG ₇₀	* 2000 10 01.33993	02 12 08.29	+11 30 59.7	2000 SD ₂₃₇	20.1	704
2000 TU ₆₉		2000 10 02.46192	02 55 41.10	+07 23 23.8	2000 SP ₂₇₁	19.4	704	2000 TG ₇₀	2000 10 01.35501	02 12 07.75	+11 30 58.6	2000 SD ₂₃₇	20.5	704
2000 TU ₆₉		2000 10 02.47694	02 55 40.65	+07 23 21.6	2000 SP ₂₇₁	19.4	704	2000 TG ₇₀	2000 10 01.38518	02 12 06.48	+11 30 57.9	2000 SD ₂₃₇	20.2	704
2000 TV ₆₉	*	2000 10 04.25707	01 10 02.75	+12 38 13.2	2000 TL ₂₈	18.5	704	2000 TH ₇₀	* 2000 10 02.37915	02 02 48.65	+11 21 13.0	2000 TX ₁₅	19.1	704
2000 TV ₆₉		2000 10 04.27212	01 10 01.99	+12 38 07.8	2000 TL ₂₈	18.5	704	2000 TH ₇₀	2000 10 02.39410	02 02 48.04	+11 21 07.7	2000 TX ₁₅	19.7	704
2000 TV ₆₉		2000 10 04.28717	01 10 01.20	+12 38 02.0	2000 TL ₂₈	18.8	704	2000 TH ₇₀	2000 10 02.40957	02 02 47.36	+11 21 01.5	2000 TX ₁₅	19.5	704
2000 TV ₆₉		2000 10 04.30224	01 10 00.46	+12 37 55.2	2000 TL ₂₈	19.1	704	2000 TH ₇₀	2000 10 02.43961	02 02 46.19	+11 20 50.5	2000 TX ₁₅	19.8	704
2000 TV ₆₉		2000 10 04.31731	01 09 59.60	+12 37 50.2	2000 TL ₂₈	18.5	704	2000 TJ ₇₀	* 2000 10 01.33517	01 47 33.05	+12 54 29.3	2000 SY ₂₃₆	19.8	704
2000 TW ₆₉	*	2000 10 04.25935	00 55 37.76	+05 15 41.9	2000 TH ₂₆	19.4	704	2000 TJ ₇₀	2000 10 01.35024	01 47 32.33	+12 54 27.1	2000 SY ₂₃₆	19.9	704
2000 TW ₆₉		2000 10 04.25947	00 55 37.69	+05 15 42.3	2000 TH ₂₆	19.2	704	2000 TJ ₇₀	2000 10 01.36532	01 47 31.55	+12 54 25.0	2000 SY ₂₃₆	20.0	704
2000 TW ₆₉		2000 10 04.27440	00 55 36.88	+05 15 36.3	2000 TH ₂₆	19.5	704	2000 TJ ₇₀	2000 10 01.38041	01 47 30.87	+12 54 23.6	2000 SY ₂₃₆	20.6	704
2000 TW ₆₉		2000 10 04.27452	00 55 36.86	+05 15 36.6	2000 TH ₂₆	19.4	704	2000 TJ ₇₀	2000 10 01.39549	01 47 30.22	+12 54 21.5	2000 SY ₂₃₆	19.9	704
2000 TW ₆₉		2000 10 04.28945	00 55 36.01	+05 15 30.9	2000 TH ₂₆	19.7	704	2000 TK ₇₀	* 2000 10 02.18881	22 37 07.03	-04 00 26.8	2000 SG ₂₄₁	18.9	704

2000 TK ₇₀	2000 10 02.20474	22 37 06.64	-04 00 33.5	2000 SG ₂₄₁	19.8	704	2000 VD ₆₃	2000 11 01.29397	03 22 27.57	+18 12 48.4	2000 UR ₄₃	20.1	704
2000 TK ₇₀	2000 10 02.24687	22 37 05.65	-04 00 48.2	2000 SG ₂₄₁	19.0	704	2000 VD ₆₃	2000 11 01.30784	03 22 26.76	+18 12 44.1	2000 UR ₄₃	19.4	704
2000 TK ₇₀	2000 10 02.26259	22 37 05.19	-04 00 53.6	2000 SG ₂₄₁	19.1	704	2000 VD ₆₃	2000 11 01.32172	03 22 25.98	+18 12 39.6	2000 UR ₄₃	18.9	704
2000 TK ₇₀	2000 10 02.28066	22 37 04.81	-04 01 00.3	2000 SG ₂₄₁	19.4	704	2000 VD ₆₃	2000 11 01.33558	03 22 25.26	+18 12 35.5	2000 UR ₄₃	19.3	704
2000 TL ₇₀	* 2000 10 02.31401	00 00 28.72	-01 25 17.8	2000 SM ₂₇₃	19.6	704	2000 VE ₆₃	* 2000 11 01.29246	03 13 44.13	+13 15 32.1	2000 UD ₅₁	19.5	704
2000 TL ₇₀	* 2000 10 02.33017	00 00 27.79	-01 25 18.7	2000 SM ₂₇₃	19.9	704	2000 VE ₆₃	* 2000 11 01.30633	03 13 43.35	+13 15 29.1	2000 UD ₅₁	20.0	704
2000 TL ₇₀	2000 10 02.34568	00 00 26.89	-01 25 19.0	2000 SM ₂₇₃	19.8	704	2000 VE ₆₃	2000 11 01.32021	03 13 42.68	+13 15 26.3	2000 UD ₅₁	20.2	704
2000 TL ₇₀	2000 10 02.36129	00 00 26.00	-01 25 22.0	2000 SM ₂₇₃	19.8	704	2000 VE ₆₃	2000 11 01.33407	03 13 42.01	+13 15 23.3	2000 UD ₅₁	19.8	704
2000 TM ₇₀	* 2000 10 01.25103	00 15 21.92	-02 02 58.0	2000 SW ₃₃₈	21.1	V 691	2000 VF ₆₃	* 2000 11 02.27766	02 52 37.69	+15 19 33.8	2000 VZ ₁₉	19.2	704
2000 TM ₇₀	2000 10 01.25723	00 15 21.57	-02 02 59.8	2000 SW ₃₃₈	21.0	V 691	2000 VF ₆₃	2000 11 02.29128	02 52 36.82	+15 19 34.6	2000 VZ ₁₉	19.7	704
2000 TM ₇₀	2000 10 01.26348	00 15 21.19	-02 03 01.7	2000 SW ₃₃₈	20.8	V 691	2000 VF ₆₃	2000 11 02.30483	02 52 35.89	+15 19 34.9	2000 VZ ₁₉	19.7	704
2000 TN ₇₀	* 2000 10 01.25130	00 15 45.12	-01 57 51.0	2000 SY ₃₃₈	19.8	V 691	2000 VF ₆₃	2000 11 02.33195	02 52 34.35	+15 19 37.1	2000 VZ ₁₉	19.6	704
2000 TN ₇₀	2000 10 01.25750	00 15 44.76	-01 57 51.7	2000 SY ₃₃₈	19.9	V 691	2000 VG ₆₃	* 2000 11 02.27905	03 09 15.10	+15 57 15.3	2000 UB ₇₇	18.0	704
2000 TN ₇₀	2000 10 01.26375	00 15 44.41	-01 57 52.5	2000 SY ₃₃₈	19.9	V 691	2000 VG ₆₃	2000 11 02.29267	03 09 14.39	+15 57 08.6	2000 UB ₇₇	18.1	704
2000 TO ₇₀	* 2000 10 04.27212	01 13 25.98	+12 04 57.4	2000 SN ₃₁₅	20.1	704	2000 VG ₆₃	2000 11 02.30622	03 09 13.68	+15 57 03.2	2000 UB ₇₇	18.2	704
2000 TO ₇₀	2000 10 04.28717	01 13 25.00	+12 04 55.3	2000 SN ₃₁₅	19.9	704	2000 VG ₆₃	2000 11 02.31977	03 09 12.96	+15 56 56.7	2000 UB ₇₇	18.1	704
2000 TO ₇₀	2000 10 04.30224	01 13 24.20	+12 04 52.3	2000 SN ₃₁₅	19.7	704	2000 VG ₆₃	2000 11 02.33334	03 09 12.31	+15 56 50.5	2000 UB ₇₇	18.2	704
2000 TO ₇₀	2000 10 04.31731	01 13 23.18	+12 04 50.4	2000 SN ₃₁₅	20.0	704	2000 VH ₆₃	* 2000 11 02.31066	03 01 15.65	+08 33 17.2	2000 UC ₈₉	19.4	704
2000 UH ₁₁₃	* 2000 10 18.24220	00 25 51.85	-20 09 40.8	2000 SY ₁₈₁	17.2	704	2000 VH ₆₃	2000 11 02.32528	03 01 15.06	+08 33 11.1	2000 UC ₈₉	19.4	704
2000 UH ₁₁₃	2000 10 18.25628	00 25 51.26	-20 09 41.1	2000 SY ₁₈₁	16.9	704	2000 VH ₆₃	2000 11 02.33948	03 01 14.31	+08 33 06.6	2000 UC ₈₉	19.2	704
2000 UH ₁₁₃	2000 10 18.27170	00 25 50.70	-20 09 39.9	2000 SY ₁₈₁	16.6	704	2000 VH ₆₃	2000 11 02.35391	03 01 13.55	+08 33 00.9	2000 UC ₈₉	19.1	704
2000 UH ₁₁₃	2000 10 18.28624	00 25 50.11	-20 09 39.7	2000 SY ₁₈₁	17.0	704	2000 VJ ₆₃	* 2000 11 03.27809	03 42 21.97	+23 22 20.4	2000 UV ₉₀	18.5	704
2000 UJ ₁₁₃	* 2000 10 31.34876	04 05 09.05	+11 59 30.0	2000 UB ₂₇	18.7	704	2000 VJ ₆₃	2000 11 03.29170	03 42 21.09	+23 22 21.2	2000 UV ₉₀	19.1	704
2000 UJ ₁₁₃	2000 10 31.36280	04 05 08.40	+11 59 23.1	2000 UB ₂₇	19.5	704	2000 VJ ₆₃	2000 11 03.30533	03 42 20.21	+23 22 22.5	2000 UV ₉₀	18.9	704
2000 UJ ₁₁₃	2000 10 31.39160	04 05 07.18	+11 59 13.0	2000 UB ₂₇	19.3	704	2000 VJ ₆₃	2000 11 03.31895	03 42 19.34	+23 22 23.1	2000 UV ₉₀	19.4	704
2000 UJ ₁₁₃	2000 10 31.40606	04 05 06.53	+11 59 06.9	2000 UB ₂₇	19.3	704	2000 VJ ₆₃	2000 11 03.33255	03 42 18.54	+23 22 24.3	2000 UV ₉₀	19.7	704
2000 UK ₁₁₃	* 2000 10 25.21475	00 19 00.37	+08 11 26.5	2000 RU ₉₁	21.6	V 691	2000 VK ₆₃	* 2000 11 03.27821	03 38 18.78	+22 44 47.9	2000 UJ ₉₀	18.8	704
2000 UK ₁₁₃	2000 10 25.23756	00 18 59.51	+08 11 18.1	2000 RU ₉₁	21.8	V 691	2000 VK ₆₃	2000 11 03.29182	03 38 17.95	+22 44 47.0	2000 UJ ₉₀	19.1	704
2000 UK ₁₁₃	2000 10 25.25886	00 18 58.71	+08 11 10.1	2000 RU ₉₁	21.3	V 691	2000 VK ₆₃	2000 11 03.30544	03 38 17.18	+22 44 46.3	2000 UJ ₉₀	19.7	704
2000 UL ₁₁₃	* 2000 10 29.22076	01 06 41.10	-05 28 58.1	2000 SP ₂₁₀	17.4	704	2000 VL ₆₃	* 2000 11 05.32372	03 00 16.58	+12 56 31.9	2000 VZ ₄₈	19.4	704
2000 UL ₁₁₃	2000 10 29.23554	01 06 40.30	-05 28 56.8	2000 SP ₂₁₀	17.7	704	2000 VL ₆₃	2000 11 05.33746	03 00 15.52	+12 56 30.7	2000 VZ ₄₈	19.3	704
2000 UL ₁₁₃	2000 10 29.25074	01 06 39.56	-05 28 55.1	2000 SP ₂₁₀	17.3	704	2000 VL ₆₃	2000 11 05.35128	03 00 14.60	+12 56 29.5	2000 VZ ₄₈	19.0	704
2000 UL ₁₁₃	2000 10 29.26481	01 06 38.74	-05 28 53.8	2000 SP ₂₁₀	17.6	704	2000 VL ₆₃	2000 11 05.36781	03 00 13.44	+12 56 29.8	2000 VZ ₄₈	19.2	704
2000 UL ₁₁₃	2000 10 29.27925	01 06 38.00	-05 28 51.6	2000 SP ₂₁₀	17.5	704	2000 VM ₆₃	* 2000 11 05.45850	03 12 17.98	+16 34 56.7	2000 VQ ₆₂	20.6	V 691
2000 UM ₁₁₃	* 2000 10 31.21873	01 43 40.08	+08 01 27.7	2000 ST ₂₅₈	18.6	704	2000 VM ₆₃	2000 11 05.46505	03 12 17.57	+16 34 56.0	2000 VQ ₆₂	20.1	V 691
2000 UM ₁₁₃	2000 10 31.23272	01 43 39.28	+08 01 25.9	2000 ST ₂₅₈	19.3	704	2000 VM ₆₃	2000 11 05.47169	03 12 17.23	+16 34 54.9	2000 VQ ₆₂	19.8	V 691
2000 UM ₁₁₃	2000 10 31.24671	01 43 38.74	+08 01 22.0	2000 ST ₂₅₈	18.6	704	2000 VN ₆₃	* 2000 11 01.28426	04 08 21.10	+13 03 36.3	2000 UB ₅₅	18.3	704
2000 UM ₁₁₃	2000 10 31.27491	01 43 37.34	+08 01 15.5	2000 ST ₂₅₈	18.8	704	2000 VN ₆₃	2000 11 01.29815	04 08 20.38	+13 03 31.4	2000 UB ₅₅	18.9	704
2000 UN ₁₁₃	* 2000 10 29.26561	01 38 18.13	+01 36 21.9	2000 SJ ₂₆₁	19.1	704	2000 VN ₆₃	2000 11 01.31203	04 08 19.73	+13 03 28.2	2000 UB ₅₅	19.5	704
2000 UN ₁₁₃	2000 10 29.28020	01 38 17.31	+01 36 20.2	2000 SJ ₂₆₁	18.4	704	2000 VN ₆₃	2000 11 01.32589	04 08 19.05	+13 03 25.7	2000 UB ₅₅	19.3	704
2000 UN ₁₁₃	2000 10 29.29502	01 38 16.61	+01 36 17.7	2000 SJ ₂₆₁	19.0	704	2000 VN ₆₃	2000 11 01.33976	04 08 18.47	+13 03 23.5	2000 UB ₅₅	19.1	704
2000 UO ₁₁₃	* 2000 10 25.35807	04 36 59.34	+22 03 22.1	2000 UX ₁₁₂	20.7	V 691	2000 VO ₆₃	* 2000 11 02.28032	03 22 57.80	+15 50 04.1	2000 UW ₇₇	18.5	704
2000 UO ₁₁₃	2000 10 25.40056	04 36 58.05	+22 03 21.4	2000 UX ₁₁₂	20.5	V 691	2000 VO ₆₃	2000 11 02.29394	03 22 57.10	+15 50 03.3	2000 UW ₇₇	19.1	704
2000 UO ₁₁₃	2000 10 25.44015	04 36 56.83	+22 03 20.5	2000 UX ₁₁₂	20.9	V 691	2000 VO ₆₃	2000 11 02.30749	03 22 56.40	+15 50 01.5	2000 UW ₇₇	19.2	704
2000 VB ₆₃	* 2000 11 01.29641	03 55 22.62	+16 42 04.4	2000 UJ ₅₃	19.5	704	2000 VO ₆₃	2000 11 02.32104	03 22 55.75	+15 49 59.6	2000 UW ₇₇	19.9	704
2000 VB ₆₃	2000 11 01.31028	03 55 21.99	+16 42 03.5	2000 UJ ₅₃	19.6	704	2000 VO ₆₃	2000 11 02.33461	03 22 54.98	+15 49 57.6	2000 UW ₇₇	19.6	704
2000 VB ₆₃	2000 11 01.32415	03 55 21.29	+16 42 02.5	2000 UJ ₅₃	19.6	704	2000 VP ₆₃	* 2000 11 03.27752	03 36 03.71	+28 15 24.9	2000 UD ₉₉	18.7	704
2000 VB ₆₃	2000 11 01.33802	03 55 20.59	+16 42 01.4	2000 UJ ₅₃	19.1	704	2000 VP ₆₃	2000 11 03.29113	03 36 02.95	+28 15 25.5	2000 UD ₉₉	19.1	704
2000 VC ₆₃	* 2000 11 01.27101	02 17 43.64	+13 32 04.5	2000 VY ₃	18.8	704	2000 VP ₆₃	2000 11 03.30476	03 36 02.12	+28 15 24.0	2000 UD ₉₉	19.6	704
2000 VC ₆₃	2000 11 02.23184	02 17 21.20	+13 26 44.7	2000 VY ₃	19.8	704	2000 VQ ₆₃	* 2000 11 03.28123	04 14 35.14	+30 31 17.8	2000 UF ₁₀₁	18.5	704
2000 VC ₆₃	2000 11 02.25895	02 17 19.95	+13 26 34.8	2000 VY ₃	20.0	704	2000 VQ ₆₃	2000 11 03.29485	04 14 34.36	+30 31 18.8	2000 UF ₁₀₁	18.7	704
2000 VC ₆₃	2000 11 02.27304	02 17 19.29	+13 26 29.3	2000 VY ₃	19.2	704	2000 VQ ₆₃	2000 11 03.30847	04 14 33.55	+30 31 19.6	2000 UF ₁₀₁	18.9	704
2000 VD ₆₃	* 2000 11 01.28007	03 22 28.34	+18 12 51.7	2000 UR ₄₃	19.1	704	2000 VQ ₆₃	2000 11 03.33569	04 14 31.96	+30 31 20.3	2000 UF ₁₀₁	19.2	704

2000 VR ₆₃	*	2000 11 05.32705	02 56 07.12	+24 26 39.0	2000 VS ₅₁	18.9	704	2000 VE ₆₄	2000 11 02.31757	02 43 05.33	+17 25 58.7	2000 VF ₂₅	18.9	704	
2000 VR ₆₃		2000 11 05.34079	02 56 06.39	+24 26 34.4	2000 VS ₅₁	19.1	704	2000 VE ₆₄	2000 11 02.33114	02 43 04.40	+17 25 56.4	2000 VF ₂₅	19.2	704	
2000 VR ₆₃		2000 11 05.35462	02 56 05.57	+24 26 29.7	2000 VS ₅₁	19.4	704	2000 VF ₆₄	*	2000 11 03.16257	00 41 34.38	+11 56 17.5	2000 UC ₉₁	19.1	704
2000 VR ₆₃		2000 11 05.37114	02 56 04.71	+24 26 24.1	2000 VS ₅₁	19.1	704	2000 VF ₆₄		2000 11 03.17708	00 41 33.78	+11 56 14.7	2000 UC ₉₁	19.3	704
2000 VS ₆₃	*	2000 11 05.38169	04 53 03.55	+25 04 03.1	2000 VT ₅₀	19.0	704	2000 VF ₆₄		2000 11 03.19145	00 41 33.20	+11 56 13.1	2000 UC ₉₁	19.6	704
2000 VS ₆₃		2000 11 05.39582	04 53 02.91	+25 04 05.4	2000 VT ₅₀	19.7	704	2000 VF ₆₄		2000 11 03.20516	00 41 32.72	+11 56 11.6	2000 UC ₉₁	19.1	704
2000 VS ₆₃		2000 11 05.41055	04 53 02.22	+25 04 06.6	2000 VT ₅₀	19.6	704	2000 VG ₆₄	*	2000 11 02.27720	02 45 44.45	+14 10 17.3	2000 VQ ₁₉	18.5	704
2000 VS ₆₃		2000 11 05.43790	04 53 01.15	+25 04 12.5	2000 VT ₅₀	19.5	704	2000 VG ₆₄		2000 11 02.29075	02 45 43.70	+14 10 12.5	2000 VQ ₁₉	18.6	704
2000 VT ₆₃	*	2000 11 01.22167	00 45 59.29	+16 12 44.2	2000 SN ₃₀₄	18.6	704	2000 VG ₆₄		2000 11 02.30437	02 45 42.99	+14 10 09.0	2000 VQ ₁₉	18.1	704
2000 VT ₆₃		2000 11 01.23539	00 45 58.87	+16 12 38.7	2000 SN ₃₀₄	18.8	704	2000 VG ₆₄		2000 11 02.31792	02 45 42.32	+14 10 05.2	2000 VQ ₁₉	18.6	704
2000 VT ₆₃		2000 11 01.24900	00 45 58.28	+16 12 33.4	2000 SN ₃₀₄	18.9	704	2000 VG ₆₄		2000 11 02.33149	02 45 41.53	+14 10 01.4	2000 VQ ₁₉	18.8	704
2000 VT ₆₃		2000 11 01.26261	00 45 57.78	+16 12 28.7	2000 SN ₃₀₄	18.9	704	2000 VH ₆₄	*	2000 11 01.27845	03 03 38.53	+12 12 58.5	2000 UP ₄₀	19.5	704
2000 VU ₆₃	*	2000 11 01.22900	02 00 10.52	+12 16 56.4	2000 TY ₁₇	19.1	704	2000 VH ₆₄		2000 11 01.30622	03 03 36.84	+12 12 55.4	2000 UP ₄₀	19.7	704
2000 VU ₆₃		2000 11 01.24273	02 00 09.84	+12 16 52.4	2000 TY ₁₇	19.4	704	2000 VH ₆₄		2000 11 01.32009	03 03 36.00	+12 12 54.0	2000 UP ₄₀	19.6	704
2000 VU ₆₃		2000 11 01.26996	02 00 08.34	+12 16 44.3	2000 TY ₁₇	19.5	704	2000 VH ₆₄		2000 11 01.33395	03 03 35.03	+12 12 52.7	2000 UP ₄₀	19.8	704
2000 VV ₆₃	*	2000 11 02.23172	02 06 53.56	+15 13 13.1	2000 SS ₃₂₇	19.7	704	2000 WO ₁₉₂	*	2000 11 24.34710	07 48 11.46	+23 49 52.2	2000 WP ₁₃₇	18.2	R 699
2000 VV ₆₃		2000 11 02.25884	02 06 51.78	+15 13 09.9	2000 SS ₃₂₇	19.6	704	2000 WO ₁₉₂		2000 11 24.36578	07 48 11.56	+23 49 50.8	2000 WP ₁₃₇		699
2000 VV ₆₃		2000 11 02.27292	02 06 50.84	+15 13 07.8	2000 SS ₃₂₇	19.9	704	2000 WO ₁₉₂		2000 11 24.38450	07 48 11.72	+23 49 50.6	2000 WP ₁₃₇		699
2000 VW ₆₃	*	2000 11 02.23276	02 18 06.94	+13 46 31.7	2000 SX ₂₇₇	19.3	704	2000 WO ₁₉₂		2000 11 24.40320	07 48 11.88	+23 49 51.1	2000 WP ₁₃₇		699
2000 VW ₆₃		2000 11 02.24633	02 18 06.19	+13 46 26.9	2000 SX ₂₇₇	20.0	704	2000 WP ₁₉₂	*	2000 11 29.30998	05 08 05.57	+22 58 19.4	2000 WY ₉₃	18.5	704
2000 VW ₆₃		2000 11 02.27396	02 18 04.59	+13 46 17.2	2000 SX ₂₇₇	19.5	704	2000 WP ₁₉₂		2000 11 29.32548	05 08 04.59	+22 58 20.3	2000 WY ₉₃	19.4	704
2000 VW ₆₃		2000 11 02.36080	02 17 59.65	+13 45 45.4	2000 SX ₂₇₇	19.7	V 691	2000 WP ₁₉₂		2000 11 29.34200	05 08 03.55	+22 58 22.8	2000 WY ₉₃	19.0	704
2000 VW ₆₃		2000 11 02.38216	02 17 58.42	+13 45 37.6	2000 SX ₂₇₇	19.7	V 691	2000 WP ₁₉₂		2000 11 29.35898	05 08 02.50	+22 58 24.4	2000 WY ₉₃	18.9	704
2000 VW ₆₃		2000 11 02.40584	02 17 57.16	+13 45 28.7	2000 SX ₂₇₇	19.5	V 691	2000 WP ₁₉₂		2000 11 29.37398	05 08 01.62	+22 58 24.1	2000 WY ₉₃	19.2	704
2000 VX ₆₃	*	2000 11 02.35483	02 09 22.51	+13 58 22.8	2000 TT ₁₈	20.3	V 691	2000 WQ ₁₉₂	*	2000 11 30.37006	07 13 37.63	+23 59 11.4	2000 WK ₁₂₃	19.2	704
2000 VX ₆₃		2000 11 02.37619	02 09 21.21	+13 58 16.3	2000 TT ₁₈	20.2	V 691	2000 WQ ₁₉₂		2000 11 30.38490	07 13 37.07	+23 59 13.4	2000 WK ₁₂₃	19.5	704
2000 VX ₆₃		2000 11 02.39987	02 09 19.79	+13 58 08.8	2000 TT ₁₈	20.3	V 691	2000 WQ ₁₉₂		2000 11 30.40018	07 13 36.74	+23 59 14.7	2000 WK ₁₂₃	19.1	704
2000 VY ₆₃	*	2000 11 03.27729	03 31 36.56	+24 39 18.7	2000 WM ₈₃	19.3	704	2000 WQ ₁₉₂		2000 11 30.41668	07 13 36.26	+23 59 16.5	2000 WK ₁₂₃	19.1	704
2000 VY ₆₃		2000 11 03.29089	03 31 35.74	+24 39 17.9	2000 WM ₈₃	19.1	704	2000 WQ ₁₉₂		2000 11 30.43199	07 13 35.90	+23 59 16.6	2000 WK ₁₂₃	19.6	704
2000 VY ₆₃		2000 11 03.30452	03 31 34.90	+24 39 16.3	2000 WM ₈₃	19.8	704	2000 WR ₁₉₂	*	2000 11 21.36217	05 06 41.52	+22 15 10.7	2000 WC ₁₂₈	19.2	704
2000 VZ ₆₃	*	2000 11 01.26933	02 00 01.97	+09 52 26.2	2000 SC ₂₃₁	21.1	V 691	2000 WR ₁₉₂		2000 11 21.37688	05 06 40.70	+22 15 12.0	2000 WC ₁₂₈	20.0	704
2000 VZ ₆₃		2000 11 01.27334	02 00 01.73	+09 52 23.9	2000 SC ₂₃₁	21.3	V 691	2000 WR ₁₉₂		2000 11 21.39158	05 06 39.85	+22 15 12.4	2000 WC ₁₂₈	19.7	704
2000 VZ ₆₃		2000 11 01.27718	02 00 01.58	+09 52 22.4	2000 SC ₂₃₁	21.2	V 691	2000 WR ₁₉₂		2000 11 21.40632	05 06 39.02	+22 15 12.8	2000 WC ₁₂₈	19.5	704
2000 VA ₆₄	*	2000 11 01.29420	03 28 31.05	+17 22 38.8	2000 UP ₅₁	19.8	704	2000 WS ₁₉₂	*	2000 11 23.28563	02 33 58.62	+16 11 18.0	2000 WL ₉	18.9	V 732
2000 VA ₆₄		2000 11 01.30807	03 28 30.41	+17 22 33.1	2000 UP ₅₁	20.0	704	2000 WS ₁₉₂		2000 11 23.29671	02 33 58.27	+16 11 09.6	2000 WL ₉	18.7	V 732
2000 VA ₆₄		2000 11 01.32195	03 28 29.63	+17 22 26.7	2000 UP ₅₁	19.6	704	2000 WT ₁₉₂	*	2000 11 27.26185	03 43 20.13	+14 57 16.1	2000 WT ₄₂	18.4	704
2000 VA ₆₄		2000 11 01.33581	03 28 28.94	+17 22 22.6	2000 UP ₅₁	19.9	704	2000 WT ₁₉₂		2000 11 27.27994	03 43 19.35	+14 57 11.6	2000 WT ₄₂	19.0	704
2000 VB ₆₄	*	2000 11 01.36826	05 07 57.87	+22 40 16.7	2000 UZ ₅₀	19.3	704	2000 WT ₁₉₂		2000 11 27.29819	03 43 18.44	+14 57 06.7	2000 WT ₄₂	19.2	704
2000 VB ₆₄		2000 11 01.38230	05 07 57.40	+22 40 18.9	2000 UZ ₅₀	19.7	704	2000 WT ₁₉₂		2000 11 27.31610	03 43 17.67	+14 57 01.2	2000 WT ₄₂	19.2	704
2000 VB ₆₄		2000 11 01.39628	05 07 56.98	+22 40 20.2	2000 UZ ₅₀	19.8	704	2000 WU ₁₉₂	*	2000 11 29.30536	04 35 32.93	+24 28 21.4	2000 WA ₉₀	19.7	704
2000 VB ₆₄		2000 11 01.41023	05 07 56.58	+22 40 22.5	2000 UZ ₅₀	19.6	704	2000 WU ₁₉₂		2000 11 29.33808	04 35 30.87	+24 28 18.6	2000 WA ₉₀	20.0	704
2000 VC ₆₄	*	2000 11 02.21703	01 59 10.01	+09 09 05.7	2000 US ₇₆	18.2	704	2000 WU ₁₉₂		2000 11 29.35558	04 35 29.86	+24 28 17.5	2000 WA ₉₀	19.9	704
2000 VC ₆₄		2000 11 02.23104	01 59 09.26	+09 09 04.3	2000 US ₇₆	19.0	704	2000 WU ₁₉₂		2000 11 29.37062	04 35 29.02	+24 28 15.6	2000 WA ₉₀	20.3	704
2000 VC ₆₄		2000 11 02.24460	01 59 08.37	+09 09 02.4	2000 US ₇₆	19.4	704	2000 WV ₁₉₂	*	2000 11 21.22500	02 58 08.50	+14 21 47.6	2000 WA ₁₂₇	18.7	704
2000 VC ₆₄		2000 11 02.25813	01 59 07.63	+09 09 01.2	2000 US ₇₆	19.2	704	2000 WV ₁₉₂		2000 11 21.23989	02 58 07.63	+14 21 47.0	2000 WA ₁₂₇	18.7	704
2000 VC ₆₄		2000 11 02.27223	01 59 06.86	+09 08 58.3	2000 US ₇₆	18.7	704	2000 WV ₁₉₂		2000 11 21.25510	02 58 06.75	+14 21 45.8	2000 WA ₁₂₇	18.9	704
2000 VD ₆₄	*	2000 11 02.27580	02 33 19.94	+13 46 22.8	2000 QY ₁₀₉	19.1	704	2000 WV ₁₉₂		2000 11 21.27002	02 58 05.80	+14 21 43.0	2000 WA ₁₂₇	18.7	704
2000 VD ₆₄		2000 11 02.28936	02 33 19.10	+13 46 21.6	2000 QY ₁₀₉	19.3	704	2000 WW ₁₉₂ *		2000 11 24.22933	03 52 22.86	+22 48 10.9	2000 WA ₁₃₉	18.1	R 699
2000 VD ₆₄		2000 11 02.30297	02 33 18.23	+13 46 18.1	2000 QY ₁₀₉	19.3	704	2000 WW ₁₉₂		2000 11 24.25274	03 52 21.17	+22 48 09.4	2000 WA ₁₃₉		699
2000 VD ₆₄		2000 11 02.31652	02 33 17.50	+13 46 17.9	2000 QY ₁₀₉	19.5	704	2000 WW ₁₉₂		2000 11 24.27620	03 52 19.41	+22 48 07.0	2000 WA ₁₃₉		699
2000 VE ₆₄	*	2000 11 02.27685	02 43 08.17	+17 26 05.3	2000 VF ₂₅	18.4	704	2000 WW ₁₉₂		2000 11 24.29973	03 52 17.69	+22 48 06.9	2000 WA ₁₃₉		699
2000 VE ₆₄		2000 11 02.29041	02 43 07.23	+17 26 03.0	2000 VF ₂₅	18.8	704	2000 WX ₁₉₂ *		2000 11 27.21619	02 33 40.02	+12 29 59.9	2000 WZ ₄₁	19.0	704
2000 VE ₆₄		2000 11 02.30402	02 43 06.31	+17 26 01.3	2000 VF ₂₅	18.3	704	2000 WX ₁₉₂		2000 11 27.23060	02 33 39.34	+12 30 01.1	2000 WZ ₄₁	19.1	704

2000 WX ₁₉₂	2000 11 27.24502	02 33 38.67	+12 30 02.8	2000 WZ ₄₁	18.6	704	2000 WL ₁₉₃	2000 11 20.58226	03 31 04.08	+21 55 31.0	2000 VN ₂₆	19.8	608
2000 WX ₁₉₂	2000 11 27.25943	02 33 37.91	+12 30 04.4	2000 WZ ₄₁	18.8	704	2000 WO ₁₉₄ *	2000 11 23.41451	03 27 23.81	+05 01 34.2	2000 SO ₂₂₆	17.7	608
2000 WX ₁₉₂	2000 11 27.27386	02 33 37.21	+12 30 04.9	2000 WZ ₄₁	19.3	704	2000 WO ₁₉₄	2000 11 23.42493	03 27 23.20	+05 01 33.6	2000 SO ₂₂₆	18.1	608
2000 WY ₁₉₂ *	2000 11 28.68145	05 28 56.20	+22 03 52.6	2000 WV ₅₀	19.6	R 344	2000 WO ₁₉₄	2000 11 23.43527	03 27 22.59	+05 01 33.3	2000 SO ₂₂₆	18.3	608
2000 WY ₁₉₂	2000 11 28.69338	05 28 55.44	+22 03 56.2	2000 WV ₅₀	19.3	R 344	2000 XR ₅₄ *	2000 12 01.19319	05 12 05.84	+13 32 40.2	2000 WP ₁₇₇	20.1	R 734
2000 WZ ₁₉₂ *	2000 11 20.31351	04 36 00.97	+14 03 08.1	2000 VR ₂₈	18.9	704	2000 XR ₅₄	2000 12 01.20091	05 12 05.53	+13 32 37.6	2000 WP ₁₇₇	20.8	R 734
2000 WZ ₁₉₂	2000 11 20.32809	04 36 00.20	+14 03 05.7	2000 VR ₂₈	18.7	704	2000 XR ₅₄	2000 12 01.20881	05 12 04.89	+13 32 34.8	2000 WP ₁₇₇	20.3	R 734
2000 WZ ₁₉₂	2000 11 20.34271	04 35 59.60	+14 03 02.8	2000 VR ₂₈	19.0	704	2000 XS ₅₄ *	2000 12 08.82897	05 20 01.59	+21 42 19.9	2000 XO ₄₄	20.7	R 344
2000 WZ ₁₉₂	2000 11 20.35724	04 35 58.78	+14 03 00.5	2000 VR ₂₈	19.6	704	2000 XS ₅₄	2000 12 08.83655	05 20 01.16	+21 42 19.8	2000 XO ₄₄	20.7	R 344
2000 WA ₁₉₃ *	2000 11 21.22406	02 42 24.17	+18 12 23.8	2000 VV ₂₀	18.1	704	2000 XT ₅₄ *	2000 12 03.44177	03 48 51.41	+07 02 25.3	2000 UT ₈₉	19.4	608
2000 WA ₁₉₃	2000 11 21.23895	02 42 23.37	+18 12 22.8	2000 VV ₂₀	18.0	704	2000 XT ₅₄	2000 12 03.45215	03 48 50.93	+07 02 23.6	2000 UT ₈₉	19.5	608
2000 WA ₁₉₃	2000 11 21.25415	02 42 22.47	+18 12 22.7	2000 VV ₂₀	18.3	704	2000 XT ₅₄	2000 12 03.46283	03 48 50.46	+07 02 22.3	2000 UT ₈₉	19.8	608
2000 WA ₁₉₃	2000 11 21.26908	02 42 21.55	+18 12 22.2	2000 VV ₂₀	17.7	704	2000 XU ₅₄ *	2000 12 04.63876	05 23 11.14	+22 20 30.5	2000 XP ₅₄	20.7	R 344
2000 WA ₁₉₃	2000 11 21.28399	02 42 20.67	+18 12 22.9	2000 VV ₂₀	17.6	704	2000 XU ₅₄	2000 12 04.64249	05 23 10.89	+22 20 30.7	2000 XP ₅₄	20.7	R 344
2000 WB ₁₉₃ *	2000 11 21.36583	05 42 07.87	+20 46 54.5	2000 RC ₁₀	18.6	704	2000 YK ₁₄₀ *	2000 12 25.36421	07 26 42.86	+20 14 48.7	2000 YB ₁₃	20.9	V 691
2000 WB ₁₉₃	2000 11 21.38054	05 42 07.11	+20 46 58.3	2000 RC ₁₀	19.3	704	2000 YK ₁₄₀	2000 12 25.36872	07 26 42.56	+20 14 48.3	2000 YB ₁₃	20.5	V 691
2000 WB ₁₉₃	2000 11 21.39525	05 42 06.51	+20 47 00.1	2000 RC ₁₀	18.8	704	2000 YK ₁₄₀	2000 12 25.37339	07 26 42.25	+20 14 48.3	2000 YB ₁₃	20.6	V 691
2000 WB ₁₉₃	2000 11 21.40998	05 42 05.77	+20 47 02.5	2000 RC ₁₀	18.5	704	2000 YL ₁₄₀ *	2000 12 20.20625	04 20 52.27	+11 11 35.8	2000 WM ₃₈	18.5	704
2000 WB ₁₉₃	2000 11 21.42839	05 42 04.92	+20 47 05.9	2000 RC ₁₀	18.8	704	2000 YL ₁₄₀	2000 12 20.22129	04 20 51.56	+11 11 34.9	2000 WM ₃₈	18.6	704
2000 WC ₁₉₃ *	2000 11 21.36651	05 50 04.64	+23 37 54.1	2000 QZ ₁₈₁	18.5	704	2000 YL ₁₄₀	2000 12 20.23726	04 20 50.80	+11 11 34.8	2000 WM ₃₈	18.7	704
2000 WC ₁₉₃	2000 11 21.38122	05 50 03.99	+23 37 50.8	2000 QZ ₁₈₁	19.0	704	2000 YM ₁₄₀ *	2000 12 24.43351	05 01 52.98	+23 12 59.6	2000 XD ₄₄	20.3	R 344
2000 WC ₁₉₃	2000 11 21.39593	05 50 03.27	+23 37 48.3	2000 QZ ₁₈₁	18.7	704	2000 YM ₁₄₀	2000 12 24.45932	05 01 51.39	+23 13 04.4	2000 XD ₄₄	19.6	R 344
2000 WC ₁₉₃	2000 11 21.41066	05 50 02.62	+23 37 45.3	2000 QZ ₁₈₁	18.6	704	2000 YN ₁₄₀ *	2000 12 30.24925	04 16 27.24	+16 38 03.9	2000 WK ₄₇	20.3	704
2000 WC ₁₉₃	2000 11 21.42908	05 50 01.74	+23 37 41.8	2000 QZ ₁₈₁	18.8	704	2000 YN ₁₄₀	2000 12 30.26426	04 16 26.64	+16 38 04.7	2000 WK ₄₇	19.9	704
2000 WD ₁₉₃ *	2000 11 23.36739	02 07 02.74	-00 33 45.7	2000 SD ₂₁₉	19.7	608	2000 YN ₁₄₀	2000 12 30.27916	04 16 26.09	+16 38 05.8	2000 WK ₄₇	19.8	704
2000 WD ₁₉₃	2000 11 23.37800	02 07 02.40	-00 33 45.2	2000 SD ₂₁₉	19.7	608	2000 YO ₁₄₀ *	2000 12 30.29650	07 22 31.47	+19 07 35.0	2000 WD ₂₀	22.0	V 691
2000 WD ₁₉₃	2000 11 23.38877	02 07 02.05	-00 33 44.4	2000 SD ₂₁₉	20.0	608	2000 YO ₁₄₀	2000 12 30.30078	07 22 31.17	+19 07 35.0	2000 WD ₂₀	21.7	V 691
2000 WE ₁₉₃ *	2000 11 23.42699	03 39 24.06	-00 06 18.8	2000 ST ₂₂₆	19.1	608	2000 YO ₁₄₀	2000 12 30.30482	07 22 30.88	+19 07 35.9	2000 WD ₂₀	21.8	V 691
2000 WE ₁₉₃	2000 11 23.43791	03 39 23.47	-00 06 20.1	2000 ST ₂₂₆	19.3	608	2000 YP ₁₄₀ *	2000 12 23.90597	05 02 59.88	+25 27 45.9	2000 YU ₂₉	20	V 557
2000 WE ₁₉₃	2000 11 23.44853	03 39 22.90	-00 06 21.5	2000 ST ₂₂₆	19.5	608	2000 YP ₁₄₀	2000 12 23.90838	05 02 59.73	+25 27 46.2	2000 YU ₂₉		557
2000 WF ₁₉₃ *	2000 11 27.21619	02 32 14.50	+12 13 10.8	2000 VJ ₁₀	19.2	704	2000 YQ ₁₄₀ *	2000 12 21.96277	04 29 05.47	+19 18 59.2	2000 XN ₅₄	19.7	V 1 012
2000 WF ₁₉₃	2000 11 27.23060	02 32 13.81	+12 13 09.5	2000 VJ ₁₀	19.6	704	2000 YQ ₁₄₀	2000 12 21.96980	04 29 05.10	+19 18 58.8	2000 XN ₅₄	19.7	V 1 012
2000 WF ₁₉₃	2000 11 27.24502	02 32 13.25	+12 13 09.5	2000 VJ ₁₀	19.0	704	2000 YQ ₁₄₀	2000 12 21.97675	04 29 04.80	+19 18 57.8	2000 XN ₅₄	20.4	V 1 012
2000 WF ₁₉₃	2000 11 27.25943	02 32 12.57	+12 13 08.3	2000 VJ ₁₀	19.1	704	2000 YR ₁₄₀ *	2000 12 25.30609	05 58 55.22	+20 59 01.7	2000 YE ₁₂₁	19.9	V 691
2000 WF ₁₉₃	2000 11 27.27386	02 32 11.91	+12 13 07.2	2000 VJ ₁₀	19.3	704	2000 YR ₁₄₀	2000 12 25.33480	05 58 53.29	+20 59 01.8	2000 YE ₁₂₁	21.3	V 691
2000 WG ₁₉₃ *	2000 11 27.22296	03 39 03.17	+12 56 34.5	2000 VZ ₁₆	19.2	704	2000 YR ₁₄₀	2000 12 25.35756	05 58 51.79	+20 59 02.4	2000 YE ₁₂₁	20.9	V 691
2000 WG ₁₉₃	2000 11 27.23736	03 39 02.31	+12 56 35.7	2000 VZ ₁₆	19.9	704	2001 AJ ₅₂ *	2001 01 04.38942	08 53 26.10	+19 40 08.0	2000 YM ₁₃₄	19.7	704
2000 WG ₁₉₃	2000 11 27.25178	03 39 01.29	+12 56 34.9	2000 VZ ₁₆	19.5	704	2001 AJ ₅₂	2001 01 04.40456	08 53 25.42	+19 40 10.0	2000 YM ₁₃₄	19.6	704
2000 WG ₁₉₃	2000 11 27.26620	03 39 00.39	+12 56 35.0	2000 VZ ₁₆	19.8	704	2001 AJ ₅₂	2001 01 04.41971	08 53 24.83	+19 40 12.9	2000 YM ₁₃₄	19.5	704
2000 WH ₁₉₃ *	2000 11 30.37240	05 44 20.27	+29 41 31.7	2000 WS ₈	18.9	704	2001 AK ₅₂ *	2001 01 04.37614	09 11 03.75	+21 27 45.5	2000 YW ₁₂₈	19.0	704
2000 WH ₁₉₃	2000 11 30.38723	05 44 19.36	+29 41 33.3	2000 WS ₈	19.4	704	2001 AK ₅₂	2001 01 04.39131	09 11 03.26	+21 27 50.8	2000 YW ₁₂₈	20.2	704
2000 WH ₁₉₃	2000 11 30.40264	05 44 18.48	+29 41 34.8	2000 WS ₈	20.3	704	2001 AK ₅₂	2001 01 04.40645	09 11 02.73	+21 27 55.9	2000 YW ₁₂₈	19.2	704
2000 WH ₁₉₃	2000 11 30.41901	05 44 17.35	+29 41 37.7	2000 WS ₈	19.1	704	2001 AK ₅₂	2001 01 04.42160	09 11 02.18	+21 28 00.4	2000 YW ₁₂₈	19.4	704
2000 WJ ₁₉₃ *	2000 11 21.37702	05 05 49.28	+21 50 18.3	2000 WB ₁₂₈	19.9	704	2001 AK ₅₂	2001 01 04.43678	09 11 01.76	+21 28 05.9	2000 YW ₁₂₈	19.4	704
2000 WJ ₁₉₃	2000 11 21.39172	05 05 48.48	+21 50 14.0	2000 WB ₁₂₈	19.4	704	2001 AL ₅₂ *	2001 01 03.30060	07 17 25.17	+12 09 50.3	2001 AJ ₆	19.1	704
2000 WJ ₁₉₃	2000 11 21.40645	05 05 47.73	+21 50 08.7	2000 WB ₁₂₈	19.7	704	2001 AL ₅₂	2001 01 03.31534	07 17 24.19	+12 09 49.9	2001 AJ ₆	19.0	704
2000 WJ ₁₉₃	2000 11 21.42486	05 05 46.75	+21 50 02.6	2000 WB ₁₂₈	19.4	704	2001 AL ₅₂	2001 01 03.34495	07 17 22.35	+12 09 50.5	2001 AJ ₆	19.2	704
2000 WK ₁₉₃ *	2000 11 19.26067	03 34 01.76	+36 46 57.9	2000 RJ ₅₅	19.9	704	2001 AL ₅₂	2001 01 03.35970	07 17 21.43	+12 09 48.6	2001 AJ ₆	19.0	704
2000 WK ₁₉₃	2000 11 19.27655	03 34 00.64	+36 46 53.4	2000 RJ ₅₅	20.1	704	2001 AM ₅₂ *	2001 01 14.47867	08 34 28.27	+20 09 29.1	2000 YA ₁₃₂	19.3	V 691
2000 WK ₁₉₃	2000 11 19.29302	03 33 59.51	+36 46 46.7	2000 RJ ₅₅	20.3	704	2001 AM ₅₂	2001 01 14.48397	08 34 27.94	+20 09 30.8	2000 YA ₁₃₂	19.2	V 691
2000 WK ₁₉₃	2000 11 19.30913	03 33 58.55	+36 46 42.3	2000 RJ ₅₅	19.7	704	2001 AM ₅₂	2001 01 14.48940	08 34 27.62	+20 09 32.8	2000 YA ₁₃₂	19.1	V 691
2000 WL ₁₉₃ *	2000 11 20.56046	03 31 05.47	+21 55 33.0	2000 VN ₂₆	18.9	608	2001 AN ₅₂ *	2001 01 15.38530	08 33 33.08	+20 08 13.5	2000 YX ₆₆	21.2	V 691
2000 WL ₁₉₃	2000 11 20.57137	03 31 04.76	+21 55 32.7	2000 VN ₂₆	18.9	608	2001 AN ₅₂	2001 01 15.38997	08 33 32.77	+20 08 14.5	2000 YX ₆₆	21.2	V 691

2001 AN ₅₂	2001 01 15.39476	08 33 32.48	+20 08 15.1	2000 YX ₆₆	20.5 V	691
2001 AO ₅₂	* 2001 01 02.30663	08 01 22.11	+20 47 43.7	2000 YX ₁₃₈	19.0	704
2001 AO ₅₂	2001 01 02.33771	08 01 20.40	+20 47 47.4	2000 YX ₁₃₈	19.2	704
2001 AO ₅₂	2001 01 02.35293	08 01 19.59	+20 47 49.8	2000 YX ₁₃₈	19.3	704
2001 AP ₅₂	* 2001 01 01.46822	08 50 20.42	+19 22 54.7	2000 YM ₁₃₃	20.9	608
2001 AP ₅₂	2001 01 01.47970	08 50 19.92	+19 22 57.7	2000 YM ₁₃₃	20.6	608
2001 AP ₅₂	2001 01 01.49087	08 50 19.47	+19 23 01.1	2000 YM ₁₃₃	20.6	608
2001 AQ ₅₂	* 2001 01 03.23918	05 57 44.52	+23 18 39.7	2000 YB ₁₂₇	20.6 V	691
2001 AQ ₅₂	2001 01 03.26269	05 57 42.84	+23 18 36.1	2000 YB ₁₂₇	20.4 V	691
2001 AQ ₅₂	2001 01 03.28595	05 57 41.18	+23 18 32.4	2000 YB ₁₂₇	20.2 V	691
2001 AR ₅₂	* 2001 01 03.31582	07 29 36.19	+19 17 26.0	2000 YJ ₁₃₉	21.5 V	691
2001 AR ₅₂	2001 01 03.32164	07 29 35.87	+19 17 27.1	2000 YJ ₁₃₉	21.2 V	691
2001 AR ₅₂	2001 01 03.32756	07 29 35.51	+19 17 26.9	2000 YJ ₁₃₉	21.2 V	691
2001 AS ₅₂	* 2001 01 04.47189	09 40 44.72	+15 24 49.5	2000 YW ₁₂₃	20.2	608
2001 AS ₅₂	2001 01 04.48223	09 40 44.32	+15 24 48.6	2000 YW ₁₂₃	20.0	608
2001 AS ₅₂	2001 01 04.49278	09 40 43.92	+15 24 47.6	2000 YW ₁₂₃	20.0	608
2001 AT ₅₂	* 2001 01 04.52493	10 07 07.20	-20 24 14.2	2000 YJ ₁₀₀	19.4	608
2001 AT ₅₂	2001 01 04.53493	10 07 07.14	-20 24 21.7	2000 YJ ₁₀₀	19.1	608
2001 AT ₅₂	2001 01 04.54577	10 07 07.09	-20 24 29.9	2000 YJ ₁₀₀	19.2	608
2001 AU ₅₂	* 2001 01 05.29974	08 34 49.01	+17 12 17.3	2000 YU ₁₁₈	19.0	704
2001 AU ₅₂	2001 01 05.33057	08 34 47.38	+17 12 25.6	2000 YU ₁₁₈	19.5	704
2001 AU ₅₂	2001 01 05.34596	08 34 46.46	+17 12 33.0	2000 YU ₁₁₈	19.3	704
2001 AU ₅₂	2001 01 05.36134	08 34 45.68	+17 12 37.3	2000 YU ₁₁₈	19.5	704
2001 AV ₅₂	* 2001 01 05.71493	04 53 20.60	+20 41 35.8	2000 YT ₁₃₀	19.2 R	344
2001 AV ₅₂	2001 01 05.72699	04 53 20.15	+20 41 33.0	2000 YT ₁₃₀	19.4 R	344
2001 AW ₅₂	* 2001 01 04.39965	09 13 56.39	+19 28 09.4	2001 AY ₄₁	21.0 V	691
2001 AW ₅₂	2001 01 04.40562	09 13 56.13	+19 28 10.9	2001 AY ₄₁	21.0 V	691
2001 AW ₅₂	2001 01 04.41145	09 13 55.88	+19 28 11.8	2001 AY ₄₁	21.0 V	691
2001 BP ₈₁	* 2001 01 21.30704	07 54 50.95	+18 17 21.9	2001 AS ₅₁	18.7	704
2001 BP ₈₁	2001 01 21.32224	07 54 49.95	+18 17 26.2	2001 AS ₅₁	19.5	704
2001 BP ₈₁	2001 01 21.33738	07 54 49.04	+18 17 31.2	2001 AS ₅₁	19.5	704
2001 BP ₈₁	2001 01 21.35254	07 54 48.06	+18 17 34.2	2001 AS ₅₁	19.7	704
2001 BP ₈₁	2001 01 21.36768	07 54 47.13	+18 17 40.1	2001 AS ₅₁	19.3	704
2001 BQ ₈₁	* 2001 01 21.39163	09 51 59.55	+17 38 35.8	2001 BG ₅₃	21.1 V	691
2001 BQ ₈₁	2001 01 21.41361	09 51 58.60	+17 38 43.8	2001 BG ₅₃	21.1 V	691
2001 BQ ₈₁	2001 01 21.43530	09 51 57.65	+17 38 50.8	2001 BG ₅₃	21.0 V	691
2001 BR ₈₁	* 2001 01 20.33506	07 43 38.59	+17 49 02.9	2001 AP ₄₉	21.8 V	691
2001 BR ₈₁	2001 01 20.33911	07 43 38.34	+17 49 03.6	2001 AP ₄₉	21.6 V	691
2001 BR ₈₁	2001 01 20.34320	07 43 38.05	+17 49 03.5	2001 AP ₄₉	22.1 V	691
2001 CF ₂₁	* 2001 02 04.27531	09 22 46.42	+13 27 18.9	2001 CW ₉	18.3 R	732
2001 CF ₂₁	2001 02 04.28628	09 22 45.90	+13 27 23.5	2001 CW ₉	18.3 R	732
2001 CN ₄₆	* 2001 02 02.30786	09 00 37.57	+12 47 24.4	2001 BX ₂₇	18.6	704
2001 CN ₄₆	2001 02 02.32274	09 00 36.62	+12 47 25.9	2001 BX ₂₇	19.2	704
2001 CN ₄₆	2001 02 02.33765	09 00 35.57	+12 47 27.0	2001 BX ₂₇	18.9	704
2001 CN ₄₆	2001 02 02.35256	09 00 34.49	+12 47 29.2	2001 BX ₂₇	18.9	704
2001 CN ₄₆	2001 02 02.36747	09 00 33.47	+12 47 29.4	2001 BX ₂₇	18.8	704
2001 CO ₄₆	* 2001 02 03.32661	09 11 58.88	+17 44 40.5	2001 BR ₂₈	18.1	704
2001 CO ₄₆	2001 02 03.34132	09 11 57.99	+17 44 46.5	2001 BR ₂₈	18.1	704
2001 CO ₄₆	2001 02 03.37111	09 11 56.14	+17 44 57.7	2001 BR ₂₈	18.3	704

IDENTIFICATIONS

The following identifications with numbered minor planets continue the list on MPC 42009:

	Note		Note
1932 EN	= (19134)	1940 RC ₁	= (20751)
1950 VL	= (21609)	1952 CC	= (19979)
1953 QR	= (21736)	1954 WR	= (19469)
1956 UN	= (20295)	1960 WF ₁	= (21406)
1961 CS	= (20067)	1969 PG	= (19155)
1969 UM ₁	= (19782)	1970 WP ₁	= (19310)
1971 BW ₃	= (20341)	1971 ST	= (19555)
1971 SX	= (19176)	1972 TT ₅	= (19687)
1973 QO	= (19970)	1975 EC ₄	= (21668)
1975 TN ₂	= (21910)	1975 TA ₃	= (21293)
1975 TQ ₆	= (19398)	1975 UE ₁	= (21634)
1975 VX ₅	= (21910)	1975 VE ₉	= (19140)
1976 GS ₄	= (19747)	1976 GG ₅	= (21393)
1976 GB ₇	= (20813)	1976 JY ₄	= (21818)
1976 ST ₈	= (19961)	1977 FT ₂	= (20615)
1977 RM ₁	= (20440)	1978 EP ₇	= (19453)
1978 JA ₄	= (20258)	1978 LN	= (21910)
1978 NB ₆	= (20334)	1978 NK ₈	= (21425)
1978 NL ₈	= (21910)	1978 RD ₅	= (19747)
1978 TF ₂	= (19354)	1978 VO ₁₅	= (20823)
1979 HW ₅	= (19339)	1979 UP ₃	= (19313)
1979 WQ ₃	= (19469)	1979 XM ₁	= (19053)
1980 DB ₂	= (20722)	1980 FP ₅	= (19747)
1980 FW ₈	= (21538)	1980 RC ₅	= (21176)
1980 WY	= (19462)	1981 TD ₃	= (20440)
1981 UU ₁₄	= (20467)	1981 WU ₄	= (19794)
1982 SG ₆	= (19227)	1982 SA ₉	= (19747)
1982 SB ₁₂	= (20520)	1982 UE ₉	= (19840)
1982 VF ₉	= (19707)	1982 VU ₉	= (19840)
1982 VD ₁₀	= (21164)	1982 VF ₁₂	= (19847)
1982 YL ₅	= (14190)	1983 CC ₈	= (19992)
1983 GF ₁	= (19744)	1983 VP	= (21217)
1983 VA ₅	= (21450)	1984 EJ ₁	= (19704)
1984 FH ₂	= (19842)	1984 LF	= (19515)
1985 FO ₁	= (21586)	1985 FO ₁	= (21586)
1986 CM	= (21122)	1986 PD ₃	= (21470)
1986 RJ ₁₄	= (19257)	1986 SJ ₁	= (19747)
1986 TN ₁₃	= (21609)	1986 UT ₂	= (20541)
1986 VM ₄	= (19925)	1986 WF ₄	= (19989)
1986 YH ₁	= (20279)	1987 SK ₁₄	= (21977)
1987 SQ ₂₂	= (21164)	1987 SM ₂₃	= (19567)
1987 WB ₁	= (21749)	1988 SY	= (19912)
1988 XF ₅	= (20665)	1989 WG ₆	= (20653)
1990 CG	= (20873)	1990 EX ₆	= (20312)
1990 RT ₁₇	= (20895)	1990 TP ₁₆	= (21865)
1990 UH ₁₃	= (19782)	1990 WQ ₁₁	= (20945)
1991 FH ₁	= (19522)	1991 PH ₃₂	= (20793)
1992 ED ₃₅	= (21204)	1992 ER ₃₆	= (22025)

1992 EX ₃₆	= (21204)	1	1992 SH ₂₄	= (21473)	1
1992 SL ₂₄	= (21459)	1	1993 TF ₂₄	= (19542)	1
1993 TY ₄₅	= (20855)	1	1994 UA ₁	= (20799)	1
1994 VR ₈	= (12580)	1	1996 WO ₃	= (21621)	1
1999 PQ ₈	= (19636)	1	1999 RZ ₈₂	= (20591)	1
1999 RD ₂₄₂	= (21946)	1	1999 RO ₂₄₂	= (19999)	1
1999 RY ₂₅₅	= (19329)	1	1999 RF ₂₅₆	= (20566)	1
1999 TH ₁₈	= (21573)	1	1999 TF ₈₉	= (19713)	1
1999 TX ₃₂₃	= (21493)	1	1999 UM ₂₅	= (21845)	1
1999 VZ ₇₄	= (21256)	1	1999 VB ₂₁₄	= (21459)	1
1999 VO ₂₂₇	= (22033)	1	1999 XA ₂₆₂	= (21892)	1
2000 WP ₁₃₇	= (21669)	1	2000 YW ₁₂₈	= (19497)	1

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

OBSERVATIONS OF COMETS

Observations are published here for the following observatory codes:

- 046 Kleč. 0.57-m $f/5.2$ reflector + CCD. Observers J. Tichá, M. Tichý, M. Kočer and H. Znachorová.
- 104 San Marcello Pistoise. 0.40-m $f/5$ reflector + CCD. Observers L. Tesi, A. Boattini and M. Tombelli. Measured by A. Boattini, L. Tesi, M. Tombelli and G. Forti.
- 106 Črni vrh. 0.36-m $f/6.7$ Schmidt-Cassegrain + CCD. Observers H. Mikuš and J. Skvarč.
- 118 Modra. 0.6-m $f/5.5$ reflector + CCD. Observers Š. Gajdoš, A. Galád, L. Kornoš, P. Kolény and J. Tóth.
- 127 Bornheim. 0.19-m $f/4$ reflector + CCD. Observer N. Ehring.
- 151 Winterthur. 0.40-m $f/5.9$ hypergraph + CCD. Observer M. Griesser.
- 152 Moletai Astronomical Observatory. 0.35-m $f/3.5$ Maksutov + CCD. Observers K. Černis and V. Laugalys.
- 163 Roeser Observatory, Luxembourg. 0.46-m $f/4.5$ reflector + CCD. Observer M. Dawson.
- 170 Begues. 0.26-m Schmidt-Cassegrain + CCD. Observer J. Manteca.
- 201 Postel Observatory. 0.30-m $f/10.0$ reflector + CCD. Observer V. Pozzoli.
- 205 Casalecchio di Reno. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD. Observer M. Brusa.
- 249 SOHO. SOHO-LASCO coronagraphs C3 and C2. Measured by D. Hammer. Reduction by B. G. Marsden.
- 261 Palomar-DSS. 1.2-m Oschin Schmidt. Measurer R. Stoss.
- 322 Perth Observatory, Bickley-MCT. 0.25-m $f/4.5$ reflector + CCD. Observers M. Slivkoff, T. Smith, G. Lowe and J. D. Biggs. Measured by M. Slivkoff and J. D. Biggs.
- 341 Akashina. 0.40-m $f/6.0$ reflector + CCD. Observer A. Akahori.
- 347 Utsunomiya-Imaizumi. 0.20-m $f/9.0$ Schmidt-Cassegrain + CCD. Observer M. Suzuki.
- 348 Ayabe. 0.28-m $f/5.5$ Schmidt-Cassegrain + CCD. Observer N. Otuki.
- 349 Ageo. 0.18-m $f/5.5$ reflector + CCD. Observer K. Kadota.
- 355 Hadano. 0.28-m $f/5.0$ reflector + CCD. Observer A. Asami.
- 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.
- 402 Dynic Astronomical Observatory. 0.60-m $f/3.7$ reflector + CCD. Observer A. Sugie.
- 428 Reedy Creek. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD. Observer J. Broughton.
- 461 JATE Asteroid Survey, Piskésetető. 0.60-m Schmidt + CCD. Observers K. Sárneczky, L. Kiss and A. Derekas.
- 473 Remanzacco Observatory. 0.30-m $f/2.8$ reflector + CCD. Observers L. Donato, S. Garzia, R. Geretti, V. Gonano, V. Santini and G. Sostero.
- 504 Le Creusot. 0.40-m $f/5$ reflector + CCD. Observer J. C. Merlin.
- 557 Ondřejov. 0.65-m $f/3.6$ reflector + CCD. Observers P. Pravec, L. Šarounová and P. Kušnirák.
- 587 Sormano. 0.5-m reflector + CCD. Observers G. Vospini, L. Pansecchi and M. Cavagna.
- 608 Haleakala-AMOS. 1.2-m reflector + CCD. Observers E. F. Helin, S. Pravdo, K. J. Lawrence, P. Kervin, R. Maeda and M. Skinner.
- 611 Starkenburg. 0.45-m $f/4.4$ reflector + CCD. Observers M. Busch, A. Heller, S. Kluegl, R. Kresken and F. Hornmuth.
- 620 Mallorca. 0.4-m $f/2$ Schmidt + CCD. Observers S. Sanchez and M. Blasco. Measured by S. Sanchez, M. Blasco and J. Rodriguez.
- 642 Oak Bay, Victoria. 0.20-m $f/3.7$ Schmidt-Cassegrain + CCD. Observer C. E. Spratt.
- 670 Camarillo. 0.30-m $f/6.7$ Helin telescope + CCD. Observer J. E. Rogers.
- 673 Table Mountain, Wrightwood. 0.6-m reflector + CCD. Observers D. Esqueda, A. Esqueda and T. Ha. Measured by M. Hicks.
- 675 Palomar. 1.5-m reflector + CCD. Observers M. Hicks and B. Buratti.
- 682 Kanab. 0.25-m $f/4$ Schmidt-Cassegrain + CCD. Observer E. Sheridan.
- 691 Kitt Peak. 0.91-m Spacewatch telescope. Observer J. L. Montani.
- 693 University of Arizona, Catalina Station. 1.5-m reflector + CCD. Observer C. W. Hergenrother.
- 695 Kitt Peak. 2.3-m reflector + CCD. Observers C. W. Hergenrother and S. M. Larson.
- 696 Mt. Hopkins. 1.2-m reflector + CCD. Observer T. B. Spahr.
- 699 LONEOS. 0.59-m Schmidt + CCD. Observers B. A. Skiff, B. W. Koehn and M. E. Van Ness.
- 704 LINEAR. 1.0-m $f/2.15$ reflector + CCD. Observers M. Blythe, F. Shelly, M. Bezpalko, M. Elowitz and R. Huber. Measured by J. Stuart, H. Viggh, R. Sayer and J. B. Evans.
- 711 McDonald. 0.76-m reflector + CCD. Observer J. G. Ries.
- 734 Eskridge. 0.30-m Schmidt-Cassegrain + CCD. Observer G. Hug.
- 739 Olathe. 0.25-m $f/4.1$ Schmidt-Cassegrain + CCD. Observer L. Robinson.
- 750 Hobbs Observatory, Fall Creek. 0.6-m $f/5$ telescope + CCD. Observer R. Elliott.
- 808 El Leoncito. 0.5-m $f/7.5$ double astrograph + CCD. Observers C. E. Lopez, H. S. Lepez, R. A. Gil-Hutton and M. R. Cesco.
- 844 Los Molinos. 0.35-m $f/6.4$ reflector + CCD. Observers F. Artigue and S. Roland.
- 850 Cordell-Lorenz Observatory. 0.3-m $f/5.7$ Schmidt-Cassegrain + CCD. Observer D. T. Durig.
- 854 Sabino Canyon Observatory. Observer J. E. McGaha. 0.30-m $f/9.9$ Schmidt-Cassegrain + CCD.
- 867 Saji Observatory. 1.03-m $f/4.8$ reflector + CCD. Observer T. Oribe.
- 900 Moriyama. 0.25-m $f/6.3$ reflector + CCD. Observer Y. Ikari.

C/1999 K5	2001 02 15.03258	05 05 49.70	-55 28 33.9		808	C/1999 U4	2001 01 21.46639	02 16 38.12	+51 44 01.1		349
C/1999 K5	2001 02 17.16192	05 05 47.46	-54 37 42.3	13.7 T	844	C/1999 U4	2001 01 21.46942	02 16 38.24	+51 44 00.7		349
C/1999 K5	2001 02 17.16821	05 05 47.51	-54 37 33.3	13.6 T	844	C/1999 U4	2001 01 21.47347	02 16 38.18	+51 44 01.2	16.0 T	360
C/1999 K5	2001 02 17.17133	05 05 47.54	-54 37 28.9	13.7 T	844	C/1999 U4	2001 01 21.47633	02 16 38.19	+51 44 00.9		360
C/1999 K5	2001 02 20.02743	05 05 57.28	-53 29 10.8		808	C/1999 U4	2001 02 16.88977	02 24 57.30	+51 35 20.3		201
C/1999 K8 (LINEAR)						C/1999 U4	2001 02 16.89995	02 24 57.84	+51 35 22.3		201
C/1999 K8	2000 11 23.52076	01 28 02.49	-08 24 25.5	15.9 T	900	C/1999 U4	2001 02 18.78834	02 26 02.45	+51 36 35.0		201
C/1999 K8	2000 11 23.52839	01 28 02.47	-08 24 28.1		900	C/1999 U4	2001 02 18.81323	02 26 03.36	+51 36 36.1		201
C/1999 T1 (McNaught-Hartley)						C/1999 U4	2001 02 18.84007	02 26 04.28	+51 36 37.0		201
C/1999 T1	2001 01 29.78941	16 16 49.24	+12 20 42.2	8.7 T	349	P/1999 WJ₇ (Korlević)					
C/1999 T1	2001 01 29.79242	16 16 49.74	+12 20 53.4		349	P/1999 WJ ₇	2001 02 19.30790	10 11 01.99	+08 22 36.1	17.6 T	704
C/1999 T1	2001 01 29.79522	16 16 50.20	+12 21 03.0		349	P/1999 WJ ₇	2001 02 19.32220	10 11 01.36	+08 22 38.1	19.3 T	704
C/1999 T1	2001 01 29.79632	16 16 50.37	+12 21 07.2		349	P/1999 WJ ₇	2001 02 19.33672	10 11 00.77	+08 22 42.1	19.5 T	704
C/1999 T1	2001 01 30.09805	16 17 40.63	+12 39 07.8	8.7 T	620	P/1999 WJ ₇	2001 02 19.35103	10 11 00.06	+08 22 43.3	18.3 T	704
C/1999 T1	2001 01 30.12825	16 17 45.64	+12 40 56.2	8.8 T	620	P/1999 WJ ₇	2001 02 19.36533	10 10 59.60	+08 22 44.6	18.9 T	704
C/1999 T1	2001 01 30.14062	16 17 47.68	+12 41 40.7	8.7 T	620	P/1999 WJ ₇	2001 02 22.24804	10 09 08.73	+08 31 48.1	16.6 T	704
C/1999 T1	2001 01 30.15024	16 17 49.28	+12 42 15.3	8.7 T	620	P/1999 WJ ₇	2001 02 22.26205	10 09 08.16	+08 31 50.7	17.5 T	704
C/1999 T1	2001 01 30.16122	16 17 51.08	+12 42 54.8	8.7 T	620	P/1999 WJ ₇	2001 02 22.27679	10 09 07.57	+08 31 52.7	18.3 T	704
C/1999 T1	2001 02 01.20666	16 23 30.65	+14 45 32.8		201	P/1999 WJ ₇	2001 02 22.29094	10 09 06.95	+08 31 56.3	18.4 T	704
C/1999 T1	2001 02 01.21115	16 23 31.34	+14 45 49.2		201	P/1999 WJ ₇	2001 02 22.30577	10 09 06.28	+08 31 59.1	17.8 T	704
C/1999 T1	2001 02 01.21506	16 23 31.99	+14 46 03.3		201	C/1999 Y1 (LINEAR)					
C/1999 T1	2001 02 03.24410	16 29 07.69	+16 48 16.7	12.9 T	170	C/1999 Y1	2000 11 23.53948	00 12 47.08	+26 12 00.4	12.7 T	900
C/1999 T1	2001 02 11.22163	16 50 52.63	+24 47 14.5		201	C/1999 Y1	2000 11 23.54711	00 12 46.42	+26 11 47.2		900
C/1999 T1	2001 02 11.22520	16 50 53.12	+24 47 26.4		201	C/1999 Y1	2000 12 22.40488	23 51 48.25	+14 24 14.8	13.2 T	900
C/1999 T1	2001 02 11.22878	16 50 53.68	+24 47 39.5		201	C/1999 Y1	2000 12 22.41251	23 51 48.12	+14 24 06.4		900
C/1999 T1	2001 02 25.13310	17 27 14.41	+37 50 45.1	12.0 T	941	C/1999 Y1	2001 01 06.38950	23 50 12.26	+10 10 32.8	13.1 T	349
C/1999 T1	2001 02 25.16940	17 27 19.35	+37 52 37.1	13.3 N	461	C/1999 Y1	2001 01 06.39285	23 50 12.27	+10 10 30.1		349
C/1999 T1	2001 02 25.17023	17 27 19.59	+37 52 39.6		461	C/1999 Y1	2001 01 06.39411	23 50 12.28	+10 10 28.8		349
C/1999 T1	2001 02 25.17105	17 27 19.66	+37 52 42.2		461	C/1999 Y1	2001 01 06.39578	23 50 12.30	+10 10 27.5		349
C/1999 T1	2001 02 25.17189	17 27 19.89	+37 52 45.0		461	C/1999 Y1	2001 01 14.43472	23 51 05.87	+08 22 08.4	13.6 T	347
C/1999 T1	2001 02 25.17272	17 27 20.03	+37 52 47.6		461	C/1999 Y1	2001 01 14.44094	23 51 05.88	+08 22 03.1	13.3 T	347
C/1999 T2 (LINEAR)						C/1999 Y1	2001 01 14.44547	23 51 05.92	+08 21 59.7	13.3 T	347
C/1999 T2	2000 05 26.98141	22 36 48.70	+48 00 11.4	15.0 T	152	C/1999 Y1	2001 01 15.44346	23 51 16.78	+08 09 43.7	13.7 T	347
C/1999 T2	2000 05 26.99613	22 36 48.10	+48 00 30.5	14.9 T	152	C/1999 Y1	2001 01 15.44657	23 51 16.83	+08 09 41.0		347
C/1999 T2	2001 01 11.84281	17 04 55.08	+24 51 00.6		349	C/1999 Y1	2001 01 15.45035	23 51 16.88	+08 09 38.5		347
C/1999 T2	2001 01 11.84440	17 04 55.13	+24 51 00.9		349	C/1999 Y1	2001 01 21.43487	23 52 39.14	+07 00 58.8		347
C/1999 T2	2001 01 11.84593	17 04 55.11	+24 51 01.0		349	C/1999 Y1	2001 01 21.43759	23 52 39.18	+07 00 56.9		347
C/1999 T2	2001 01 11.84740	17 04 55.15	+24 51 00.6	13.8 T	349	C/1999 Y1	2001 01 21.44292	23 52 39.26	+07 00 53.5		347
C/1999 T2	2001 01 14.82472	17 05 14.07	+24 54 05.2		349	C/1999 Y1	2001 02 03.38972	23 57 02.74	+04 57 14.4	13.5 T	349
C/1999 T2	2001 01 14.82705	17 05 14.06	+24 54 05.4		349	C/1999 Y1	2001 02 03.39243	23 57 02.79	+04 57 13.1		349
C/1999 T2	2001 01 14.82889	17 05 14.09	+24 54 05.8		349	C/1999 Y1	2001 02 03.39984	23 57 02.97	+04 57 09.2		349
C/1999 T2	2001 01 14.83044	17 05 14.13	+24 54 05.9	14.0 T	349	C/1999 Y1	2001 02 03.40130	23 57 03.01	+04 57 08.5		349
C/1999 T2	2001 01 29.82096	17 04 54.21	+25 35 04.7	13.9 T	349	C/2000 A1 (Montani)					
C/1999 T2	2001 01 29.82288	17 04 54.14	+25 35 05.3		349	C/2000 A1	2001 01 21.67266	09 20 20.82	+26 26 59.4	18.2 T	360
C/1999 T2	2001 01 29.82470	17 04 54.15	+25 35 05.6		349	C/2000 A1	2001 01 21.67736	09 20 20.75	+26 27 00.0		360
C/1999 T2	2001 01 29.82661	17 04 54.12	+25 35 06.0		349	C/2000 A1	2001 02 16.23230	09 13 51.23	+27 25 34.9	18.7 T	704
C/1999 T2	2001 02 10.23267	17 01 50.64	+26 33 18.9	15.1 T	170	C/2000 A1	2001 02 16.24622	09 13 51.02	+27 25 37.4	19.5 T	704
C/1999 U4 (Catalina-Skiff)						C/2000 A1	2001 02 16.27407	09 13 50.61	+27 25 41.3	19.7 T	704
C/1999 U4	2000 11 28.54447	02 43 16.48	+52 35 33.2	15.6 T	900	C/2000 A1	2001 02 16.28800	09 13 50.34	+27 25 43.8	19.4 T	704
C/1999 U4	2000 11 28.55560	02 43 15.85	+52 35 32.7		900	C/2000 A1	2001 02 21.19005	09 12 38.21	+27 34 49.9	17.2 T	699
C/1999 U4	2001 01 21.46358	02 16 38.14	+51 44 00.9	16.1 T	349	C/2000 A1	2001 02 21.20079	09 12 38.08	+27 34 50.8	18.5 T	691

C/2000 A1	2001 02 21.22796	09 12 37.62	+27 34 53.6		699	C/2000 U5	2001 02 16.86910	03 24 18.27	+17 16 59.1		201
C/2000 A1	2001 02 21.22993	09 12 37.65	+27 34 54.0	18.7 T	691	C/2000 U5	2001 02 16.87678	03 24 18.29	+17 17 01.8		201
C/2000 A1	2001 02 21.26201	09 12 37.20	+27 34 57.4	18.8 T	691	C/2000 U5	2001 02 16.88645	03 24 18.21	+17 17 06.7		201
C/2000 A1	2001 02 21.26541	09 12 37.07	+27 34 57.7		699	C/2000 U5	2001 02 18.79035	03 24 16.31	+17 31 45.7		201
C/2000 A1	2001 02 21.30296	09 12 36.54	+27 35 01.6		699	C/2000 U5	2001 02 18.81118	03 24 16.22	+17 31 54.5		201
C/2000 B4 (LINEAR)											
C/2000 B4	2001 02 17.29893	10 02 45.56	+23 40 59.5	18.8 T	704	C/2000 U5	2001 02 18.83648	03 24 16.27	+17 32 08.3		201
C/2000 B4	2001 02 17.31308	10 02 45.11	+23 41 00.3	19.5 T	704	C/2000 U5	2001 02 19.09267	03 24 16.32	+17 34 04.0	19.0 T	704
C/2000 B4	2001 02 17.32721	10 02 44.80	+23 41 01.0	19.6 T	704	C/2000 U5	2001 02 19.10652	03 24 16.29	+17 34 11.6	18.8 T	704
C/2000 B4	2001 02 17.34133	10 02 44.44	+23 41 00.2	19.9 T	704	C/2000 U5	2001 02 19.12038	03 24 16.33	+17 34 17.5	19.4 T	704
C/2000 B4	2001 02 17.35545	10 02 44.15	+23 41 01.3	19.2 T	704	C/2000 U5	2001 02 19.13424	03 24 16.36	+17 34 24.5	19.0 T	704
P/2000 C1 (Hergenrother)											
P/2000 C1	2000 05 26.89023	12 05 18.22	+08 22 08.7	17.5 T	152	C/2000 U5	2001 02 19.14812	03 24 16.35	+17 34 31.2	18.8 T	704
P/2000 C1	2000 05 26.91377	12 05 19.19	+08 21 55.1	17.6 T	152	C/2000 U5	2001 02 22.09436	03 24 20.57	+17 57 00.5	18.8 T	704
C/2000 K1 (LINEAR)											
C/2000 K1	2000 06 05.91183	16 26 57.89	+10 55 35.9	16.5 T	152	C/2000 U5	2001 02 22.10817	03 24 20.60	+17 57 07.0	19.3 T	704
C/2000 K1	2000 06 05.91325	16 26 57.93	+10 55 36.0	16.5 T	152	C/2000 U5	2001 02 22.12198	03 24 20.72	+17 57 13.5	19.1 T	704
C/2000 K1	2000 06 05.98119	16 26 54.41	+10 56 00.5	16.6 T	152	C/2000 U5	2001 02 22.13581	03 24 20.79	+17 57 20.1	19.0 T	704
C/2000 K2 (LINEAR)											
C/2000 K2	2000 06 05.90926	17 21 27.98	+11 52 06.4	16.3 T	152	C/2000 U5	2001 02 22.14964	03 24 20.74	+17 57 25.8	18.8 T	704
C/2000 K2	2000 06 05.97971	17 21 26.47	+11 52 41.5	16.2 T	152	C/2000 U5	2001 02 22.77459	03 24 22.60	+18 02 11.0	17.9 T	170
P/2000 S1 (Skiff)											
P/2000 S1	2000 11 28.48298	00 05 42.27	-04 47 46.1	16.6 T	900	P/2000 U6 (Tichý)					
P/2000 S1	2000 11 28.49343	00 05 42.55	-04 47 39.5		900	P/2000 U6	2000 11 23.59337	02 32 41.31	+33 02 32.6	17.2 T	900
C/2000 SV₇₄ (LINEAR)											
C/2000 SV ₇₄	2000 11 23.50405	01 04 08.81	+06 20 29.4	16.4 T	900	P/2000 U6	2000 11 23.60473	02 32 40.63	+33 02 36.6		900
C/2000 SV ₇₄	2000 11 23.51169	01 04 08.57	+06 20 30.4		900	P/2000 U6	2001 02 16.87037	03 15 05.59	+36 37 42.2	20.2 N	587
C/2000 U5 (LINEAR)											
C/2000 U5	2000 11 23.64361	04 33 45.77	+05 09 52.2	15.4 T	900	P/2000 U6	2001 02 16.87951	03 15 06.51	+36 37 45.0		587
C/2000 U5	2000 11 23.65124	04 33 45.10	+05 09 56.0		900	C/2000 W1 (Utsunomiya-Jones)					
C/2000 U5	2000 11 24.60696	04 32 24.88	+05 17 51.2	15.4 T	900	C/2000 W1	2001 01 18.85075	17 51 25.96	-17 48 24.1		349
C/2000 U5	2000 11 24.61809	04 32 23.96	+05 17 56.7		900	C/2000 W1	2001 01 18.85861	17 51 24.86	-17 48 26.7		349
C/2000 U5	2000 11 28.65515	04 26 45.08	+05 51 58.2	15.2 T	900	C/2000 W1	2001 01 18.86040	17 51 24.53	-17 48 27.3	12.7 T	349
C/2000 U5	2000 11 28.66279	04 26 44.45	+05 52 01.9		900	C/2000 W1	2001 01 23.84068	17 39 18.12	-17 57 30.8		349
C/2000 U5	2000 12 01.66928	04 22 33.62	+06 17 53.7	15.8 T	900	C/2000 W1	2001 01 23.86067	17 39 15.23	-17 57 32.1	13.6 T	349
C/2000 U5	2000 12 01.67693	04 22 32.96	+06 17 57.4		900	C/2000 WM₁ (LINEAR)					
C/2000 U5	2000 12 22.48252	03 55 56.69	+09 23 17.2	16.4 T	900	C/2000 WM ₁	2001 01 06.41806	00 02 56.87	+50 49 41.6	17.9 T	341
C/2000 U5	2000 12 22.49365	03 55 55.97	+09 23 22.5		900	C/2000 WM ₁	2001 01 06.42847	00 02 57.11	+50 49 35.7		341
C/2000 U5	2001 01 17.53120	03 33 20.30	+13 11 46.5	15.7 T	900	C/2000 WM ₁	2001 01 06.43889	00 02 57.32	+50 49 29.6		341
C/2000 U5	2001 01 17.53884	03 33 20.08	+13 11 49.6		900	C/2000 WM ₁	2001 01 21.43404	00 10 47.65	+48 39 03.0		349
C/2000 U5	2001 01 21.48315	03 31 09.27	+13 45 02.4	16.9 T	349	C/2000 WM ₁	2001 01 21.44830	00 10 48.22	+48 38 57.5		349
C/2000 U5	2001 01 21.49262	03 31 09.01	+13 45 06.4		349	C/2000 WM ₁	2001 01 21.45148	00 10 48.24	+48 38 56.1	17.7 T	349
C/2000 U5	2001 01 21.49531	03 31 08.86	+13 45 07.6		349	C/2000 WM ₁	2001 01 21.45186	00 12 43.32	+48 16 05.2	17.6 T	341
C/2000 U5	2001 01 21.52532	03 31 07.96	+13 45 23.9	16.7 T	360	C/2000 WM ₁	2001 01 24.42500	00 12 43.62	+48 16 02.3		341
C/2000 U5	2001 01 21.52787	03 31 07.88	+13 45 25.3		360	C/2000 WM ₁	2001 01 24.43889	00 12 44.14	+48 15 56.1		341
C/2000 U5	2001 01 24.50552	03 29 42.13	+14 10 13.0	16.2 T	900	C/2000 WM ₁	2001 02 03.76667	00 20 12.79	+47 04 31.9		170
C/2000 U5	2001 01 24.51443	03 29 41.96	+14 10 15.5		900	C/2000 WM ₁	2001 02 16.86258	00 31 13.96	+45 52 25.9		201
C/2000 U5	2001 02 11.77410	03 24 40.48	+16 37 22.0	17.5 T	170	C/2000 WM ₁	2001 02 16.87241	00 31 14.49	+45 52 22.7		201
C/2000 U5	2001 02 11.78074	03 24 40.36	+16 37 26.5	17.7 T	170	C/2000 WM ₁	2001 02 17.79632	00 32 04.58	+45 48 03.3	17.6 T	620
						C/2000 WM ₁	2001 02 17.80588	00 32 05.12	+45 48 01.1	17.6 T	620
						C/2000 WM ₁	2001 02 17.82269	00 32 06.04	+45 47 56.9	17.7 T	620
						C/2000 WM ₁	2001 02 18.78510	00 32 58.67	+45 43 32.8		201
						C/2000 WM ₁	2001 02 18.79733	00 32 59.25	+45 43 28.4		201
						C/2000 WM ₁	2001 02 18.81763	00 33 00.54	+45 43 24.0		201
						C/2000 WM ₁	2001 02 20.79685	00 34 50.23	+45 34 42.8	17.3 T	620
						C/2000 WM ₁	2001 02 20.80488	00 34 50.67	+45 34 40.3	17.3 T	620
						C/2000 WM ₁	2001 02 20.81405	00 34 51.14	+45 34 38.0	17.3 T	620
						C/2000 WM ₁	2001 02 20.81861	00 34 51.40	+45 34 36.8	17.4 T	620

P/2000 WT ₁₆₈												
P/2000 WT ₁₆₈	2000 09 27.44500	07 20 05.44	+25 03 00.3	18.9 N	1	704	P/2000 WT ₁₆₈	2000 12 19.44520	08 45 56.07	+06 53 56.3	17.3 N	734
P/2000 WT ₁₆₈	2000 09 27.45602	07 20 06.51	+25 02 55.6	19.2 N	1	704	P/2000 WT ₁₆₈	2000 12 20.10045	08 45 57.40	+06 41 43.8		118
P/2000 WT ₁₆₈	2000 09 27.47806	07 20 08.71	+25 02 45.2	19.3 N	1	704	P/2000 WT ₁₆₈	2000 12 20.11222	08 45 57.39	+06 41 30.6		118
P/2000 WT ₁₆₈	2000 11 02.41761	08 12 44.72	+19 06 16.4	18.3 N	1	704	P/2000 WT ₁₆₈	2000 12 20.11560	08 45 57.38	+06 41 26.9	17.1 N	118
P/2000 WT ₁₆₈	2000 11 02.43164	08 12 45.73	+19 06 05.7	19.1 N	1	704	P/2000 WT ₁₆₈	2000 12 20.12014	08 45 57.36	+06 41 21.2		2 557
P/2000 WT ₁₆₈	2000 11 02.44524	08 12 46.76	+19 05 56.0	19.1 N	1	704	P/2000 WT ₁₆₈	2000 12 20.12378	08 45 57.37	+06 41 17.4		2 557
P/2000 WT ₁₆₈	2000 11 02.45895	08 12 47.76	+19 05 45.6	18.8 N	1	704	P/2000 WT ₁₆₈	2000 12 20.14122	08 45 57.34	+06 40 57.7		557
P/2000 WT ₁₆₈	2000 11 02.47255	08 12 48.79	+19 05 35.2	19.5 N	1	704	P/2000 WT ₁₆₈	2000 12 20.16132	08 45 57.33	+06 40 35.4	17.5 N	557
P/2000 WT ₁₆₈	2000 11 21.46119	08 32 46.15	+14 46 58.0	18.0 N	1	704	P/2000 WT ₁₆₈	2000 12 20.41117	08 45 57.72	+06 35 57.1		696
P/2000 WT ₁₆₈	2000 11 21.47578	08 32 46.90	+14 46 45.6	18.6 N	1	704	P/2000 WT ₁₆₈	2000 12 20.41517	08 45 57.72	+06 35 52.1		696
P/2000 WT ₁₆₈	2000 11 21.49112	08 32 47.69	+14 46 30.7	19.0 N	1	704	P/2000 WT ₁₆₈	2000 12 20.96422	08 45 57.88	+06 25 33.8	17.4 N	163
P/2000 WT ₁₆₈	2000 11 21.50627	08 32 48.38	+14 46 18.4	18.2 N	1	704	P/2000 WT ₁₆₈	2000 12 20.97032	08 45 57.90	+06 25 26.7		163
P/2000 WT ₁₆₈	2000 11 21.52250	08 32 49.18	+14 46 02.2	18.5 N	1	704	P/2000 WT ₁₆₈	2000 12 20.97943	08 45 57.92	+06 25 16.3		163
P/2000 WT ₁₆₈	2000 11 25.43730	08 35 58.21	+13 46 16.8	17.2 N		699	P/2000 WT ₁₆₈	2000 12 24.68137	08 45 41.38	+05 15 23.9	16.6 N	348
P/2000 WT ₁₆₈	2000 11 25.46254	08 35 59.19	+13 45 53.7			699	P/2000 WT ₁₆₈	2000 12 24.69781	08 45 41.19	+05 15 04.2		348
P/2000 WT ₁₆₈	2000 11 25.48778	08 36 00.30	+13 45 30.0			699	P/2000 WT ₁₆₈	2000 12 28.37371	08 44 57.13	+04 04 52.6	17.5 N	704
P/2000 WT ₁₆₈	2000 11 25.51305	08 36 01.44	+13 45 06.9			699	P/2000 WT ₁₆₈	2000 12 28.38854	08 44 56.84	+04 04 35.4	18.3 N	704
P/2000 WT ₁₆₈	2000 11 27.37208	08 37 22.96	+13 15 55.8	17.8 N		704	P/2000 WT ₁₆₈	2000 12 28.40353	08 44 56.56	+04 04 17.7	18.0 N	704
P/2000 WT ₁₆₈	2000 11 27.38660	08 37 23.51	+13 15 43.0	18.5 N		704	P/2000 WT ₁₆₈	2000 12 28.41871	08 44 56.28	+04 04 00.1	18.6 N	704
P/2000 WT ₁₆₈	2000 11 27.40111	08 37 24.07	+13 15 28.7	19.4 N		704	P/2000 WT ₁₆₈	2000 12 28.43352	08 44 56.03	+04 03 43.1	17.3 N	704
P/2000 WT ₁₆₈	2000 11 27.41562	08 37 24.68	+13 15 15.1	18.5 N		704	P/2000 WT ₁₆₈	2000 12 30.62969	08 44 16.91	+03 21 42.1		322
P/2000 WT ₁₆₈	2000 11 27.43014	08 37 25.26	+13 15 01.3	18.2 N		704	P/2000 WT ₁₆₈	2000 12 30.63543	08 44 16.78	+03 21 35.7		322
P/2000 WT ₁₆₈	2000 12 16.30311	08 45 38.82	+07 51 57.2	17.9 N		704	P/2000 WT ₁₆₈	2000 12 30.64038	08 44 16.67	+03 21 30.2		322
P/2000 WT ₁₆₈	2000 12 16.31874	08 45 38.87	+07 51 41.0	18.3 N		704	P/2000 WT ₁₆₈	2000 12 30.64792	08 44 16.49	+03 21 21.1		322
P/2000 WT ₁₆₈	2000 12 16.33460	08 45 39.08	+07 51 23.5	18.3 N		704	P/2000 WT ₁₆₈	2000 12 31.39086	08 44 00.56	+03 06 55.8		711
P/2000 WT ₁₆₈	2000 12 16.35047	08 45 39.11	+07 51 05.9	18.5 N		704	P/2000 WT ₁₆₈	2000 12 31.39577	08 44 00.43	+03 06 50.2		711
P/2000 WT ₁₆₈	2000 12 16.36563	08 45 39.24	+07 50 48.7	18.3 N		704	P/2000 WT ₁₆₈	2000 12 31.40037	08 44 00.33	+03 06 44.8		711
P/2000 WT ₁₆₈	2000 12 17.24517	08 45 46.29	+07 34 41.8	16.6 N		854	P/2000 WT ₁₆₈	2001 01 01.64471	08 43 31.99	+02 42 49.4		355
P/2000 WT ₁₆₈	2000 12 17.25133	08 45 46.20	+07 34 32.5	16.7 N		854	P/2000 WT ₁₆₈	2001 01 01.65221	08 43 31.76	+02 42 41.0	16.3 N	355
P/2000 WT ₁₆₈	2000 12 17.25393	08 45 46.11	+07 34 39.5			808	P/2000 WT ₁₆₈	2001 01 01.65498	08 43 31.72	+02 42 37.5		355
P/2000 WT ₁₆₈	2000 12 17.25630	08 45 46.06	+07 34 27.9	16.7 N		854	P/2000 WT ₁₆₈	2001 01 01.66066	08 43 31.56	+02 42 31.2		355
P/2000 WT ₁₆₈	2000 12 17.30035	08 45 46.29	+07 33 47.7			808	P/2000 WT ₁₆₈	2001 01 01.70118	08 43 30.45	+02 41 45.6		349
P/2000 WT ₁₆₈	2000 12 17.31910	08 45 46.40	+07 33 27.5			808	P/2000 WT ₁₆₈	2001 01 01.70275	08 43 30.40	+02 41 43.6		349
P/2000 WT ₁₆₈	2000 12 17.33021	08 45 46.48	+07 33 14.6			808	P/2000 WT ₁₆₈	2001 01 01.70506	08 43 30.36	+02 41 40.6		349
P/2000 WT ₁₆₈	2000 12 17.33854	08 45 46.51	+07 33 05.8			808	P/2000 WT ₁₆₈	2001 01 01.70659	08 43 30.34	+02 41 38.4	16.5 N	349
P/2000 WT ₁₆₈	2000 12 17.36574	08 45 46.85	+07 32 27.8	17.5 N		704	P/2000 WT ₁₆₈	2001 01 04.40671	08 42 18.36	+01 49 51.8	16.9 N	608
P/2000 WT ₁₆₈	2000 12 17.38087	08 45 46.89	+07 32 10.5	17.9 N		704	P/2000 WT ₁₆₈	2001 01 04.41886	08 42 17.96	+01 49 37.9	17.0 N	608
P/2000 WT ₁₆₈	2000 12 17.38288	08 45 46.92	+07 32 08.5	17.8 N		704	P/2000 WT ₁₆₈	2001 01 04.42898	08 42 17.64	+01 49 26.3	17.1 N	608
P/2000 WT ₁₆₈	2000 12 17.39602	08 45 46.93	+07 31 54.1	17.7 N		704	P/2000 WT ₁₆₈	2001 01 13.02969	08 37 01.66	-00 52 36.8	15.9 N	118
P/2000 WT ₁₆₈	2000 12 17.39790	08 45 46.99	+07 31 52.6	18.8 N		704	P/2000 WT ₁₆₈	2001 01 13.03578	08 37 01.40	-00 52 43.7		118
P/2000 WT ₁₆₈	2000 12 17.41115	08 45 47.05	+07 31 37.8	17.0 N		704	P/2000 WT ₁₆₈	2001 01 15.12226	08 35 27.53	-01 30 42.9	16.2 N	118
P/2000 WT ₁₆₈	2000 12 17.41358	08 45 47.14	+07 31 35.4	18.6 N		704	P/2000 WT ₁₆₈	2001 01 15.12926	08 35 27.19	-01 30 50.6		118
P/2000 WT ₁₆₈	2000 12 17.41897	08 45 46.98	+07 31 27.4			670	P/2000 WT ₁₆₈	2001 01 16.46138	08 34 24.76	-01 54 38.4	16.2 N	608
P/2000 WT ₁₆₈	2000 12 17.42628	08 45 47.13	+07 31 21.0	17.0 N		704	P/2000 WT ₁₆₈	2001 01 16.47193	08 34 24.21	-01 54 49.7	16.3 N	608
P/2000 WT ₁₆₈	2000 12 17.42971	08 45 47.15	+07 31 17.3	17.7 N		704	P/2000 WT ₁₆₈	2001 01 16.48191	08 34 23.69	-01 55 00.3	16.3 N	608
P/2000 WT ₁₆₈	2000 12 17.44541	08 45 47.23	+07 30 59.6	17.5 N		704	P/2000 WT ₁₆₈	2001 01 21.56151	08 30 06.71	-03 22 31.1	16.6 N	608
P/2000 WT ₁₆₈	2000 12 17.47903	08 45 47.27	+07 30 23.8			670	P/2000 WT ₁₆₈	2001 01 21.57153	08 30 06.17	-03 22 41.3	16.5 N	608
P/2000 WT ₁₆₈	2000 12 17.49698	08 45 47.30	+07 30 01.7	17.7 N		734	P/2000 WT ₁₆₈	2001 01 21.58173	08 30 05.58	-03 22 51.7	16.6 N	608
P/2000 WT ₁₆₈	2000 12 17.50369	08 45 47.37	+07 29 52.9	17.6 N		734	P/2000 WT ₁₆₈	2001 01 30.01687	08 22 27.83	-05 32 27.4	17.0 N	913
P/2000 WT ₁₆₈	2000 12 17.51668	08 45 47.47	+07 29 40.5	18.0 N		734	P/2000 WT ₁₆₈	2001 01 30.02898	08 22 27.06	-05 32 38.1	16.8 N	913
P/2000 WT ₁₆₈	2000 12 19.43130	08 45 56.11	+06 54 13.1	17.7 N		734	P/2000 WT ₁₆₈	2001 01 30.04410	08 22 26.20	-05 32 50.2	16.6 N	913
P/2000 WT ₁₆₈	2000 12 19.43550	08 45 56.09	+06 54 06.1	17.4 N		734	P/2000 WT ₁₆₈	2001 02 02.24475	08 19 32.74	-06 16 03.3	17.3 N	704
							P/2000 WT ₁₆₈	2001 02 02.25952	08 19 31.86	-06 16 14.2	17.4 N	704

P/2000 WT ₁₆₈	2001 02 02.27491	08 19 30.97	-06 16 25.8	17.5 N	704
P/2000 WT ₁₆₈	2001 02 02.29055	08 19 30.09	-06 16 38.1	17.6 N	704
P/2000 WT ₁₆₈	2001 02 02.30544	08 19 29.26	-06 16 49.3	17.6 N	704
P/2000 WT ₁₆₈	2001 02 03.18513	08 18 42.90	-06 28 00.9	17.6 N	739
P/2000 WT ₁₆₈	2001 02 03.18919	08 18 42.75	-06 28 03.9	17.5 N	739
P/2000 WT ₁₆₈	2001 02 03.20260	08 18 41.96	-06 28 14.5	17.6 N	739
P/2000 WT ₁₆₈	2001 02 03.23330	08 18 40.31	-06 28 35.7	17.8 N	704
P/2000 WT ₁₆₈	2001 02 03.24829	08 18 39.49	-06 28 47.3	16.4 N	704
P/2000 WT ₁₆₈	2001 02 03.26327	08 18 38.65	-06 28 58.2	16.2 N	704
P/2000 WT ₁₆₈	2001 02 03.27826	08 18 37.81	-06 29 09.9	16.1 N	704
P/2000 WT ₁₆₈	2001 02 03.29327	08 18 36.95	-06 29 21.3	16.2 N	704
P/2000 WT ₁₆₈	2001 02 08.97557	08 13 52.30	-07 34 14.7		118
P/2000 WT ₁₆₈	2001 02 08.98046	08 13 52.06	-07 34 18.3		118
P/2000 WT ₁₆₈	2001 02 10.81382	08 12 28.68	-07 52 36.8	16.8 N	151
P/2000 WT ₁₆₈	2001 02 10.81566	08 12 28.58	-07 52 38.0	17.1 N	151
P/2000 WT ₁₆₈	2001 02 10.81924	08 12 28.39	-07 52 40.3	16.8 N	151
P/2000 WT ₁₆₈	2001 02 10.82127	08 12 28.17	-07 52 42.9	16.5 N	151
P/2000 WT ₁₆₈	2001 02 10.90571	08 12 24.57	-07 53 29.3		952
P/2000 WT ₁₆₈	2001 02 10.90787	08 12 24.49	-07 53 30.6		952
P/2000 WT ₁₆₈	2001 02 10.92013	08 12 23.78	-07 53 37.2		952
P/2000 WT ₁₆₈	2001 02 10.92394	08 12 23.58	-07 53 40.0		952
P/2000 WT ₁₆₈	2001 02 11.82859	08 11 44.29	-08 02 11.0	17.0 N	104
P/2000 WT ₁₆₈	2001 02 11.83235	08 11 44.15	-08 02 12.9		104
P/2000 WT ₁₆₈	2001 02 11.83656	08 11 43.98	-08 02 15.0		104
P/2000 WT ₁₆₈	2001 02 11.84257	08 11 43.70	-08 02 18.2		104
P/2000 WT ₁₆₈	2001 02 12.12895	08 11 31.46	-08 04 55.5	17.0 N	739
P/2000 WT ₁₆₈	2001 02 12.13606	08 11 31.06	-08 05 00.0	16.7 N	739
P/2000 WT ₁₆₈	2001 02 12.14194	08 11 30.81	-08 05 03.3	16.8 N	739
P/2000 WT ₁₆₈	2001 02 13.30331	08 10 42.10	-08 15 23.4		693
P/2000 WT ₁₆₈	2001 02 13.30396	08 10 42.07	-08 15 23.8		693
P/2000 WT ₁₆₈	2001 02 13.30456	08 10 42.04	-08 15 24.0	16.3 N	693
P/2000 WT ₁₆₈	2001 02 13.49325	08 10 34.72	-08 16 52.4	16.9 N	428
P/2000 WT ₁₆₈	2001 02 13.50943	08 10 33.99	-08 17 00.8	17.0 N	428
P/2000 WT ₁₆₈	2001 02 14.78671	08 09 44.11	-08 27 53.4	16.6 N	046
P/2000 WT ₁₆₈	2001 02 14.78773	08 09 44.09	-08 27 53.8		046
P/2000 WT ₁₆₈	2001 02 14.78891	08 09 44.04	-08 27 54.5		046
P/2000 WT ₁₆₈	2001 02 14.79000	08 09 43.98	-08 27 55.6		046
P/2000 WT ₁₆₈	2001 02 14.79097	08 09 43.98	-08 27 55.6		046
P/2000 WT ₁₆₈	2001 02 14.79264	08 09 43.88	-08 27 56.2		046
P/2000 WT ₁₆₈	2001 02 14.79446	08 09 43.82	-08 27 57.1		046
P/2000 WT ₁₆₈	2001 02 14.79580	08 09 43.77	-08 27 58.0	16.5 N	046
P/2000 WT ₁₆₈	2001 02 14.80120	08 09 43.54	-08 28 00.5		046
P/2000 WT ₁₆₈	2001 02 14.98464	08 09 36.11	-08 29 29.6	16.3 N	046
P/2000 WT ₁₆₈	2001 02 14.98598	08 09 36.05	-08 29 30.2		046
P/2000 WT ₁₆₈	2001 02 14.98810	08 09 35.97	-08 29 31.1		046
P/2000 WT ₁₆₈	2001 02 14.98928	08 09 35.94	-08 29 31.8		046
P/2000 WT ₁₆₈	2001 02 14.99056	08 09 35.87	-08 29 32.3		046
P/2000 WT ₁₆₈	2001 02 15.83999	08 09 04.84	-08 36 14.6	16.3 N	046
P/2000 WT ₁₆₈	2001 02 15.84218	08 09 04.76	-08 36 15.5		046
P/2000 WT ₁₆₈	2001 02 15.84325	08 09 04.71	-08 36 16.1		046
P/2000 WT ₁₆₈	2001 02 15.84811	08 09 04.53	-08 36 18.4		046
P/2000 WT ₁₆₈	2001 02 16.89209	08 08 27.65	-08 44 10.6	16.3 T	046
P/2000 WT ₁₆₈	2001 02 16.89360	08 08 27.59	-08 44 11.3		046

P/2000 WT ₁₆₈	2001 02 16.89466	08 08 27.54	-08 44 11.8		046
P/2000 WT ₁₆₈	2001 02 16.89571	08 08 27.51	-08 44 12.4		046
P/2000 WT ₁₆₈	2001 02 16.89737	08 08 27.45	-08 44 13.0		046
P/2000 WT ₁₆₈	2001 02 16.89841	08 08 27.41	-08 44 13.4		046
P/2000 WT ₁₆₈	2001 02 17.15657	08 08 18.85	-08 46 04.4		675
P/2000 WT ₁₆₈	2001 02 17.15805	08 08 18.79	-08 46 05.0		675
P/2000 WT ₁₆₈	2001 02 17.15919	08 08 18.75	-08 46 05.5		675
P/2000 WT ₁₆₈	2001 02 17.87992	08 07 54.75	-08 51 15.9	16.7 T	473
P/2000 WT ₁₆₈	2001 02 17.88351	08 07 54.71	-08 51 16.6		473
P/2000 WT ₁₆₈	2001 02 17.88711	08 07 54.59	-08 51 18.7		473
P/2000 WT ₁₆₈	2001 02 17.89069	08 07 54.41	-08 51 20.6		473
P/2000 WT ₁₆₈	2001 02 17.89429	08 07 54.36	-08 51 23.3		473
P/2000 WT ₁₆₈	2001 02 17.90848	08 07 53.68	-08 51 27.7	17.0 T	473
P/2000 WT ₁₆₈	2001 02 18.85820	08 07 24.27	-08 57 55.2	16.4 T	106
P/2000 WT ₁₆₈	2001 02 18.86794	08 07 23.97	-08 57 59.0	16.5 T	106

C/2000 Y1 (Tubbiolo)

C/2000 Y1	2001 01 16.47813	03 20 58.82	+17 55 13.9	19.3 T	372
C/2000 Y1	2001 01 21.50881	03 19 08.12	+17 34 58.2	19.6 T	360
C/2000 Y1	2001 01 21.51326	03 19 07.99	+17 34 57.4		360
C/2000 Y1	2001 01 21.51863	03 19 07.94	+17 34 56.2		360

C/2000 Y2

C/2000 Y2	2001 01 18.63559	09 24 11.63	+00 33 41.4	17.9 T	372
C/2000 Y2	2001 01 20.64184	09 23 50.08	+00 37 17.9		372
C/2000 Y2	2001 01 21.66076	09 23 38.03	+00 39 26.5	17.7 T	372
C/2000 Y2	2001 02 10.83311	09 18 09.08	+01 59 03.9		201
C/2000 Y2	2001 02 10.85214	09 18 08.70	+01 59 10.3		201
C/2000 Y2	2001 02 10.87455	09 18 08.30	+01 59 17.6		201
C/2000 Y2	2001 02 19.56035	09 15 44.30	+02 51 11.3	18.2 T	608
C/2000 Y2	2001 02 19.57104	09 15 44.16	+02 51 14.7	17.6 T	608
C/2000 Y2	2001 02 19.58166	09 15 43.92	+02 51 18.4	17.6 T	608
C/2000 Y2	2001 02 20.34997	09 15 33.04	+02 56 10.7	16.6 T	608
C/2000 Y2	2001 02 20.36028	09 15 32.89	+02 56 14.8	16.6 T	608
C/2000 Y2	2001 02 20.37050	09 15 32.71	+02 56 18.6	16.6 T	608
C/2000 Y2	2001 02 22.24862	09 15 06.73	+03 08 29.2	17.5 T	704
C/2000 Y2	2001 02 22.26372	09 15 06.61	+03 08 36.4	17.7 T	704
C/2000 Y2	2001 02 22.27792	09 15 06.35	+03 08 42.2	18.3 T	704
C/2000 Y2	2001 02 22.29164	09 15 06.08	+03 08 47.7	18.5 T	704
C/2000 Y2	2001 02 22.30535	09 15 05.84	+03 08 53.6	17.7 T	704

P/2000 Y3 (Scotti)

P/2000 Y3	2001 01 06.47153	05 51 53.22	+26 20 00.7		341
P/2000 Y3	2001 01 06.48194	05 51 52.80	+26 20 00.5	18.0 T	341
P/2000 Y3	2001 01 06.49236	05 51 52.41	+26 19 59.9		341
P/2000 Y3	2001 01 21.51338	05 44 13.79	+26 11 29.5		349
P/2000 Y3	2001 01 21.51778	05 44 13.63	+26 11 27.8		349
P/2000 Y3	2001 01 21.53902	05 44 13.14	+26 11 26.4	17.8 T	349
P/2000 Y3	2001 01 21.57058	05 44 12.43	+26 11 26.5	17.7 T	360
P/2000 Y3	2001 01 21.57535	05 44 12.30	+26 11 26.4		360
P/2000 Y3	2001 01 21.57876	05 44 12.21	+26 11 26.3		360
P/2000 Y3	2001 02 22.83059	05 40 35.03	+25 49 56.0		170
P/2000 Y3	2001 02 27.79867	05 41 43.95	+25 47 11.7		118

P/2000 Y3	2001 02 27.80345	05 41 44.00	+25 47 11.7		118
P/2000 Y3	2001 02 27.81064	05 41 44.12	+25 47 11.3	17.9 T	118
C/2001 A1 (LINEAR)					
C/2001 A1	2001 01 17.61528	11 48 16.35	+41 43 44.0	16.3 T	348
C/2001 A1	2001 01 17.63542	11 48 14.70	+41 43 42.6		348
C/2001 A1	2001 01 18.78878	11 46 24.81	+41 40 59.2		349
C/2001 A1	2001 01 18.79456	11 46 24.17	+41 40 59.9		349
C/2001 A1	2001 01 18.79766	11 46 23.83	+41 40 58.7	16.6 T	349
C/2001 A1	2001 01 29.80639	11 26 29.25	+41 03 23.2		349
C/2001 A1	2001 01 29.81247	11 26 28.54	+41 03 22.6		349
C/2001 A1	2001 01 29.81548	11 26 28.09	+41 03 21.8	16.6 T	349
C/2001 A1	2001 02 02.72358	11 18 33.25	+40 43 01.4	16.4 T	360
C/2001 A1	2001 02 02.72612	11 18 32.93	+40 43 00.6		360
C/2001 A1	2001 02 02.73094	11 18 32.35	+40 42 58.4		360
C/2001 A1	2001 02 13.30808	10 56 01.90	+39 24 20.0	17.8 T	704
C/2001 A1	2001 02 13.32186	10 56 00.17	+39 24 12.9	18.0 T	704
C/2001 A1	2001 02 13.33566	10 55 58.35	+39 24 04.5	18.0 T	704
C/2001 A1	2001 02 13.34946	10 55 56.49	+39 23 57.6	18.2 T	704
C/2001 A1	2001 02 13.36327	10 55 54.72	+39 23 49.4	18.2 T	704
C/2001 A1	2001 02 13.92472	10 54 42.49	+39 18 35.4		127
C/2001 A1	2001 02 13.93029	10 54 41.78	+39 18 32.0		127
C/2001 A1	2001 02 14.96648	10 52 28.31	+39 08 40.8		127
C/2001 A1	2001 02 14.97865	10 52 26.72	+39 08 33.9		127
C/2001 A1	2001 02 15.17222	10 52 01.53	+39 06 43.9		950
C/2001 A1	2001 02 15.17535	10 52 01.11	+39 06 42.1		950
C/2001 A1	2001 02 15.17844	10 52 00.73	+39 06 40.3		950
C/2001 A1	2001 02 15.26635	10 51 49.75	+39 05 47.3	17.9 T	704
C/2001 A1	2001 02 15.28068	10 51 47.88	+39 05 38.7	18.1 T	704
C/2001 A1	2001 02 15.29458	10 51 46.04	+39 05 31.3	18.1 T	704
C/2001 A1	2001 02 15.30848	10 51 44.35	+39 05 23.1	18.3 T	704
C/2001 A1	2001 02 15.32266	10 51 42.31	+39 05 14.3	18.2 T	704
C/2001 A1	2001 02 15.95234	10 50 21.74	+38 58 59.1		127
C/2001 A1	2001 02 15.95716	10 50 21.14	+38 58 56.1		127
C/2001 A1	2001 02 17.09363	10 47 55.18	+38 47 18.9	17.6 T	170
C/2001 A1	2001 02 17.10020	10 47 54.40	+38 47 15.6	18.2 T	170
C/2001 A1	2001 02 20.20573	10 41 22.52	+38 13 29.7	18.1 T	750
C/2001 A1	2001 02 20.22698	10 41 19.73	+38 13 16.3	17.6 T	750
C/2001 A1	2001 02 22.96973	10 35 40.86	+37 40 56.8	18.1 T	170
C/2001 A2 (LINEAR)					
C/2001 A2	2001 01 17.45625	08 17 06.71	+11 52 43.1		341
C/2001 A2	2001 01 17.46250	08 17 05.98	+11 52 39.3	17.5 T	341
C/2001 A2	2001 01 17.46875	08 17 05.24	+11 52 34.2		341
C/2001 A2	2001 01 17.57618	08 16 52.91	+11 51 18.6		903
C/2001 A2	2001 01 17.58102	08 16 52.39	+11 51 15.6	17.5 T	903
C/2001 A2	2001 01 17.58488	08 16 51.98	+11 51 12.3		903
C/2001 A2	2001 01 17.59450	08 16 50.89	+11 51 05.2	17.3 T	348
C/2001 A2	2001 01 17.60318	08 16 49.92	+11 51 00.0		348
C/2001 A2	2001 01 17.68418	08 16 40.37	+11 50 02.8		349
C/2001 A2	2001 01 17.68716	08 16 39.98	+11 50 01.9		349
C/2001 A2	2001 01 17.69360	08 16 39.22	+11 49 57.4	17.1 T	349
C/2001 A2	2001 01 21.56170	08 09 00.96	+11 02 50.5	17.3 T	349
C/2001 A2	2001 01 21.56680	08 09 00.29	+11 02 45.5		349

C/2001 A2	2001 01 21.56943	08 09 00.04	+11 02 44.9		349
C/2001 A2	2001 01 21.65935	08 08 48.66	+11 01 36.0	16.8 T	360
C/2001 A2	2001 01 21.66311	08 08 48.19	+11 01 33.1		360
C/2001 A2	2001 01 24.55821	08 02 41.18	+10 24 17.2		900
C/2001 A2	2001 01 24.56935	08 02 39.75	+10 24 07.9	16.9 T	900
C/2001 A2	2001 02 02.63850	07 41 49.47	+08 17 13.9	16.6 T	360
C/2001 A2	2001 02 02.64613	07 41 48.40	+08 17 06.7		360
C/2001 A2	2001 02 02.65094	07 41 47.64	+08 17 03.1		360
C/2001 A2	2001 02 08.86969	07 26 41.94	+06 42 22.4		046
C/2001 A2	2001 02 08.87301	07 26 41.47	+06 42 19.4		046
C/2001 A2	2001 02 08.87405	07 26 41.33	+06 42 18.8		046
C/2001 A2	2001 02 08.87507	07 26 41.23	+06 42 18.1		046
C/2001 A2	2001 02 10.81088	07 21 58.02	+06 11 54.7		201
C/2001 A2	2001 02 10.81876	07 21 56.82	+06 11 46.6		201
C/2001 A2	2001 02 10.82880	07 21 55.42	+06 11 37.4		201
C/2001 A2	2001 02 11.76730	07 19 38.77	+05 56 45.5	16.3 T	473
C/2001 A2	2001 02 11.76919	07 19 38.26	+05 56 44.0		201
C/2001 A2	2001 02 11.77833	07 19 36.91	+05 56 35.6	16.1 T	473
C/2001 A2	2001 02 11.77924	07 19 36.79	+05 56 34.4		201
C/2001 A2	2001 02 11.78054	07 19 36.42	+05 56 32.5	16.2 T	473
C/2001 A2	2001 02 11.81221	07 19 31.93	+05 56 03.2		201
C/2001 A2	2001 02 13.82343	07 14 40.20	+05 23 59.2		127
C/2001 A2	2001 02 13.83230	07 14 38.88	+05 23 50.5		127
C/2001 A2	2001 02 14.86260	07 12 10.57	+05 07 18.9		127
C/2001 A2	2001 02 14.87103	07 12 09.33	+05 07 10.6		127
C/2001 A2	2001 02 15.80526	07 09 55.99	+04 52 10.1	16.7 T	106
C/2001 A2	2001 02 15.80785	07 09 55.69	+04 52 08.2	16.7 T	106
C/2001 A2	2001 02 15.81044	07 09 55.31	+04 52 05.9	16.5 T	106
C/2001 A2	2001 02 26.53554	06 46 03.16	+01 59 13.4		322
C/2001 A2	2001 02 26.55231	06 46 00.96	+01 58 56.8		322
C/2001 A2	2001 02 26.56867	06 45 58.88	+01 58 40.7		322
C/2001 B1 (LINEAR)					
C/2001 B1	2001 01 29.48427	03 18 07.34	-24 50 32.7	16.7 T	360
C/2001 B1	2001 01 29.48726	03 18 07.25	-24 50 27.9		360
C/2001 B1	2001 01 29.49152	03 18 07.08	-24 50 21.0		360
C/2001 B1	2001 02 12.53447	03 12 20.61	-19 03 53.3		322
C/2001 B1	2001 02 12.55936	03 12 20.30	-19 03 18.0		322
C/2001 B1	2001 02 26.52951	03 11 22.56	-13 58 45.9		322
C/2001 B1	2001 02 26.54683	03 11 22.89	-13 58 24.7		322
C/2001 B1	2001 02 26.55784	03 11 22.89	-13 58 09.6		322
C/2001 B2 (NEAT)					
C/2001 B2	2001 01 25.65105	12 04 05.37	-22 01 36.1		322
C/2001 B2	2001 01 25.66527	12 04 04.57	-22 01 32.7		322
C/2001 B2	2001 01 25.68090	12 04 03.85	-22 01 29.7		322
C/2001 B2	2001 01 27.75255	12 02 19.90	-21 52 50.6	15.9 T	428
C/2001 B2	2001 01 29.75711	12 00 35.62	-21 43 54.0		349
C/2001 B2	2001 01 29.76123	12 00 35.37	-21 43 52.9		349
C/2001 B2	2001 01 29.77300	12 00 34.75	-21 43 49.3		349
C/2001 B2	2001 01 29.77608	12 00 34.56	-21 43 49.2	15.8 T	349
C/2001 B2	2001 02 02.76628	11 56 56.17	-21 24 01.9	15.7 T	360
C/2001 B2	2001 02 02.76863	11 56 56.04	-21 24 01.0		360
C/2001 B2	2001 02 04.98240	11 54 48.87	-21 11 59.1	17.7 T	620

C/2001 C3	2001 02 03.72090	21 36 38.7	-18 49 44	249
Geocentric position (AU)	+0.00671982	-0.00482189	-0.00134634	
C/2001 C3	2001 02 03.73757	21 36 27.5	-18 47 42	249
Geocentric position (AU)	+0.00672315	-0.00481831	-0.00134495	
C/2001 C3	2001 02 03.77923	21 36 02.2	-18 42 46	249
Geocentric position (AU)	+0.00673148	-0.00480935	-0.00134149	
C/2001 C3	2001 02 03.82095	21 35 36.7	-18 37 49	249
Geocentric position (AU)	+0.00673981	-0.00480038	-0.00133802	
C/2001 C3	2001 02 03.86257	21 35 10.0	-18 32 50	249
Geocentric position (AU)	+0.00674810	-0.00479142	-0.00133456	
C/2001 C3	2001 02 03.88792	21 34 53.7	-18 29 50	249
Geocentric position (AU)	+0.00675315	-0.00478596	-0.00133245	
C/2001 C3	2001 02 03.90424	21 34 42.7	-18 27 48	249
Geocentric position (AU)	+0.00675639	-0.00478245	-0.00133110	
C/2001 C3	2001 02 03.92923	21 34 26.0	-18 24 43	249
Geocentric position (AU)	+0.00676136	-0.00477707	-0.00132902	
C/2001 C3	2001 02 03.97099	21 33 58.6	-18 19 40	249
Geocentric position (AU)	+0.00676965	-0.00476807	-0.00132555	
C/2001 C3	2001 02 03.98757	21 33 47.9	-18 17 37	249
Geocentric position (AU)	+0.00677294	-0.00476450	-0.00132418	
C/2001 C3	2001 02 04.01256	21 33 31.4	-18 14 37	249
Geocentric position (AU)	+0.00677789	-0.00475911	-0.00132210	
C/2001 C3	2001 02 04.02924	21 33 19.2	-18 12 30	249
Geocentric position (AU)	+0.00678119	-0.00475552	-0.00132072	
C/2001 C3	2001 02 04.07092	21 32 50.6	-18 07 26	249
Geocentric position (AU)	+0.00678943	-0.00474653	-0.00131726	
C/2001 C3	2001 02 04.09590	21 32 32.3	-18 04 17	249
Geocentric position (AU)	+0.00679436	-0.00474114	-0.00131518	
C/2001 C3	2001 02 04.11257	21 32 20.5	-18 02 09	249
Geocentric position (AU)	+0.00679765	-0.00473755	-0.00131380	
C/2001 C3	2001 02 04.13756	21 32 02.5	-17 59 03	249
Geocentric position (AU)	+0.00680258	-0.00473215	-0.00131172	
C/2001 C3	2001 02 04.15423	21 31 50.3	-17 56 53	249
Geocentric position (AU)	+0.00680587	-0.00472855	-0.00131034	
C/2001 C3	2001 02 04.17923	21 31 32.5	-17 53 43	249
Geocentric position (AU)	+0.00681079	-0.00472316	-0.00130827	
C/2001 C3	2001 02 04.22100	21 31 00.2	-17 48 22	249
Geocentric position (AU)	+0.00681900	-0.00471414	-0.00130480	
C/2001 C3	2001 02 04.23756	21 30 46.8	-17 46 24	249
Geocentric position (AU)	+0.00682226	-0.00471056	-0.00130343	
C/2001 C3	2001 02 04.26257	21 30 27.9	-17 42 55	249
Geocentric position (AU)	+0.00682717	-0.00470516	-0.00130135	
C/2001 C3	2001 02 04.27923	21 30 14.6	-17 40 44	249
Geocentric position (AU)	+0.00683043	-0.00470156	-0.00129997	
C/2001 C3	2001 02 04.32094	21 29 41.9	-17 35 16	249
Geocentric position (AU)	+0.00683861	-0.00469254	-0.00129651	
C/2001 C3	2001 02 04.34590	21 29 20.6	-17 31 48	249
Geocentric position (AU)	+0.00684349	-0.00468715	-0.00129444	
C/2001 C3	2001 02 04.36256	21 29 07.2	-17 29 44	249
Geocentric position (AU)	+0.00684675	-0.00468354	-0.00129306	
C/2001 C3	2001 02 04.38756	21 28 45.8	-17 26 27	249
Geocentric position (AU)	+0.00685163	-0.00467813	-0.00129099	

C/2001 C3	2001 02 04.40423	21 28 31.0	-17 24 09	249
Geocentric position (AU)	+0.00685489	-0.00467453	-0.00128961	
C/2001 C3	2001 02 04.44698	21 27 53.8	-17 18 22	249
Geocentric position (AU)	+0.00686322	-0.00466528	-0.00128606	
C/2001 C3	2001 02 04.47090	21 27 31.5	-17 15 29	249
Geocentric position (AU)	+0.00686788	-0.00466010	-0.00128408	
C/2001 C3	2001 02 04.48756	21 27 16.7	-17 12 26	249
Geocentric position (AU)	+0.00687113	-0.00465649	-0.00128270	
C/2001 C3	2001 02 04.51256	21 26 50.8	-17 09 16	249
Geocentric position (AU)	+0.00687599	-0.00465108	-0.00128063	
C/2001 C3	2001 02 04.52923	21 26 36.9	-17 06 33	249
Geocentric position (AU)	+0.00687923	-0.00464747	-0.00127925	
C/2001 C3	2001 02 04.57090	21 25 55.1	-17 00 55	249
Geocentric position (AU)	+0.00688732	-0.00463844	-0.00127580	
C/2001 C3	2001 02 04.59590	21 25 29.4	-16 56 58	249
Geocentric position (AU)	+0.00689216	-0.00463303	-0.00127373	
C/2001 C3	2001 02 04.61258	21 25 10.6	-16 54 37	249
Geocentric position (AU)	+0.00689540	-0.00462941	-0.00127235	
C/2001 C3	2001 02 04.63756	21 24 43.3	-16 50 55	249
Geocentric position (AU)	+0.00690023	-0.00462399	-0.00127028	
C/2001 C3	2001 02 04.65455	21 24 26.5	-16 48 15	249
Geocentric position (AU)	+0.00690352	-0.00462031	-0.00126887	
C/2001 C3	2001 02 04.67924	21 23 56.2	-16 44 22	249
Geocentric position (AU)	+0.00690829	-0.00461496	-0.00126683	
C/2001 C3	2001 02 04.69590	21 23 35.9	-16 42 06	249
Geocentric position (AU)	+0.00691151	-0.00461135	-0.00126545	
C/2001 C3	2001 02 04.72091	21 23 08.5	-16 37 39	249
Geocentric position (AU)	+0.00691633	-0.00460592	-0.00126338	
C/2001 C3	2001 02 04.73758	21 22 44.6	-16 35 47	249
Geocentric position (AU)	+0.00691955	-0.00460230	-0.00126200	
C/2001 C3	2001 02 04.81375	21 20 55.7	-16 22 25	249
Geocentric position (AU)	+0.00693422	-0.00458576	-0.00125570	
C/2001 C3	2001 02 04.82924	21 20 33.4	-16 20 00	249
Geocentric position (AU)	+0.00693719	-0.00458240	-0.00125442	

C/2001 C4 (SOHO)

C/2001 C4	2001 02 07.82091	21 41 54.6	-17 12 41	249
Geocentric position (AU)	+0.00748175	-0.00392672	-0.00101038	
C/2001 C4	2001 02 07.86256	21 41 22.7	-17 05 02	249
Geocentric position (AU)	+0.00748892	-0.00391751	-0.00100703	
C/2001 C4	2001 02 07.92923	21 40 20.7	-16 54 39	249
Geocentric position (AU)	+0.00750038	-0.00390278	-0.00100167	
C/2001 C4	2001 02 07.97099	21 39 41.6	-16 47 38	249
Geocentric position (AU)	+0.00750755	-0.00389355	-0.00099831	
C/2001 C4	2001 02 07.98757	21 39 23.6	-16 43 31	249
Geocentric position (AU)	+0.00751039	-0.00388988	-0.00099698	
C/2001 C4	2001 02 08.06295	21 38 10.7	-16 29 45	249
Geocentric position (AU)	+0.00752329	-0.00387321	-0.00099093	
C/2001 C4	2001 02 08.11020	21 37 14.9	-16 21 36	249
Geocentric position (AU)	+0.00753136	-0.00386276	-0.00098714	
C/2001 C4	2001 02 08.13756	21 36 47.4	-16 14 46	249
Geocentric position (AU)	+0.00753603	-0.00385671	-0.00098495	

C/2001 C4 2001 02 08.20425 21 35 22.9 -16 01 18 249
 Geocentric position (AU) +0.00754739 -0.00384194 -0.00097960
 C/2001 C4 2001 02 08.22961 21 34 47.6 -15 55 27 249
 Geocentric position (AU) +0.00755170 -0.00383633 -0.00097757
 C/2001 C4 2001 02 08.24591 21 34 25.3 -15 51 39 249
 Geocentric position (AU) +0.00755447 -0.00383272 -0.00097626
 C/2001 C4 2001 02 08.25423 21 34 12.8 -15 49 44 249
 Geocentric position (AU) +0.00755588 -0.00383088 -0.00097560

C/2001 C5 (SOHO)

C/2001 C5 2001 02 13.72122 21 41 09.6 -13 24 49 249
 Geocentric position (AU) +0.00839890 -0.00260451 -0.00054965
 C/2001 C5 2001 02 13.73756 21 41 15.4 -13 24 19 249
 Geocentric position (AU) +0.00840117 -0.00260079 -0.00054841
 C/2001 C5 2001 02 13.76256 21 41 25.4 -13 23 48 249
 Geocentric position (AU) +0.00840463 -0.00259510 -0.00054652
 C/2001 C5 2001 02 13.77923 21 41 35.4 -13 22 49 249
 Geocentric position (AU) +0.00840693 -0.00259131 -0.00054525
 C/2001 C5 2001 02 13.82092 21 41 58.9 -13 21 17 249
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 C/2001 C5 2001 02 13.86256 21 42 19.8 -13 20 10 249
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 C/2001 C5 2001 02 13.89593 21 42 37.4 -13 19 00 249
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 C/2001 C5 2001 02 13.90423 21 42 40.6 -13 18 36 249
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 C/2001 C5 2001 02 13.91256 21 42 47.3 -13 18 26 249
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 Geocentric position (AU) +0.00846089 -0.00250232 -0.00051584

C/2001 C6 (SOHO)

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 C/2001 C6 2001 02 13.90423 22 15 15.2 -15 31 24 249
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 C/2001 C6 2001 02 13.98756 22 14 14.5 -15 22 01 249
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 C/2001 C6 2001 02 14.01287 22 13 56.6 -15 19 06 249
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 C/2001 C6 2001 02 14.09590 22 12 52.6 -15 09 01 249
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 C/2001 C6 2001 02 14.11256 22 12 40.2 -15 07 12 249
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 C/2001 C6 2001 02 14.13757 22 12 18.3 -15 04 08 249
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 C/2001 C6 2001 02 14.15423 22 12 04.6 -15 02 04 249
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C/2001 C6	2001 02 14.23756	22 10 58.6	-14 51 39	249
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C/2001 C6	2001 02 14.26256	22 10 38.7	-14 48 39	249
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C/2001 C6	2001 02 14.27923	22 10 23.8	-14 46 28	249
Geocentric position (AU)	+0.00847535	-0.00247745	-0.00050737	
C/2001 C6	2001 02 14.32091	22 09 48.3	-14 41 19	249
Geocentric position (AU)	+0.00848098	-0.00246794	-0.00050422	
C/2001 C6	2001 02 14.34590	22 09 25.6	-14 37 52	249
Geocentric position (AU)	+0.00848436	-0.00246225	-0.00050234	
C/2001 C6	2001 02 14.36256	22 09 10.9	-14 35 43	249
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C/2001 C6	2001 02 14.38756	22 08 48.5	-14 32 22	249
Geocentric position (AU)	+0.00848997	-0.00245274	-0.00049919	
C/2001 C6	2001 02 14.40423	22 08 34.3	-14 30 24	249
Geocentric position (AU)	+0.00849222	-0.00244894	-0.00049793	
C/2001 C6	2001 02 14.43063	22 08 08.5	-14 26 46	249
Geocentric position (AU)	+0.00849577	-0.00244292	-0.00049594	
C/2001 C6	2001 02 14.44590	22 07 53.9	-14 24 36	249
Geocentric position (AU)	+0.00849782	-0.00243944	-0.00049478	
C/2001 C6	2001 02 14.47090	22 07 31.1	-14 21 09	249
Geocentric position (AU)	+0.00850118	-0.00243373	-0.00049290	
C/2001 C6	2001 02 14.48756	22 07 13.5	-14 18 50	249
Geocentric position (AU)	+0.00850341	-0.00242993	-0.00049164	
C/2001 C6	2001 02 14.51256	22 06 48.4	-14 15 17	249
Geocentric position (AU)	+0.00850676	-0.00242422	-0.00048975	
C/2001 C6	2001 02 14.52923	22 06 32.7	-14 12 57	249
Geocentric position (AU)	+0.00850899	-0.00242042	-0.00048849	
C/2001 C6	2001 02 14.57090	22 05 48.1	-14 07 03	249
Geocentric position (AU)	+0.00851456	-0.00241091	-0.00048535	
C/2001 C6	2001 02 14.59590	22 05 22.1	-14 03 18	249
Geocentric position (AU)	+0.00851790	-0.00240520	-0.00048347	
C/2001 C6	2001 02 14.61256	22 05 03.6	-14 00 50	249
Geocentric position (AU)	+0.00852012	-0.00240139	-0.00048221	
C/2001 C6	2001 02 14.63756	22 04 35.8	-13 56 54	249
Geocentric position (AU)	+0.00852345	-0.00239569	-0.00048032	
C/2001 C6	2001 02 14.65423	22 04 17.9	-13 54 24	249
Geocentric position (AU)	+0.00852567	-0.00239188	-0.00047907	
C/2001 C6	2001 02 14.67923	22 03 46.9	-13 50 34	249
Geocentric position (AU)	+0.00852900	-0.00238617	-0.00047718	
C/2001 C6	2001 02 14.69590	22 03 27.5	-13 48 12	249
Geocentric position (AU)	+0.00853121	-0.00238236	-0.00047593	
C/2001 C6	2001 02 14.72090	22 02 54.9	-13 44 31	249
Geocentric position (AU)	+0.00853453	-0.00237665	-0.00047404	
C/2001 C6	2001 02 14.73756	22 02 35.0	-13 40 55	249
Geocentric position (AU)	+0.00853674	-0.00237285	-0.00047279	
C/2001 C6	2001 02 14.77923	22 01 40.6	-13 34 27	249
Geocentric position (AU)	+0.00854226	-0.00236333	-0.00046965	
C/2001 C6	2001 02 14.81375	22 00 48.4	-13 27 59	249
Geocentric position (AU)	+0.00854682	-0.00235543	-0.00046705	

C/2001 C6	2001 02 14.82923	22 00 25.8	-13 25 13	249
Geocentric position (AU)	+0.00854887	-0.00235189	-0.00046588	
C/2001 C6	2001 02 14.83756	22 00 12.5	-13 23 39	249
Geocentric position (AU)	+0.00854997	-0.00234999	-0.00046526	
C/2001 C6	2001 02 14.85423	21 59 46.2	-13 20 31	249
Geocentric position (AU)	+0.00855217	-0.00234618	-0.00046400	

P/2001 CV₈ (LINEAR)

P/2001 CV ₈	2001 02 01.34987	10 58 18.71	+15 47 43.3	19.0 N	704
P/2001 CV ₈	2001 02 01.36473	10 58 18.23	+15 47 43.4	19.2 N	704
P/2001 CV ₈	2001 02 01.37958	10 58 17.82	+15 47 41.5	18.6 N	704
P/2001 CV ₈	2001 02 01.39445	10 58 17.32	+15 47 39.8	18.8 N	704
P/2001 CV ₈	2001 02 02.31948	10 57 54.79	+15 46 54.9	18.5 N	704
P/2001 CV ₈	2001 02 02.33438	10 57 54.23	+15 46 53.1	18.7 N	704
P/2001 CV ₈	2001 02 02.34928	10 57 53.75	+15 46 52.0	18.6 N	704
P/2001 CV ₈	2001 02 02.37910	10 57 52.97	+15 46 51.0	18.8 N	704
P/2001 CV ₈	2001 02 03.38275	10 57 26.48	+15 46 03.3	18.8 N	704
P/2001 CV ₈	2001 02 03.39758	10 57 26.03	+15 46 00.3	19.6 N	704
P/2001 CV ₈	2001 02 03.41254	10 57 25.53	+15 46 00.6	19.1 N	704
P/2001 CV ₈	2001 02 03.42737	10 57 25.08	+15 45 59.1	19.5 N	704
P/2001 CV ₈	2001 02 04.24641	10 57 02.60	+15 45 20.7		673
P/2001 CV ₈	2001 02 04.25243	10 57 02.50	+15 45 20.1		673
P/2001 CV ₈	2001 02 05.26669	10 56 32.75	+15 44 31.5	17.7 N	682
P/2001 CV ₈	2001 02 05.30581	10 56 31.26	+15 44 31.7	17.1 N	682
P/2001 CV ₈	2001 02 05.39913	10 56 28.24	+15 44 26.5	18.4 N	704
P/2001 CV ₈	2001 02 05.41377	10 56 27.67	+15 44 26.0	19.1 N	704
P/2001 CV ₈	2001 02 05.44303	10 56 26.76	+15 44 23.9	18.8 N	704
P/2001 CV ₈	2001 02 05.45766	10 56 26.25	+15 44 23.1	19.4 N	704
P/2001 CV ₈	2001 02 06.24340	10 56 02.16	+15 43 46.1	17.3 T	850
P/2001 CV ₈	2001 02 06.29132	10 56 00.79	+15 43 44.6	17.4 T	850
P/2001 CV ₈	2001 02 10.94659	10 53 17.55	+15 40 07.7	16.5 T	046
P/2001 CV ₈	2001 02 10.95477	10 53 17.13	+15 40 07.6		046
P/2001 CV ₈	2001 02 10.95699	10 53 17.06	+15 40 06.0		046
P/2001 CV ₈	2001 02 10.96037	10 53 16.91	+15 40 07.3		046
P/2001 CV ₈	2001 02 10.96147	10 53 16.82	+15 40 07.1		046
P/2001 CV ₈	2001 02 10.96256	10 53 16.76	+15 40 05.8	16.6 T	046
P/2001 CV ₈	2001 02 12.61144	10 52 12.47	+15 38 52.2		322
P/2001 CV ₈	2001 02 12.62412	10 52 11.59	+15 38 52.0		322
P/2001 CV ₈	2001 02 12.63730	10 52 11.15	+15 38 50.8		322
P/2001 CV ₈	2001 02 14.25388	10 51 04.46	+15 37 19.4	17.1 T	912
P/2001 CV ₈	2001 02 14.27441	10 51 03.61	+15 37 18.5	17.1 T	912
P/2001 CV ₈	2001 02 14.29484	10 51 02.74	+15 37 16.4	17.3 T	912
P/2001 CV ₈	2001 02 14.94648	10 50 35.61	+15 36 39.3		611
P/2001 CV ₈	2001 02 14.95319	10 50 35.30	+15 36 38.3		611
P/2001 CV ₈	2001 02 15.04683	10 50 31.00	+15 36 32.3	17.8 T	106
P/2001 CV ₈	2001 02 15.06947	10 50 30.07	+15 36 31.9	18.4 T	106
P/2001 CV ₈	2001 02 15.09237	10 50 29.02	+15 36 30.9	18.3 T	106
P/2001 CV ₈	2001 02 15.11425	10 50 28.21	+15 36 32.3		950
P/2001 CV ₈	2001 02 15.11730	10 50 28.07	+15 36 32.0		950
P/2001 CV ₈	2001 02 15.93034	10 49 53.10	+15 35 41.9	16.5 T	473
P/2001 CV ₈	2001 02 15.93436	10 49 52.93	+15 35 42.0		473
P/2001 CV ₈	2001 02 15.93796	10 49 52.75	+15 35 42.6	16.4 T	473
P/2001 CV ₈	2001 02 15.94155	10 49 52.75	+15 35 41.3	16.7 T	473

65P	2001 02 13.29111	07 46 27.73	+31 31 18.2	19.2 T	704	110P	2001 01 21.50010	03 38 28.21	+27 06 51.9	15.1 T	360	
65P	2001 02 13.30604	07 46 27.14	+31 31 17.7	19.3 T	704	110P	2001 01 21.50252	03 38 28.29	+27 06 51.0		360	
	70P/Kojima						110P	2001 01 24.53212	03 40 11.62	+26 51 59.4	900	
70P	2001 02 17.38190	13 19 32.71	+00 46 11.7	18.5 T	704	110P	2001 01 24.54326	03 40 11.97	+26 51 57.0	14.7 T	900	
70P	2001 02 17.40997	13 19 32.60	+00 46 20.6	19.6 T	704	110P	2001 02 09.88479	03 53 30.25	+25 50 25.6	16.1 T	170	
70P	2001 02 17.43811	13 19 32.57	+00 46 29.7	19.0 T	704	110P	2001 02 09.88990	03 53 30.58	+25 50 24.7	16.0 T	170	
	73P/Schwassmann-Wachmann 3						110P	2001 02 16.74904	04 00 51.77	+25 32 34.5	118	
73P-C	2001 01 01.86899	17 06 38.76	-21 08 36.6	10.9 T	349	110P	2001 02 16.75221	04 00 51.97	+25 32 33.9		118	
73P-C	2001 01 01.86991	17 06 38.99	-21 08 37.1		349	110P	2001 02 16.75507	04 00 52.18	+25 32 33.7	15.2 T	118	
73P-C	2001 01 01.87115	17 06 39.42	-21 08 39.4		349	110P	2001 02 17.09026	04 01 15.16	+25 31 49.0	17.1 T	704	
73P-C	2001 01 01.87177	17 06 39.61	-21 08 40.4		349	110P	2001 02 17.10413	04 01 16.17	+25 31 46.3	17.5 T	704	
	74P/Smirnova-Chernykh						110P	2001 02 17.11802	04 01 17.12	+25 31 44.9	18.1 T	704
74P	2001 02 02.38151	12 05 50.23	+08 38 10.9	15.1 T	699	110P	2001 02 17.13304	04 01 18.23	+25 31 42.0	17.4 T	704	
74P	2001 02 02.41170	12 05 50.07	+08 38 15.6		699	110P	2001 02 17.14859	04 01 19.36	+25 31 40.2	18.1 T	704	
74P	2001 02 02.44288	12 05 49.85	+08 38 21.1		699	110P	2001 02 19.07669	04 03 33.96	+25 27 21.8	17.2 T	750	
74P	2001 02 02.47339	12 05 49.59	+08 38 26.5		699	110P	2001 02 19.08660	04 03 34.66	+25 27 21.0	17.4 T	750	
74P	2001 02 17.37268	12 01 28.18	+09 33 48.0	17.1 T	704	110P	2001 02 19.09942	04 03 35.50	+25 27 19.5	17.4 T	750	
74P	2001 02 17.38678	12 01 27.73	+09 33 54.4	19.4 T	704	110P	2001 02 19.12803	04 03 37.58	+25 27 16.1	17.3 T	750	
74P	2001 02 17.40083	12 01 27.33	+09 33 56.5	19.7 T	704	110P	2001 02 19.16882	04 03 40.78	+25 27 12.4		642	
74P	2001 02 17.41485	12 01 26.94	+09 34 00.4	18.8 T	704	110P	2001 02 19.18475	04 03 41.85	+25 27 10.0		642	
74P	2001 02 17.42896	12 01 26.43	+09 34 05.1	18.3 T	704	110P	2001 02 19.80971	04 04 26.49	+25 25 49.5	16.5 T	170	
74P	2001 02 20.43272	12 00 07.89	+09 46 46.1	16.8 T	704	110P	2001 02 20.06948	04 04 44.97	+25 25 17.0	17.4 T	750	
74P	2001 02 20.44672	12 00 07.45	+09 46 52.3	17.5 T	704	110P	2001 02 20.08274	04 04 45.91	+25 25 15.2	17.2 T	750	
74P	2001 02 20.46063	12 00 07.08	+09 46 54.7	18.7 T	704	110P	2001 02 20.09165	04 04 46.53	+25 25 13.9	16.9 T	750	
74P	2001 02 20.47481	12 00 06.47	+09 47 00.6	17.3 T	704	110P	2001 02 27.11625	04 13 38.89	+25 12 09.2	16.8 T	750	
74P	2001 02 21.34306	11 59 42.22	+09 50 44.0	15.0 T	699	110P	2001 02 27.13335	04 13 40.25	+25 12 07.7	16.8 T	750	
74P	2001 02 21.36192	11 59 41.72	+09 50 48.3		699	110P	2001 02 27.17384	04 13 43.44	+25 12 03.7	17.3 T	750	
74P	2001 02 21.38079	11 59 41.35	+09 50 52.6		699	110P	2001 03 01.11582	04 16 19.38	+25 08 56.5	17.2 T	704	
74P	2001 02 21.39972	11 59 40.81	+09 50 57.9		699	110P	2001 03 01.12986	04 16 20.46	+25 08 56.3	17.7 T	704	
74P	2001 02 23.05690	11 58 52.91	+09 58 09.0	16.2 T	170	110P	2001 03 01.14384	04 16 21.62	+25 08 53.8	17.3 T	704	
74P	2001 02 23.06321	11 58 52.71	+09 58 10.4	16.1 T	170	110P	2001 03 01.15775	04 16 22.77	+25 08 52.8	16.9 T	704	
						110P	2001 03 01.17169	04 16 23.87	+25 08 50.2	17.6 T	704	
	110P/Hartley 3						145P/Shoemaker-Levy 5					
110P	2000 11 24.63117	03 55 12.84	+33 55 38.5	15.0 T	900	145P	2000 11 23.66267	05 45 55.76	+38 17 01.0		900	
110P	2000 11 24.64230	03 55 12.24	+33 55 34.7		900	145P	2000 11 23.67031	05 45 55.35	+38 17 03.6	16.7 T	900	
110P	2000 11 28.57989	03 51 49.11	+33 31 27.8	14.9 T	900	145P	2000 11 25.70185	05 44 24.50	+38 31 41.7	16.9 T	402	
110P	2000 11 28.59453	03 51 48.29	+33 31 22.5		900	145P	2000 11 25.70588	05 44 24.32	+38 31 43.6		402	
110P	2000 12 01.59849	03 49 17.32	+33 11 19.7		900	145P	2001 02 16.90058	05 18 13.60	+37 35 48.8	18.4 T	587	
110P	2000 12 01.61313	03 49 16.59	+33 11 14.3		900	145P	2001 02 16.91632	05 18 14.35	+37 35 45.4	2	587	
110P	2000 12 02.61341	03 48 27.48	+33 04 16.1	15.5 T	402		148P/Anderson-LINEAR					
110P	2000 12 02.61917	03 48 27.18	+33 04 13.3		402	148P	2000 09 26.32277	00 49 48.36	-01 07 04.4	18.5 T	699	
110P	2000 12 16.57981	03 38 48.53	+31 17 28.5		402	148P	2000 09 26.34123	00 49 47.41	-01 07 10.2		699	
110P	2000 12 16.58615	03 38 48.26	+31 17 25.5		402	148P	2000 09 26.35968	00 49 46.48	-01 07 16.8		699	
110P	2000 12 22.56821	03 36 03.51	+30 29 24.5	14.8 T	900	148P	2000 09 26.37813	00 49 45.58	-01 07 22.7		699	
110P	2000 12 22.57935	03 36 03.25	+30 29 19.2		900		149P/Mueller 4					
110P	2001 01 06.45003	03 33 50.16	+28 37 17.9		349	149P	1992 04 27.29236	14 03 28.46	+29 56 59.0		261	
110P	2001 01 06.45157	03 33 50.16	+28 37 18.3		349	149P	1992 04 27.35139	14 03 26.59	+29 57 11.6		261	
110P	2001 01 06.45317	03 33 50.20	+28 37 17.5		349	149P	2001 01 27.77639	14 03 27.68	+11 14 55.3	19.8 T	372	
110P	2001 01 16.58199	03 36 13.33	+27 33 23.4	15.4 T	348	149P	2001 01 27.79653	14 03 29.08	+11 15 05.4		372	
110P	2001 01 16.61332	03 36 13.96	+27 33 12.7		348							
110P	2001 01 17.51311	03 36 35.83	+27 28 08.7	14.6 T	900							
110P	2001 01 17.52075	03 36 35.97	+27 28 05.9		900							

Note 1: precovery observation. 2: involved with star.

OBSERVATIONS OF NATURAL SATELLITES

Observations are published here for the following observatory codes:

- 309 Cerro Paranal. ESO CLT UT-1 reflector + CCD. Observer B. Gladman.
 568 Mauna Kea. 2.2-m University of Hawaii reflector + CCD. Observers S. S. Sheppard and D. C. Jewitt. Measured by S. S. Sheppard.
 704 Lincoln Laboratory Experimental Test System, New Mexico. 1.0-m $f/2.15$ reflector + CCD. Observers M. Blythe, F. Shelly, M. Bezpalko, M. Elowitz and R. Huber. Measurers J. Stuart, R. Sayer, J. B. Evans and H. Vigg.
 950 La Palma. Nordic 2.56-m reflector + CCD. Observers K. Aksnes, T. Grav and M. Holman.

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	N Obs.
S/1975 J 1	2001 02 14.85163	03 59 19.18	+19 43 58.7			950
S/1975 J 1	2001 02 14.85869	03 59 19.34	+19 43 58.8			950
S/1975 J 1	2001 02 14.86515	03 59 19.50	+19 43 59.0			950
S/2000 J 7	2001 02 16.25432	04 03 38.94	+20 02 19.0	22.0 R		568
S/2000 J 7	2001 02 16.29925	04 03 39.55	+20 02 19.8			568
S/2000 J 9	2001 02 14.86194	04 06 52.42	+20 30 44.4			950
S/2000 J 9	2001 02 14.86833	04 06 52.52	+20 30 44.7			950
S/2000 J 9	2001 02 16.26811	04 07 14.80	+20 31 38.8			568
S/2000 J 9	2001 02 16.31860	04 07 15.61	+20 31 40.6			568
S/2000 J 10	2001 02 16.27464	04 06 49.14	+20 27 15.8			568
S/2000 J 10	2001 02 16.32522	04 06 49.84	+20 27 18.5			568
S/2000 S 7	2001 02 24.05658	03 27 59.67	+16 46 18.5			309
S/2000 S 7	2001 02 24.02668	03 27 59.26	+16 46 16.4			309
Jupiter VI	2001 02 19.09603	03 58 19.54	+19 26 55.6	16.7		704
Jupiter VI	2001 02 19.10988	03 58 19.83	+19 26 56.5	16.7		704
Jupiter VI	2001 02 19.12375	03 58 20.13	+19 26 57.9	16.7		704
Jupiter VI	2001 02 19.13761	03 58 20.42	+19 26 59.1	17.1		704
Jupiter VI	2001 02 19.15149	03 58 20.72	+19 27 00.0	16.7		704
Jupiter VIII	2001 02 19.09535	03 53 23.69	+18 45 32.5	18.2		704
Jupiter VIII	2001 02 19.10921	03 53 23.95	+18 45 34.1	18.2		704
Jupiter VIII	2001 02 19.12308	03 53 24.23	+18 45 35.2	18.7		704
Jupiter VIII	2001 02 19.13694	03 53 24.44	+18 45 37.0	18.7		704
Jupiter VIII	2001 02 19.15082	03 53 24.78	+18 45 38.3	18.0		704
Jupiter VIII	2001 02 20.14122	03 53 43.65	+18 47 14.5	18.7		704
Jupiter VIII	2001 02 20.15511	03 53 43.95	+18 47 15.8	18.6		704
Jupiter VIII	2001 02 20.16900	03 53 44.22	+18 47 17.2	18.5		704
Jupiter VIII	2001 02 20.18290	03 53 44.43	+18 47 18.2	18.6		704
Jupiter VIII	2001 02 20.19679	03 53 44.80	+18 47 20.1	18.6		704
Jupiter VIII	2001 02 22.09691	03 54 23.20	+18 50 32.2	18.8		704
Jupiter VIII	2001 02 22.11072	03 54 23.51	+18 50 33.1	19.2		704
Jupiter VIII	2001 02 22.12454	03 54 23.80	+18 50 34.8	19.1		704
Jupiter VIII	2001 02 22.13836	03 54 24.19	+18 50 36.7	19.0		704
Jupiter VIII	2001 02 22.15220	03 54 24.46	+18 50 37.0	18.8		704
Jupiter XI	2001 02 19.09589	03 53 13.62	+19 56 58.0	17.7		704
Jupiter XI	2001 02 19.10974	03 53 13.95	+19 56 59.5	18.3		704
Jupiter XI	2001 02 19.12361	03 53 14.21	+19 56 59.7	18.3		704
Jupiter XI	2001 02 19.13748	03 53 14.49	+19 57 01.1	18.4		704
Jupiter XI	2001 02 19.15136	03 53 14.73	+19 57 02.0	18.2		704
Jupiter XI	2001 02 22.11126	03 54 16.51	+20 00 10.5	17.0		704
Jupiter XI	2001 02 22.12508	03 54 16.79	+20 00 11.2	17.2		704

Jupiter XI	2001 02 22.13890	03 54 17.14	+20 00 12.1	17.1	704
Jupiter XI	2001 02 22.15274	03 54 17.40	+20 00 13.6	17.7	704

RADAR OBSERVATIONS

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

Object	Date	UTC	Doppler/Hz	Delay/ μ s	MHz	B	Tx/Rc
2001 CP ₃₆	2001 02 20 025000	-	8110.79 \pm 0.07			2380	S 251/251
2001 CP ₃₆	2001 02 20 032100			12430619.42 \pm 0.10	2380	C	251/251
2001 CP ₃₆	2001 02 20 042900			12452765.88 \pm 0.10	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

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

Observers C. Pollas, D. Albanese
 Measurer E. W. Elst
 0.9-m Schmidt telescope

1994 BZ₄, 2, 1, 0; 1997 TD₁₉, 2, 1, 0; 1998 AR₄, 3, 1, 0; 1998 HK₄₃, 3, 1, 0; 1998 HZ₁₅₃, 1, 1, 0; 1998 MD₃₂, 3, 1, 0; 1998 QK₅₄, 3, 1, 0; 1998 SN₆₂, 3, 1, 0; 1999 AZ₇, 3, 1, 0; 1999 NO₁₈, 3, 1, 0; 1999 RB₉₉, 1, 1, 0; 1999 RG₁₂₉, 3, 1, 0; 1999 TN₄₀, 2, 1, 0; 1999 TW₂₁₃, 3, 1, 0; 2000 DB₁₅, 3, 1, 0; 2000 DH₇₄, 3, 1, 0; 2000 SL₂₂₅, 3, 1, 0; 2000 UN₉₀, 2, 1, 0; 2000 YZ₃₂, 3, 1, 0; [49, 19, 0*, 1992/07/27-1996/08/09]

012 Uccle

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

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

Observers E. W. Elst, H. Debehogne, T. Pauwels
 Measurer E. W. Elst, T. Pauwels
 0.85-m $f/2.5$ Schmidt + CCD
 GSC-1.2

{1} 1991 PE₆, 4, 1, 0; 1993 BT₁₄, 4, 1, 0; 1994 PK₈, 3, 1, 0; 1996 FM₂, 2, 1, 0; 1997 TD₁₉, 2, 1, 0; 1998 RP₃₇, 2, 1, 0; 1999 NB₈, 2, 1, 0; 2000 AG₈₉, 3, 1, 0; 2000 CT₁, 2, 1, 0; 2000 CS₄₇, 3, 1, 0; 2000 CN₇₇, 4, 1, 0; 2000 DK₅₆, 4, 1, 0; 2000 DV₆₆, 4, 1, 0; 2000 EX₁₀, 4, 1, 0; 2000 EW₁₂₈, 4, 1, 0; 2000 EC₁₃₃, 4, 1, 0; 2000 EB₁₅₄, 4, 1, 0; 2001 BY₁₄, 2, 1, 0; 2001 BK₁₅, 2, 1, 0; 2001 BH₂₈, 2, 1, 0; 2001 BJ₅₉, 2, 1, 0; 2001 CB₃₆, 2, 1, 0; 2001 DC₂₇, 7, 2, 3; (1157), 2, 1, 0; (1162), 4, 2, 2; (3378), 4, 2, 2; (4449), 4, 2, 2; (7898), 2, 1, 0; (9952), 4, 1, 0; (13975), 2, 1, 0; (14022), 2, 1, 0; [96, 31, 0*, 1999/11/01-2001/02/15]

{2} 1991 GW₁₀, 3, 1, 0; 1991 PX₆, 5, 1, 0; 1995 SH₄, 5, 1, 0; 1995 VX₄, 4, 1, 0; 1999 RP₅₅, 5, 1, 0; 1999 RD₁₃₈, 5, 1, 0; 1999 TF₁₉, 5, 1, 0; 1999 UF₃, 5, 1, 0; 1999 VU₅₃, 5, 1, 0; 2000 WD₄₈, 2, 1, 0; 2000 YM₈, 9, 2, 33; 2000 YL₈₄, 2, 1, 0; 2001 BS₁₅, 5, 1, 0; 2001 BB₂₀, 5, 1, 0; 2001 CM₇, 5, 1, 0; 2001 DB₁₁, 5, 1, 0; 2001 DC₁₁, 5, 1, 0; 2001 DP₅₂, 5, 1, 0; (3075), 4, 1, 0; (4463), 4, 1, 0; (16657), 5, 1, 0; [98, 21, 0*, 1999/10/18-2001/02/15]

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

1998 DA₂₁, 2, 1, 0; 1998 QA₆₉, 2, 1, 0; 1998 TB₃₄, 2, 1, 0; 1998 VT₂₇, 2, 1, 0; 1999 JY₆₆, 2, 1, 0; 2000 AB₅₆, 2, 1, 0; 2001 AJ₁₃, 2, 1, 0; [14, 7, 0*, 1993/11/12–1995/03/24]

046 Kleť

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

Observers J. Tichá, M. Tichý, M. Kočer, H. Znachorová

Measurer M. Tichý

0.57-m $f/5.2$ reflector + CCD

USNO-A2.0

GA CR 205/98/0266

1980 AB, 6, 2, 1; 1986 SH, 3, 1, 0; 1986 TV₃, 6, 2, 3; 1986 XD₅, 6, 2, 3; 1988 TR₂, 9, 2, 1; 1990 TG₁, 4, 1, 0; 1992 RW₂, 3, 1, 0; 1996 TM₉, 6, 2, 1; 1997 AK₁₈, 6, 2, 1; 1997 CW₁, 4, 1, 0; 1997 TB₁₂, 7, 2, 3; 1998 FF₇₇, 7, 2, 1; 1998 GO₁, 13, 4, 12; 1998 HX, 4, 1, 0; 1998 HN₄₉, 9, 2, 4; 1998 KZ₄₅, 3, 1, 0; 1998 SN₂₆, 6, 2, 1; 1998 SX₁₄₆, 3, 1, 0; 1998 TJ₆, 4, 1, 0; 1999 NA, 6, 2, 10; 1999 PY, 4, 1, 0; 1999 RZ₁₀₄, 16, 2, 1; 1999 RQ₂₁₆, 4, 1, 0; 1999 SR₂, 10, 3, 13; 1999 TF, 11, 2, 1; 1999 TB₈₃, 3, 1, 0; 1999 TN₁₈₉, 4, 1, 0; 1999 WF₁, 6, 2, 1; 1999 WN₁, 3, 1, 0; 2000 AO₁₈₇, 8, 2, 9; 2000 EE₁₄, 10, 2, 1; 2000 EE₁₀₄, 13, 2, 1; 2000 FM₁₀, 8, 1, 0; 2000 OY₂₁, 4, 1, 0; 2000 RW₃₇, 5, 1, 0; 2000 SH₈, 11, 2, 1; 2000 SS₁₆₄, 5, 1, 0; 2000 WK₆₃, 3, 1, 0; 2000 XK₄₄, 6, 1, 0; 2000 YR₁₁, 3, 1, 0; 2000 YG₂₉, 5, 1, 0; 2000 YG₁₂₁, 3, 1, 0; 2001 AH₄₅, 9, 2, 10; 2001 BE₁₀, 4, 1, 0; 2001 BC₁₅, 5, 1, 0; 2001 BW₁₅, 4, 1, 0; 2001 BY₁₅, 7, 1, 0; 2001 BJ₁₆, 5, 1, 0; 2001 BU₂₇, 12, 2, 1; 2001 BO₆₁, 4, 1, 0; 2001 CN₁₈, 12, 2, 1; 2001 CC₂₁, 6, 1, 0; 2001 CB₃₂, 9, 2, 15; 2001 CC₃₂, 5, 1, 0; 2001 CD₃₂, 5, 1, 0; 2001 CK₃₂, 6, 1, 0; 2001 CL₃₂ *, 22, 4, 13; 2001 CM₃₂ *, 26, 6, 15; 2001 CN₃₂ *, 21, 4, 13; 2001 CU₃₅, 6, 1, 0; 2001 CP₃₆, 10, 1, 0; 2001 CQ₃₆, 5, 1, 0; 2001 CK₃₇ *, 13, 3, 11; 2001 CL₃₇ *, 19, 3, 12; 2001 CJ₄₂, 12, 2, 1; 2001 CK₄₂, 5, 1, 0; 2001 CL₄₂, 5, 1, 0; 2001 DA *, 19, 4, 12; 2001 DN₈, 4, 1, 0; 2001 DC₁₅, 6, 1, 0; 2001 DT₄₁, 3, 1, 0; 2001 DF₄₇, 6, 1, 0; 2001 DD₇₇, 5, 1, 0; 2001 DE₈₀ *, 8, 2, 9; 2001 DF₈₀, 7, 2, 1; 2001 DG₈₀, 6, 1, 0; 2001 DK₈₀, 5, 1, 0; (832), 4, 1, 0; (1620), 3, 1, 0; (5535), 3, 1, 0; (5710), 3, 1, 0; (12890), 4, 1, 0; (15415), 3, 1, 0; (20116), 4, 1, 0; (22089), 4, 1, 0; [594, 85, 7*, 1999/07/21–2001/03/01]

049 Kvistaberg

C.-I. Lagerkvist, Uppsala Astronomical Observatory, Box 5515, 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

1992 DG, 3, 1, 0; 1992 NF, 3, 1, 0; 1994 RX₈, 3, 1, 0; 1998 FT₆₅, 3, 1, 0; 1998 HG₄₀, 3, 1, 0; 1998 KY₈, 3, 1, 0; 1998 NH, 3, 1, 0; 1998 OL₈, 3, 1, 0; 1998 QG₉, 3, 1, 0; 1998 QF₃₉, 3, 1, 0; 1999 JT₇₆, 3, 1, 0; 1999 RF₃₄, 3, 1, 0; 1999 RL₆₇, 3, 1, 0; 1999 RO₁₁₀, 3, 1, 0; 1999 RY₁₅₉, 3, 1, 0; 1999 TO₁₄, 3, 1, 0; 1999 TU₂₉₀, 3, 1, 0; 1999 UQ₃₆, 3, 1, 0; 1999 VE₂₃, 3, 1, 0; 1999 VR₃₃, 3, 1, 0; 1999 VQ₈₅, 3, 1, 0; 1999 WB₆, 3, 1, 0; 1999 XT₁₂, 3, 1, 0; 1999 XS₂₅, 3, 1, 0; 1999 XN₁₀₂, 3, 1, 0; 1999 XG₁₂₀, 3, 1, 0; 1999 XP₂₃₀, 3, 1, 0; 2000 AH₁₇₇, 3, 1, 0; 2000 AX₁₉₃, 3, 1, 0; 2000 BU₂₂, 3, 1, 0; 2000 SJ₂₉₀, 3, 1, 0; 2000 SO₂₉₀, 3, 1, 0; 2000 UG₁, 3, 1, 0; 2000 VN₁, 3, 1, 0; 2000 WM₇₂, 3, 1, 0; 2000 YV₆₂, 3, 1, 0; 2000 YV₁₂₂, 3, 1, 0; 2001 AT₅, 3, 1, 0; 2001 AZ₁₄, 3, 1, 0; 2001 AO₄₄, 3, 1, 0; 2001 BR₁₄, 3, 1, 0; 2001 BB₃₂, 3, 1, 0; 2001 BF₆₈, 3, 1, 0; 2001 BS₇₃ *, 3, 1, 0; 2001 BT₇₃ *, 3, 1, 0; 2001 BU₇₃ *, 3, 1, 0; 2001 BV₇₃ *, 3, 1, 0; 2001 BW₇₃ *, 3, 1, 0; 2001 BX₇₃ *, 3, 1, 0; 2001 BY₇₃ *, 3, 1, 0; 2001 BZ₇₃ *, 3, 1, 0; 2001 CL, 3, 1, 0; 2001 CE₄, 3, 1, 0; 2001 CX₄, 3, 1, 0; 2001 CY₄, 3, 1, 0; 2001 CD₈, 3, 1, 0; 2001 CH₈, 3, 1, 0; 2001 CN₈, 3, 1, 0; 2001 CO₈, 3, 1, 0; 2001 CL₉, 3, 1, 0; 2001 CA₁₉, 3, 1, 0; 2001 CO₄₂, 3, 1, 0; 2001 DS₁₇, 3, 1, 0; 2001 DT₂₈, 3, 1, 0; (646), 3, 1, 0; (1018), 3, 1, 0; (1235), 3, 1, 0; (1354), 3, 1, 0; (1362),

3, 1, 0; (1607), 3, 1, 0; (1611), 3, 1, 0; (1648), 3, 1, 0; (1794), 3, 1, 0; (1855), 3, 1, 0; (2112), 3, 1, 0; (2163), 3, 1, 0; (2505), 3, 1, 0; (2587), 3, 1, 0; (2882), 3, 1, 0; (3034), 3, 1, 0; (3262), 3, 1, 0; (3315), 3, 1, 0; (4141), 6, 2, 19; (4290), 3, 1, 0; (4299), 3, 1, 0; (4582), 3, 1, 0; (4727), 3, 1, 0; (4803), 3, 1, 0; (5652), 3, 1, 0; (5915), 3, 1, 0; (7428), 3, 1, 0; (7517), 3, 1, 0; (7819), 3, 1, 0; (7895), 3, 1, 0; (8407), 3, 1, 0; (8647), 3, 1, 0; (8730), 3, 1, 0; (9108), 3, 1, 0; (9310), 3, 1, 0; (9607), 3, 1, 0; (11463), 3, 1, 0; (11489), 3, 1, 0; (11727), 3, 1, 0; (11897), 3, 1, 0; (11944), 3, 1, 0; (12026), 3, 1, 0; (12258), 3, 1, 0; (12546), 3, 1, 0; (12625), 3, 1, 0; (12931), 3, 1, 0; (13125), 3, 1, 0; (13297), 3, 1, 0; (13322), 3, 1, 0; (14744), 3, 1, 0; (17446), 3, 1, 0; (17493), 9, 3, 19; (17591), 3, 1, 0; (18042), 3, 1, 0; (18172), 9, 3, 7; (18479), 3, 1, 0; (18508), 3, 1, 0; (18531), 3, 1, 0; (19356), 3, 1, 0; (19691), 3, 1, 0; (19971), 3, 1, 0; (19994), 3, 1, 0; (20078), 3, 1, 0; (20181), 3, 1, 0; (20271), 3, 1, 0; (20325), 3, 1, 0; (20366), 4, 1, 0; (20429), 6, 2, 2; (20550), 3, 1, 0; (20780), 5, 1, 0; (20790), 3, 1, 0; (20856), 3, 1, 0; (20963), 3, 1, 0; (20991), 3, 1, 0; (21279), 3, 1, 0; (21583), 3, 1, 0; (21833), 3, 1, 0; (21883), 3, 1, 0; [447, 142, 8*, 2000/09/24–2001/02/27]

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 V. Ivanova, B. Bilkina, Z. Donchov, G. Borisov, E. W. Elst

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

0.50-m $f/1.4$ Schmidt + CCD

GSC-1.1

Partial support from Space Frontier Foundation Grant

{1} 1990 TG₁, 3, 1, 0; 2000 BD₁₉, 5, 1, 0; 2000 CK₃₃, 3, 1, 0; 2000 OJ₈, 3, 1, 0; 2000 QN₁₃₀, 3, 1, 0; 2000 SB₁, 6, 2, 32; 2000 SS₁₆₄, 3, 1, 0; 2000 WT₁₆₈, 3, 1, 0; 2000 XH₄₄, 3, 1, 0; 2000 YK₂₉, 8, 2, 1; (19356), 3, 1, 0; [43, 11, 0*, 2000/12/25–2001/01/26]

{3} 1988 DC₂, 3, 1, 0; 2000 YJ₁₀₆, 2, 1, 0; [5, 2, 0*, 1988/01/18–1988/01/19]

095 Crimean Astrophysical Observatory

N. S. Chernykh, Crimean Astrophysical Observatory, Nauchnyj, Crimea UA-98409,
Ukraine [nik@crao.crimea.ua]

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

Observers V. V. Rumyantsev, N. S. Chernykh, L. I. Chernykh

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

PPM

2000 YT₁₀₁, 2, 1, 0; (20849), 1, 1, 0; (21479), 2, 1, 0; [5, 3, 0*, 1992/08/31–1996/11/12]

098 Asiago Observatory, Cima Ekar

U. Munari, Osservatorio Astronomico di Padova, Sede di Asiago, I-36012 Asiago
(VI), Italy [munari@astras.pd.astro.it]

Observers U. Munari, F. Castellani, M. Tombelli, P. Antolini

Measurers F. Castellani, M. Tombelli, G. Forti

0.67-m $f/3.2$ Schmidt

1999 RU₁₁, 2, 1, 0; 1999 XT₁₇₀, 2, 1, 0; 1999 XS₁₈₀, 2, 1, 0; [6, 3, 0*, 1994/12/03–1998/10/15]

104 San Marcello Pistoiese

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

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

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

0.40-m $f/5$ reflector + CCD

USNO-A1.0, USNO-A2.0

1994 ES, 3, 1, 0; 1994 WX, 5, 2, 2; 1998 CF₂, 3, 1, 0; 1998 MG₃, 3, 1, 0; 1998 OA₁, 3, 1, 0; 1999 ST₉, 7, 2, 25; 1999 TZ₅, 3, 1, 0; 1999 VV₁₁, 6, 2, 5; 1999 WC₉, 3, 1, 0; 1999 XL₄₄, 3, 1, 0; 2000 WB₅₅, 4, 1, 0; 2001 BW₁₅, 3, 1, 0; 2001 CZ₂₃, 3, 1, 0; 2001 CB₃₂, 4, 1, 0; 2001 CD₃₂,

4, 1, 0; 2001 CP₃₆, 4, 1, 0; 2001 DQ₈, 4, 1, 0; (20321), 6, 1, 0; (20790), 3, 1, 0; [74, 19, 0*, 1994/04/08-2001/02/21]

106 Črni vrh

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

Observer J. Skvarč, S. Maticič

0.36-m *f*/6.7 Schmidt-Cassegrain + CCD, 0.19-m *f*/4 Schmidt-Cassegrain + CCD
USNO-A2.0

1978 VN₁₀, 6, 2, 1; 1979 MQ₂, 3, 1, 0; 1981 DR₃, 5, 2, 8; 1982 YM₁, 3, 1, 0; 1983 QR, 2, 1, 0; 1985 CD₂, 6, 2, 2; 1987 BB₂, 3, 1, 0; 1989 GV₆, 3, 1, 0; 1989 SK₄, 3, 1, 0; 1990 TY₁, 3, 1, 0; 1990 TU₄, 3, 1, 0; 1991 RQ₉, 3, 1, 0; 1992 OM₆, 3, 1, 0; 1992 PF, 12, 3, 5; 1992 UA₆, 3, 1, 0; 1993 FA₉, 3, 1, 0; 1993 FN₂₄, 6, 2, 1; 1993 TG₁₈, 3, 1, 0; 1993 TF₃₄, 6, 2, 12; 1994 PN₅, 3, 1, 0; 1994 PE₂₅, 2, 1, 0; 1994 TN₁, 3, 1, 0; 1995 TO₁, 3, 1, 0; 1995 WM₄, 3, 1, 0; 1996 BW₂, 3, 1, 0; 1996 CJ₂, 3, 1, 0; 1996 GC₂, 5, 2, 5; 1996 HL₂₀, 3, 1, 0; 1996 VV₄, 3, 1, 0; 1996 VR₅, 3, 1, 0; 1996 VU₁₇, 3, 1, 0; 1996 WS₂, 9, 3, 2; 1996 XO₁₅, 3, 1, 0; 1996 XU₁₉, 12, 3, 5; 1996 YZ, 3, 1, 0; 1996 YL₃, 2, 1, 0; 1997 AG₄, 2, 1, 0; 1997 CP₁, 3, 1, 0; 1997 EA₃₆, 3, 1, 0; 1997 GK₁₆, 3, 1, 0; 1997 QE₁, 3, 1, 0; 1998 DC₁₄, 9, 3, 6; 1998 EL₂, 3, 1, 0; 1998 FS₁, 3, 1, 0; 1998 FY₄₁, 3, 1, 0; 1998 FQ₅₉, 2, 1, 0; 1998 FP₇₇, 3, 1, 0; 1998 FK₇₈, 5, 1, 0; 1998 FE₁₁₄, 3, 1, 0; 1998 HU₃₂, 3, 1, 0; 1998 HR₃₄, 3, 1, 0; 1998 HC₁₄₉, 3, 1, 0; 1998 JE, 3, 1, 0; 1998 JF₃, 3, 1, 0; 1998 KU, 3, 1, 0; 1998 KF₄₀, 3, 1, 0; 1998 KQ₅₂, 15, 3, 2; 1998 KH₅₄, 2, 1, 0; 1998 LF₂, 3, 1, 0; 1998 MG₃, 3, 1, 0; 1998 MS₃₁, 3, 1, 0; 1998 OG₉, 3, 1, 0; 1998 OG₁₂, 3, 1, 0; 1998 OB₁₃, 27, 6, 5; 1998 QZ₉, 9, 3, 2; 1998 QV₉, 3, 1, 0; 1998 QZ₂₄, 3, 1, 0; 1998 QX₃₃, 6, 2, 1; 1998 QR₃₈, 3, 1, 0; 1998 QZ₄₅, 6, 1, 0; 1998 QJ₄₉, 3, 1, 0; 1998 RA₅, 2, 1, 0; 1998 SQ₆, 3, 1, 0; 1998 SO₁₃, 6, 2, 10; 1998 TD₃, 3, 1, 0; 1999 NU₄, 9, 3, 6; 1999 NR₇, 8, 3, 6; 1999 NB₉, 9, 3, 4; 1999 OB, 3, 1, 0; 1999 PP₃, 3, 1, 0; 1999 QP₂, 3, 1, 0; 1999 RM₁, 3, 1, 0; 1999 RQ₁₄, 9, 3, 4; 1999 RV₂₂, 9, 3, 2; 1999 RZ₂₄, 3, 1, 0; 1999 RP₂₇, 3, 1, 0; 1999 RQ₄₅, 3, 1, 0; 1999 RA₅₂, 3, 1, 0; 1999 RH₅₂, 3, 1, 0; 1999 RR₇₄, 3, 1, 0; 1999 RX₈₀, 3, 1, 0; 1999 RT₉₆, 3, 1, 0; 1999 RM₉₈, 9, 2, 4; 1999 RQ₁₁₄, 8, 3, 12; 1999 RB₁₁₈, 3, 1, 0; 1999 RL₁₁₉, 3, 1, 0; 1999 RJ₁₂₅, 3, 1, 0; 1999 RL₁₂₇, 3, 1, 0; 1999 RE₁₃₀, 3, 1, 0; 1999 RX₁₄₄, 3, 1, 0; 1999 RT₁₅₁, 3, 1, 0; 1999 RS₁₅₃, 3, 1, 0; 1999 RS₁₇₁, 9, 3, 5; 1999 RP₁₈₂, 3, 1, 0; 1999 RE₁₈₅, 3, 1, 0; 1999 RB₁₉₆, 3, 1, 0; 1999 RB₁₉₈, 2, 1, 0; 1999 RE₂₀₁, 3, 1, 0; 1999 RZ₂₀₅, 3, 1, 0; 1999 RK₂₁₁, 3, 1, 0; 1999 RG₂₂₄, 3, 1, 0; 1999 RR₂₄₂, 3, 1, 0; 1999 SL₄, 3, 1, 0; 1999 TS₁, 3, 1, 0; 1999 TH₄, 3, 1, 0; 1999 TU₆, 3, 1, 0; 1999 TE₇, 3, 1, 0; 1999 TY₁₀, 2, 1, 0; 1999 TX₁₂, 3, 1, 0; 1999 TN₂₅, 3, 1, 0; 1999 TQ₂₆, 6, 2, 1; 1999 TO₃₂, 3, 1, 0; 1999 TF₃₆, 3, 1, 0; 1999 TP₃₈, 3, 1, 0; 1999 TU₅₂, 3, 1, 0; 1999 TB₈₁, 3, 1, 0; 1999 TC₈₅, 3, 1, 0; 1999 TM₁₀₃, 6, 1, 0; 1999 TU₁₀₄, 2, 1, 0; 1999 TE₁₀₇, 3, 1, 0; 1999 TW₁₂₆, 3, 1, 0; 1999 TN₁₂₇, 3, 1, 0; 1999 TW₁₂₈, 6, 2, 4; 1999 TS₁₅₃, 3, 1, 0; 1999 TO₁₅₅, 3, 1, 0; 1999 TR₁₆₅, 3, 1, 0; 1999 TV₁₇₅, 3, 1, 0; 1999 TK₁₇₈, 3, 1, 0; 1999 TL₁₈₅, 3, 1, 0; 1999 TL₁₉₂, 9, 3, 2; 1999 TP₁₉₂, 2, 1, 0; 1999 TZ₁₉₄, 3, 1, 0; 1999 TO₁₉₅, 3, 1, 0; 1999 TW₁₉₆, 3, 1, 0; 1999 TE₂₀₀, 6, 2, 1; 1999 TD₂₀₃, 3, 1, 0; 1999 TO₂₀₅, 3, 1, 0; 1999 TB₂₁₆, 12, 2, 1; 1999 TY₂₁₆, 3, 1, 0; 1999 TP₂₁₇, 3, 1, 0; 1999 TW₂₄₅, 3, 1, 0; 1999 TB₂₆₂, 8, 3, 5; 1999 TE₂₈₄, 3, 1, 0; 1999 TX₂₈₈, 3, 1, 0; 1999 UG₂, 3, 1, 0; 1999 UR₄, 3, 1, 0; 1999 UE₉, 3, 1, 0; 1999 UZ₁₀, 3, 1, 0; 1999 UB₃₉, 2, 1, 0; 1999 UF₄₅, 2, 1, 0; 1999 UQ₄₆, 3, 1, 0; 1999 VR₁₂, 3, 1, 0; 1999 VD₁₅, 3, 1, 0; 1999 VW₁₆, 3, 1, 0; 1999 VW₁₉, 3, 1, 0; 1999 VB₂₂, 5, 2, 10; 1999 VC₂₉, 2, 1, 0; 1999 VR₂₉, 3, 1, 0; 1999 VV₃₃, 3, 1, 0; 1999 VH₅₀, 3, 1, 0; 1999 VU₅₃, 3, 1, 0; 1999 VU₅₅, 3, 1, 0; 1999 VD₆₀, 2, 1, 0; 1999 VY₆₁, 3, 1, 0; 1999 VO₆₃, 3, 1, 0; 1999 VP₈₇, 3, 1, 0; 1999 VP₁₀₆, 3, 1, 0; 1999 VD₁₆₄, 6, 2, 1; 1999 VD₁₈₆, 3, 1, 0; 1999 VY₁₉₅, 3, 1, 0; 1999 WX₈, 3, 1, 0; 1999 XF₄, 2, 1, 0; 1999 XH₇, 3, 1, 0; 1999 XT₁₁, 3, 1, 0; 1999 XM₁₃, 6, 2, 1; 1999 XF₁₈, 3, 1, 0; 1999 XH₂₀, 3, 1, 0; 1999 XK₂₂, 3, 1, 0; 1999 XE₂₅, 3, 1, 0; 1999 XJ₃₆, 6, 2, 1; 1999 XE₃₇, 9, 2, 1; 1999 XF₃₇, 3, 1, 0; 1999 XK₃₇, 3, 1, 0; 1999 XL₄₄, 6, 1, 0; 1999 XX₅₃, 3, 1, 0; 1999 XT₅₉, 6, 2, 1; 1999 XJ₇₀, 6, 2, 1; 1999 XF₇₁, 3, 1, 0; 1999 XH₁₀₀, 3, 1, 0; 1999 XW₁₁₃, 3, 1, 0; 1999 XD₁₁₄, 3, 1, 0; 1999 XR₁₁₈, 2, 1, 0; 1999 XA₁₅₄, 3, 1, 0; 1999 XR₁₇₁, 3, 1, 0; 1999 XN₁₈₄, 6, 2, 1; 1999 XG₂₁₄, 3, 1, 0; 1999 XM₂₃₀, 6, 2, 11; 1999 XP₂₃₃, 3, 1, 0; 1999 XN₂₃₆, 2, 1, 0; 2000 AR₅₁, 6, 2, 1; 2000 AZ₅₁, 3, 1, 0; 2000 AM₉₂, 3, 1, 0; 2000 AD₁₀₂, 3, 1, 0; 2000 AU₁₀₂, 3, 1, 0; 2000 AB₁₄₉, 3, 1, 0; 2000 AD₁₇₇, 1, 1, 0; 2000 AZ₁₇₇, 2, 1, 0; 2000 AW₁₈₃, 9, 2, 1; 2000 AU₁₈₆, 6, 2, 6; 2000 AW₁₈₆, 3, 1, 0; 2000 AX₁₉₉, 3, 1, 0; 2000 EN₂₀₁, 3, 1, 0; 2000 HJ₃₉, 3, 1, 0; 2000 QW₁₈₁, 3, 1, 0; 2000 RE₁₁₁, 3, 1, 0; 2000 RQ₂₁, 3, 1, 0; 2000 SE₂₉₄, 3, 1, 0; 2000 ST₃₁₉, 3, 1, 0; 2000 UN₄₀, 3, 1, 0; 2000 VK₁, 3, 1, 0; 2000 VN₁, 3, 1, 0; 2000 VE₂, 3, 1, 0; 2000 VR₃₆, 3, 1, 0; 2000 VY₃₆, 3, 1, 0; 2000 VJ₄₇, 3, 1, 0; 2000 WX₈, 6, 1, 0; 2000 WF₂₇, 3, 1, 0; 2000 WJ₄₁, 3, 1, 0; 2000 WV₄₈, 2, 1, 0; 2000 WZ₄₈, 3, 1, 0; 2000 WJ₄₉, 3, 1, 0; 2000 WL₄₉, 3, 1, 0; 2000 WP₅₅, 3, 1, 0; 2000 WX₆₁, 3, 1, 0; 2000 WM₇₂, 3, 1, 0; 2000 WZ₈₇, 3, 1, 0; 2000 WS₈₈, 3, 1, 0; 2000 WC₁₄₅, 3, 1, 0; 2000 WB₁₆₅, 3, 1, 0; 2000 WR₁₆₈, 3, 1, 0; 2000 WX₁₆₈, 3, 1, 0; 2000 WA₁₆₉, 3, 1, 0; 2000 XR₇, 2, 1, 0; 2000 XU₉, 3, 1, 0; 2000 XL₁₃, 3, 1, 0; 2000 XR₁₃, 3, 1, 0; 2000 XK₁₈, 3, 1, 0; 2000 XJ₃₈, 3, 1, 0; 2000 XU₄₄, 3, 1, 0; 2000 XU₄₉, 3, 1, 0; 2000 XH₅₀, 6, 1, 0; 2000 YZ₁₅, 2, 1, 0; 2000 YF₁₆, 3, 1, 0; 2000 YH₁₈, 2, 1, 0; 2000 YV₂₆, 2, 1, 0; 2000 YQ₂₉, 6, 2, 3; 2000 YW₂₉, 3, 1, 0; 2000 YX₃₃, 3, 1, 0; 2000 YS₃₄, 3, 1, 0; 2000 YL₃₃, 3, 1, 0; 2000 YU₆₇, 3, 1, 0; 2000 YN₆₈, 3, 1, 0; 2000 YQ₆₈, 3, 1, 0; 2000 YR₆₈, 6, 2, 1; 2000 YU₆₈, 6, 2, 1; 2000 YN₉₇, 1, 1, 0; 2000 YH₉₈, 1, 1, 0; 2000 YN₉₈, 3, 1, 0; 2000 YM₁₀₁, 3, 1, 0; 2000 YZ₁₀₂, 3, 1, 0; 2000 YG₁₀₃, 3, 1, 0; 2000 YX₁₀₃, 3, 1, 0; 2000 YQ₁₁₅, 3, 1, 0; 2000 YU₁₁₆, 3, 1, 0; 2000 YZ₁₁₆, 2, 1, 0;

2000 YB₁₁₇, 3, 1, 0; 2000 YH₁₁₈, 3, 1, 0; 2000 YO₁₂₀, 3, 1, 0; 2000 YR₁₂₀, 3, 1, 0; 2000 YU₁₂₀, 3, 1, 0; 2000 YG₁₂₁, 3, 1, 0; 2000 YH₁₂₁, 3, 1, 0; 2000 YS₁₃₁, 3, 1, 0; 2000 YO₁₃₄, 3, 1, 0; 2001 AU, 3, 1, 0; 2001 AV, 3, 1, 0; 2001 AW₁, 3, 1, 0; 2001 AO₂, 3, 1, 0; 2001 AT₅, 2, 1, 0; 2001 AM₁₃, 2, 1, 0; 2001 AZ₁₅, 3, 1, 0; 2001 AO₁₆, 3, 1, 0; 2001 AT₁₆, 3, 1, 0; 2001 AU₁₆, 3, 1, 0; 2001 AV₁₆, 3, 1, 0; 2001 AW₁₆, 3, 1, 0; 2001 AD₁₇, 21, 5, 11; 2001 AE₁₇, 3, 1, 0; 2001 AF₁₇, 3, 1, 0; 2001 AH₁₇, 12, 4, 6; 2001 AJ₁₇, 3, 1, 0; 2001 AK₂₅, 3, 1, 0; 2001 AL₂₅, 3, 1, 0; 2001 AS₃₈, 2, 1, 0; 2001 AR₄₁, 3, 1, 0; 2001 AS₄₃, 3, 1, 0; 2001 AQ₄₄, 3, 1, 0; 2001 AZ₄₄, 3, 1, 0; 2001 AA₄₅, 3, 1, 0; 2001 AE₄₅, 3, 1, 0; 2001 AF₄₅, 6, 2, 3; 2001 AG₄₅, 3, 1, 0; 2001 AZ₅₁, 3, 1, 0; 2001 BA, 3, 1, 0; 2001 BD, 3, 1, 0; 2001 BF, 2, 1, 0; 2001 BO, 3, 1, 0; 2001 BV, 3, 1, 0; 2001 BL₂, 3, 1, 0; 2001 BY₄, 3, 1, 0; 2001 BF₉, 3, 1, 0; 2001 BH₉, 3, 1, 0; 2001 BJ₁₀, 3, 1, 0; 2001 BT₁₃, 3, 1, 0; 2001 BN₁₄, 6, 2, 5; 2001 BO₁₄, 3, 1, 0; 2001 BQ₁₄, 3, 1, 0; 2001 BS₁₄, 3, 1, 0; 2001 BV₁₄, 6, 2, 1; 2001 BX₁₄, 3, 1, 0; 2001 BZ₁₄, 3, 1, 0; 2001 BD₁₅, 3, 1, 0; 2001 BF₁₅, 3, 1, 0; 2001 BH₁₅, 3, 1, 0; 2001 BN₁₅, 3, 1, 0; 2001 BQ₁₅, 3, 1, 0; 2001 BS₁₅, 3, 1, 0; 2001 BV₁₅, 6, 2, 1; 2001 BE₂₅, 3, 1, 0; 2001 BM₂₈, 3, 1, 0; 2001 BP₂₈, 3, 1, 0; 2001 BS₂₈, 3, 1, 0; 2001 BY₂₈, 3, 1, 0; 2001 BZ₂₈, 3, 1, 0; 2001 BL₃₀, 3, 1, 0; 2001 BT₃₀, 3, 1, 0; 2001 BB₃₁, 3, 1, 0; 2001 BE₃₁, 3, 1, 0; 2001 BJ₃₁, 3, 1, 0; 2001 BV₃₁, 12, 4, 6; 2001 BW₃₁, 6, 2, 1; 2001 BY₃₁, 15, 5, 15; 2001 BZ₃₁, 3, 1, 0; 2001 BC₃₂, 3, 1, 0; 2001 BG₃₂, 3, 1, 0; 2001 BK₃₂, 3, 1, 0; 2001 BP₃₂, 6, 2, 3; 2001 BR₃₂, 3, 1, 0; 2001 BT₃₂, 11, 4, 11; 2001 BV₃₂, 8, 3, 11; 2001 BW₃₂, 6, 2, 5; 2001 BB₃₃, 3, 1, 0; 2001 BC₃₃, 6, 2, 1; 2001 BF₃₃, 6, 2, 1; 2001 BL₃₃, 3, 1, 0; 2001 BO₃₃, 3, 1, 0; 2001 BP₃₃, 6, 2, 12; 2001 BT₃₃, 3, 1, 0; 2001 BV₃₃, 3, 1, 0; 2001 BW₃₃, 12, 4, 11; 2001 BZ₃₃, 12, 4, 11; 2001 BB₃₄, 9, 3, 12; 2001 BE₃₄, 3, 1, 0; 2001 BF₃₄, 3, 1, 0; 2001 BW₃₄, 2, 1, 0; 2001 BA₃₅, 3, 1, 0; 2001 BC₃₅, 3, 1, 0; 2001 BJ₃₅, 11, 3, 5; 2001 BL₃₅, 3, 1, 0; 2001 BV₃₅, 3, 1, 0; 2001 BL₃₆, 6, 2, 6; 2001 BL₃₆, 6, 1, 0; 2001 BP₃₈, 3, 1, 0; 2001 BF₄₁, 2, 1, 0; 2001 BR₄₃, 3, 1, 0; 2001 BX₄₄, 3, 1, 0; 2001 BM₄₅, 3, 1, 0; 2001 BT₄₇, 6, 2, 1; 2001 BR₄₈, 3, 1, 0; 2001 BM₄₉, 6, 2, 1; 2001 BV₅₀, 12, 3, 2; 2001 BX₅₀, 15, 3, 2; 2001 BE₅₄, 3, 1, 0; 2001 BP₅₈, 3, 1, 0; 2001 BR₅₈, 3, 1, 0; 2001 BG₅₉, 6, 2, 1; 2001 BR₅₉, 6, 2, 9; 2001 BX₅₉, 9, 3, 5; 2001 BY₅₉, 6, 2, 1; 2001 BZ₅₉, 6, 2, 4; 2001 BA₆₀, 6, 2, 1; 2001 BB₆₀, 6, 2, 1; 2001 BC₆₀, 6, 2, 1; 2001 BJ₆₀, 6, 2, 3; 2001 BX₆₀, 6, 2, 5; 2001 BY₆₀, 3, 1, 0; 2001 BR₆₁, 4, 2, 6; 2001 BS₆₁, 3, 1, 0; 2001 BV₆₁, 3, 1, 0; 2001 BG₆₂, 3, 1, 0; 2001 BH₆₂, 9, 3, 2; 2001 BJ₆₂, 3, 1, 0; 2001 BQ₆₂, 3, 1, 0; 2001 BS₆₂, 21, 4, 6; 2001 BV₆₂, 3, 1, 0; 2001 BU₆₃, 3, 1, 0; 2001 BW₆₃, 3, 1, 0; 2001 BO₆₄, 3, 1, 0; 2001 BQ₆₄, 6, 2, 1; 2001 BZ₆₈, 6, 2, 1; 2001 BX₇₀, 3, 1, 0; 2001 BJ₇₁, 3, 1, 0; 2001 BO₇₁, 9, 3, 24; 2001 BP₇₁, 3, 1, 0; 2001 BT₇₁, 2, 1, 0; 2001 BL₇₄, 3, 1, 0; 2001 BO₇₄, 3, 1, 0; 2001 BK₇₅, 2, 1, 0; 2001 BH₇₇, 3, 1, 0; 2001 BO₇₈, 5, 1, 0; 2001 BJ₇₉, 3, 1, 0; 2001 CA, 15, 3, 2; 2001 CL, 3, 1, 0; 2001 CK₂, 3, 1, 0; 2001 CM₂, 6, 2, 1; 2001 CW₄, 3, 1, 0; 2001 CS₅, 3, 1, 0; 2001 CU₆, 6, 2, 15; 2001 CV₆, 3, 1, 0; 2001 CA₇, 3, 1, 0; 2001 CC₇, 3, 1, 0; 2001 CB₉, 3, 1, 0; 2001 CG₁₂, 9, 3, 12; 2001 CQ₁₂, 3, 1, 0; 2001 CC₁₃, 3, 1, 0; 2001 CH₁₆, 3, 1, 0; 2001 CK₁₆, 3, 1, 0; 2001 CN₁₈, 3, 1, 0; 2001 CO₁₈, 3, 1, 0; 2001 CX₁₈, 3, 1, 0; 2001 CH₂₂, 9, 3, 3; 2001 CZ₂₃, 3, 1, 0; 2001 CE₂₆, 3, 1, 0; 2001 CO₂₈, 6, 2, 3; 2001 CA₂₉, 3, 1, 0; 2001 CY₃₁, 3, 1, 0; 2001 CD₃₂, 3, 1, 0; 2001 CE₃₂, 3, 1, 0; 2001 CH₃₂, 12, 4, 11; 2001 CJ₃₂, 6, 2, 3; 2001 CK₃₂, 3, 1, 0; 2001 CX₃₅, 5, 2, 1; 2001 CY₃₅, 6, 2, 1; 2001 CZ₃₅, 15, 5, 12; 2001 CA₃₆, 15, 3, 2; 2001 CB₃₆, 6, 2, 1; 2001 CP₃₆, 3, 1, 0; 2001 CQ₃₆, 9, 2, 1; 2001 CL₄₁, 11, 3, 7; 2001 CM₄₁, 6, 2, 1; 2001 CN₄₁, 8, 3, 7; 2001 CO₄₁, 8, 3, 7; 2001 CP₄₁, 6, 2, 1; 2001 CQ₄₁, 7, 3, 7; 2001 CR₄₁, 9, 3, 7; 2001 CK₄₂, 3, 1, 0; 2001 CL₄₂, 3, 1, 0; 2001 DB*, 5, 2, 1; 2001 DC*, 6, 2, 1; 2001 DD*, 6, 2, 1; 2001 DE*, 5, 2, 1; 2001 DF*, 6, 2, 1; 2001 DV*, 7, 3, 6; 2001 DW*, 14, 4, 6; 2001 DX*, 12, 4, 6; 2001 DY*, 6, 2, 1; 2001 DZ*, 5, 2, 1; 2001 DA*, 8, 3, 2; 2001 DS*, 9, 3, 6; 2001 DT*, 6, 2, 2; 2001 DU*, 6, 2, 2; 2001 DV*, 5, 2, 1; 2001 DC₁₀, 3, 1, 0; 2001 DW₁₀, 6, 2, 2; 2001 DV₁₄, 9, 3, 5; 2001 DW₁₄, 6, 2, 4; 2001 DX₁₄, 15, 3, 5; 2001 DY₁₄, 6, 2, 4; 2001 DZ₁₄, 24, 5, 10; 2001 DA₁₅, 17, 4, 6; 2001 DB₁₅, 6, 2, 4; 2001 DC₁₅, 6, 2, 4; 2001 DX₃₆, 3, 1, 0; 2001 DZ₃₆, 3, 1, 0; 2001 DR₄₂, 3, 1, 0; 2001 DW₄₂, 6, 2, 6; 2001 DW₄

2; (6350), 3, 1, 0; (6470), 3, 1, 0; (6549), 3, 1, 0; (6648), 3, 1, 0; (6729), 3, 1, 0; (6814), 3, 1, 0; (6859), 3, 1, 0; (6881), 3, 1, 0; (6986), 6, 2, 10; (6990), 6, 2, 3; (7288), 3, 1, 0; (7420), 3, 1, 0; (7426), 3, 1, 0; (7591), 2, 1, 0; (7628), 3, 1, 0; (7630), 5, 2, 1; (7689), 3, 1, 0; (7719), 3, 1, 0; (8317), 3, 1, 0; (8416), 3, 1, 0; (8543), 3, 1, 0; (8575), 10, 4, 5; (8611), 3, 1, 0; (8693), 3, 1, 0; (8723), 3, 1, 0; (8791), 2, 1, 0; (8831), 3, 1, 0; (8853), 3, 1, 0; (8857), 3, 1, 0; (8862), 3, 1, 0; (8876), 6, 2, 1; (8898), 3, 1, 0; (8948), 6, 2, 1; (9010), 3, 1, 0; (9015), 15, 3, 2; (9019), 3, 1, 0; (9072), 3, 1, 0; (9077), 2, 1, 0; (9118), 3, 1, 0; (9146), 3, 1, 0; (9164), 8, 3, 2; (9238), 6, 2, 2; (9259), 2, 1, 0; (9393), 3, 1, 0; (9429), 5, 2, 6; (9664), 8, 3, 8; (9676), 3, 1, 0; (11023), 3, 1, 0; (11065), 3, 1, 0; (11158), 3, 1, 0; (11260), 3, 1, 0; (11304), 3, 1, 0; (11325), 9, 3, 7; (11394), 3, 1, 0; (11463), 6, 2, 5; (11493), 6, 2, 6; (11527), 3, 1, 0; (11573), 2, 1, 0; (11781), 3, 1, 0; (11823), 3, 1, 0; (11846), 3, 1, 0; (11848), 3, 1, 0; (11882), 18, 5, 5; (11889), 3, 1, 0; (11962), 3, 1, 0; (12017), 2, 1, 0; (12049), 3, 1, 0; (12133), 6, 2, 1; (12135), 3, 1, 0; (12204), 7, 2, 6; (12236), 3, 1, 0; (12243), 21, 4, 6; (12253), 3, 1, 0; (12471), 6, 2, 5; (12484), 13, 4, 5; (12488), 12, 3, 5; (12499), 3, 1, 0; (12515), 11, 3, 5; (12539), 6, 2, 2; (12540), 3, 1, 0; (12589), 3, 1, 0; (12599), 3, 1, 0; (12621), 3, 1, 0; (12627), 2, 1, 0; (12632), 3, 1, 0; (12689), 6, 2, 6; (12743), 3, 1, 0; (12924), 3, 1, 0; (12951), 3, 1, 0; (12984), 6, 2, 10; (13050), 3, 1, 0; (13102), 3, 1, 0; (13181), 6, 1, 0; (13246), 3, 1, 0; (13267), 3, 1, 0; (13326), 3, 1, 0; (13348), 3, 1, 0; (13397), 3, 1, 0; (13405), 3, 1, 0; (13584), 2, 1, 0; (13857), 3, 1, 0; (13862), 3, 1, 0; (13865), 6, 2, 10; (14268), 3, 1, 0; (14524), 3, 1, 0; (14690), 2, 1, 0; (15233), 3, 1, 0; (15513), 3, 1, 0; (16085), 2, 1, 0; (16113), 3, 1, 0; (16116), 2, 1, 0; (16324), 3, 1, 0; (17324), 3, 1, 0; (18284), 3, 1, 0; (18301), 2, 1, 0; (18431), 3, 1, 0; (18604), 6, 2, 1; (19122), 9, 3, 6; (19447), 3, 1, 0; (19496), 3, 1, 0; (19748), 3, 1, 0; (19858), 3, 1, 0; (19960), 9, 3, 7; (20046), 6, 2, 1; (20077), 6, 2, 15; (20099), 3, 1, 0; (20106), 3, 1, 0; (20118), 3, 1, 0; (20123), 3, 1, 0; (20137), 8, 3, 5; (20172), 3, 1, 0; (20196), 3, 1, 0; (20222), 3, 1, 0; (20282), 3, 1, 0; (20296), 3, 1, 0; (20349), 3, 1, 0; (20401), 3, 1, 0; (20404), 3, 1, 0; (20409), 9, 3, 2; (20634), 3, 1, 0; (20657), 3, 1, 0; (20742), 3, 1, 0; (20833), 3, 1, 0; (20942), 3, 1, 0; (21003), 3, 1, 0; (21022), 3, 1, 0; (21043), 3, 1, 0; (21080), 3, 1, 0; (21099), 3, 1, 0; (21151), 3, 1, 0; (21163), 3, 1, 0; (21320), 2, 1, 0; (21356), 3, 1, 0; (21366), 12, 3, 4; (21368), 3, 1, 0; (21371), 2, 1, 0; (21410), 3, 1, 0; (21422), 3, 1, 0; (21436), 6, 2, 3; (21440), 3, 1, 0; (21499), 3, 1, 0; (21514), 3, 1, 0; (21538), 2, 1, 0; (21541), 2, 1, 0; (21628), 3, 1, 0; (21718), 3, 1, 0; (21732), 3, 1, 0; (21826), 3, 1, 0; (21830), 3, 1, 0; (21884), 3, 1, 0; (21900), 3, 1, 0; (21942), 3, 1, 0; (21985), 3, 1, 0; (21989), 2, 1, 0; (21991), 3, 1, 0; (21996), 3, 1, 0; (22006), 3, 1, 0; (22028), 3, 1, 0; (22036), 3, 1, 0; (22040), 3, 1, 0; (22058), 3, 1, 0; (22060), 3, 1, 0; (22067), 3, 1, 0; (22099), 3, 1, 0; (22149), 3, 1, 0; (22150), 3, 1, 0; (22195), 3, 1, 0; (22231), 6, 1, 0; (22234), 6, 2, 9; (22239), 3, 1, 0; [3466, 827, 40*, 1999/07/17-2001/02/27]

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

1999 RR205, 2, 1, 0; 1999 TY216, 2, 1, 0; [4, 2, 0*, 2001/02/26]

108 Montelupo

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

[iau@arcetri.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 CQ36, 4, 1, 0; [4, 1, 0*, 2001/02/16]

112 Osservatorio Pleiade

P. Antolini, Via Bertoldi 84, I-37026 Settimo di Pescantina (Verona), Italy

[flacaste@tin.it]

Observers P. Antolini, F. Castellani

0.60-m $f/3.0$ reflector + CCD

GSC

2000 TB29, 8, 1, 0; [8, 1, 0*, 1996/12/29]

113 Volkssternwarte Drebach, Schönbrunn

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[g.lehmann@abo.freiepresse.de]

Observers G. Lehmann, J. Kandler, T. Lehmann

Measurers G. Lehmann, J. Kandler

0.50-m $f/4.0$ reflector + CCD

USNO-A2.0

1989 CH₅, 2, 1, 0; 1991 RK₃, 4, 2, 8; 1991 RQ₄, 2, 1, 0; 1992 UR₈, 4, 2, 8; 1995 WL₄₂, 2, 1, 0; 1998 OZ₇, 2, 1, 0; 2000 AP₅₁, 2, 1, 0; 2001 BZ₃₂, 2, 1, 0; 2001 BF₃₃, 2, 1, 0; (1620), 4, 1, 0; (11167), 2, 1, 0; [28, 11, 0*, 2001/02/16-2001/02/25]

118 Modra

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[ago@fmph.uniba.sk]

Observers A. Galád, J. Tóth, L. Kornoš, Š. Gajdoš, P. Kolény

0.6-m $f/5.5$ reflector + CCD

USNO-A2.0

1950 DA, 2, 1, 0; 1990 TG₁, 4, 2, 13; 1998 HH₃, 3, 1, 0; 1998 KJ₆₀, 4, 1, 0; 1998 SF₃₆, 5, 2, 9; 1999 TE₁₅, 3, 1, 0; 1999 TY₁₅, 3, 1, 0; 1999 TM₁₇, 6, 2, 3; 1999 VY₂₇, 5, 2, 2; 2000 BD₁₉, 5, 2, 3; 2000 CK₃₃, 6, 3, 14; 2000 EA₁₀₇, 3, 1, 0; 2000 OY₂₁, 4, 2, 13; 2000 RW₃₇, 3, 1, 0; 2000 SB₁, 2, 1, 0; 2000 SG₁₂₀, 2, 1, 0; 2000 SS₁₆₄, 4, 2, 14; 2000 VN₂, 3, 1, 0; 2000 XL₄₄, 2, 1, 0; 2000 XG₄₇, 3, 1, 0; 2000 YE₂₉, 2, 1, 0; 2000 YK₂₉, 2, 1, 0; 2001 AU₄₃, 5, 2, 4; 2001 BE₁₀, 8, 3, 17; 2001 BW₁₅, 2, 1, 0; 2001 BY₁₅, 4, 2, 6; 2001 BJ₁₆, 4, 2, 2; 2001 BA₄₀, 2, 1, 0; 2001 BO₆₁, 3, 1, 0; 2001 CC₂₁, 9, 3, 2; 2001 CF₂₆, 3, 1, 0; 2001 CA₃₂, 8, 3, 9; 2001 CB₃₂, 13, 5, 12; 2001 CC₃₂, 14, 5, 14; 2001 CD₃₂, 13, 5, 12; 2001 CK₃₂, 6, 2, 2; 2001 CU₃₅, 3, 1, 0; 2001 CP₃₆, 6, 2, 1; 2001 CQ₃₆, 9, 3, 2; 2001 CM₃₇ *, 12, 4, 9; 2001 CJ₄₂, 3, 1, 0; 2001 CK₄₂, 8, 3, 9; 2001 CL₄₂, 8, 3, 9; 2001 DQ₈, 6, 2, 1; 2001 DS₈, 3, 1, 0; 2001 DU₈, 4, 2, 1; 2001 DV₈, 3, 1, 0; 2001 DF₄₇, 5, 2, 3; (1855), 2, 1, 0; (3922), 2, 1, 0; (4688), 2, 1, 0; (5535), 3, 1, 0; (11065), 3, 1, 0; (17493), 2, 1, 0; (18172), 2, 1, 0; (20429), 6, 3, 15; (20790), 4, 2, 1; (20898), 2, 1, 0; (21088), 2, 1, 0; (22099), 2, 1, 0; [272, 60, 1*, 1997/04/08-2001/02/27]

120 Višnjan

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Observers K. Korlević, P. Korlević

Measurer K. Korlević

0.41-m $f/4.3$ reflector + CCD

USNO-SA1.0

1990 EJ, 5, 2, 4; 1993 FZ₂₁, 3, 1, 0; 1994 EK₁, 3, 1, 0; 1994 JH₆, 2, 1, 0; 1996 VN₆, 2, 1, 0; 1996 XK₇, 4, 2, 3; 1997 AE₇, 3, 1, 0; 1998 HO₅, 3, 1, 0; 1998 HL₃₄, 3, 1, 0; 1998 HW₅₀, 3, 1, 0; 1998 HJ₉₈, 3, 1, 0; 1998 KM₄, 2, 1, 0; 1998 QX₁₀, 3, 1, 0; 1998 QL₄₃, 6, 2, 1; 1998 SY₁₅, 3, 1, 0; 1998 SU₆₂, 6, 2, 4; 1999 AK₉, 2, 1, 0; 1999 RP₁₁₄, 3, 1, 0; 1999 TH₁₃₅, 3, 1, 0; 1999 TY₁₄₀, 3, 1, 0; 1999 TK₁₅₆, 3, 1, 0; 1999 TQ₁₉₆, 6, 2, 1; 1999 TZ₂₄₁, 3, 1, 0; 1999 TN₂₄₇, 3, 1, 0; 1999 UV₂₃, 6, 2, 1; 1999 VH₈, 11, 1, 0; 1999 VA₆₂, 3, 1, 0; 1999 VZ₈₁, 2, 1, 0; 1999 VS₁₆₀, 9, 3, 2; 1999 WJ₄, 6, 2, 1; 1999 XC₁₈₉, 1, 1, 0; 2000 AG₁₀₀, 3, 1, 0; 2000 AH₁₇₇, 6, 2, 1; 2000 BU₂₂, 6, 2, 1; 2000 YG₉₇, 3, 1, 0; 2001 BT₅, 2, 1, 0; 2001 BF₂₄, 2, 1, 0; 2001 BA₃₀, 3, 1, 0; 2001 CF₅, 2, 3; 2001 CG₅, 2, 3; 2001 CH₃, 1, 0; 2001 CL₃, 1, 0; 2001 CV₃, 6, 2, 9; 2001 CY₃, 6, 2, 9; 2001 CC₄, 5, 2, 1; 2001 CH₄, 5, 2, 1; 2001 CP₄, 7, 2, 1; 2001 CR₄, 9, 3, 12; 2001 CJ₈, 9, 3, 2; 2001 CL₈, 6, 2, 1; 2001 CF₃₂ *, 8, 3, 4; 2001 CV₃₅ *, 8, 3, 3; 2001 CG₃₈ *, 10, 3, 2; 2001 DC₁ *, 15, 4, 4; 2001 DN₆ *, 10, 3, 5; 2001 DO₆ *, 9, 3, 4; 2001 DP₆ *, 6, 2, 1; 2001 DQ₆ *, 8, 3, 2; 2001 DR₆ *, 8, 3, 4; 2001 DS₆ *, 8, 3, 4; 2001 DT₆ *, 19, 4, 4; 2001 DU₆ *, 8, 3, 2; 2001 DR₇ *, 5, 2, 1; 2001 DO₁₇ *, 5, 2, 1; (1589), 5, 2, 1; (1607), 3, 1, 0; (2098), 3, 1, 0; (2109), 3, 1, 0; (2567), 3, 1, 0; (2713), 3, 1, 0; (2783), 6, 2, 1; (2914), 2, 1, 0; (2917), 3, 1, 0; (3195), 8, 3, 4; (3766), 3, 1, 0; (3831), 3, 1, 0; (3872), 3, 1, 0; (4073), 3, 1, 0; (4289), 3, 1, 0; (4593), 3, 1, 0; (5315), 3, 1, 0; (5987), 3, 1, 0; (6353), 3, 1, 0; (7386), 3, 1, 0; (7492), 3, 1, 0; (7878), 3, 1, 0; (9291), 3, 1, 0; (11053), 3, 1, 0; (11127), 3, 1, 0; (11257), 3, 1, 0; (11789), 6, 2, 2; (11811), 2, 1, 0; (11877), 3, 1, 0; (11934), 3, 1, 0; (12219), 3, 1, 0; (12367), 3, 1, 0; (12393), 6, 2, 3; (13036), 3, 1, 0; (13418), 3, 1, 0; (14823), 3, 1, 0; (18546), 3, 1, 0; (19251), 6, 2, 4; (20686), 10, 3, 2; (21095), 9, 3, 4; (21175), 3, 1, 0; (21740), 3, 1, 0; (21752), 3, 1, 0; (21911), 3, 1, 0; (22220), 2, 1, 0; [503, 109, 13*, 1998/12/25-2001/02/22]

121 Kharkov University, Chuguevskaya Station

Yu. N. Krugly, Astronomical Observatory, Kharkov State University, Sumska

Street 35, Kharkov 310022, Ukraine [krugly@astron.kharkov.ua]

0.70-m $f/4$ reflector + CCD

GSC

1999 AR₅, 4, 1, 0; [4, 1, 0*, 1997/12/21]

127 Bornheim

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

0.30-m $f/3.2$ FFC + CCD

USNO-A2.0

1999 RR₂, 4, 2, 1; 1999 VH₂₂, 8, 3, 2; 1999 XT₁₇, 8, 3, 2; 2000 AH₁₃₈, 9, 3, 2; 2000 WE₆₈, 8, 3, 2; (3408), 7, 3, 2; (4179), 8, 3, 2; [52, 7, 0*, 2001/02/13-2001/02/15]

133 Les Tardieux

M. Boeuf, Les Tardieux, St Julien, F-13500 Martigues, France

[michel.boeuf@wanadoo.fr]

0.20-m $f/3.5$ reflector + CCD

USNO-SA2.0

1998 HP₁₃₉, 3, 1, 0; 1998 SR₂, 3, 1, 0; 1999 SU₈, 6, 2, 1; 2001 BY₅₉, 3, 1, 0; (1620), 6, 2, 4; (2451), 3, 1, 0; (3105), 3, 1, 0; (3746), 3, 1, 0; (4316), 3, 1, 0; (6350), 3, 1, 0; (12141), 3, 1, 0; (12236), 3, 1, 0; (20790), 3, 1, 0; (21691), 3, 1, 0; [48, 14, 0*, 2001/02/11-2001/02/26]

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, 17, 4, 21; 1989 CH₅, 4, 1, 0; 1991 TT₆, 15, 3, 8; 1992 UR₈, 7, 2, 8; 1998 QW₂, 4, 1, 0; 1998 SF₃₆, 8, 2, 11; 2000 CK₃₃, 3, 1, 0; 2000 SS₁₆₄, 4, 1, 0; 2001 BW₁₅, 4, 1, 0; 2001 CB₃₂, 10, 2, 12; 2001 CC₃₂, 6, 1, 0; 2001 CD₃₂, 6, 1, 0; 2001 CP₃₆, 22, 2, 1; 2001 DQ₈, 6, 1, 0; 2001 DT₈, 4, 1, 0; 2001 DU₈, 5, 1, 0; (1362), 4, 1, 0; (1620), 9, 2, 7; (3199), 4, 1, 0; (4179), 11, 3, 17; (5751), 4, 1, 0; (8654), 4, 1, 0; (17493), 5, 1, 0; (20429), 6, 1, 0; (20790), 9, 2, 8; (20898), 4, 1, 0; (21876), 4, 1, 0; [189, 27, 0*, 2001/02/06-2001/02/27]

159 Monte Agliale

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 SD₁₂, 5, 1, 0; 1999 TH₆, 4, 1, 0; 2000 AR₁₅₁, 4, 1, 0; 2000 WO₈₈, 5, 1, 0; [18, 4, 0*, 2001/02/17-2001/02/19]

162 Potenza

A. M. Giambersio, 22 R. Scotellaro Street, I-85100 Potenza, Italy

[agiamber@tin.it]

0.20-m $f/6.3$ reflector + CCD

USNO-SA2.0

(85), 5, 2, 1; [5, 1, 0*, 2001/02/15-2001/02/16]

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

USNO-SA2.0

2001 CC₃₂, 3, 1, 0; 2001 CQ₃₆, 4, 1, 0; [7, 2, 0*, 2001/02/12-2001/02/15]

169 Rosignano

S. Puccini, Airali Observatory, Via Montegrappa 16, I-15030 Rosignano, Italy

[starfield@tin.it]

0.25-m $f/5.1$ Schmidt-Cassegrain + CCD

GSC

1999 RJ₁₄₀, 1, 1, 0; 1999 TL₂₆₇, 3, 1, 0; 2000 SS₁₆₄, 1, 1, 0; (1620), 3, 1, 0; (4179), 5, 1, 0; (5435), 4, 1, 0; (8359), 4, 1, 0; (20898), 4, 1, 0; [25, 8, 0*, 2001/02/11-2001/03/01]

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

GSC-1.1

1998 KN₅₅, 7, 3, 12; 1998 QE₁₂, 5, 3, 13; 1998 RO₄₄, 15, 5, 15; 1999 VA₇₉, 2, 1, 0; 1999 VC₉₂, 5, 2, 2; 2000 QN₁₈₁, 7, 3, 6; 2000 XN₄₄, 1, 1, 0; 2001 BU₅₀, 2, 1, 0; 2610 T-3, 8, 3, 4; (4835), 3, 1, 0; (9544), 6, 2, 9; (18431), 3, 1, 0; (21436), 11, 4, 9; [75, 13, 0*, 2001/02/03-2001/02/28]

174 Nyrola Observatory, Jyväskylä

A. Oksanen, Verkkoniementie 30, SF-40950 Muurame, Finland

[Arto.Oksanen@tietoenator.com]

Observers M. Moilanen, A. Oksanen

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

USNO-A2.0

1999 VO₂₄, 3, 1, 0; [3, 1, 0*, 2001/02/03]

176 Observatori Astronomic de Consell

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

[obsconsell@wanadoo.es]

Observers À. López, R. Pacheco

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

GSC

1994 EK₁, 3, 1, 0; 1999 XU₃₅, 4, 1, 0; 2001 DU₈, 3, 1, 0; 2001 DC₁₀, 4, 1, 0; (4620), 4, 1, 0; (4803), 3, 1, 0; (5745), 3, 1, 0; (12281), 4, 1, 0; (12617), 3, 1, 0; [31, 9, 0*, 2001/02/19-2001/03/01]

185 Observatoire astronomique jurassien-Vicques

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

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

0.61-m $f/3.39$ reflector + CCD

USNO-A2.0

1998 SW₁₄₄, 2, 1, 0; 1999 RZ₄₄, 5, 2, 11; 1999 TB₁₁₈, 3, 1, 0; 1999 TD₁₁₈, 4, 1, 0; 1999 TY₂₅₁, 5, 1, 0; 1999 VB₂₈, 2, 1, 0; 2000 YG₁₁₅, 4, 1, 0; 2001 BN₁₁, 6, 2, 4; 2001 BO₁₁, 9, 2, 4; 2001 CZ₂₂, 9, 3, 12; 2001 CH₃₇ *, 14, 4, 12; 2001 CJ₃₇ *, 13, 4, 12; 2001 DC₁₄, 2, 1, 0; 2001 DV₃₆, 3, 1, 0; 2721 P-L, 4, 1, 0; (646), 1, 1, 0; (7263), 4, 1, 0; (7445), 3, 1, 0; (11969), 16, 3, 5; (12502), 4, 1, 0; (21103), 11, 2, 4; [124, 21, 2*, 2001/02/10-2001/02/26]

199 Buthiers

T. Midavaine, 102 rue de Vaugirard, F-75006 Paris, France [thimidav@club-internet.fr]

Observers T. Midavaine, J. Vugnon

Measurers T. Midavaine

0.59-m $f/3.4$ reflector + CCD

USNO-SA2.0

1990 TG₁, 2, 1, 0; 2000 SS₁₆₄, 3, 1, 0; (21056), 3, 1, 0; [8, 3, 0*, 2001/02/14-2001/02/15]

200 Beersel Hills Observatory

P. van Cauteren, Laarheidestraat 166, B-1650 Beersel, Belgium

[paul.vancauteren@advalvas.be]

0.4-m Newtonian reflector + CCD

GSC

1999 RJ₁₄₀, 1, 1, 0; 2000 SS₁₆₄, 3, 1, 0; (6386), 3, 1, 0; [7, 3, 0*, 2001/02/23-2001/02/26]

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 TA₁₆₄, 3, 1, 0; 1999 XN₁₁₆, 3, 1, 0; 2001 AE₄₁, 3, 1, 0; 2001 CK₄₂, 3, 1, 0; 2001 CL₄₂, 3, 1, 0; (4050), 3, 1, 0; (22239), 3, 1, 0; [21, 7, 0*, 2001/02/10–2001/02/17]

203 GiaGa Observatory

G. Galli, via Mozart 4, Pogliano Milanese (MI), Italy [gllgianni@tiscalinet.it]
0.13-m $f/6.4$ refractor + CCD
GSC
(3278), 5, 3, 15; (3942), 7, 3, 15; (4465), 4, 2, 1; [16, 3, 0*, 2001/01/16–2001/01/31]

204 Schiaparelli Observatory

F. Bellini, via A. del Sarto 3, I-21100 Varese, Italy [astrogeo@astrogeo.va.it]
Observers F. Bellini, C. Cattaneo
Measurer F. Bellini
0.6-m $f/2.75$ reflector + CCD
USNO
1997 AW₁₃, 3, 1, 0; 2000 WK₆₃, 2, 1, 0; 2000 WC₆₇, 2, 1, 0; 2000 WT₁₆₈, 2, 1, 0; 2001 BE₁₀, 2, 1, 0; [11, 5, 0*, 2001/01/27–2001/02/22]

205 Casalecchio di Reno

M. Brusa, Visa Martiri di Plaza Fontana 38, I-40033 Casalecchio di Reno (BO), Italy [michele.brusa@inwind.it]
0.25-m $f/6.3$ Schmidt-Cassegrain + CCD
GSC, USNO-SA1.0
1998 HD₁₂₄, 3, 1, 0; 2000 RG₇₉, 4, 1, 0; 2000 SG, 4, 1, 0; (30), 3, 1, 0; (433), 4, 1, 0; (1620), 4, 1, 0; (3199), 4, 1, 0; (4179), 6, 2, 24; (5357), 3, 1, 0; (7505), 4, 1, 0; (7563), 4, 1, 0; (11424), 4, 1, 0; (20790), 3, 1, 0; (21028), 7, 1, 0; [57, 14, 0*, 2001/02/03–2001/02/27]

247 Roving Observer

M. L. Clark, Physics and Energy Studies, Murdoch University, 90 South Street, Perth, WA 6150, Australia [clark@fizzy.murdoch.edu.au]
C. W. Juels, P. O. Box 19960, Fountain Hills, AZ 85269, U.S.A. [cwjuels@futureone.com]
Observers M. L. Clark, C. W. Juels, M. Schwartz, P. Holvorcem
Measurers M. L. Clark, C. W. Juels
0.2-m $f/6$ Newtonian + CCD, 0.50-m $f/10$ reflector + CCD
2001 AJ₁₆, 4, 1, 0; (7541), 4, 1, 0; [8, 2, 0*, 2001/02/14]

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)
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)
Measurers R. Stoss (1), A. Boattini (2), G. Forti (2), M. Tombelli (2), L. Tesi (2), G. D'Abramo (2), A. Lowe (4), A. Pelloni (5), R. Haver (5)
1.2-m U.K. Schmidt
{1} 1983 EC₂, 2, 1, 0; 1995 GN, 4, 2, 81; 2000 WC₁₁₆, 2, 1, 0; 2001 AE₂, 2, 1, 0; [10, 4, 0*, 1982/08/22–1984/08/02]

{2} 1998 DX₃₂, 2, 1, 0; 1998 VS₃₄, 2, 1, 0; [4, 2, 0*, 1984/05/23–1989/08/30]

{4} 1978 SG, 2, 1, 0; 1979 MB₃, 2, 1, 0; 1988 TL₃, 2, 1, 0; 1988 XV₁, 4, 2, 1324; 1989 SZ₉, 4, 2, 50; 1995 UQ₄, 8, 4, 2538; 1997 EM₂₃, 2, 1, 0; 1998 EZ₁₀, 2, 1, 0; 1998 HB₆₇, 2, 1, 0; 1998 JZ₁, 2, 1, 0; 1998 MR₂₂, 4, 2, 2863; 1998 QJ₇₀, 2, 1, 0; 1999 CX₆₁, 8, 4, 6294; 1999 LL₃₁, 2, 1, 0; 1999 QP₂, 4, 2, 2443; 1999 RR₂, 4, 2, 26; 1999 TX₉₉, 4, 2, 3398; 1999 UN₆₀, 2, 1, 0; 1999 VR₁₂,

4, 2, 5433; 1999 XR₇, 4, 2, 3110; 1999 XK₃₇, 4, 2, 1895; 1999 XW₁₁₄, 2, 1, 0; 1999 XW₁₃₆, 2, 1, 0; 1999 XO₁₉₀, 2, 1, 0; 2000 AW₂₂, 4, 2, 3390; 2000 AV₉₇, 4, 2, 35; 2000 AR₁₂₀, 2, 1, 0; 2000 AS₁₂₈, 2, 1, 0; 2000 AR₂₄₂, 6, 3, 3389; 2000 CF₄₇, 4, 2, 22; 2000 ES₈₉, 2, 1, 0; 2000 EN₂₀₁, 2, 1, 0; 2000 GL₁₂₄, 2, 1, 0; 2000 LP₂₀, 4, 2, 2155; 2000 OB₂₉, 2, 1, 0; 2000 PO₈, 4, 2, 2977; 2000 PJ₂₀, 6, 3, 2833; 2000 SJ₄₂, 6, 3, 1498; 2000 WM₇₂, 2, 1, 0; 2000 XO₇, 2, 1, 0; 2000 YY₁₂, 4, 2, 22; 2000 YD₁₇, 6, 2, 26; 2000 YT₁₀₁, 6, 3, 3977; 2000 YT₁₁₆, 6, 3, 3669; 2000 YK₁₂₂, 4, 2, 1449; 2001 AX₃, 2, 1, 0; 2001 CX₂₇, 2, 1, 0; 4517 P-L, 2, 1, 0; (2812), 2, 1, 0; (4970), 6, 3, 6560; (12232), 2, 1, 0; (12505), 6, 3, 5788; (19980), 2, 1, 0; (21961), 2, 1, 0; (22018), 2, 1, 0; [186, 55, 0*, 1975/03/12–1995/12/15]

{5} 1992 UP₃, 2, 1, 0; 1992 YJ, 2, 1, 0; 1998 XX₅₁, 6, 3, 1419; (20964), 4, 2, 3010; [14, 4, 0*, 1976/05/27–1990/04/28]

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)
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)
Measurers R. Stoss (1), A. Boattini (2), G. Forti (2), M. Tombelli (2), L. Tesi (2), G. D'Abramo (2), A. Lowe (4), R. Haver (5), A. Pelloni (5)
1.2-m Schmidt
{1} 1990 BY₄, 1, 1, 0; 1995 GN, 3, 1, 0; 1997 EY₃₆, 2, 1, 0; 2000 ND₇, 2, 1, 0; 2000 WD₉₃, 9, 4, 16387; 2000 WC₁₁₆, 4, 2, 2376; 2000 WX₁₆₈, 3, 2, 83; 2000 XH₄₉, 2, 1, 0; 2000 YV₄₉, 3, 2, 83; 2001 AE₂, 2, 1, 0; 2001 BW₁₅, 2, 1, 0; [33, 11, 0*, 1951/12/01–1997/03/06]

{2} 1998 BC₄₄, 2, 1, 0; 1998 DX₃₂, 2, 1, 0; 1998 DS₃₅, 2, 1, 0; 1998 VL₃₃, 2, 1, 0; 1998 VS₃₄, 4, 2, 14046; 1999 GM₄, 2, 1, 0; 1999 HV₂, 2, 1, 0; 2001 AU₄₃, 2, 1, 0; [18, 8, 0*, 1952/08/24–1998/03/21]

{4} 1978 SG, 2, 1, 0; 1979 MB₃, 2, 1, 0; 1980 PZ₂, 8, 4, 15799; 1988 TV, 2, 1, 0; 1992 SP₂, 4, 2, 52; 1995 UQ₄, 4, 2, 2548; 1997 EM₂₃, 6, 3, 15360; 1998 EZ₁₀, 6, 3, 3487; 1998 JZ₁, 2, 1, 0; 1998 KF₄₀, 10, 5, 2049; 1998 MR₂₂, 8, 4, 2303; 1998 QJ₇₀, 4, 2, 504; 1999 CX₆₁, 4, 2, 14893; 1999 QP₂, 2, 1, 0; 1999 RR₂, 4, 2, 12431; 1999 RL₁₃, 6, 3, 1517; 1999 TX₉₉, 2, 1, 0; 1999 UN₆₀, 4, 2, 554; 1999 XR₇, 6, 3, 16801; 1999 XK₃₇, 6, 3, 14850; 1999 XV₈₃, 2, 1, 0; 1999 XW₁₃₆, 4, 2, 14293; 1999 XO₁₉₀, 2, 1, 0; 1999 YO₉, 2, 1, 0; 2000 AW₂₂, 6, 3, 3312; 2000 AW₈₂, 6, 3, 15090; 2000 AR₁₂₀, 6, 3, 14560; 2000 AS₁₂₈, 2, 1, 0; 2000 AR₂₄₂, 2, 1, 0; 2000 CH₄₆, 4, 2, 31; 2000 CF₄₇, 4, 2, 14560; 2000 CW₅₇, 2, 1, 0; 2000 CL₅₈, 2, 1, 0; 2000 CK₈₆, 4, 2, 2519; 2000 DM₃, 4, 2, 14313; 2000 ES₈₉, 4, 2, 1; 2000 EV₉₄, 6, 3, 1621; 2000 EN₂₀₁, 4, 2, 412; 2000 GF₁, 2, 1, 0; 2000 GL₁₂₄, 2, 1, 0; 2000 HM₄₀, 6, 3, 2409; 2000 JD₅₈, 4, 2, 15124; 2000 LP₂₀, 6, 3, 14523; 2000 OG, 4, 2, 3; 2000 OB₂₉, 2, 1, 0; 2000 PO₈, 8, 4, 15500; 2000 PJ₂₀, 4, 2, 3165; 2000 SJ₄₂, 2, 1, 0; 2000 WT₅₉, 4, 2, 14175; 2000 WM₇₂, 8, 4, 2071; 2000 WY₁₅₁, 2, 1, 0; 2000 XO₇, 2, 1, 0; 2000 XN₉, 2, 1, 0; 2000 YY₁₂, 8, 4, 13825; 2000 YD₁₇, 6, 3, 2422; 2000 YR₆₇, 2, 1, 0; 2000 YT₁₀₁, 2, 1, 0; 2000 YK₁₂₂, 4, 2, 39; 2001 AX₃, 8, 4, 2577; 2001 CX₂₇, 6, 3, 12815; 4517 P-L, 4, 2, 50; (2812), 2, 1, 0; (4970), 6, 3, 585; (7591), 2, 1, 0; (12237), 4, 2, 1114; (12505), 8, 4, 16427; (19980), 10, 5, 15622; (21961), 4, 2, 15248; (22018), 2, 1, 0; [294, 69, 0*, 1949/11/19–1998/01/02]

{5} 1980 AB, 2, 1, 0; 1992 UP₃, 2, 1, 0; 1992 YJ, 2, 1, 0; 1998 QW₂, 2, 1, 0; 1998 XE₆₅, 2, 1, 0; (20964), 2, 1, 0; [12, 6, 0*, 1950/08/14–1997/02/07]

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, S. Hashimoto, S. Isobe, S. Nakano, Y. Oshima, J. Terazono, T. Urata, M. Yoshikawa
0.50-m $f/2.0$ reflector + CCD
GSC, USNO-A2.0
1979 MD₅, 2, 1, 0; 1995 LK, 2, 1, 0; 1995 WB₉, 3, 2, 4; 1997 CX₂₁, 5, 1, 0; 1998 QA₇₇, 4, 1, 0; 1998 SF₃₆, 254, 4, 4; 1999 RC₁₇, 3, 1, 0; 1999 TH₁₅₇, 2, 1, 0; 1999 TU₂₇₃, 5, 1, 0; 1999 UM₁₅, 3, 1, 0; 1999 UK₂₄, 3, 1, 0; 1999 VY₂₃, 4, 1, 0; 1999 VX₆₄, 2, 1, 0; 1999 VN₂₀₃, 3, 1, 0; 2001 BK₃₅,

4, 1, 0; 2001 BL₃₅, 4, 1, 0; (950), 5, 1, 0; (1349), 5, 1, 0; (3096), 3, 1, 0; (3109), 4, 1, 0; (3324), 5, 1, 0; (3461), 2, 1, 0; (3772), 4, 1, 0; (4088), 3, 1, 0; (4351), 3, 1, 0; (4726), 4, 1, 0; (4967), 5, 1, 0; (4981), 4, 1, 0; (5209), 4, 1, 0; (5854), 4, 1, 0; (6558), 4, 1, 0; (6566), 4, 1, 0; (6708), 2, 1, 0; (7700), 4, 1, 0; (7834), 2, 1, 0; (8761), 5, 1, 0; (9140), 4, 1, 0; (9366), 2, 1, 0; (12199), 5, 1, 0; (12237), 3, 1, 0; (12527), 5, 1, 0; (13355), 2, 1, 0; (13410), 2, 1, 0; (21037), 4, 1, 0; (21055), 4, 1, 0; (21894), 4, 1, 0; (21969), 5, 1, 0; (22071), 2, 1, 0; (22088), 2, 1, 0; (22216), 3, 1, 0; [426, 50, 0*, 2001/02/10-2001/03/02]

303 Mérida

O. Naranjo, Dept. de Física, Universidad de los Andes, VE-5101 Mérida, Venezuela
[naranjo@ciens.ula.ve]

1.0-m Schmidt

1999 TS₃₆, 1, 1, 0; [1, 1, 0*, 1992/08/04]

309 Cerro Paranal

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

Observer B. Gladman

8.2-m Very Large Telescope ANTU + CCD

USNO-A2.0

1999 CZ₁₁₈, 3, 2, 1; 1999 CG₁₁₉, 3, 2, 1; 1999 DA, 4, 2, 1; 1999 HB₁₂, 3, 2, 1; 2000 CQ₁₀₅, 2, 1, 0; 2000 FB₈, 3, 2, 1; 2000 FC₈, 3, 2, 1; 2000 FF₈, 3, 2, 1; 2000 FG₈, 3, 2, 1; 2000 KL₄, 3, 2, 1; 2000 YF₂, 2, 2, 1; 2001 DV₈₀ *, 4, 2, 1; [36, 12, 1*, 2001/02/23-2001/02/24]

322 Perth Observatory, Bickley-MCT

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

Observers G. Lowe, T. Smith, M. Slivkoff, J. Biggs

Measurers M. Slivkoff

0.25-m $f/4.5$ reflector + CCD

USNO-A2.0

2000 SS₁₆₄, 3, 1, 0; 2001 BE₁₀, 2, 1, 0; 2001 BF₅₇, 2, 1, 0; (496), 2, 1, 0; (5604), 3, 1, 0; (13436), 3, 1, 0; (20790), 3, 1, 0; (20898), 3, 1, 0; (20991), 3, 1, 0; (21461), 3, 1, 0; (21831), 3, 1, 0; [30, 11, 0*, 2001/01/22-2001/02/26]

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

1981 QG₃, 3, 1, 0; 1996 TU₁₇, 3, 1, 0; 1998 FU₁₈, 3, 1, 0; 1998 FY₆₁, 7, 2, 10; 1998 KF₂₈, 3, 1, 0; 1998 QU₁₈, 3, 1, 0; 1998 SL₅₅, 3, 1, 0; 1998 SV₁₁₀, 2, 1, 0; 1998 SZ₁₁₃, 3, 1, 0; 1998 SD₁₂₄, 3, 1, 0; 1998 SM₁₃₇, 3, 1, 0; 1998 UH₁₆, 3, 1, 0; 1998 XQ₁₂, 3, 1, 0; 1998 XA₃₀, 3, 1, 0; 1999 BD₄, 3, 1, 0; 1999 CH₉₀, 3, 1, 0; 1999 DT₇, 3, 1, 0; 1999 KA₄, 3, 1, 0; 1999 NU₁₈, 3, 1, 0; 1999 RJ₁₀₅, 4, 1, 0; 1999 RY₁₂₆, 3, 1, 0; 1999 RZ₁₈₄, 6, 2, 13; 1999 TF₃₀, 3, 1, 0; 1999 TP₅₁, 3, 1, 0; 1999 TC₉₆, 3, 1, 0; 1999 TM₁₁₆, 3, 1, 0; 1999 TK₁₂₂, 3, 1, 0; 1999 TB₁₂₆, 3, 1, 0; 1999 TH₁₄₀, 3, 1, 0; 1999 TW₁₄₄, 3, 1, 0; 1999 TE₂₄₂, 3, 1, 0; 1999 TE₃₀₃, 3, 1, 0; 1999 UY₄₃, 3, 1, 0; 1999 UL₄₅, 3, 1, 0; 1999 VS₆₀, 3, 1, 0; 1999 VR₉₅, 3, 1, 0; 1999 VG₁₀₂, 3, 1, 0; 1999 XD₁₈, 3, 1, 0; 1999 XX₄₅, 3, 1, 0; 1999 XO₇₃, 3, 1, 0; 1999 XF₈₁, 3, 1, 0; 1999 XG₉₆, 2, 1, 0; 1999 XL₁₆₄, 3, 1, 0; 1999 XP₂₂₀, 3, 1, 0; 2000 AL₁₆, 3, 1, 0; 2000 AT₇₁, 3, 1, 0; 2000 AU₁₀₉, 3, 1, 0; 2000 AU₁₁₃, 4, 1, 0; 2000 EE₃₃, 3, 1, 0; 2000 EW₉₃, 3, 1, 0; 2000 HS₈, 3, 1, 0; 2000 HE₁₆, 3, 1, 0; 2000 HU₂₂, 1, 1, 0; 2000 JK₄₄, 3, 1, 0; 2000 KX₈₁, 3, 1, 0; 2000 QG₂₂₂, 3, 1, 0; 2000 RA₅₅, 6, 1, 0; 2000 SJ₆₈, 3, 1, 0; 2000 SJ₁₁₆, 3, 1, 0; 2000 SZ₂₉₂, 2, 1, 0; 2000 TQ₃₃, 3, 1, 0; 2000 TY₅₅, 3, 1, 0; 2000 WJ₃₂, 3, 1, 0; 2000 WA₆₉, 4, 1, 0; 2000 WL₁₁₆, 2, 1, 0; 2000 XE₁₀, 6, 1, 0; 2000 XK₅₀, 3, 1, 0; 2000 YA₄₁, 6, 2, 12; 2000 YZ₈₇, 3, 1, 0; 2000 YC₁₁₇, 3, 1, 0; 2000 YF₁₂₁, 3, 1, 0; 2000 YB₁₂₈, 3, 1, 0; 2000 YH₁₃₂, 3, 1, 0; 2001 AB₁₄, 4, 1, 0; 2001 AH₂₇, 3, 1, 0; 2001 AU₄₄, 3, 1, 0; 2001 BZ₇, 3, 1, 0; 2001 BX₂₀, 3, 1, 0; 2001 BM₂₅, 3, 1, 0; 2001 BQ₂₉, 3, 1, 0; 2001 BU₄₂, 3, 1, 0; 2001 BF₄₃, 3, 1, 0; 2001 BE₅₀, 3, 1, 0; 2001 BC₈₀, 3, 1, 0; 2001 CA₅, 3, 1, 0; 2001 CT₁₃, 3, 1, 0; 2001 CP₁₈, 6,

2, 735; 2001 CD₁₉, 3, 1, 0; 2001 CD₂₇, 3, 1, 0; 2001 CD₃₆, 4, 1, 0; 2234 T-2, 3, 1, 0; (19873), 3, 1, 0; (19965), 4, 1, 0; (20419), 4, 1, 0; (21586), 3, 1, 0; [308, 96, 0*, 1995/08/23-1999/01/10]

342 Shishikui

H. Maeno, Kokumin Shukusha Mitoko, Shishikui-cho, Kaifu-gun, Tokushima-ken,
775-0501 Japan [HGE00344@nifty.ne.jp]

0.15-m $f/5.0$ refracter

GSC

2000 AS₁₈₆, 3, 1, 0; 2000 WT₁₂₃, 3, 1, 0; 2001 CU₃, 6, 2, 1; [12, 3, 0*, 2001/02/14-2001/02/17]

344 Bohyunsan Optical Astronomy Observatory

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

Observers Y.-B. Jeon, B.-C. Lee

Measurer Y.-B. Jeon

1.8-m $f/8$ reflector + CCD

GSC

2000 QW₂₁₀, 3, 1, 0; [3, 1, 0*, 2000/12/08]

347 Utsunomiya-Imaizumi

M. Suzuki, 301 Mezon-do-Daihachi, 1571 Imaizumi-cho, Utsunomiya, Tochigi-ken
321-0962, Japan [mt-suzuki@rightnet.ne.jp]

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

GSC-ACT

(1362), 3, 1, 0; [3, 1, 0*, 2001/02/11]

348 Ayabe

N. Otuki, 21-8 Kyuta, Sato-cho, Ayabe, Kyoto-fu, 623-0005 Japan

[oomoon@crocus.ocn.ne.jp]

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

GSC

1950 DA, 2, 1, 0; 2001 CC₂₁, 2, 1, 0; [4, 2, 0*, 2001/02/20-2001/02/26]

349 Ageo

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

0.18-m $f/5.5$ reflector + CCD

GSC-ACT

1950 DA, 5, 1, 0; 1998 SF₃₆, 5, 1, 0; 2000 PN₉, 5, 1, 0; (5131), 3, 1, 0; (20790), 4, 1, 0; [22, 5, 0*, 2001/02/05-2001/03/02]

355 Hadano

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

[asami@st.rim.or.jp]

0.2-m $f/6.0$ reflector + CCD, 0.28-m $f/5.0$ reflector + CCD

GSC

1950 DA, 4, 1, 0; 1998 SF₃₆, 4, 1, 0; 2000 CK₃₃, 4, 1, 0; 2000 PN₉, 6, 1, 0; (1620), 4, 1, 0; (19356), 4, 1, 0; (20429), 4, 1, 0; (20790), 4, 1, 0; [34, 8, 0*, 2001/02/05-2001/03/02]

360 Kuma Kogen Astronomical Observatory

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

0.60-m $f/5.8$ Ritchey-Chrétien + CCD

GSC-ACT, USNO-A2.0

1994 YL, 2, 1, 0; 1997 GR₂₄, 2, 1, 0; 1998 EC₃, 4, 1, 0; 1998 SF₃₆, 3, 1, 0; 1999 CU₃, 3, 1, 0; 1999 RK₁₂₆, 3, 1, 0; 1999 TD₄, 2, 1, 0; 1999 VA₂₆, 8, 3, 24; 1999 WO, 6, 2, 7; 1999 XX₃₇, 4, 1, 0; 2000 WC₆₇, 3, 1, 0; 2000 WO₁₄₈, 3, 1, 0; 2000 YG₄, 2, 1, 0; 2000 YG₂₉, 3, 1, 0; 2000 YK₂₉, 3, 1, 0; 2001 AU₄₃, 3, 1, 0; 2001 BE₁₀, 3, 1, 0; 2001 BW₁₅, 4, 1, 0; 2001 BY₁₅, 3, 1, 0; 2001 BZ₃₉, 3,

1, 0; 2001 BA₄₀, 3, 1, 0; 2001 CA₃₂, 3, 1, 0; 2001 CB₃₂, 3, 1, 0; 2001 CC₃₂, 3, 1, 0; 2001 CQ₃₆, 3, 1, 0; 2001 CL₄₂, 3, 1, 0; 2001 DQ₈, 3, 1, 0; 2001 DS₈, 3, 1, 0; 2001 DU₈, 3, 1, 0; 2001 DD₁₅ *, 7, 2, 1; 2001 DE₁₅ *, 7, 2, 1; 2001 DF₄₇, 3, 1, 0; (9041), 2, 1, 0; (11587), 2, 1, 0; (13437), 4, 1, 0; [119, 35, 2*, 2001/02/02-2001/02/26]

376 Uenohara

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

0.30-m reflector + CCD

GSC

1993 SO₇, 2, 1, 0; 1997 EU₄₂, 2, 1, 0; 1999 RA₇₁, 2, 1, 0; 2000 YV₉₇, 2, 1, 0; 2001 BS₅₈, 2, 1, 0; 2001 DF₆₆, 5, 2, 6; [15, 6, 0*, 2001/01/29-2001/02/22]

411 Oizumi

T. Kobayashi, 1717-2 Shimo-Koizumi, Oizumi-machi, Ora-gun, Gunma-ken, 370-

0515 Japan [kobataka@sannet.ne.jp]

0.25-m $f/4.4$ reflector + CCD, 0.41-m $f/4.3$ reflector + CCD

GSC

1998 RK₂₆, 4, 2, 2; 1999 TP₂₁₅, 4, 2, 1; 1999 VZ₁₆₅, 4, 2, 2; 1999 VU₁₇₃, 4, 2, 1; 2001 BA₇₅, 4, 2, 3; 2001 CS₄, 4, 2, 1; 2001 CD₁₉, 4, 2, 1; 2001 CC₃₆ *, 4, 2, 1; 2001 CD₃₆ *, 4, 2, 1; 2001 CE₃₆ *, 4, 2, 1; 2001 CF₃₆ *, 4, 2, 1; 2001 CG₃₆ *, 4, 2, 1; 2001 CH₃₆ *, 4, 2, 1; 2001 CJ₃₆ *, 4, 2, 1; 2001 CK₃₆ *, 4, 2, 1; 2001 CL₃₆ *, 4, 2, 1; 2001 CM₃₆ *, 4, 2, 1; 2001 CN₃₆ *, 4, 2, 1; 2001 CO₃₆ *, 4, 2, 1; 2001 DR *, 4, 2, 1; 2001 DF₇ *, 4, 2, 2; 2001 DG₇ *, 4, 2, 2; 2001 DH₇ *, 4, 2, 2; 2001 DJ₇ *, 4, 2, 2; 2001 DK₇ *, 4, 2, 2; 2001 DL₇ *, 4, 2, 2; 2001 DM₇ *, 4, 2, 2; 2001 DN₇ *, 4, 2, 2; 2001 DO₇ *, 4, 2, 2; 2001 DP₇ *, 4, 2, 2; 2001 DQ₇ *, 4, 2, 2; 2001 DO₈ *, 4, 2, 3; 2001 DH₁₃ *, 4, 2, 1; 2001 DJ₁₃ *, 4, 2, 1; 2001 DK₁₃ *, 4, 2, 1; 2001 DL₁₃ *, 4, 2, 1; 2001 DM₁₃ *, 4, 2, 1; 2001 DN₁₃ *, 4, 2, 1; 2001 DO₁₃ *, 4, 2, 1; 2001 DP₁₃ *, 4, 2, 1; 2001 DQ₁₃ *, 4, 2, 1; 2001 DR₁₃ *, 4, 2, 1; 2001 DS₁₃ *, 4, 2, 1; 2001 DT₁₃ *, 4, 2, 1; 2001 DU₁₃ *, 4, 2, 1; 2001 DL₅₄ *, 6, 3, 3; 2001 DM₅₄ *, 6, 3, 3; 2001 DA₈₁ *, 4, 2, 1; 2001 DB₈₁ *, 4, 2, 1; 2001 DC₈₁ *, 4, 2, 1; 2001 DD₈₁ *, 4, 2, 1; 2001 DE₈₁ *, 4, 2, 1; 2001 DF₈₁ *, 4, 2, 1; 2001 DG₈₁ *, 4, 2, 1; 2001 DH₈₁ *, 4, 2, 1; 2001 DJ₈₁ *, 4, 2, 1; 2001 DK₈₁ *, 4, 2, 1; 2001 DL₈₁ *, 4, 2, 1; 2001 DM₈₁ *, 4, 2, 1; 2001 DN₈₁ *, 4, 2, 1; 2001 DO₈₁ *, 4, 2, 1; (20991), 4, 2, 1; (21459), 4, 2, 1; [256, 63, 54*, 2001/02/15-2001/02/27]

413 Siding Spring

R. H. McNaught, Research School of Astronomy and Astrophysics,

Siding Spring Observatory, Coonabarabran, NSW 2357, Australia

[rmn@aaocbn.aao.gov.au] (1)

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

[classe@astro.uu.se] (8)

Observers R. H. McNaught, M. Hartley, K. S. Russell

Measurers R. H. McNaught, O. Hernius

1.0-m $f/8$ reflector + CCD, 1.2-m U. K. Schmidt

Tycho-2, GSC-ACT, UCAC1

{1} 1986 QQ₃, 1, 1, 0; 1990 OB₁, 1, 1, 0; 1990 QQ₆, 1, 1, 0; 1991 UE₁, 1, 1, 0; 1993 FF₅, 1, 1, 0; 1993 FP₈, 1, 1, 0; 1993 FY₁₀, 1, 1, 0; 1993 FQ₁₁, 1, 1, 0; 1993 FY₁₄, 1, 1, 0; 1993 FE₁₆, 1, 1, 0; 1993 FC₁₇, 1, 1, 0; 1993 FU₁₉, 1, 1, 0; 1993 FL₂₂, 1, 1, 0; 1993 FD₂₄, 1, 1, 0; 1993 FO₃₂, 1, 1, 0; 1993 FW₃₅, 1, 1, 0; 1993 FE₄₀, 1, 1, 0; 1993 FW₄₇, 1, 1, 0; 1993 FH₅₀, 1, 1, 0; 1993 FB₅₂, 1, 1, 0; 1993 FN₅₃, 1, 1, 0; 1993 FM₅₇, 1, 1, 0; 1993 FT₆₄, 1, 1, 0; 1993 HO₂, 1, 1, 0; 1994 RX₄, 1, 1, 0; 1995 UY₈, 1, 1, 0; 1997 JE₁₈, 1, 1, 0; 1997 UU₁₄, 1, 1, 0; 1998 FH₃₀, 1, 1, 0; 1998 FB₄₀, 1, 1, 0; 1998 FW₄₃, 1, 1, 0; 1998 FA₅₇, 1, 1, 0; 1998 FN₆₅, 1, 1, 0; 1998 FZ₆₇, 1, 1, 0; 1998 FT₉₅, 1, 1, 0; 1998 FJ₉₇, 1, 1, 0; 1998 QA₅, 1, 1, 0; 1998 QK₂₀, 1, 1, 0; 1998 QB₂₄, 1, 1, 0; 1998 QF₆₀, 1, 1, 0; 1998 RP₄₄, 1, 1, 0; 1998 RM₅₅, 2, 2, 2; 1998 RL₇₂, 1, 1, 0; 1998 RO₈₀, 1, 1, 0; 1998 SW₂₃, 1, 1, 0; 1998 SR₃₅, 1, 1, 0; 1998 SX₇₁, 1, 1, 0; 1998 SD₇₉, 1, 1, 0; 1998 SY₁₂₈, 1, 1, 0; 1998 TM₃₂, 2, 2, 3; 1998 WV₂, 1, 1, 0; 1998 WG₂₃, 1, 1, 0; 1998 WH₂₃, 1, 1, 0; 1998 XL₄₈, 1, 1, 0; 1999 BL₁₂, 1, 1, 0; 1999 BF₁₃, 1, 1, 0; 1999 CF₆₁, 1, 1, 0; 1999 GV₁₀, 1, 1, 0; 1999 JB₄₆, 1, 1, 0; 1999 JW₅₉, 1, 1, 0; 1999 KH₃, 1, 1, 0; 1999 RM₈₂, 1, 1, 0; 1999 RA₁₅₈, 1, 1, 0; 1999 RF₁₈₀, 1, 1, 0; 1999 SD₁₈, 3, 1, 0; 1999 TH₁₃, 1, 1, 0; 1999 TJ₃₁, 1, 1, 0; 1999 TO₃₃, 1, 1, 0; 1999 TX₉₅, 1, 1, 0; 1999 TB₁₂₂, 1, 1, 0; 1999 TB₁₂₆, 1, 1, 0; 1999 TY₁₃₂, 1, 1, 0; 1999 TP₁₄₂, 1, 1, 0; 1999 TY₁₄₃, 1, 1, 0; 1999 TP₁₄₇, 1, 1, 0; 1999 TT₁₆₅, 1, 1, 0; 1999 TN₂₇₉, 1, 1, 0; 1999 VG₆, 1, 1, 0; 1999 VG₁₇, 1, 1, 0; 1999 VX₁₅₉, 1, 1, 0; 1999 VC₁₆₀, 1, 1, 0; 1999 XU₂₃, 1, 1, 0; 1999 XT₃₆, 1, 1, 0; 1999 XJ₄₀, 1, 1, 0; 1999 XQ₆₀, 1, 1, 0; 1999 XN₈₄, 1, 1, 0; 1999 XD₁₂₃, 1, 1, 0; 1999 XP₁₈₄, 1, 1, 0; 1999 XA₁₉₂, 1, 1, 0; 1999 XR₂₄₁, 1, 1, 0; 2000 AD₁, 1, 1, 0; 2000 AC₃₁, 1, 1, 0; 2000 AS₄₁, 1, 1, 0; 2000 AD₇₁, 1, 1, 0; 2000 AQ₈₈, 1, 1, 0; 2000 AX₁₄₀, 1, 1, 0; 2000 AH₁₆₂, 1, 1, 0; 2000 AX₁₈₆, 1, 1, 0;

2000 AB₂₀₈, 1, 1, 0; 2000 AC₂₃₃, 1, 1, 0; 2000 AV₂₃₆, 1, 1, 0; 2000 BL₁₄, 1, 1, 0; 2000 BX₂₂, 1, 1, 0; 2000 BN₂₇, 1, 1, 0; 2000 BV₃₁, 1, 1, 0; 2000 CN₁, 1, 1, 0; 2000 CX₂₁, 1, 1, 0; 2000 CC₆₃, 1, 1, 0; 2000 CD₈₁, 1, 1, 0; 2000 CP₈₃, 1, 1, 0; 2000 CO₈₈, 1, 1, 0; 2000 DY₅₅, 1, 1, 0; 2000 DZ₆₇, 1, 1, 0; 2000 DT₁₀₅, 1, 1, 0; 2000 EH₇₄, 1, 1, 0; 2000 EG₈₃, 1, 1, 0; 2000 EE₉₂, 1, 1, 0; 2000 EL₁₀₆, 1, 1, 0; 2000 ES₁₁₀, 1, 1, 0; 2000 EN₁₃₂, 1, 1, 0; 2000 EQ₁₄₀, 1, 1, 0; 2000 ER₁₄₈, 1, 1, 0; 2000 FT₁₅, 1, 1, 0; 2000 FZ₄₀, 1, 1, 0; 2000 FS₄₁, 1, 1, 0; 2000 FX₇₃, 2, 1, 0; 2000 GK₅, 1, 1, 0; 2000 GW₂₄, 1, 1, 0; 2000 GT₅₀, 1, 1, 0; 2000 GC₆₇, 1, 1, 0; 2000 GX₆₉, 1, 1, 0; 2000 GD₇₂, 1, 1, 0; 2000 GS₈₉, 1, 1, 0; 2000 GL₁₀₀, 1, 1, 0; 2000 GC₁₀₁, 1, 1, 0; 2000 GN₁₀₅, 1, 1, 0; 2000 HQ₅, 1, 1, 0; 2000 HT₂₇, 1, 1, 0; 2000 HZ₃₄, 1, 1, 0; 2000 HK₈₇, 1, 1, 0; 2000 JD₂₄, 1, 1, 0; 2000 JF₄₄, 1, 1, 0; 2000 JF₅₈, 1, 1, 0; 2000 OQ₁₆, 1, 1, 0; 2000 OX₄₀, 1, 1, 0; 2000 OS₄₅, 1, 1, 0; 2000 PB₂₂, 1, 1, 0; 2000 QX₅, 1, 1, 0; 2000 QG₃₁, 1, 1, 0; 2000 QD₄₅, 1, 1, 0; 2000 QN₅₁, 1, 1, 0; 2000 QX₅₄, 1, 1, 0; 2000 QP₉₈, 1, 1, 0; 2000 QS₁₃₆, 1, 1, 0; 2000 QL₁₅₉, 1, 1, 0; 2000 QM₁₆₉, 1, 1, 0; 2000 QB₁₉₂, 1, 1, 0; 2000 QG₂₁₂, 1, 1, 0; 2000 RU₁₂, 1, 1, 0; 2000 RT₁₅, 1, 1, 0; 2000 RC₇₀, 1, 1, 0; 2000 RX₈₅, 1, 1, 0; 2000 SV₁₆, 1, 1, 0; 2000 SN₁₀₅, 1, 1, 0; 2000 SM₁₁₀, 1, 1, 0; 2000 SJ₁₈₂, 1, 1, 0; 2000 SM₁₈₄, 1, 1, 0; 2000 UG₄₆, 1, 1, 0; 2000 UY₄₆, 1, 1, 0; 2000 UH₇₈, 1, 1, 0; 2000 VN₅₉, 1, 1, 0; 2000 WG₆, 5, 2, 1; 2000 WQ₁₉, 6, 2, 1; 2000 WF₃₃, 1, 1, 0; 2000 WG₅₅, 1, 1, 0; 2000 WJ₆₃, 3, 1, 0; 2000 WK₆₃, 3, 1, 0; 2000 WM₁₀₇, 1, 1, 0; 2000 WP₁₄₈, 3, 1, 0; 2000 WQ₁₄₈, 6, 1, 0; 2000 XC₅, 1, 1, 0; 2000 YF₁₆, 1, 1, 0; 2001 BE₆₂, 1, 1, 0; 2001 CD₂₁, 3, 1, 0; 2001 CC₃₀, 1, 1, 0; 2001 CD₄₀, 1, 1, 0; 2001 DX₁₀, 1, 1, 0; 3101 T-1, 1, 1, 0; 1198 T-2, 1, 1, 0; 5132 T-2, 1, 1, 0; 2256 T-3, 1, 1, 0; (21523), 2, 1, 0; [220, 192, 0*, 1993/04/16-2001/02/04]

{8} 1998 CH₃, 1, 1, 0; 1999 FU₂₇, 1, 1, 0; 1999 HT₁₀, 1, 1, 0; 1999 VC₉₈, 1, 1, 0; 1999 WD₂, 1, 1, 0; 1999 XL₅₃, 1, 1, 0; 1999 XR₁₂₃, 1, 1, 0; 2000 AU₁₄₀, 1, 1, 0; 2000 CD₂₉, 1, 1, 0; 2000 CU₆₃, 1, 1, 0; 2000 RW₇₁, 1, 1, 0; 2000 SS₈₈, 1, 1, 0; (19008), 1, 1, 0; (19799), 1, 1, 0; (19806), 1, 1, 0; (19820), 1, 1, 0; (20110), 1, 1, 0; (20638), 1, 1, 0; (20875), 1, 1, 0; (20890), 1, 1, 0; (20941), 1, 1, 0; (21084), 1, 1, 0; (21142), 1, 1, 0; (21236), 1, 1, 0; (21694), 1, 1, 0; (21997), 1, 1, 0; (22058), 1, 1, 0; (22164), 1, 1, 0; [28, 28, 0*, 1993/04/16-1993/04/21]

422 Loomberah

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

[loomberah@ozemail.com.au]

0.45-m $f/5.4$ reflector + CCD

GSC-ACT, UCAC-1

2000 PN₉, 6, 2, 1; 2000 VJ₆₁, 2, 1, 0; (5535), 7, 2, 1; (20826), 3, 1, 0; [18, 4, 0*, 2001/02/22-2001/02/23]

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

1991 GW₁, 6, 4, 6; [6, 1, 0*, 2001/02/18-2001/02/24]

426 Woomera

F. B. Zoltowski, Tebbutt Observatory, 70 Abajo Dr., Edgewood, NM 87015, U.S.A.

[fbzolt@compuserve.com]

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

USNO-SA2.0

1999 TK₁₉₄, 3, 1, 0; [3, 1, 0*, 1998/08/26]

428 Reedy Creek

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

[reedyck@one.net.au]

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

GSC-ACT

1994 AW₁, 3, 1, 0; 1998 KJ₅₈, 3, 1, 0; 1998 OD₁₂, 5, 3, 13; 1998 OG₁₂, 3, 2, 1; 1998 QH₂, 3, 2, 8; 1998 QE₄, 2, 1, 0; 1998 VF₃₁, 2, 1, 0; 1998 WT₅, 1, 0; 1998 WJ₈, 3, 2, 3; 1999 HB₃, 2, 1, 0; 1999 ON₁, 1, 1, 0; 1999 PE₄, 4, 2, 3; 1999 PU₄, 2, 1, 0; 1999 SL₂, 1, 0; 1999 VW₁₉, 3, 2, 2; 1999 XB₈, 2, 2, 3; 2000 RL₇₇, 3, 2, 1; 2000 UE₁₁₀, 4, 2, 8; 2000 WC₆₇, 2, 1, 0; 2000 YG₄, 2, 1, 0; 2001 AQ₁₇, 4, 2, 1; 2001 AF₄₈, 3, 2, 3; 2001 BV₆₇, 3, 1, 0; 2001 CC₂₁, 4, 2, 2; 2001 DS₈, 1, 1, 0; 2001 DU₈, 1, 1, 0; 2001 DF₆₄, 4, 2, 1; 2001 DA₇₇, 2, 1, 0; 2001 DJ₈₀ *, 3, 2, 1; (8749), 2, 1, 0; (18736), 3, 1, 0; (21690), 2, 1, 0; [88, 32, 1*, 1999/09/05-2001/02/25]

461 JATE Asteroid Survey, Piskésetető Stn. (Konkoly)

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

Observers K. Sárneczky, L. Kiss, K. Sziládi

Measurer K. Sárneczky

0.60-m Schmidt + CCD

USNO-A2.0

1950 DA, 5, 1, 0; 1971 FB, 3, 1, 0; 1996 HU₂₅, 4, 1, 0; 1999 AS, 4, 1, 0; 1999 TN₃, 6, 2, 2; 2000 HE, 10, 3, 4; 2000 OG, 3, 1, 0; 2000 RS₁₁, 2, 1, 0; 2001 DQ₈₆ *, 4, 2, 1; 2001 DR₈₆ *, 7, 2, 1; 2001 DS₈₆ *, 6, 2, 1; 2001 DT₈₆ *, 6, 2, 1; 2001 DU₈₆ *, 6, 2, 1; 2001 DV₈₆ *, 6, 2, 1; (434), 4, 1, 0; (725), 16, 4, 5; (792), 8, 2, 1; (6735), 12, 3, 2; (7505), 4, 1, 0; [116, 19, 6*, 2000/04/21-2001/02/28]

468 Astronomical Observatory, Campo Catino

F. Mallia, Via dei Siculi 37, I-04100 Latina, Italy [pa0115@panservice.it]

Observers F. Mallia, M. Di Sora

0.25-m *f*/3 reflector + CCD

GSC, USNO-SA1.0

1999 RQ₃₂, 2, 1, 0; 2000 YJ₈, 3, 1, 0; [5, 2, 0*, 2001/02/16]**473 Remanzacco**

G. Sostero, via S.Stefano 31, I-33047 Remanzacco (UD), Italy

[sostero@elettra.trieste.it]

Observers L. Donato, S. Garzia, V. Gonano, V. Santini

Measurer G. Sostero

0.30-m *f*/2.8 reflector + CCD

GSC

2001 CK₃₂, 3, 1, 0; [3, 1, 0*, 2001/02/15]**474 Mount John**

A. C. Gilmore, Mt. John University Observatory, P.O. Box 56, Lake Tekapo, 8770

New Zealand [a.gilmore@phys.canterbury.ac.nz]

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

USNO-A2.0

1997 AQ₁₈, 2, 1, 0; 2000 QU₇, 3, 1, 0; 2000 RM₁₂, 3, 1, 0; 2000 TO₆₄, 3, 1, 0; 2000 UJ₁, 5, 1, 0; 2001 CB₂₁, 5, 2, 3; 2001 DK₈₀, 4, 1, 0; (3838), 3, 1, 0; [28, 8, 0*, 2001/02/03-2001/02/25]

504 Le Creusot

J.-C. Merlin, 18 rue P. Mendès-France, F-71200 Le Creusot, France

[merlin@obsmp.fr]

0.40-m *f*/5.1 reflector + CCD

GSC

1998 SQ₆, 3, 1, 0; 1999 TL₁₉₂, 3, 1, 0; 1999 XJ₃₆, 3, 1, 0; 1999 XF₃₇, 3, 1, 0; 2000 WO₆₀, 3, 1, 0; 2000 XS₁₀, 4, 1, 0; 2001 DV₆₄, 3, 1, 0; (2073), 3, 1, 0; (7730), 2, 1, 0; (11764), 3, 1, 0; (12632), 1, 1, 0; (21473), 2, 1, 0; [33, 12, 0*, 2001/02/15-2001/02/25]

517 Geneva

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

[raoul.behrend@obs.unige.ch]

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

Tycho-2

(399), 3, 1, 0; (796), 9, 1, 0; (912), 4, 1, 0; (4063), 3, 1, 0; [19, 4, 0*, 2001/02/15-2001/02/21]

540 Linz

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

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Observers E. Meyer, H. Raab, E. Obermair

0.60-m *f*/3.3 reflector + CCD

USNO-SA2.0

2000 WO₁₄₈, 3, 1, 0; 2000 XG₄₇, 4, 1, 0; 2000 YM₂₉, 3, 1, 0; 2001 AU₄₇, 5, 1, 0; 2001 BE₁₀, 3, 1, 0; 2001 CC₂₁, 3, 1, 0; [21, 6, 0*, 2001/02/08-2001/02/17]

552 San Vittore

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

[ermes.colombini@tin.it]

Observers G. Sassi, E. Colombini, R. Di Luca

0.45-m *f*/3.3 reflector + CCD

GSC

1995 QT₃, 4, 1, 0; 1997 EX₇, 6, 2, 9; 1997 JQ, 10, 2, 1; 1997 JV, 4, 1, 0; 1998 CB₄, 3, 1, 0; 1999 TD₁₉₈, 3, 1, 0; 1999 XB₅₃, 3, 1, 0; 2000 HF₂₆, 2, 1, 0; 2001 BH₃₅, 3, 1, 0; 2001 DJ₅₉, 3, 1, 0; (22005), 2, 1, 0; [43, 11, 0*, 1996/02/24-2001/02/23]

557 Ondřejov

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

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

0.65-m *f*/3.6 reflector + CCD

USNO-SA2.0

1950 DA, 14, 1, 0; 1992 NF, 2, 1, 0; 1995 SJ₁, 1, 1, 0; 1997 EH₁₅, 1, 1, 0; 1997 GC, 4, 1, 0; 1997 GN₁, 4, 2, 1; 1997 UJ, 2, 1, 0; 1998 FC₇₁, 5, 2, 1; 1998 HN₄₆, 6, 1, 0; 1998 OZ₄, 4, 2, 9; 1998 OH₇, 2, 1, 0; 1998 SF₃₆, 7, 1, 0; 1999 NG₃₀, 7, 3, 2; 1999 PF₃, 4, 1, 0; 1999 RO, 4, 2, 1; 1999 RR₃₁, 5, 2, 1; 1999 RU₃₁, 2, 1, 0; 1999 RW₃₄, 4, 2, 1; 1999 RW₃₅, 4, 2, 1; 1999 RP₃₈, 7, 3, 3; 1999 RY₄₁, 3, 1, 0; 1999 RF₄₂, 2, 1, 0; 1999 RG₁₈₇, 4, 1, 0; 1999 RO₁₉₀, 3, 1, 0; 1999 SP₁, 4, 2, 1; 1999 SU₂, 4, 2, 1; 1999 TJ₂, 4, 2, 1; 1999 TX₃, 5, 2, 3; 1999 TZ₃, 2, 1, 0; 1999 TJ₅, 2, 1, 0; 1999 TS₁₄, 8, 3, 20; 1999 TH₁₇, 3, 1, 0; 1999 TT₁₇, 5, 2, 9; 1999 TT₉₆, 4, 1, 0; 1999 TK₂₄₂, 2, 1, 0; 1999 UN₇, 2, 1, 0; 1999 VG₄₃, 5, 2, 1; 1999 VR₇₂, 5, 2, 3; 1999 VT₈₁, 2, 1, 0; 1999 WA₁₃, 3, 2, 1; 1999 XH₁₅, 2, 1, 0; 1999 XH₁₀₅, 7, 2, 9; 1999 XD₁₂₁, 4, 1, 0; 1999 XN₁₂₇, 4, 2, 6; 1999 XW₂₁₂, 2, 1, 0; 2000 AL₁₆, 2, 1, 0; 2000 AW₄₉, 6, 2, 3; 2000 OC₁₅, 3, 1, 0; 2000 SS₁₆₄, 11, 2, 11; 2000 WW₅₄, 2, 1, 0; 2000 WN₁₀₇, 4, 2, 1; 2000 WV₁₆₈, 2, 1, 0; 2000 YH₆₆, 3, 1, 0; 2000 YM₁₀₆, 2, 1, 0; 2000 YL₁₁₇, 1, 1, 0; 2000 YA₁₃₃, 4, 1, 0; 2000 YV₁₃₇, 3, 1, 0; 2001 AB₂, 11, 4, 13; 2001 AD₁₂, 3, 1, 0; 2001 AS₁₄, 4, 1, 0; 2001 AY₁₈, 4, 1, 0; 2001 AQ₂₂, 5, 1, 0; 2001 BQ₈, 2, 1, 0; 2001 BK₁₆, 2, 1, 0; 2001 BR₅₀, 4, 2, 11; 2001 BS₅₀, 2, 1, 0; 2001 BT₅₀, 8, 3, 13; 2001 BH₇₄, 1, 1, 0; 2001 CL₂₀, 3, 1, 0; 2001 CY₃₁, 2, 1, 0; 2001 CA₃₂, 6, 2, 1; 2001 CB₃₂, 10, 3, 2; 2001 CC₃₂, 10, 3, 2; 2001 CD₃₂, 8, 3, 2; 2001 CE₃₂, 4, 2, 1; 2001 CK₃₂, 9, 2, 1; 2001 CU₃₅, 3, 1, 0; 2001 CP₃₆, 19, 2, 3; 2001 CQ₃₆, 6, 2, 1; 2001 CY₃₆ *, 11, 3, 2; 2001 CZ₃₆ *, 10, 4, 13; 2001 CA₃₇ *, 8, 3, 13; 2001 CB₃₇ *, 6, 3, 13; 2001 CS₄₁ *, 4, 2, 1; 2001 CT₄₁ *, 9, 3, 12; 2001 CU₄₁ *, 5, 2, 1; 2001 CV₄₁ *, 4, 2, 1; 2001 CJ₄₂, 2, 1, 0; 2001 CK₄₂, 3, 1, 0; 2001 CL₄₂, 2, 1, 0; 2001 DN *, 4, 2, 1; 2001 DO *, 8, 3, 12; 2001 DP *, 7, 3, 9; 2001 DP₈, 5, 1, 0; 2001 DQ₈, 3, 1, 0; 2001 DS₈, 4, 1, 0; 2001 DU₈, 5, 1, 0; 2001 DV₈, 2, 1, 0; 2001 DC₁₅, 4, 1, 0; 2001 DF₈₀, 5, 1, 0; 2001 DG₈₀, 4, 1, 0; 2001 DH₈₀ *, 8, 3, 9; 2001 DO₈₆ *, 7, 2, 3; 2001 DP₈₆ *, 5, 2, 3; (832), 4, 1, 0; (1963), 6, 1, 0; (2675), 3, 1, 0; (3199), 13, 2, 3; (3962), 3, 1, 0; (4439), 3, 1, 0; (5251), 3, 1, 0; (6717), 3, 1, 0; (11792), 2, 1, 0; (12964), 2, 1, 0; (20214), 5, 2, 1; (20258), 3, 1, 0; (20321), 3, 1, 0; (20935), 3, 1, 0; (21139), 2, 1, 0; (22089), 6, 1, 0; [548, 120, 14*, 1999/08/11-2001/03/02]

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

1983 RJ₁, 3, 1, 0; 1993 DK₂, 3, 1, 0; 1995 SY₇, 3, 1, 0; 1995 SN₃₂, 3, 1, 0; 1995 WA₃₁, 3, 1, 0; 1996 TB₆₇, 3, 1, 0; 1997 CT₆, 3, 1, 0; 1997 CG₃₀, 3, 1, 0; 1997 EL₃₃, 3, 1, 0; 1997 EY₃₆, 3, 1, 0; 1997 EY₄₈, 3, 1, 0; 1997 JC₁₆, 3, 1, 0; 1997 PR₃, 3, 1, 0; 1997 XC₁, 3, 1, 0; 1997 XT₄, 6, 2, 28; 1998 AS₅, 3, 1, 0; 1998 AX₆, 3, 1, 0; 1998 DO₁₃, 6, 2, 36; 1998 DJ₁₅, 3, 1, 0; 1998 FU₁₈, 3, 1, 0; 1998 FA₃₈, 6, 2, 28; 1998 FJ₈₂, 6, 2, 56; 1998 FH₉₀, 3, 1, 0; 1998 FT₉₃, 3, 1, 0; 1998 FJ₁₁₀, 3, 1, 0; 1998 FN₁₁₂, 3, 1, 0; 1998 GE₄, 6, 2, 57; 1998 GU₅, 3, 1, 0; 1998 HC₁₉, 3, 1, 0; 1998 HP₈₁, 3, 1, 0; 1998 HT₁₀₁, 3, 1, 0; 1998 HQ₁₄₂, 3, 1, 0; 1998 RG₇₉, 3, 1, 0; 1998 SN₈, 3, 1, 0; 1998 SE₅₉, 3, 1, 0; 1998 SX₇₂, 3, 1, 0; 1998 SM₉₃, 6, 1, 0; 1998 SH₁₃₃, 3, 1, 0; 1998 SQ₁₃₃, 3, 1, 0; 1998 TN₅, 3, 1,

0; 1998 TB₃₄, 3, 1, 0; 1998 TY₃₄, 3, 1, 0; 1998 US₄, 3, 1, 0; 1998 UO₂₀, 3, 1, 0; 1998 WL₂, 3, 1, 0; 1998 WP₁₈, 6, 2, 26; 1998 XZ₅₀, 3, 1, 0; 1998 XS₇₆, 3, 1, 0; 1998 YL₁, 3, 1, 0; 1999 AR₅, 3, 1, 0; 1999 AL₂₁, 3, 1, 0; 1999 AU₃₂, 3, 1, 0; 1999 BT₈, 6, 2, 500; 1999 BG₂₀, 3, 1, 0; 1999 BQ₂₈, 3, 1, 0; 1999 CY₄, 6, 1, 0; 1999 CA₁₉, 3, 1, 0; 1999 CF₃₅, 3, 1, 0; 1999 CY₇₅, 3, 1, 0; 1999 CU₈₁, 6, 2, 559; 1999 CA₁₁₀, 3, 1, 0; 1999 CV₁₁₀, 3, 1, 0; 1999 CO₁₃₇, 3, 1, 0; 1999 FJ₃, 3, 1, 0; 1999 FD₂₂, 3, 1, 0; 1999 FG₃₆, 3, 1, 0; 1999 FF₃₈, 3, 1, 0; 1999 GM₄, 2, 1, 0; 1999 GE₅, 6, 2, 60; 1999 GR₅, 3, 1, 0; 1999 GM₇, 3, 1, 0; 1999 GT₂₀, 3, 1, 0; 1999 GN₃₆, 3, 1, 0; 1999 GG₃₉, 3, 1, 0; 1999 GD₄₇, 6, 1, 0; 1999 GY₄₉, 3, 1, 0; 1999 GL₅₃, 3, 1, 0; 1999 JW₃₂, 3, 1, 0; 1999 JT₄₄, 3, 1, 0; 1999 JU₄₉, 3, 1, 0; 1999 JY₇₃, 3, 1, 0; 1999 JA₁₃₆, 3, 1, 0; 1999 NV₂, 6, 2, 26; 1999 NX₉, 3, 1, 0; 1999 NP₁₀, 3, 1, 0; 1999 RA₁₄, 3, 1, 0; 1999 RD₁₈, 3, 1, 0; 1999 RE₈₂, 3, 1, 0; 1999 RU₉₅, 3, 1, 0; 1999 RE₉₉, 3, 1, 0; 1999 RY₁₁₁, 3, 1, 0; 1999 RF₁₂₅, 3, 1, 0; 1999 RA₁₃₈, 3, 1, 0; 1999 RE₁₄₁, 3, 1, 0; 1999 RJ₁₇₃, 3, 1, 0; 1999 RQ₁₇₃, 3, 1, 0; 1999 TC₂₃, 3, 1, 0; 1999 TK₁₀₃, 3, 1, 0; 1999 TH₁₄₇, 3, 1, 0; 1999 TA₁₇₀, 3, 1, 0; 1999 TQ₁₈₉, 3, 1, 0; 1999 TZ₂₀₉, 3, 1, 0; 1999 TX₂₂₇, 3, 1, 0; 1999 TY₃₂₁, 3, 1, 0; 1999 UY₅, 3, 1, 0; 1999 UB₄₄, 3, 1, 0; 1999 VW₁₆, 3, 1, 0; 1999 VR₄₉, 3, 1, 0; 1999 VX₅₁, 3, 1, 0; 1999 VE₁₄₅, 3, 1, 0; 1999 WE₆, 3, 1, 0; 1999 WO₁₃, 3, 1, 0; 1999 XC₃₉, 3, 1, 0; 1999 XD₅₃, 3, 1, 0; 1999 XZ₆₈, 3, 1, 0; 1999 XJ₇₀, 3, 1, 0; 1999 XP₁₃₅, 3, 1, 0; 1999 XT₁₈₄, 3, 1, 0; 1999 XT₂₃₆, 3, 1, 0; 2000 AR₁₆, 3, 1, 0; 2000 AD₅₂, 3, 1, 0; 2000 AH₃₉, 3, 1, 0; 2000 AM₁₉₇, 3, 1, 0; 2000 CT₄₀, 3, 1, 0; 2000 CG₈₂, 3, 1, 0; 2000 CK₈₃, 6, 1, 0; 2000 DB₁₅, 3, 1, 0; 2000 DH₃₂, 6, 2, 438; 2000 EB₅₈, 3, 1, 0; 2000 ES₆₈, 3, 1, 0; 2000 EQ₁₃₇, 3, 1, 0; 2000 FC₁, 3, 1, 0; 2000 FS₃, 3, 1, 0; 2000 FT₃₈, 3, 1, 0; 2000 FX₄₈, 3, 1, 0; 2000 GG₃, 3, 1, 0; 2000 GV₁₆, 3, 1, 0; 2000 GM₉₁, 3, 1, 0; 2000 GN₉₄, 6, 2, 387; 2000 GU₁₂₆, 6, 2, 477; 2000 GJ₁₃₆, 3, 1, 0; 2000 HJ₆₄, 3, 1, 0; 2000 JE₁₇, 3, 1, 0; 2000 JR₂₃, 3, 1, 0; 2000 JW₂₄, 6, 2, 32; 2000 JZ₄₅, 3, 1, 0; 2000 JJ₆₆, 3, 1, 0; 2000 KJ₅₈, 3, 1, 0; 2000 KA₇₃, 3, 1, 0; 2000 LD₁, 3, 1, 0; 2000 LR₂₇, 3, 1, 0; 2000 NA₁₀, 3, 1, 0; 2000 NW₁₂, 3, 1, 0; 2000 NM₁₆, 3, 1, 0; 2000 NQ₂₆, 3, 1, 0; 2000 PC₆, 3, 1, 0; 2000 PN₇, 3, 1, 0; 2000 PR₇, 3, 1, 0; 2000 PQ₁₀, 3, 1, 0; 2000 PC₁₂, 3, 1, 0; 2000 PQ₁₃, 6, 1, 0; 2000 QO₆₂, 3, 1, 0; 2000 QD₇₃, 3, 1, 0; 2000 QV₇₈, 3, 1, 0; 2000 QU₈₀, 3, 1, 0; 2000 QY₁₄₁, 3, 1, 0; 2000 QB₁₅₁, 3, 1, 0; 2000 QM₁₆₉, 3, 1, 0; 2000 QL₁₈₁, 3, 1, 0; 2000 QU₁₉₁, 3, 1, 0; 2000 QS₂₂₇, 3, 1, 0; 2000 RB₃₉, 3, 1, 0; 2000 RN₄₆, 3, 1, 0; 2000 RA₅₅, 3, 1, 0; 2000 RY₇₃, 3, 1, 0; 2000 RT₈₂, 9, 3, 58; 2000 ST₁, 3, 1, 0; 2000 SF₇, 3, 1, 0; 2000 SJ₇₆, 6, 2, 27; 2000 SZ₁₀₆, 3, 1, 0; 2000 SJ₁₁₆, 3, 1, 0; 2000 SR₁₂₀, 3, 1, 0; 2000 SH₁₂₃, 3, 1, 0; 2000 SU₁₂₄, 3, 1, 0; 2000 SP₁₄₉, 6, 2, 27; 2000 SK₁₅₆, 6, 2, 30; 2000 SU₁₆₀, 3, 1, 0; 2000 SD₁₇₈, 3, 1, 0; 2000 SQ₂₀₈, 3, 1, 0; 2000 SQ₂₂₆, 3, 1, 0; 2000 SB₂₃₉, 3, 1, 0; 2000 ST₂₇₅, 6, 2, 29; 2000 TC₂₁, 6, 2, 27; 2000 TP₂₄, 3, 1, 0; 2000 TQ₃₃, 3, 1, 0; 2000 UD₇, 3, 1, 0; 2000 UN₉₀, 3, 1, 0; 2000 UZ₉₄, 3, 1, 0; 2000 UY₁₀₉, 3, 1, 0; 2000 VJ₁₄, 3, 1, 0; 2000 VG₃₄, 3, 1, 0; 2000 VQ₄₆, 3, 1, 0; 2000 WW₆, 3, 1, 0; 2000 WD₂₄, 6, 1, 0; 2000 WB₃₁, 3, 1, 0; 2000 WO₇₃, 3, 1, 0; 2000 WU₁₃₂, 3, 1, 0; 2000 WV₁₅₄, 3, 1, 0; 2000 WG₁₅₈, 3, 1, 0; 2000 XC₃₈, 3, 1, 0; 2000 YL₃₅, 3, 1, 0; 2000 YU₇₂, 3, 1, 0; 2000 YH₁₀₈, 3, 1, 0; 2000 YC₁₁₀, 3, 1, 0; 2000 YH₁₁₃, 3, 1, 0; 2000 YB₁₁₆, 9, 2, 22; 2000 YD₁₁₈, 3, 1, 0; 2000 YM₁₂₃, 3, 1, 0; 2001 AE₂, 3, 1, 0; 2001 AN₅, 3, 1, 0; 2001 AZ₁₀, 3, 1, 0; 2001 AU₁₂, 3, 1, 0; 2001 AE₁₈, 3, 1, 0; 2001 AJ₁₉, 3, 1, 0; 2001 AE₂₁, 3, 1, 0; 2001 AN₂₃, 3, 1, 0; 2001 AH₂₅, 3, 1, 0; 2001 AL₂₈, 3, 1, 0; 2001 AB₂₉, 3, 1, 0; 2001 AD₄₅, 3, 1, 0; 2001 BZ₆, 1, 0; 2001 BO₉, 3, 1, 0; 2001 BM₁₃, 3, 1, 0; 2001 BW₁₅, 3, 1, 0; 2001 BM₂₆, 3, 1, 0; 2001 BY₃₁, 3, 1, 0; 2001 BG₃₂, 3, 1, 0; 2001 BW₃₃, 3, 1, 0; 2001 BX₄₄, 3, 1, 0; 2001 BE₅₀, 3, 1, 0; 2001 BY₅₈, 3, 1, 0; 2001 BC₆₀, 3, 1, 0; 2001 BC₆₆, 3, 1, 0; 2001 BQ₇₀, 3, 1, 0; 2001 BJ₇₁, 3, 1, 0; 2001 BO₇₁, 3, 1, 0; 2001 BC₈₀, 3, 1, 0; 2001 CX₂, 3, 1, 0; 2001 CB₃, 3, 1, 0; 2001 CW₄, 3, 1, 0; 2001 CS₆, 3, 1, 0; 2001 CH₈, 3, 1, 0; 2001 CR₁₀, 3, 1, 0; 2001 CA₁₆, 3, 1, 0; 2001 CH₁₈, 3, 1, 0; 2001 CJ₂₁, 3, 1, 0; 2001 CY₂₁, 6, 2, 28; 2001 CY₂₇, 3, 1, 0; 2001 CN₃₃, 3, 1, 0; 2001 CK₃₅, 3, 1, 0; 2001 CJ₃₆, 3, 1, 0; 2001 DD₁₇, 9, 3, 493; 2001 DS₁₇, 3, 1, 0; 2001 DM₃₃, 3, 1, 0; 2001 DN₃₉, 3, 1, 0; 2784 P-L, 3, 1, 0; 2239 T-2, 3, 1, 0; 3197 T-2, 3, 1, 0; (19241), 3, 1, 0; (19680), 3, 1, 0; (19965), 3, 1, 0; (20647), 3, 1, 0; (21590), 3, 1, 0; (21908), 3, 1, 0; (21952), 3, 1, 0; [923, 275, 0*, 1995/12/19-1999/02/18]

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

USNO-A2.0, USNO-SA1.0

{1} 1999 KR₁₆, 4, 2, 2; 2000 FR₅₃, 2, 2, 1; 2000 FX₅₃, 3, 2, 1; 2000 FZ₅₃, 3, 2, 1; 2000 GV₁₄₆, 3, 2, 1; 2000 GX₁₄₆, 3, 2, 1; 2000 GY₁₄₆, 3, 2, 1; 2000 WT₁₆₉, 2, 2, 1; 2001 CZ₃₁, 3, 2, 1; 2001 DN₈₆ *, 4, 2, 1; [30, 10, 1*, 2001/02/17-2001/02/21]

{2} 2000 PQ₂₇, 3, 2, 1; 2000 QJ₁₃₀, 4, 2, 1; 2000 TV₂₈, 4, 2, 1; 2000 WP₁₉, 3, 2, 1; 2000 WT₂₈, 4, 2, 1; 2000 WH₆₃, 4, 2, 1; 2000 WN₆₃, 2, 1, 0; 2000 WS₆₇, 2, 1, 0; 2000 YS₁₃₄, 2, 1, 0; [28, 9, 0*, 2001/01/23-2001/02/28]

{3} 1998 RM₅₅, 2, 1, 0; 2000 CK₁₀₅, 4, 2, 1; 2000 CL₁₀₅, 4, 2, 1; 2001 BC₇, 3, 1, 0; 2001 CZ₃₁ *, 4, 2, 1; [17, 5, 1*, 1997/05/03-2001/02/04]

{6} 1999 DA, 9, 1, 0; [9, 1, 0*, 2000/03/30]

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Observers F. Manca, A. Testa, G. Vospini, L. Pansecchi, M. Cavagna, P. Sicoli, P. Ghezzi

0.5-m reflector + CCD

1999 NV₄₀, 2, 1, 0; 2000 EE₁₄, 4, 1, 0; 2000 RW₃₇, 2, 1, 0; 2000 WO₁₄₈, 1, 1, 0; 2000 YQ₂₉, 2, 1, 0; 2000 YZ₃₂, 2, 1, 0; 2001 AU₄₃, 2, 1, 0; 2001 BE₁₀, 2, 1, 0; 2001 BK₁₆, 2, 1, 0; 2001 BO₆₁, 2, 1, 0; 2001 CA₃₂, 2, 1, 0; 2001 CB₃₂, 4, 2, 12; 2001 CC₃₂, 2, 1, 0; 2001 CD₃₂, 2, 1, 0; 2001 CE₃₂, 2, 1, 0; 2001 CK₃₂, 2, 1, 0; 2001 CP₃₆, 13, 3, 6; 2001 CQ₃₆, 4, 2, 6; 2001 CK₄₂, 4, 2, 10; 2001 CL₄₂, 4, 2, 6; 2001 DQ₈, 5, 2, 4; 2001 DT₈, 4, 2, 1; 2001 DU₈, 2, 1, 0; 2001 DV₈, 2, 1, 0; 2001 DE₄₇, 2, 1, 0; 2001 DF₄₇, 2, 1, 0; 2001 DH₄₇, 2, 1, 0; 2001 DE₅₉, 2, 1, 0; 2001 DC₇₇, 2, 1, 0; [83, 29, 0*, 1998/02/27-2001/02/26]

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Observers A. Vagnozzi, G. Bernabei, V. Risoldi, V. Scirri

0.50-m $f/2.8$ Ritchey-Chrétien + CCD

GSC

(21545), 3, 1, 0; [3, 1, 0*, 1996/03/27]

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Observers G. Lombardi, E. Pettarin

Measurer G. Lombardi

0.40-m $f/4.5$ reflector + CCD

GSC

2001 CB₃₂, 5, 1, 0; 2001 CK₃₂, 5, 1, 0; 2001 CU₃₅, 2, 1, 0; 2001 CP₃₆, 5, 1, 0; 2001 CJ₄₂, 5, 1, 0; 2001 CK₄₂, 12, 3, 10; 2001 CL₄₂, 4, 1, 0; 2001 DQ₈, 4, 1, 0; 2001 DU₈, 5, 1, 0; [47, 9, 0*, 2001/02/15-2001/02/27]

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0.40-m $f/3.2$ reflector + CCD

GSC

1998 VR₁₃, 4, 1, 0; 1999 TG₁₀₅, 3, 1, 0; 1999 VZ₅₂, 3, 1, 0; 1999 XM₅₂, 2, 1, 0; 2001 AP₁₈, 3, 1, 0; 2001 DU₈, 3, 1, 0; (3917), 3, 1, 0; [21, 7, 0*, 1999/12/30-2001/02/26]

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Observers A. Boattini, A. Di Clemente

Measurers A. Boattini, G. Forti

0.60-m $f/3$ Schmidt + CCD

GSC

1992 CK₁, 2, 1, 0; 1998 DG₆, 2, 1, 0; 1999 RQ₈₆, 2, 1, 0; 1999 VN₆₀, 2, 1, 0; 2000 RJ₆₅, 3, 1, 0; 2000 SC₁₇₀, 3, 1, 0; 2000 WY₄₅, 2, 1, 0; 2000 XE₁₀, 2, 1, 0; 2000 XG₃₉, 2, 1, 0; 2001 AR₄, 2, 1, 0; 2001 BX₅₄, 2, 1, 0; 2001 CR₁₇, 2, 1, 0; (19257), 2, 1, 0; [28, 13, 0*, 1996/07/23-1997/07/09]

608 Haleakala-NEAT/MSSS

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Observers E. F. Helin, S. Pravdo, K. Lawrence, P. Kervin, J. Africano, R. Maeda
1.2-m reflector + CCD

1972 FC, 3, 1, 0; 1977 TU₃, 3, 1, 0; 1981 DO, 3, 1, 0; 1981 DR, 3, 1, 0; 1981 DN₁, 3, 1, 0; 1981 DR₃, 3, 1, 0; 1981 EM₉, 3, 1, 0; 1981 EB₁₆, 3, 1, 0; 1981 EF₁₆, 3, 1, 0; 1981 EO₁₆, 3, 1, 0; 1981 EJ₃₀, 3, 1, 0; 1981 EZ₃₂, 3, 1, 0; 1981 EP₃₆, 3, 1, 0; 1983 RS₄, 3, 1, 0; 1985 RA, 6, 2, 5; 1988 BG, 3, 1, 0; 1988 BG₅, 3, 1, 0; 1988 CR₄, 3, 1, 0; 1989 UZ₁, 3, 1, 0; 1990 SY₃, 3, 1, 0; 1990 SF₄, 3, 1, 0; 1990 VV₅, 6, 2, 4; 1991 GA₄, 3, 1, 0; 1991 TX, 3, 1, 0; 1991 TT₆, 3, 1, 0; 1991 VN₃, 3, 1, 0; 1991 VU₂, 3, 1, 0; 1992 AC₁, 3, 1, 0; 1992 CL₂, 3, 1, 0; 1992 DD₈, 6, 2, 2; 1992 ED₁₀, 3, 1, 0; 1992 PM₂, 3, 1, 0; 1992 SQ₁, 3, 1, 0; 1993 FP₂₉, 3, 1, 0; 1993 FM₄₅, 3, 1, 0; 1993 FR₄₅, 3, 1, 0; 1993 MR, 3, 1, 0; 1993 RG₁₃, 3, 1, 0; 1994 EK₇, 3, 1, 0; 1994 WS₁, 3, 1, 0; 1995 AS₂, 3, 1, 0; 1995 DZ₃, 3, 1, 0; 1995 LK, 3, 1, 0; 1995 OB, 3, 1, 0; 1995 OU₂, 3, 1, 0; 1995 SA₂, 3, 1, 0; 1995 TL₁, 3, 1, 0; 1995 WK₁, 3, 1, 0; 1995 WZ₁, 6, 2, 5; 1995 WZ₇, 3, 1, 0; 1995 WX₄₂, 3, 1, 0; 1995 YO₇, 3, 1, 0; 1996 AR₂, 3, 1, 0; 1996 JE₂, 3, 1, 0; 1996 KA, 3, 1, 0; 1996 RQ₃₂, 3, 1, 0; 1996 TO₃₃, 3, 1, 0; 1996 UX₃, 3, 1, 0; 1996 VC, 3, 1, 0; 1996 XK₅, 3, 1, 0; 1996 XQ₁₇, 6, 2, 55; 1996 YX, 3, 1, 0; 1996 YR₁, 3, 1, 0; 1997 BJ₂, 3, 1, 0; 1997 CV₄, 3, 1, 0; 1997 CR₂₁, 3, 1, 0; 1997 CC₂₈, 3, 1, 0; 1997 FJ₁, 3, 1, 0; 1997 GM₁₃, 3, 1, 0; 1997 GR₂₁, 3, 1, 0; 1997 GC₃₆, 3, 1, 0; 1997 HB₁₀, 3, 1, 0; 1997 LY₂, 3, 1, 0; 1997 MS₄, 3, 1, 0; 1997 MV₄, 3, 1, 0; 1998 BB₄, 3, 1, 0; 1998 DW, 3, 1, 0; 1998 ER₂, 3, 1, 0; 1998 FM₂₅, 3, 1, 0; 1998 FX₄₇, 3, 1, 0; 1998 FK₅₀, 3, 1, 0; 1998 FP₆₄, 3, 1, 0; 1998 FK₆₅, 3, 1, 0; 1998 FG₇₅, 3, 1, 0; 1998 FY₇₇, 3, 1, 0; 1998 FB₁₀₆, 3, 1, 0; 1998 FJ₁₀₆, 3, 1, 0; 1998 FH₁₀₉, 3, 1, 0; 1998 FJ₁₁₄, 3, 1, 0; 1998 FN₁₁₆, 3, 1, 0; 1998 HK₂₄, 3, 1, 0; 1998 HO₃₀, 3, 1, 0; 1998 HA₃₉, 3, 1, 0; 1998 HQ₆₈, 3, 1, 0; 1998 HL₈₀, 3, 1, 0; 1998 HD₈₈, 3, 1, 0; 1998 HZ₁₀₁, 3, 1, 0; 1998 HO₁₀₂, 3, 1, 0; 1998 HE₁₀₃, 3, 1, 0; 1998 HA₁₂₃, 3, 1, 0; 1998 HB₁₂₄, 6, 2, 5; 1998 JX, 3, 1, 0; 1998 JH₁, 3, 1, 0; 1998 JR₁, 3, 1, 0; 1998 KP₄, 6, 2, 5; 1998 KK₇, 3, 1, 0; 1998 KQ₄₄, 3, 1, 0; 1998 KV₄₆, 3, 1, 0; 1998 KJ₆₀, 3, 1, 0; 1998 MY₉, 3, 1, 0; 1998 MR₁₃, 3, 1, 0; 1998 MV₁₃, 3, 1, 0; 1998 MR₁₅, 3, 1, 0; 1998 MU₂₄, 3, 1, 0; 1998 MA₂₆, 3, 1, 0; 1998 MJ₃₂, 3, 1, 0; 1998 MN₃₃, 3, 1, 0; 1998 MX₃₄, 3, 1, 0; 1998 NP, 3, 1, 0; 1998 OM, 9, 3, 57; 1998 OX, 3, 1, 0; 1998 OY₂, 3, 1, 0; 1998 OW₅, 3, 1, 0; 1998 OG₇, 3, 1, 0; 1998 OB₈, 3, 1, 0; 1998 OC₁₄, 3, 1, 0; 1998 PO₁, 6, 2, 5; 1998 PP₁, 3, 1, 0; 1998 QM₉, 3, 1, 0; 1998 QT₁₁, 3, 1, 0; 1998 QC₁₂, 3, 1, 0; 1998 QC₂₄, 3, 1, 0; 1998 QS₃₃, 3, 1, 0; 1998 QA₃₉, 3, 1, 0; 1998 QL₄₀, 3, 1, 0; 1998 QM₄₀, 3, 1, 0; 1998 QV₄₇, 3, 1, 0; 1998 QK₄₈, 3, 1, 0; 1998 QF₅₃, 3, 1, 0; 1998 QF₅₅, 3, 1, 0; 1998 QL₆₆, 6, 2, 12; 1998 QT₆₉, 6, 2, 7; 1998 QC₇₀, 3, 1, 0; 1998 QG₇₀, 3, 1, 0; 1998 QF₇₁, 3, 1, 0; 1998 QP₇₁, 6, 2, 5; 1998 QB₇₂, 3, 1, 0; 1998 QF₇₅, 3, 1, 0; 1998 QO₇₅, 3, 1, 0; 1998 QX₇₅, 3, 1, 0; 1998 QJ₇₆, 6, 2, 5; 1998 QD₈₀, 3, 1, 0; 1998 QZ₈₂, 3, 1, 0; 1998 QE₈₃, 3, 1, 0; 1998 QO₈₄, 3, 1, 0; 1998 QQ₈₄, 3, 1, 0; 1998 QJ₈₅, 3, 1, 0; 1998 QU₈₅, 3, 1, 0; 1998 QB₈₆, 3, 1, 0; 1998 QU₈₉, 3, 1, 0; 1998 QU₉₆, 3, 1, 0; 1998 QD₉₉, 3, 1, 0; 1998 QB₁₀₉, 3, 1, 0; 1998 RK, 3, 1, 0; 1998 RM, 3, 1, 0; 1998 RT, 3, 1, 0; 1998 RU₁, 3, 1, 0; 1998 RQ₆, 3, 1, 0; 1998 RY₁₂, 6, 2, 5; 1998 RQ₅₈, 3, 1, 0; 1998 RT₆₆, 3, 1, 0; 1998 RF₇₄, 3, 1, 0; 1998 SV₈₂, 6, 2, 5; 1998 SM₈₇, 3, 1, 0; 1998 SY₁₃₉, 3, 1, 0; 1998 SP₁₆₁, 3, 1, 0; 1998 TD₁₈, 3, 1, 0; 1998 TP₁₉, 3, 1, 0; 1998 UK₂₄, 3, 1, 0; 1998 UO₄₄, 3, 1, 0; 1998 WK₃₁, 3, 1, 0; 1998 WJ₈, 3, 1, 0; 1998 WV₁₈, 3, 1, 0; 1998 XU₉₃, 3, 1, 0; 1999 CL₁₃₅, 2, 1, 0; 1999 FT₃₃, 3, 1, 0; 1999 JK₄, 3, 1, 0; 1999 JL₈₁, 3, 1, 0; 1999 JG₁₀₁, 3, 1, 0; 1999 JR₁₀₃, 3, 1, 0; 1999 LV₁, 3, 1, 0; 1999 LX₃, 3, 1, 0; 1999 NR₁, 3, 1, 0; 1999 NJ₈, 3, 1, 0; 1999 NX₉, 3, 1, 0; 1999 NX₁₀, 3, 1, 0; 1999 NP₁₉, 6, 2, 22; 1999 NA₄₈, 3, 1, 0; 1999 NF₄₉, 6, 2, 5; 1999 NV₅₂, 3, 1, 0; 1999 NU₅₅, 3, 1, 0; 1999 NW₅₆, 3, 1, 0; 1999 OY₁, 9, 3, 30; 1999 OZ₁, 3, 1, 0; 1999 OG₂, 3, 1, 0; 1999 OS₂, 3, 1, 0; 1999 PD₂, 3, 1, 0; 1999 PP₃, 3, 1, 0; 1999 PV₄, 9, 3, 12; 1999 QT₁, 3, 1, 0; 1999 RB, 3, 1, 0; 1999 RE₉, 3, 1, 0; 1999 RU₁₀, 9, 3, 12; 1999 RE₁₁, 3, 1, 0; 1999 RN₁₈, 3, 1, 0; 1999 RR₁₈, 3, 1, 0; 1999 RN₂₀, 3, 1, 0; 1999 RO₂₂, 3, 1, 0; 1999 RD₂₆, 3, 1, 0; 1999 RY₂₉, 6, 2, 5; 1999 RF₃₂, 3, 1, 0; 1999 RU₃₄, 3, 1, 0; 1999 RN₃₆, 3, 1, 0; 1999 RS₃₇, 3, 1, 0; 1999 RD₃₈, 3, 1, 0; 1999 RP₃₈, 3, 1, 0; 1999 RY₄₁, 3, 1, 0; 1999 RN₄₄, 3, 1, 0; 1999 RQ₄₄, 3, 1, 0; 1999 RU₄₅, 3, 1, 0; 1999 RR₆₇, 3, 1, 0; 1999 RL₇₆, 3, 1, 0; 1999 RU₈₁, 3, 1, 0; 1999 RT₈₈, 6, 2, 4; 1999 RB₈₉, 3, 1, 0; 1999 RX₉₅, 6, 2, 5; 1999 RB₉₉, 3, 1, 0; 1999 RG₁₀₃, 3, 1, 0; 1999 RM₁₀₃, 3, 1, 0; 1999 RT₁₀₃, 3, 1, 0; 1999 RL₁₀₄, 6, 2, 4; 1999 RV₁₀₅, 6, 2, 4; 1999 RB₁₁₁, 3, 1, 0; 1999 RM₁₁₃, 3, 1, 0; 1999 RA₁₁₇, 3, 1, 0; 1999 RG₁₂₃, 6, 1, 0; 1999 RO₁₂₄, 6, 2, 33; 1999 RK₁₂₆, 6, 2, 1; 1999 RZ₁₂₆, 3, 1, 0; 1999 RV₁₂₇, 3, 1, 0; 1999 RO₁₃₄, 3, 1, 0; 1999 RF₁₃₅, 3, 1, 0; 1999 RR₁₃₇, 3, 1, 0; 1999 RB₁₃₈, 3, 1, 0; 1999 RX₁₃₈, 3, 1, 0; 1999 RQ₁₄₃, 3, 1, 0; 1999 RT₁₄₃, 3, 1, 0; 1999 RX₁₄₇, 3, 1, 0; 1999 RT₁₅₁, 3, 1, 0; 1999 RS₁₅₃, 3, 1, 0; 1999 RU₁₆₄, 3, 1, 0; 1999 RY₁₆₄, 3, 1, 0; 1999 RG₁₆₆, 3, 1, 0; 1999 RM₁₇₆, 3, 1, 0; 1999 RH₁₈₃, 3, 1, 0; 1999 RZ₁₉₅, 3, 1, 0; 1999 RW₁₉₆, 3, 1, 0; 1999 RK₁₉₇, 3, 1, 0; 1999 RV₁₉₇, 3, 1, 0; 1999 RX₁₉₈, 3, 1, 0; 1999 RO₁₉₉, 3, 1, 0; 1999 RJ₂₀₀, 3, 1, 0; 1999 RL₂₀₀, 3, 1, 0; 1999 RM₂₀₀, 3, 1, 0; 1999 RN₂₀₀, 6, 2, 4; 1999 RY₂₀₀, 6, 2, 61; 1999 RQ₂₀₁, 6, 2, 54; 1999 RA₂₀₂, 6, 2, 4; 1999 RS₂₀₄, 3, 1, 0; 1999 RL₂₀₅, 6, 2, 18; 1999 RN₂₀₆, 3, 1, 0; 1999 RC₂₀₇, 3, 1, 0; 1999 RC₂₀₈, 3, 1, 0; 1999 RM₂₀₉, 3, 1, 0; 1999 RO₂₀₉, 3, 1, 0; 1999 RQ₂₀₉, 3, 1, 0; 1999 RK₂₁₀, 3, 1, 0; 1999 RM₂₁₀, 3, 1, 0; 1999 RN₂₁₂, 3, 1, 0; 1999 RR₂₁₂,

6, 2, 5; 1999 RA₂₁₃, 6, 2, 5; 1999 RT₂₂₀, 3, 1, 0; 1999 RJ₂₂₇, 3, 1, 0; 1999 RM₂₃₈, 3, 1, 0; 1999 SE, 6, 2, 10; 1999 SP₁, 3, 1, 0; 1999 SY₁, 3, 1, 0; 1999 SB₂, 3, 1, 0; 1999 SE₂, 6, 2, 5; 1999 SK₄, 6, 2, 2; 1999 SP₄, 3, 1, 0; 1999 SU₅, 3, 1, 0; 1999 SU₁₀, 3, 1, 0; 1999 SV₁₂, 3, 1, 0; 1999 SH₁₄, 3, 1, 0; 1999 SS₁₆, 6, 2, 1; 1999 SV₁₆, 3, 1, 0; 1999 TD, 3, 1, 0; 1999 TV₅, 6, 2, 4; 1999 TF₇, 3, 1, 0; 1999 TX₇, 3, 1, 0; 1999 TB₉, 3, 1, 0; 1999 TH₁₀, 3, 1, 0; 1999 TQ₁₀, 6, 2, 13; 1999 TJ₁₈, 6, 2, 5; 1999 TV₁₈, 6, 2, 4; 1999 TN₂₇, 3, 1, 0; 1999 TG₂₉, 3, 1, 0; 1999 TF₃₁, 3, 1, 0; 1999 TB₃₃, 3, 1, 0; 1999 TS₃₅, 3, 1, 0; 1999 TO₃₆, 3, 1, 0; 1999 TR₃₆, 3, 1, 0; 1999 TX₃₇, 6, 2, 20; 1999 TW₃₈, 3, 1, 0; 1999 TJ₅₃, 3, 1, 0; 1999 TZ₆₆, 3, 1, 0; 1999 TC₉₄, 3, 1, 0; 1999 TQ₉₅, 3, 1, 0; 1999 TR₉₆, 3, 1, 0; 1999 TC₉₉, 3, 1, 0; 1999 TS₁₀₁, 3, 1, 0; 1999 TX₁₀₅, 3, 1, 0; 1999 TY₁₀₅, 3, 1, 0; 1999 TX₁₀₆, 6, 2, 34; 1999 TU₁₀₇, 6, 2, 5; 1999 TH₁₁₃, 3, 1, 0; 1999 TB₁₁₄, 3, 1, 0; 1999 TE₁₁₈, 3, 1, 0; 1999 TK₁₁₈, 3, 1, 0; 1999 TX₁₁₉, 3, 1, 0; 1999 TP₁₂₄, 3, 1, 0; 1999 TR₁₂₄, 3, 1, 0; 1999 TB₁₂₈, 3, 1, 0; 1999 TR₁₃₈, 3, 1, 0; 1999 TK₁₃₉, 6, 2, 5; 1999 TA₁₅₄, 3, 1, 0; 1999 TK₁₅₄, 3, 1, 0; 1999 TP₁₅₆, 6, 2, 9; 1999 TZ₁₆₄, 3, 1, 0; 1999 TR₁₆₅, 3, 1, 0; 1999 TG₁₆₆, 3, 1, 0; 1999 TB₁₇₈, 3, 1, 0; 1999 TD₁₈₀, 3, 1, 0; 1999 TR₁₈₆, 3, 1, 0; 1999 TX₁₈₆, 3, 1, 0; 1999 TE₁₈₇, 3, 1, 0; 1999 TF₁₈₇, 6, 2, 5; 1999 TR₁₈₇, 3, 1, 0; 1999 TN₁₉₀, 3, 1, 0; 1999 TU₁₉₅, 3, 1, 0; 1999 TP₂₀₀, 3, 1, 0; 1999 TB₂₀₁, 3, 1, 0; 1999 TQ₂₀₆, 3, 1, 0; 1999 TL₂₁₀, 3, 1, 0; 1999 TT₂₁₄, 3, 1, 0; 1999 TA₂₁₆, 3, 1, 0; 1999 TB₂₁₇, 3, 1, 0; 1999 TH₂₁₈, 3, 1, 0; 1999 TE₂₂₂, 6, 2, 5; 1999 TR₂₂₂, 3, 1, 0; 1999 TB₂₄₉, 3, 1, 0; 1999 TS₂₅₃, 3, 1, 0; 1999 TJ₂₆₅, 6, 2, 22; 1999 TN₂₆₇, 3, 1, 0; 1999 TT₂₆₉, 6, 2, 21; 1999 TU₂₇₃, 3, 1, 0; 1999 TR₂₈₀, 3, 1, 0; 1999 TR₂₉₂, 3, 1, 0; 1999 TD₂₉₃, 3, 1, 0; 1999 UP, 3, 1, 0; 1999 UA₈, 3, 1, 0; 1999 UU₈, 3, 1, 0; 1999 UK₉, 3, 1, 0; 1999 UV₁₂, 3, 1, 0; 1999 US₁₆, 3, 1, 0; 1999 UC₂₁, 3, 1, 0; 1999 UJ₂₃, 3, 1, 0; 1999 US₂₃, 3, 1, 0; 1999 UL₂₄, 3, 1, 0; 1999 UP₂₄, 3, 1, 0; 1999 UG₂₆, 3, 1, 0; 1999 UX₂₇, 3, 1, 0; 1999 UR₃₈, 3, 1, 0; 1999 UG₃₉, 6, 2, 18; 1999 US₄₄, 3, 1, 0; 1999 UY₄₅, 3, 1, 0; 1999 UK₄₆, 3, 1, 0; 1999 UX₄₆, 3, 1, 0; 1999 UN₄₇, 3, 1, 0; 1999 UT₄₈, 3, 1, 0; 1999 UJ₄₉, 3, 1, 0; 1999 UO₄₉, 3, 1, 0; 1999 VV₁, 3, 1, 0; 1999 VK₄, 3, 1, 0; 1999 VB₇, 3, 1, 0; 1999 VP₇, 3, 1, 0; 1999 VL₉, 6, 2, 8; 1999 VG₁₁, 3, 1, 0; 1999 VT₁₁, 3, 1, 0; 1999 VY₁₁, 3, 1, 0; 1999 VL₁₈, 3, 1, 0; 1999 VO₂₀, 3, 1, 0; 1999 VQ₂₂, 3, 1, 0; 1999 VO₂₄, 3, 1, 0; 1999 VY₂₇, 3, 1, 0; 1999 VD₂₈, 3, 1, 0; 1999 VG₂₈, 3, 1, 0; 1999 VQ₂₉, 3, 1, 0; 1999 VO₃₁, 3, 1, 0; 1999 VZ₃₂, 3, 1, 0; 1999 VG₃₃, 3, 1, 0; 1999 VP₃₃, 6, 2, 18; 1999 VN₃₄, 3, 1, 0; 1999 VS₃₄, 3, 1, 0; 1999 VH₃₇, 3, 1, 0; 1999 VP₃₇, 3, 1, 0; 1999 VD₄₄, 3, 1, 0; 1999 VN₄₇, 3, 1, 0; 1999 VX₄₇, 3, 1, 0; 1999 VH₄₈, 3, 1, 0; 1999 VC₄₉, 6, 2, 3; 1999 VR₄₉, 3, 1, 0; 1999 VS₅₂, 3, 1, 0; 1999 VT₅₄, 3, 1, 0; 1999 VR₆₀, 3, 1, 0; 1999 VZ₆₀, 3, 1, 0; 1999 VO₆₁, 6, 2, 5; 1999 VV₆₁, 9, 3, 5; 1999 VG₆₂, 3, 1, 0; 1999 VT₆₅, 3, 1, 0; 1999 VM₆₇, 3, 1, 0; 1999 VD₆₈, 6, 2, 12; 1999 VT₇₀, 6, 2, 2; 1999 VN₇₂, 3, 1, 0; 1999 VN₇₇, 6, 2, 4; 1999 VW₇₈, 3, 1, 0; 1999 VA₇₉, 3, 1, 0; 1999 VR₇₉, 3, 1, 0; 1999 VD₈₁, 3, 1, 0; 1999 VL₈₂, 3, 1, 0; 1999 VM₈₇, 3, 1, 0; 1999 VW₉₁, 3, 1, 0; 1999 VT₉₇, 3, 1, 0; 1999 VS₁₁₄, 3, 1, 0; 1999 VA₁₃₁, 3, 1, 0; 1999 VW₁₃₃, 3, 1, 0; 1999 VL₁₄₉, 6, 2, 4; 1999 VG₁₅₇, 6, 2, 2; 1999 VV₁₅₇, 3, 1, 0; 1999 VL₁₅₉, 3, 1, 0; 1999 VT₁₅₉, 6, 2, 5; 1999 VV₁₆₀, 3, 1, 0; 1999 VY₁₆₃, 3, 1, 0; 1999 VM₁₆₉, 3, 1, 0; 1999 VR₁₇₆, 3, 1, 0; 1999 VS₁₇₆, 3, 1, 0; 1999 VF₁₇₇, 6, 2, 23; 1999 VX₁₇₇, 6, 2, 35; 1999 VO₁₈₃, 3, 1, 0; 1999 VR₁₈₆, 3, 1, 0; 1999 VP₁₈₈, 3, 1, 0; 1999 VX₁₈₈, 3, 1, 0; 1999 VY₁₉₂, 3, 1, 0; 1999 VW₁₉₃, 3, 1, 0; 1999 VC₂₀₁, 3, 1, 0; 1999 VG₂₀₁, 6, 2, 9; 1999 VV₂₀₂, 3, 1, 0; 1999 VN₂₁₀, 3, 1, 0; 1999 VK₂₁₆, 3, 1, 0; 1999 VU₂₁₉, 6, 2, 4; 1999 WR, 3, 1, 0; 1999 WE₂, 3, 1, 0; 1999 WM₃, 3, 1, 0; 1999 WJ₆, 3, 1, 0; 1999 WY₆, 3, 1, 0; 1999 WX₃, 3, 1, 0; 1999 WM₁₁, 3, 1, 0; 1999 WV₁₇, 3, 1, 0; 1999 XA₁, 3, 1, 0; 1999 XG₂, 3, 1, 0; 1999 XL₃, 3, 1, 0; 1999 XA₇, 9, 3, 12; 1999 XS₈, 3, 1, 0; 1999 XF₁₀, 3, 1, 0; 1999 XJ₁₀, 6, 2, 13; 1999 XX₁₀, 6, 2, 52; 1999 XQ₁₃, 3, 1, 0; 1999 XV₁₉, 3, 1, 0; 1999 XW₂₃, 6, 2, 5; 1999 XY₂₃, 3, 1, 0; 1999 XB₂₄, 3, 1, 0; 1999 XG₂₆, 3, 1, 0; 1999 XO₂₆, 3, 1, 0; 1999 XG₂₉, 9, 3, 13; 1999 XP₂₉, 3, 1, 0; 1999 XY₃₀, 3, 1, 0; 1999 XK₃₇, 3, 1, 0; 1999 XQ₃₉, 3, 1, 0; 1999 XL₄₀, 6, 2, 5; 1999 XJ₄₁, 3, 1, 0; 1999 XZ₄₁, 3, 1, 0; 1999 XJ₄₂, 6, 2, 17; 1999 XA₄₆, 3, 1, 0; 1999 XM₄₆, 3, 1, 0; 1999 XA₄₉, 6, 2, 3; 1999 XC₄₉, 3, 1, 0; 1999 XL₄₉, 3, 1, 0; 1999 XJ₅₂, 3, 1, 0; 1999 XF<

2000 AD₁₄₈, 3, 1, 0; 2000 AO₁₄₈, 3, 1, 0; 2000 AP₁₄₈, 6, 2, 16; 2000 AM₁₆₅, 3, 1, 0; 2000 AA₁₆₆, 3, 1, 0; 2000 AD₁₆₆, 3, 1, 0; 2000 AC₁₇₀, 3, 1, 0; 2000 AS₁₇₅, 3, 1, 0; 2000 AU₁₇₇, 3, 1, 0; 2000 AU₁₇₈, 6, 2, 7; 2000 AR₁₈₄, 3, 1, 0; 2000 AM₁₈₇, 3, 1, 0; 2000 AY₁₈₉, 3, 1, 0; 2000 AL₁₉₃, 3, 1, 0; 2000 AW₂₃₀, 3, 1, 0; 2000 AQ₂₃₃, 6, 2, 5; 2000 AB₂₃₈, 3, 1, 0; 2000 AC₂₄₄, 6, 2, 5; 2000 AF₂₄₄, 3, 1, 0; 2000 AK₂₄₄, 3, 1, 0; 2000 BU₈, 3, 1, 0; 2000 CW₆, 3, 1, 0; 2000 EA₁₄₂, 3, 1, 0; 2000 EM₁₈₄, 3, 1, 0; 2000 GK₁₇₄, 2, 1, 0; 2000 HF₃₀, 3, 1, 0; 2000 HO₉₆, 3, 1, 0; 2000 KO₇₇, 6, 2, 41; 2000 PQ₁₀, 3, 1, 0; 2000 PW₁₁, 9, 3, 97; 2000 QG₁₀₅, 3, 1, 0; 2000 QU₁₉₁, 3, 1, 0; 2000 QC₂₂₂, 3, 1, 0; 2000 QF₂₂₂, 3, 1, 0; 2000 SF₄, 3, 1, 0; 2000 SN₆, 3, 1, 0; 2000 SV₄₄, 3, 1, 0; 2000 SY₁₈₁, 3, 1, 0; 2000 SY₂₁₉, 6, 2, 121; 2000 SM₂₂₁, 3, 1, 0; 2000 SX₂₂₁, 3, 1, 0; 2000 SL₂₂₆, 3, 1, 0; 2000 SA₃₄₅, 3, 1, 0; 2000 SB₃₄₈, 3, 1, 0; 2000 SV₃₄₈, 3, 1, 0; 2000 SA₃₅₀, 3, 1, 0; 2000 SJ₃₅₀, 3, 1, 0; 2000 SM₃₅₀, 3, 1, 0; 2000 SN₃₅₀, 3, 1, 0; 2000 SQ₃₅₀, 3, 1, 0; 2000 SB₃₅₁, 3, 1, 0; 2000 SO₃₅₁, 9, 3, 94; 2000 SQ₃₅₁, 3, 1, 0; 2000 SD₃₅₂, 3, 1, 0; 2000 SH₃₅₂, 3, 1, 0; 2000 SK₃₅₂, 3, 1, 0; 2000 SM₃₅₂, 3, 1, 0; 2000 SO₃₅₂, 3, 1, 0; 2000 SR₃₅₂, 3, 1, 0; 2000 SF₃₅₃, 3, 1, 0; 2000 TC₂₀, 3, 1, 0; 2000 TM₅₄, 3, 1, 0; 2000 VK₁, 3, 1, 0; 2000 VK₂₈, 2, 1, 0; 2000 WP₁, 3, 1, 0; 2000 WC₂₅, 3, 1, 0; 2000 WD₂₅, 3, 1, 0; 2000 WQ₂₉, 3, 1, 0; 2000 WX₂₉, 6, 2, 4; 2000 WJ₄₀, 3, 1, 0; 2000 WE₅₅, 3, 1, 0; 2000 WL₅₅, 3, 1, 0; 2000 WH₅₆, 3, 1, 0; 2000 WA₆₉, 2, 1, 0; 2000 WD₈₈, 3, 1, 0; 2000 WE₁₃₂, 6, 2, 15; 2000 WM₁₄₆, 3, 1, 0; 2000 WC₁₄₇, 3, 1, 0; 2000 WT₁₅₁, 3, 1, 0; 2000 WC₁₆₉, 3, 1, 0; 2000 WE₁₆₉, 3, 1, 0; 2000 WO₁₇₃, 6, 2, 25; 2000 WS₁₇₉, 6, 2, 5; 2000 WA₁₈₃, 3, 1, 0; 2000 YU₉, 3, 1, 0; 2000 YG₁₀, 6, 2, 7; 2000 YT₁₁, 3, 1, 0; 2000 YK₁₈, 3, 1, 0; 2000 YK₂₁, 3, 1, 0; 2000 YV₂₆, 3, 1, 0; 2000 YH₂₈, 3, 1, 0; 2000 YA₃₄, 3, 1, 0; 2000 YS₃₄, 2, 1, 0; 2000 YM₄₇, 3, 1, 0; 2000 YW₆₇, 3, 1, 0; 2000 YX₆₇, 3, 1, 0; 2000 YG₉₇, 3, 1, 0; 2000 YG₉₈, 3, 1, 0; 2000 YG₁₀₀, 3, 1, 0; 2000 YT₁₀₀, 3, 1, 0; 2000 YR₁₀₂, 6, 2, 34; 2000 YX₁₀₂, 3, 1, 0; 2000 YF₁₀₃, 3, 1, 0; 2000 YK₁₀₃, 3, 1, 0; 2000 YK₁₀₅, 3, 1, 0; 2000 YA₁₁₅, 3, 1, 0; 2000 YQ₁₁₇, 3, 1, 0; 2000 YU₁₂₁, 3, 1, 0; 2000 YA₁₂₂, 3, 1, 0; 2000 YG₁₂₃, 3, 1, 0; 2000 YZ₁₂₆, 3, 1, 0; 2000 YQ₁₃₂, 3, 1, 0; 2000 YS₁₃₂, 3, 1, 0; 2000 YU₁₃₂, 3, 1, 0; 2000 YM₁₃₆, 9, 3, 29; 2000 YX₁₃₆, 6, 2, 2; 2000 YY₁₃₆, 12, 4, 36; 2000 YD₁₃₇, 6, 2, 8; 2000 YL₁₃₇, 3, 1, 0; 2000 YL₁₃₇, 3, 1, 0; 2000 YQ₁₃₇, 9, 3, 12; 2000 YP₁₃₉, 6, 2, 7; 2000 YS₁₃₉, 3, 1, 0; 2001 AN₄, 5, 2, 1453; 2001 AS₁₁, 3, 1, 0; 2001 AE₁₂, 3, 1, 0; 2001 AG₁₂, 3, 1, 0; 2001 AC₁₃, 3, 1, 0; 2001 AM₁₃, 3, 1, 0; 2001 AR₁₄, 3, 1, 0; 2001 AH₁₅, 3, 1, 0; 2001 AL₁₅, 3, 1, 0; 2001 AM₁₅, 3, 1, 0; 2001 AR₁₅, 3, 1, 0; 2001 AS₁₅, 3, 1, 0; 2001 AZ₁₅, 3, 1, 0; 2001 AJ₂₂, 3, 1, 0; 2001 AT₄₇, 6, 2, 1; 2001 BJ₂, 3, 1, 0; 2001 BL₂, 3, 1, 0; 2001 BG₈, 3, 1, 0; 2001 BD₁₁, 3, 1, 0; 2001 BE₁₁, 3, 1, 0; 2001 BV₁₃, 3, 1, 0; 2001 BJ₁₆, 3, 1, 0; 2001 BC₁₈, 3, 1, 0; 2001 BH₁₈, 6, 2, 1; 2001 BW₁₉, 3, 1, 0; 2001 BF₂₀, 3, 1, 0; 2001 BW₂₀, 3, 1, 0; 2001 BK₂₁, 3, 1, 0; 2001 BM₃₁, 3, 1, 0; 2001 BE₃₈, 3, 1, 0; 2001 BX₃₉, 6, 2, 4; 2001 BA₄₀, 3, 1, 0; 2001 BU₄₀, 3, 1, 0; 2001 BV₄₀, 3, 1, 0; 2001 BX₄₀, 3, 1, 0; 2001 BY₄₀, 3, 1, 0; 2001 BU₄₁, 3, 1, 0; 2001 BD₄₂, 6, 2, 5; 2001 BN₄₂, 6, 2, 9; 2001 BO₄₂, 3, 1, 0; 2001 BQ₄₂, 6, 2, 29; 2001 BU₄₂, 6, 2, 30; 2001 BV₄₂, 3, 1, 0; 2001 BW₄₂, 3, 1, 0; 2001 BB₄₃, 6, 2, 4; 2001 BC₄₃, 3, 1, 0; 2001 BD₄₃, 3, 1, 0; 2001 BF₄₃, 3, 1, 0; 2001 BG₄₃, 3, 1, 0; 2001 BJ₄₃, 3, 1, 0; 2001 BM₄₃, 3, 1, 0; 2001 BR₄₃, 3, 1, 0; 2001 BM₄₄, 3, 1, 0; 2001 BX₄₅, 6, 2, 46; 2001 BZ₄₅, 6, 2, 34; 2001 BA₄₆, 6, 2, 34; 2001 BB₄₆, 6, 2, 21; 2001 BG₄₆, 6, 2, 16; 2001 BK₄₆, 9, 3, 81; 2001 BN₄₆, 3, 1, 0; 2001 BO₄₆, 6, 2, 9; 2001 BR₄₆, 9, 3, 33; 2001 BS₄₆, 6, 2, 8; 2001 BW₄₆, 3, 1, 0; 2001 BY₄₆, 3, 1, 0; 2001 BZ₄₆, 6, 2, 33; 2001 BC₄₇, 3, 1, 0; 2001 BD₄₇, 3, 1, 0; 2001 BF₄₇, 6, 2, 9; 2001 BJ₄₇, 6, 2, 33; 2001 BL₄₇, 3, 1, 0; 2001 BV₄₇, 3, 1, 0; 2001 BC₄₈, 3, 1, 0; 2001 BD₄₈, 3, 1, 0; 2001 BG₄₈, 3, 1, 0; 2001 BH₄₈, 3, 1, 0; 2001 BJ₄₈, 6, 2, 17; 2001 BK₄₈, 3, 1, 0; 2001 BL₄₈, 3, 1, 0; 2001 BR₄₈, 6, 2, 29; 2001 BW₄₈, 3, 1, 0; 2001 BX₄₈, 6, 2, 30; 2001 BZ₄₈, 3, 1, 0; 2001 BA₄₉, 3, 1, 0; 2001 BD₄₉, 6, 2, 30; 2001 BS₄₉, 5, 2, 30; 2001 BF₅₀, 3, 1, 0; 2001 BK₅₀, 3, 1, 0; 2001 BL₅₀, 3, 1, 0; 2001 BU₅₁, 3, 1, 0; 2001 BE₅₁, 3, 1, 0; 2001 BF₅₁, 6, 2, 4; 2001 BS₅₂, 3, 1, 0; 2001 BU₅₂, 3, 1, 0; 2001 BA₅₃, 3, 1, 0; 2001 BW₅₃, 3, 1, 0; 2001 BQ₅₄, 3, 1, 0; 2001 BS₅₄, 3, 1, 0; 2001 BW₅₄, 3, 1, 0; 2001 BL₅₅, 3, 1, 0; 2001 BR₅₅, 3, 1, 0; 2001 BV₅₅, 3, 1, 0; 2001 BT₅₆, 3, 1, 0; 2001 BD₅₇, 9, 3, 25; 2001 BJ₅₇, 3, 1, 0; 2001 BN₅₇, 3, 1, 0; 2001 BT₅₇, 6, 2, 26; 2001 BN₅₈, 3, 1, 0; 2001 BL₅₉, 6, 2, 21; 2001 BM₅₉, 3, 1, 0; 2001 BP₅₉, 3, 1, 0; 2001 BN₆₀, 3, 1, 0; 2001 BV₆₀, 3, 1, 0; 2001 BQ₆₁, 6, 2, 5; 2001 BY₆₁, 3, 1, 0; 2001 BZ₆₁, 3, 1, 0; 2001 BB₆₂, 3, 1, 0; 2001 BC₆₂, 9, 3, 52; 2001 BD₆₂, 3, 1, 0; 2001 BO₆₂, 3, 1, 0; 2001 BV₆₃, 3, 1, 0; 2001 BC₆₄, 3, 1, 0; 2001 BJ₆₄, 3, 1, 0; 2001 BR₆₄, 3, 1, 0; 2001 BS₆₄, 6, 2, 23; 2001 BW₆₄, 3, 1, 0; 2001 BD₆₅, 3, 1, 0; 2001 BH₆₅, 3, 1, 0; 2001 BK₆₅, 3, 1, 0; 2001 BP₆₅, 3, 1, 0; 2001 BQ₆₅, 6, 2, 31; 2001 BS₆₅, 3, 1, 0; 2001 BT₆₅, 3, 1, 0; 2001 BL₆₆, 3, 1, 0; 2001 BX₆₆, 3, 1, 0; 2001 BY₆₆, 3, 1, 0; 2001 BC₆₇, 9, 2, 32; 2001 BE₆₇, 6, 2, 48; 2001 BM₇₀, 3, 1, 0; 2001 BO₇₀, 3, 1, 0; 2001 BC₇₁, 3, 1, 0; 2001 BF₇₁, 3, 1, 0; 2001 BO₇₁, 3, 1, 0; 2001 BB₇₂, 3, 1, 0; 2001 BG₇₂, 6, 2, 23; 2001 BP₇₂, 3, 1, 0; 2001 BQ₇₂, 3, 1, 0; 2001 BR₇₂, 3, 1, 0; 2001 BS₇₂, 6, 2, 21; 2001 BT₇₂, 3, 1, 0; 2001 BU₇₂, 3, 1, 0; 2001 BV₇₂, 3, 1, 0; 2001 BW₇₂, 9, 3, 42; 2001 BX₇₂, 6, 2, 28; 2001 BY₇₂, 6, 2, 28; 2001 BZ₇₂, 3, 1, 0; 2001 BA₇₃, 3, 1, 0; 2001 BB₇₃, 3, 1, 0; 2001 BC₇₃, 3, 1, 0; 2001 BD₇₃, 3, 1, 0; 2001 BE₇₃, 3, 1, 0; 2001 BF₇₃, 3, 1, 0; 2001 BG₇₃, 6, 2, 9; 2001 BH₇₃, 3, 1, 0; 2001 BJ₇₃, 3, 1, 0; 2001 BK₇₃, 6, 2, 8; 2001 BN₇₃, 6, 2, 20; 2001 BP₇₃, 9, 3, 30; 2001 BQ₇₃, 12, 4, 53; 2001 BA₇₄, 9, 3, 21; 2001 BB₇₄, 3, 1, 0; 2001 BD₇₅, 3, 1, 0; 2001 BJ₇₅, 3, 1, 0; 2001 BR₇₅, 6, 2, 20; 2001 BS₇₅, 3, 1, 0; 2001 BT₇₅, 9, 3, 49; 2001 BU₇₅, 6, 2, 13; 2001 BV₇₅, 3, 1, 0; 2001 BW₇₅, 3, 1, 0; 2001 BX₇₅, 3, 1, 0; 2001 BY₇₅, 3, 1, 0; 2001 BZ₇₅, 6, 2, 17; 2001 BA₇₆, 9, 3, 31; 2001 BB₇₆, 6, 2, 18; 2001 BC₇₆, 12, 4, 30; 2001 BD₇₆, 12, 4, 44; 2001 BE₇₆, 6, 2, 13; 2001 BF₇₆, 15, 5, 91; 2001 BG₇₆, 3, 1, 0; 2001 BH₇₆, 3, 1, 0; 2001 BJ₇₆, 6, 2, 13; 2001 BK₇₆, 3, 1, 0; 2001 BL₇₆, 9, 3, 29; 2001 BM₇₆, 3, 1, 0; 2001 BN₇₆, 3, 1, 0; 2001 BO₇₆, 3, 1, 0; 2001 BT₇₆, 3, 1, 0; 2001 BU₇₇,

6, 2, 23; 2001 BO₇₇, 3, 1, 0; 2001 BF₇₇, 3, 1, 0; 2001 BQ₇₇, 3, 1, 0; 2001 BU₇₇, 15, 5, 57; 2001 BY₇₇, 3, 1, 0; 2001 BZ₇₇, 9, 3, 39; 2001 BA₇₈, 3, 1, 0; 2001 BB₇₈, 3, 1, 0; 2001 BC₇₈, 3, 1, 0; 2001 BD₇₈, 6, 2, 13; 2001 BF₇₈, 6, 2, 13; 2001 BG₇₈, 3, 1, 0; 2001 BH₇₈, 3, 1, 0; 2001 BJ₇₈, 3, 1, 0; 2001 BK₇₈, 6, 2, 13; 2001 BL₇₈, 3, 1, 0; 2001 BM₇₈, 6, 2, 13; 2001 BN₇₈, 3, 1, 0; 2001 BO₇₈, 9, 3, 20; 2001 BP₇₈, 3, 1, 0; 2001 BT₇₈, 3, 1, 0; 2001 BX₇₈, 3, 1, 0; 2001 BY₇₈, 3, 1, 0; 2001 BZ₇₈, 3, 1, 0; 2001 BC₇₉, 3, 1, 0; 2001 BF₇₉, 3, 1, 0; 2001 BO₇₉, 3, 1, 0; 2001 BU₇₉, 3, 1, 0; 2001 BW₇₉, 3, 1, 0; 2001 BB₈₀, 3, 1, 0; 2001 BE₈₀, 3, 1, 0; 2001 BF₈₀, 3, 1, 0; 2001 BG₈₀, 3, 1, 0; 2001 BJ₈₀, 3, 1, 0; 2001 BK₈₀, 3, 1, 0; 2001 BL₈₀, 6, 2, 17; 2001 BM₈₀, 3, 1, 0; 2001 BN₈₀, 3, 1, 0; 2001 BO₈₀, 3, 1, 0; 2001 BO₈₀, 3, 1, 0; 2001 BF₈₀, 6, 2, 27; 2001 BQ₈₀, 6, 2, 13; 2001 BR₈₀, 3, 1, 0; 2001 BS₈₀, 3, 1, 0; 2001 BT₈₀, 3, 1, 0; 2001 BU₈₀, 3, 1, 0; 2001 BV₈₀, 3, 1, 0; 2001 BB₈₁, 6, 2, 15; 2001 BD₈₁, 3, 1, 0; 2001 BE₈₁, 6, 2, 29; 2001 BF₈₁, 3, 1, 0; 2001 BG₈₁, 6, 2, 29; 2001 BK₈₁, 6, 2, 30; 2001 BL₈₁, 3, 1, 0; 2001 BM₈₁, 3, 1, 0; 2001 BN₈₁, 3, 1, 0; 2001 BO₈₁, 3, 1, 0; 2001 CC₃, 1, 0; 2001 CC₅, 3, 1, 0; 2001 CQ₅, 3, 1, 0; 2001 CX₈, 3, 1, 0; 2001 CA₁₀, 3, 1, 0; 2001 CC₁₀, 3, 1, 0; 2001 CG₁₂, 3, 1, 0; 2001 CH₁₂, 3, 1, 0; 2001 CQ₁₅, 3, 1, 0; 2001 CP₁₆, 3, 1, 0; 2001 CH₁₉, 3, 1, 0; 2001 CP₁₉, 15, 5, 59; 2001 CE₂₁, 6, 2, 12; 2001 CH₂₁, 3, 1, 0; 2001 CK₂₂, 3, 1, 0; 2001 CE₂₅, 3, 1, 0; 2001 CH₂₅, 3, 1, 0; 2001 CR₂₆, 3, 1, 0; 2001 CX₂₆, 3, 1, 0; 2001 CY₂₆, 3, 1, 0; 2001 CZ₂₆, 3, 1, 0; 2001 CA₂₇, 3, 1, 0; 2001 CB₂₇, 3, 1, 0; 2001 CC₂₇, 3, 1, 0; 2001 CM₃₀, 3, 1, 0; 2001 CN₃₀, 3, 1, 0; 2001 CO₃₀, 3, 1, 0; 2001 CP₃₀, 3, 1, 0; 2001 CQ₃₀, 3, 1, 0; 2001 CR₃₀, 3, 1, 0; 2001 CS₃₀, 3, 1, 0; 2001 CT₃₀, 3, 1, 0; 2001 CU₃₀, 3, 1, 0; 2001 CV₃₀, 3, 1, 0; 2001 CW₃₀, 3, 1, 0; 2001 CX₃₀, 3, 1, 0; 2001 CY₃₀, 3, 1, 0; 2001 CZ₃₀, 3, 1, 0; 2001 CA₃₁, 3, 1, 0; 2001 CB₃₁, 3, 1, 0; 2001 CC₃₁, 3, 1, 0; 2001 CD₃₁, 3, 1, 0; 2001 CE₃₁, 3, 1, 0; 2001 CF₃₁, 3, 1, 0; 2001 CG₃₂, 3, 1, 0; 2001 CJ₃₆, 3, 1, 0; 2001 CM₃₆, 3, 1, 0; 2001 CZ₃₆, 3, 1, 0; 2001 CE₄₂, 9, 3, 51; 2001 CM₄₂, 3, 1, 0; 2001 CP₄₂, 6, 2, 18; 2001 DF₃, 3, 1, 0; 2001 DO₃, 3, 1, 0; 2001 CE₄₂, 9, 3, 51; 2001 DJ₈, 12, 3, 5; 2001 DK₈, 9, 3, 4; 2001 DL₈, 6, 2, 1; 2001 DM₈, 6, 2, 1; 2001 DN₈, 6, 2, 1; 2001 DS₈, 15, 4, 6; 2001 DV₈, 3, 1, 0; 2001 DX₉, 3, 1, 0; 2001 DY₉, 3, 1, 0; 2001 DA₁₀, 3, 1, 0; 2001 DL₁₀, 3, 1, 0; 2001 DD₁₃, 6, 2, 3; 2001 DE₁₃, 9, 3, 32; 2001 DF₁₃, 6, 2, 1; 2001 DF₁₅, 9, 3, 4; 2001 DX₁₅, 3, 1, 0; 2001 DF₁₆, 3, 1, 0; 2001 DV₁₆, 3, 1, 0; 2001 DY₁₆, 3, 1, 0; 2001 DB₁₇, 3, 1, 0; 2001 DA₂₀, 3, 1, 0; 2001 DF₂₂, 3, 1, 0; 2001 DU₂₂, 3, 1, 0; 2001 DF₂₃, 3, 1, 0; 2001 DH₂₃, 3, 1, 0; 2001 DK₂₃, 3, 1, 0; 2001 DJ₂₉, 3, 1, 0; 2001 DM₃₄, 3, 1, 0; 2001 DD₃₅, 3, 1, 0; 2001 DO₃₅, 3, 1, 0; 2001 DU₃₅, 3, 1, 0; 2001 DC₃₆, 3, 1, 0; 2001 DK₃₈, 3, 1, 0; 2001 DS₃₈, 3, 1, 0; 2001 DU₃₈, 3, 1, 0; 2001 DZ₃₈, 3, 1, 0; 2001 DG₃₉, 3, 1, 0; 2001 DP₄₆, 3, 1, 0; 2001 DR₄₆, 3, 1, 0; 2001 DU₄₆, 3, 1, 0; 2001 DP₄₇, 9, 3, 24; 2001 DQ₄₇, 6, 2, 2; 2001 DR₄₇, 9, 3, 2; 2001 DS₄₇, 6, 2, 1; 2001 DT₄₇, 6, 2, 1; 2001 DV₄₇, 3, 1, 0; 2001 DE₅₂, 3, 1, 0; 2001 DC₅₃, 3, 1, 0; 2001 DE₅₄, 3, 1, 0; 2001 DF₅₄, 6, 2, 5; 2001 DG₅₈, 6, 2, 5; 2001 DH₅₈, 6, 2, 5; 2001 DJ₅₈, 6, 2, 5; 2001 DK₅₈, 6, 2, 5; 2001 DL₅₈, 6, 2, 5; 2001 DM₅₈, 6, 2, 5; 2001 DN₅₈, 6, 2, 4; 2001 DO₅₈, 6, 2, 4; 2001 DP₅₈, 6, 2, 4; 2001 DQ₅₈, 6, 2, 4; 2001 DR₅₈, 6, 2, 3; 2001 DS₅₈, 6, 2, 2; 2001 DT₅₈, 6, 2, 2; 2001 DG₅₉, 3, 1, 0; 2001 DN₅₉, 6, 2, 18; 2001 DP₅₉, 3, 1, 0; 2001 DF₆₀, 3, 1, 0; 2001 DR₆₁, 3, 1, 0; 2001 DD₇₄, 3, 1, 0; 2001 DD₇₅, 3, 1, 0; 2001 DA₇₇, 9, 3, 9; 2001 DW₇₈, 6, 2, 5; 2001 DE₇₉, 3, 1, 0; 2001 DG₇₉, 6, 2, 1; 2001 DH₇₉, 6, 2, 5; 2001 DJ₇₉, 6, 2, 5; 2001 DK₇₉, 6, 2, 5; 2001 DL₇₉, 6, 2, 5; 2001 DM₇₉, 6, 2, 5; 2001 DN₇₉, 6, 2, 5; 2001 DO₇₉, 6, 2, 4; 2001 DP₇₉, 6, 2, 4; 2001 DQ₇₉, 6, 2, 4; 2001 DR₇₉, 6, 2, 4; 2001 DT₇₉, 6, 2, 4; 2001 DU₇₉, 6, 2, 4; 2001 DV₇₉, 6, 2, 4; 2001 DW₇₉, 6, 2, 4; 2001 DX₇₉, 6, 2, 4; 2001 DY₇₉, 6, 2, 4; 2001 DZ₇₉, 6, 2, 4; 2001 DA

3, 1, 0; (4122), 3, 1, 0; (4135), 6, 2, 3; (4149), 3, 1, 0; (4152), 3, 1, 0; (4159), 3, 1, 0; (4181), 3, 1, 0; (4271), 3, 1, 0; (4338), 6, 2, 1; (4388), 3, 1, 0; (4431), 3, 1, 0; (4483), 6, 2, 8; (4567), 3, 1, 0; (4595), 6, 2, 5; (4750), 3, 1, 0; (4854), 3, 1, 0; (4892), 3, 1, 0; (4992), 3, 1, 0; (5019), 3, 1, 0; (5093), 6, 2, 5; (5104), 3, 1, 0; (5183), 6, 2, 5; (5185), 3, 1, 0; (5199), 3, 1, 0; (5211), 3, 1, 0; (5316), 6, 2, 7; (5371), 3, 1, 0; (5374), 3, 1, 0; (5396), 3, 1, 0; (5495), 3, 1, 0; (5614), 3, 1, 0; (5685), 3, 1, 0; (5699), 3, 1, 0; (5749), 3, 1, 0; (5760), 3, 1, 0; (5769), 3, 1, 0; (5858), 3, 1, 0; (5865), 6, 2, 3; (5916), 3, 1, 0; (5929), 3, 1, 0; (5951), 3, 1, 0; (5956), 3, 1, 0; (6003), 3, 1, 0; (6009), 3, 1, 0; (6094), 3, 1, 0; (6128), 3, 1, 0; (6139), 6, 2, 8; (6147), 3, 1, 0; (6163), 6, 2, 7; (6179), 3, 1, 0; (6249), 6, 2, 4; (6419), 3, 1, 0; (6475), 3, 1, 0; (6481), 3, 1, 0; (6520), 3, 1, 0; (6536), 3, 1, 0; (6560), 3, 1, 0; (6772), 3, 1, 0; (6833), 6, 2, 12; (6838), 3, 1, 0; (6894), 3, 1, 0; (6916), 3, 1, 0; (6941), 3, 1, 0; (6989), 3, 1, 0; (7036), 3, 1, 0; (7037), 3, 1, 0; (7104), 3, 1, 0; (7214), 6, 2, 1; (7330), 3, 1, 0; (7369), 3, 1, 0; (7477), 3, 1, 0; (7526), 3, 1, 0; (7543), 6, 2, 5; (7600), 3, 1, 0; (7602), 3, 1, 0; (7631), 3, 1, 0; (7659), 3, 1, 0; (7735), 3, 1, 0; (7828), 3, 1, 0; (7836), 3, 1, 0; (7838), 3, 1, 0; (7928), 3, 1, 0; (8631), 3, 1, 0; (8646), 3, 1, 0; (8653), 3, 1, 0; (8669), 3, 1, 0; (8692), 3, 1, 0; (8823), 6, 2, 9; (8827), 3, 1, 0; (8843), 3, 1, 0; (8864), 3, 1, 0; (8882), 3, 1, 0; (8897), 3, 1, 0; (8903), 3, 1, 0; (8954), 3, 1, 0; (8977), 3, 1, 0; (9021), 3, 1, 0; (9035), 3, 1, 0; (9055), 3, 1, 0; (9115), 3, 1, 0; (9186), 3, 1, 0; (9251), 3, 1, 0; (9297), 3, 1, 0; (9316), 3, 1, 0; (9522), 3, 1, 0; (9526), 3, 1, 0; (9558), 3, 1, 0; (9807), 3, 1, 0; (9906), 3, 1, 0; (10112), 3, 1, 0; (10664), 3, 1, 0; (10737), 3, 1, 0; (10989), 3, 1, 0; (10992), 3, 1, 0; (11217), 3, 1, 0; (11375), 3, 1, 0; (11379), 3, 1, 0; (11381), 3, 1, 0; (11388), 3, 1, 0; (11396), 6, 2, 5; (11397), 6, 2, 13; (11411), 3, 1, 0; (11447), 3, 1, 0; (11511), 3, 1, 0; (11526), 6, 2, 4; (11539), 3, 1, 0; (11575), 3, 1, 0; (11586), 3, 1, 0; (11634), 6, 2, 9; (11650), 3, 1, 0; (11739), 3, 1, 0; (11849), 3, 1, 0; (11851), 3, 1, 0; (11862), 3, 1, 0; (11962), 3, 1, 0; (12002), 6, 2, 5; (12010), 3, 1, 0; (12068), 3, 1, 0; (12162), 3, 1, 0; (12174), 3, 1, 0; (12194), 3, 1, 0; (12203), 3, 1, 0; (12235), 3, 1, 0; (12238), 3, 1, 0; (12253), 3, 1, 0; (12308), 3, 1, 0; (12351), 3, 1, 0; (12354), 3, 1, 0; (12362), 6, 2, 5; (12377), 6, 2, 4; (12395), 3, 1, 0; (12405), 3, 1, 0; (12430), 3, 1, 0; (12448), 3, 1, 0; (12449), 3, 1, 0; (12460), 3, 1, 0; (12481), 6, 2, 5; (12512), 3, 1, 0; (12527), 3, 1, 0; (12535), 3, 1, 0; (12541), 3, 1, 0; (12588), 3, 1, 0; (12622), 3, 1, 0; (12631), 3, 1, 0; (12654), 3, 1, 0; (12660), 3, 1, 0; (12662), 3, 1, 0; (12688), 3, 1, 0; (12760), 3, 1, 0; (12761), 3, 1, 0; (12790), 3, 1, 0; (12859), 3, 1, 0; (12925), 3, 1, 0; (12966), 3, 1, 0; (13027), 3, 1, 0; (13040), 3, 1, 0; (13041), 3, 1, 0; (13080), 3, 1, 0; (13090), 3, 1, 0; (13180), 3, 1, 0; (13233), 3, 1, 0; (13243), 3, 1, 0; (13291), 3, 1, 0; (13383), 3, 1, 0; (13424), 3, 1, 0; (13685), 3, 1, 0; (13704), 3, 1, 0; (13834), 3, 1, 0; (13856), 3, 1, 0; (13899), 6, 2, 5; (14328), 3, 1, 0; (14449), 3, 1, 0; (15033), 3, 1, 0; (15436), 6, 2, 5; (15516), 6, 2, 4; (15520), 3, 1, 0; (15682), 3, 1, 0; (15979), 2, 1, 0; (16093), 3, 1, 0; (16105), 3, 1, 0; (16114), 3, 1, 0; (16143), 3, 1, 0; (16144), 3, 1, 0; (16145), 3, 1, 0; (16432), 3, 1, 0; (16442), 3, 1, 0; (16557), 3, 1, 0; (16559), 3, 1, 0; (17191), 3, 1, 0; (17210), 3, 1, 0; (18226), 3, 1, 0; (18263), 3, 1, 0; (18330), 3, 1, 0; (18879), 6, 2, 12; (19126), 3, 1, 0; (19188), 3, 1, 0; (19207), 3, 1, 0; (19329), 3, 1, 0; (19388), 3, 1, 0; (19443), 3, 1, 0; (19456), 3, 1, 0; (19492), 3, 1, 0; (19507), 3, 1, 0; (19511), 3, 1, 0; (19714), 3, 1, 0; (19736), 3, 1, 0; (19746), 3, 1, 0; (19933), 3, 1, 0; (19964), 3, 1, 0; (19969), 3, 1, 0; (19974), 3, 1, 0; (19977), 3, 1, 0; (19982), 6, 2, 7; (20003), 3, 1, 0; (20037), 3, 1, 0; (20120), 3, 1, 0; (20168), 3, 1, 0; (20220), 6, 2, 4; (20372), 3, 1, 0; (20378), 3, 1, 0; (20392), 6, 2, 5; (20401), 3, 1, 0; (20407), 3, 1, 0; (20412), 3, 1, 0; (20490), 3, 1, 0; (20500), 3, 1, 0; (20520), 3, 1, 0; (20524), 3, 1, 0; (20529), 3, 1, 0; (20574), 3, 1, 0; (20599), 9, 3, 3; (20634), 3, 1, 0; (20672), 3, 1, 0; (20675), 3, 1, 0; (20683), 3, 1, 0; (20685), 3, 1, 0; (20688), 3, 1, 0; (20721), 3, 1, 0; (20744), 3, 1, 0; (20751), 6, 2, 5; (20790), 9, 3, 13; (20891), 3, 1, 0; (20904), 3, 1, 0; (20942), 3, 1, 0; (20964), 3, 1, 0; (20966), 3, 1, 0; (20996), 3, 1, 0; (21005), 3, 1, 0; (21065), 3, 1, 0; (21104), 3, 1, 0; (21116), 3, 1, 0; (21153), 6, 2, 5; (21163), 3, 1, 0; (21168), 3, 1, 0; (21209), 3, 1, 0; (21219), 3, 1, 0; (21222), 3, 1, 0; (21226), 3, 1, 0; (21235), 3, 1, 0; (21241), 9, 3, 12; (21248), 6, 2, 2; (21258), 3, 1, 0; (21262), 3, 1, 0; (21282), 3, 1, 0; (21284), 3, 1, 0; (21285), 3, 1, 0; (21289), 3, 1, 0; (21311), 3, 1, 0; (21395), 3, 1, 0; (21404), 3, 1, 0; (21409), 3, 1, 0; (21427), 3, 1, 0; (21431), 3, 1, 0; (21432), 3, 1, 0; (21441), 3, 1, 0; (21460), 3, 1, 0; (21463), 3, 1, 0; (21464), 3, 1, 0; (21467), 3, 1, 0; (21475), 3, 1, 0; (21480), 3, 1, 0; (21506), 3, 1, 0; (21516), 3, 1, 0; (21527), 3, 1, 0; (21531), 6, 2, 5; (21536), 3, 1, 0; (21541), 3, 1, 0; (21544), 3, 1, 0; (21556), 3, 1, 0; (21557), 3, 1, 0; (21559), 6, 2, 12; (21563), 3, 1, 0; (21674), 3, 1, 0; (21688), 3, 1, 0; (21715), 3, 1, 0; (21764), 3, 1, 0; (21765), 3, 1, 0; (21766), 3, 1, 0; (21775), 3, 1, 0; (21848), 3, 1, 0; (21865), 3, 1, 0; (21867), 3, 1, 0; (21868), 3, 1, 0; (21902), 3, 1, 0; (21906), 3, 1, 0; (21914), 3, 1, 0; (21931), 3, 1, 0; (21933), 3, 1, 0; (21940), 3, 1, 0; (21941), 3, 1, 0; (21944), 3, 1, 0; (21946), 3, 1, 0; (21951), 3, 1, 0; (21958), 3, 1, 0; (21963), 9, 3, 12; (21964), 3, 1, 0; (21983), 3, 1, 0; (21987), 3, 1, 0; (22018), 3, 1, 0; (22035), 3, 1, 0; (22037), 3, 1, 0; (22051), 3, 1, 0; (22062), 3, 1, 0; (22064), 3, 1, 0; (22076), 3, 1, 0; (22096), 3, 1, 0; (22097), 3, 1, 0; (22130), 3, 1, 0; (22227), 3, 1, 0; (22228), 3, 1, 0; (22229), 3, 1, 0; (22233), 3, 1, 0; [6014, 1627, 154*, 1996/01/08-2001/03/02]

610 Pianoro

V. Goretti, Via Resistenza 93, I-40065 Pianoro (BO), Italy

[astrofil@astboi.bo.cnr.it]

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

GSC, USNO-A2.0

2000 XL₄₄, 5, 1, 0; (1620), 9, 2, 2; (4179), 5, 1, 0; (20790), 5, 1, 0; (21088), 5, 1, 0; [29, 5, 0*, 2001/02/13-2001/02/15]

611 Starckenburg Sternwarte, Heppenheim

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

Observers R. Stoss, M. Busch

Measurer R. Stoss

0.45-m $f/4.4$ reflector + CCD

USNO-SA2.0, GSC-ACT

1950 DA, 4, 1, 0; 1999 TH₂₈, 1, 1, 0; 2000 UG₅₆, 2, 1, 0; 2000 YM₂₉, 3, 1, 0; 2001 BO₆₁, 3, 1, 0; 2001 CY₄, 2, 1, 0; 2001 CC₂₁, 4, 1, 0; 2001 CK₃₂, 4, 1, 0; 2001 CP₃₆, 8, 1, 0; 2001 CQ₃₆, 3, 1, 0; 2001 DC₁₅, 2, 1, 0; 2001 DF₈₀, 6, 2, 1; 2001 DG₈₀, 3, 1, 0; (832), 3, 1, 0; (1855), 3, 1, 0; (7407), 1, 1, 0; (8650), 3, 1, 0; (8793), 2, 1, 0; (18817), 2, 1, 0; (22089), 4, 1, 0; [63, 20, 0*, 2001/02/14-2001/02/25]

620 Observatorio Astronómico de Mallorca

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

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

Observers S. Sanchez, M. Blasco

0.30-m $f/3$ Schmidt-Cassegrain + CCD, 0.40-m $f/2.2$ Schmidt + CCD

GSC, USNO-A2.0

1999 TL₁₁, 3, 1, 0; [3, 1, 0*, 2001/02/26-2001/02/27]

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

1998 FK₇₄, 11, 4, 17; 1999 RH₃, 10, 4, 17; 1999 RT₈₇, 3, 1, 0; 1999 RY₉₂, 5, 1, 0; 1999 RJ₁₁₄, 8, 1, 0; 1999 RO₁₇₇, 3, 1, 0; 1999 RA₂₁₄, 3, 1, 0; 1999 SO₆, 6, 2, 2; 1999 TL, 9, 3, 2; 1999 UR₄, 7, 2, 1; 1999 UH₁₁, 6, 2, 1; 1999 VS₂, 7, 2, 2; 1999 XM₈₁, 15, 2, 2; 2000 EC₉₈, 6, 3, 10; 2000 EB₁₇₃, 10, 2, 2; 2000 WO₁₄₈, 13, 2, 2; 2000 YA₁₂, 11, 3, 60; 2000 YF₉₂, 2, 1, 0; 2001 AV₁₈, 8, 2, 1; 2001 AG₄₈, 8, 3, 16; 2001 AH₄₈, 13, 4, 17; 2001 BT₁, 13, 4, 17; 2001 BU₁, 10, 3, 17; 2001 BK₅₄, 3, 1, 0; 2001 BH₇₄, 12, 3, 2; 2001 BA₈₀, 6, 2, 1; 2001 CX₂₂, 4, 1, 0; 2001 CB₃₂, 13, 3, 2; 2001 CC₃₂, 12, 3, 2; 2001 CD₃₂, 11, 3, 2; 2001 CF₄₂ *, 13, 5, 13; 2001 CG₄₂ *, 9, 3, 2; 2001 CH₄₂ *, 10, 3, 12; 2001 DA₁, 11, 2, 1; 2001 DB₁, 10, 2, 1; 2001 DM₆₄, 4, 1, 0; (7426), 3, 1, 0; (8049), 8, 1, 0; (9146), 6, 2, 2; [322, 39, 3*, 2000/12/28-2001/02/27]

627 Blauvac

R. Roy, Le Badassier St Esteve, F-84570 Blauvac, France [Rene.Roy@wanadoo.fr]

0.26-m $f/4.7$ reflector + CCD

USNO-SA1.0

(1122), 3, 1, 0; (4440), 3, 1, 0; (6000), 3, 1, 0; (20790), 3, 1, 0; [12, 4, 0*, 2001/02/15]

628 Mülheim-Ruhr

A. Martin, Turtle Star Observatory, Friedhostr. 15, D-45478 Mülheim-Ruhr,

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

Observers A. Boeker, A. Martin

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

CCD

USNO-A2.0

1993 AQ, 4, 1, 0; 1998 KF₄₀, 4, 1, 0; 1998 MW₃₂, 4, 1, 0; 1999 RC₂₂, 4, 1, 0; 1999 RL₁₂₇, 4, 1, 0; 1999 XT₁₇, 4, 1, 0; 2000 QW₁₈₁, 2, 1, 0; 2000 RG₇₉, 3, 1, 0; 2000 SW₁₆₀, 9, 2, 10; 2000 VH₃₇, 3, 1, 0; 2000 VW₆₀, 3, 1, 0; 2000 WH₄₁, 5, 1, 0; 2000 XN₁₁, 5, 1, 0; 2000 XR₁₃, 5, 1, 0; 2001 AV₁, 5, 1, 0; (8853), 4, 1, 0; [68, 16, 0*, 2001/02/09-2001/02/26]

642 Oak Bay, Victoria

C. E. Spratt, 1431 St. Patrick Street, Victoria, BC V8S 4Y5, Canada

[cspratt@islandnet.com]

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

GSC, USNO-SA2.0

1950 DA, 11, 3, 9; 2000 XL₄₄, 2, 1, 0; (1620), 4, 1, 0; (2155), 3, 1, 0; (3199), 10, 3, 6; (4179), 15, 4, 13; (5535), 11, 3, 14; (20898), 7, 2, 5; [63, 8, 0*, 2001/02/12-2001/02/26]

649 Powell Observatory, Louisburg

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

[lrobinsn@ix.netcom.com]

Observer S. Granger, A. Hahn, S. Kranz, R. Fredrick

Measurer S. Kranz

0.30-m Schmidt-Cassegrain + CCD

GSC-1.1

2000 WT₁₆₈, 3, 1, 0; 2000 XL₄₄, 3, 1, 0; 2000 YE₂₉, 3, 1, 0; 2001 BV₆₇, 3, 1, 0; 2001 CA₃₂, 3, 1, 0; 2001 CK₄₂, 3, 1, 0; 2001 CL₄₂, 3, 1, 0; 2001 DS₈, 4, 1, 0; 2001 DU₈, 3, 1, 0; 2001 DE₄₇, 3, 1, 0; 2001 DF₄₇, 3, 1, 0; 2001 DG₄₇, 4, 1, 0; (3199), 3, 1, 0; (20790), 3, 1, 0; [44, 14, 0*, 2001/02/20-2001/02/26]

670 Camarillo

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

[johnrogers@csi.com]

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

USNO-A2.0

1950 DA, 2, 1, 0; 1998 SF₃₆, 3, 1, 0; 1998 WT, 4, 2, 6; 2000 SS₁₆₄, 4, 2, 6; 2000 VN₂, 2, 1, 0; 2000 XL₄₄, 2, 1, 0; 2000 YG₄, 3, 1, 0; 2001 CC₂₁, 6, 2, 6; 2001 CB₃₂, 5, 3, 8; 2001 CK₃₂, 2, 1, 0; 2001 CP₃₆, 2, 1, 0; 2001 DU₈, 3, 1, 0; 2001 DF₄₇, 1, 1, 0; [39, 13, 0*, 2001/02/09-2001/02/23]

673 Table Mountain Observatory

M. Hicks, Jet Propulsion Laboratory, MS 183-501, 4800 Oak Grove Drive,

Pasadena, CA 91109, U.S.A. [hicksm@scn1.jpl.nasa.gov]

Observers D. Esqueda, A. Esqueda, T. Ha

Measurer M. Hicks

0.61-m $f/16$ reflector + CCD

2001 CZ₂₀, 6, 2, 1; 2001 CA₂₁, 4, 1, 0; 2001 CC₂₁, 2, 1, 0; 2001 CD₂₁, 3, 1, 0; 2001 CE₂₁, 3, 1, 0; [18, 5, 0*, 2001/02/03-2001/02/04]

675 Palomar

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)

M. Hicks, Jet Propulsion Laboratory, MS 183-501, 4800 Oak Grove Drive,

Pasadena, CA 91109, U.S.A. [hicksm@scn1.jpl.nasa.gov] (5)

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

U.S.A. [elgb@lowell.edu] (6)

J. Kavelaars, Dept. of Physics and Astronomy, McMaster University, Hamilton,

ON L8S 4M1, Canada [kavelaars@physics.mcmaster.ca] (8)

9 = 6 + 3

Observers E. F. Helin (2), K. Lawrence (2), C. S. Shoemaker (3),

E. M. Shoemaker (3), M. Hicks (5), B. Buratti (5), P. D. Nicholson (8),

J. Kavelaars (8)

Measurers K. Lawrence (2), M. Hicks (5), B. A. Skiff (6), J. Kavelaars (8)

0.46-m Schmidt

{2} 1999 RM₁₉₄, 2, 1, 0; 1999 XF₂₀, 1, 1, 0; 2000 SH₃₂₇, 2, 1, 0; [5, 3, 0*, 1992/07/05-1994/04/14]

{5} 2001 CP₃₆, 5, 2, 1; 2001 CQ₃₆, 3, 1, 0; 2001 CJ₄₂, 6, 2, 1; 2001 CK₄₂, 2, 1, 0; 2001 CL₄₂, 1, 1, 0; 2001 DQ₈, 3, 1, 0; [20, 6, 0*, 2001/02/16-2001/02/17]

{6} 1999 VD₉, 2, 1, 0; 2000 AR₂₄₂, 2, 1, 0; 2000 NK₂₅, 2, 1, 0; (20745), 2, 1, 0; (20751), 2, 1, 0; (22130), 2, 1, 0; [12, 6, 0*, 1950/04/22-1955/11/19]

{8} 2000 WM₁₈₃, 2, 1, 0; 2000 WN₁₈₃, 2, 1, 0; [4, 2, 0*, 2001/01/23]

{9} 1997 GP₂₄, 1, 1, 0; 1998 FZ₅₉, 2, 1, 0; 1998 RD₇₁, 1, 1, 0; 1998 SC₆₀, 2, 1, 0; 1999 AW₃, 2, 1, 0; 1999 GU₈, 2, 1, 0; 2000 HF₂₆, 1, 1, 0; 2000 PW₁₁, 1, 1, 0; 2000 QP₁₁₆, 1, 1, 0; 2000 WM₇₂, 2, 1, 0; 2000 WH₇₉, 1, 1, 0; 2000 XK₅₀, 1, 1, 0; 2000 YE₃₅, 2, 1, 0; 2001 AJ₄₂, 2, 1, 0; 2001 BB₆₆, 2, 1, 0; (21466), 2, 1, 0; [25, 16, 0*, 1986/03/04-1994/09/12]

678 Fountain Hills

C. W. Juels, P.O. Box 19960, Fountain Hills, AZ 85269, U.S.A.

[cwjuels@futureone.com]

0.32-m $f/4.5$ reflector + CCD

GSC-1.1

1999 EK₁₄, 2, 1, 0; [2, 1, 0*, 1999/03/22]

682 Kanab

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

[mened@xpressweb.com]

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

USNO-A2.0

1996 VY₁₀, 2, 1, 0; 1997 FJ, 2, 1, 0; 1998 KE₃, 3, 1, 0; 1999 FB₅₁, 2, 1, 0; 1999 JW₆₃, 1, 1, 0; 1999 RK₈, 2, 1, 0; 2000 GJ, 1, 1, 0; 2000 QM₁₂₈, 2, 1, 0; 2000 RW₃₈, 2, 1, 0; 2000 SE₂₉₄, 2, 1, 0; 2000 VJ₄₇, 2, 1, 0; 2000 WX₁₈, 2, 1, 0; 2000 WK₉₆, 2, 1, 0; 2000 XO₃₈, 2, 1, 0; 2000 XU₄₄, 2, 1, 0; 2001 CO₁₁, 2, 1, 0; 2001 CQ₂₄ *, 2, 1, 0; (20072), 2, 1, 0; [35, 18, 1*, 1998/05/27-2001/02/10]

684 Prescott

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

[comba@northlink.com]

0.46-m $f/4.5$ reflector + CCD

GSC

1996 GA₁, 5, 2, 1; 1997 KG, 2, 1, 0; 1997 ND₃, 4, 2, 2; 1998 FB₁₂, 3, 1, 0; 1998 HQ₂₃, 5, 2, 1; 1998 KM₉, 4, 2, 1; 1998 QY, 4, 2, 1; 1998 RP₁, 2, 1, 0; 1998 SC₂₈, 2, 1, 0; 1999 NP₉, 3, 1, 0; 1999 PM₃, 5, 2, 1; 1999 RG, 8, 3, 2; 1999 RF₃₂, 2, 1, 0; 1999 RL₁₂₄, 2, 1, 0; 1999 RE₁₆₈, 2, 1, 0; 1999 TK, 5, 2, 2; 1999 TZ₉, 4, 2, 1; 1999 TE₁₀, 4, 2, 1; 1999 TH₁₀, 4, 2, 2; 1999 TQ₁₂, 2, 1, 0; 1999 TB₁₄, 5, 2, 2; 1999 TD₁₄, 2, 1, 0; 1999 TT₁₈, 2, 1, 0; 1999 TH₁₉, 6, 2, 2; 1999 UW₃, 4, 2, 1; 1999 UJ₂₃, 2, 1, 0; 1999 WF₁₇, 2, 1, 0; 2000 YW₁₃₄, 7, 2, 1; 2001 BE₆₈, 5, 2, 2; 2001 BF₇₁, 2, 1, 0; 2001 CW₁₉ *, 8, 4, 18; 2001 CX₁₉ *, 4, 2, 2; 2001 CY₁₉ *, 5, 2, 2; 2001 CK₂₈, 3, 1, 0; 2001 CL₃₁ *, 4, 2, 1; 2001 CM₃₁ *, 4, 2, 1; 2001 CN₃₁ *, 4, 2, 1; 2001 DS₂ *, 6, 2, 1; 2001 DT₂ *, 4, 2, 1; 2001 DU₂ *, 6, 2, 1; 2001 DV₁₃ *, 4, 2, 1; 2001 DW₁₃ *, 4, 2, 1; 2001 DB₂₃, 3, 1, 0; 2001 DA₃₀, 5, 2, 2; 2001 DB₃₀, 3, 1, 0; 2001 DC₄₈ *, 6, 2, 2; 2001 DC₅₉, 2, 1, 0; 2001 DD₅₉ *, 4, 2, 1; [188, 48, 13*, 2001/02/02-2001/02/24]

688 Lowell Observatory, Anderson Mesa Station

M. W. Buie, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001,

U.S.A. [buie@lowell.edu] (1)

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 M. W. Buie (1), B. A. Skiff (4), R. L. Millis (5), L. H. Wasserman (5)

Measurer M. W. Buie (1), B. A. Skiff (4), L. H. Wasserman (5)

1.8-m reflector + CCD, 1.07-m reflector + CCD

USNO-A2.0

{1} 1997 AO, 3, 1, 0; 1999 RT₁₁₀, 2, 1, 0; 2001 DY₃₅, 3, 1, 0; 2001 DT₄₁, 2, 1, 0; 4316 T-3, 2, 1, 0; [12, 5, 0*, 1997/07/08-1998/04/21]

{4} 1999 AK₂, 2, 1, 0; 2000 FC₄₆, 2, 1, 0; 2001 CH, 2, 1, 0; [6, 3, 0*, 1997/08/01-1997/10/30]

{5} 1989 SH₄, 3, 1, 0; 1993 FQ₃₂, 3, 1, 0; 1994 PF₁₄, 2, 1, 0; 1995 UG, 2, 1, 0; 1998 QY₂₂, 2, 1, 0; 1999 DF₉, 2, 1, 0; 1999 JN₁₁₂, 3, 1, 0; 1999 RT₃₅, 2, 1, 0; 1999 RL₂₃₁, 2, 1, 0; 1999 TR₉₆, 2, 1, 0; 2000 CL₁₀₄, 2, 1, 0; 2000 CM₁₀₅, 2, 1, 0; 2000 EC₉₈, 2, 1, 0; 2000 UY₂₃, 3, 1, 0; 2000 WK₉, 3, 1, 0; 2001 BL₄₁, 2, 1, 0; 2001 BR₄₃, 3, 1, 0; 2001 BL₅₆, 3, 1, 0; 2001 DC₁₅, 2, 1, 0; 2001 DJ₂₇,

2, 1, 0; 2001 DK₄₃, 2, 1, 0; 2001 DQ₆₀, 2, 1, 0; (3917), 2, 1, 0; (6248), 3, 1, 0; (8253), 3, 1, 0; (10081), 3, 1, 0; (12499), 2, 1, 0; (15535), 2, 1, 0; (17831), 3, 1, 0; (18720), 3, 1, 0; (18932), 3, 1, 0; [75, 31, 0*, 2000/01/05-2001/02/22]

691 Kitt Peak, Steward Observatory

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

Observers A. E. Gleason, T. Gehrels, J. A. Larsen, J. L. Montani, R. S. McMillan,
J. V. Scotti

0.91-m Spacewatch telescope + CCD

USNO-SA2.0

1977 SL₃, 3, 1, 0; 1979 QQ₂, 3, 1, 0; 1981 DL₂, 3, 1, 0; 1981 EQ₇, 3, 1, 0; 1981 EP₁₁, 3, 1, 0; 1981 EA₁₉, 3, 1, 0; 1981 EL₂₃, 3, 1, 0; 1981 ET₂₃, 3, 1, 0; 1981 EE₃₆, 3, 1, 0; 1981 EY₄₃, 3, 1, 0; 1981 EF₄₇, 3, 1, 0; 1982 UA₆, 3, 1, 0; 1983 RJ₁, 6, 2, 7; 1985 CD₂, 3, 1, 0; 1986 QW₂, 3, 1, 0; 1988 RL₁₂, 3, 1, 0; 1989 SM₁, 6, 2, 8; 1989 SX₉, 9, 3, 1027; 1990 HU₅, 3, 1, 0; 1990 RB₇, 3, 1, 0; 1990 SG₅, 3, 1, 0; 1990 TH₃, 3, 1, 0; 1991 PZ₁, 6, 2, 1520; 1991 PE₂, 3, 1, 0; 1991 PX₆, 3, 1, 0; 1991 SE₂, 3, 1, 0; 1992 CK₁, 3, 1, 0; 1992 DA₈, 3, 1, 0; 1992 EC₈, 3, 1, 0; 1992 GD₄, 1, 1, 0; 1992 HQ₃, 3, 1, 0; 1992 OL₈, 3, 1, 0; 1992 RS₃, 1, 0; 1992 RW₂, 6, 2, 1; 1992 RO₃, 3, 1, 0; 1992 WD₁, 3, 1, 0; 1992 WS₆, 3, 1, 0; 1993 FA₉, 3, 1, 0; 1993 FK₁₁, 3, 1, 0; 1993 FN₂₂, 3, 1, 0; 1993 FL₃₂, 3, 1, 0; 1993 FE₃₈, 3, 1, 0; 1993 FQ₃₈, 3, 1, 0; 1993 FV₄₅, 3, 1, 0; 1993 FN₄₉, 3, 1, 0; 1993 FB₅₂, 3, 1, 0; 1993 FN₅₃, 3, 1, 0; 1993 LO₃, 3, 1, 0; 1993 MT₆, 2, 4; 1993 QD₇, 3, 1, 0; 1993 QL₇, 3, 1, 0; 1993 QG₈, 3, 1, 0; 1993 QS₉, 3, 1, 0; 1993 SO₇, 6, 2, 1; 1993 TA₁₆, 3, 1, 0; 1993 TM₂₀, 3, 1, 0; 1993 TP₂₁, 2, 1, 0; 1993 TP₂₂, 3, 1, 0; 1993 TD₂₈, 3, 1, 0; 1993 TZ₄₆, 3, 1, 0; 1994 CX₃, 3, 1, 0; 1994 CZ₄, 3, 1, 0; 1994 CM₈, 3, 1, 0; 1994 CN₁₀, 3, 1, 0; 1994 CM₁₂, 3, 1, 0; 1994 ES₃, 3, 1, 0; 1994 EG₅, 3, 1, 0; 1994 PY₂, 3, 1, 0; 1994 PT₃, 3, 1, 0; 1994 PC₉, 3, 1, 0; 1994 PW₁₀, 6, 2, 5; 1994 PA₁₃, 3, 1, 0; 1994 PN₁₄, 3, 1, 0; 1994 PM₂₀, 3, 1, 0; 1994 PJ₂₄, 2, 1, 0; 1994 PY₂₅, 3, 1, 0; 1994 PU₂₆, 6, 2, 1; 1994 PT₂₇, 3, 1, 0; 1994 SF₉, 3, 1, 0; 1994 VX₁, 3, 1, 0; 1995 AD₂, 3, 1, 0; 1995 AO₂, 3, 1, 0; 1995 DY₈, 21, 7, 2574; 1995 DM₁₂, 3, 1, 0; 1995 FB₂₀, 9, 3, 23; 1995 KM₁, 3, 1, 0; 1995 LJ₃, 3, 1, 0; 1995 OC₄, 3, 1, 0; 1995 SK₂, 3, 1, 0; 1995 SM₁₉, 3, 1, 0; 1995 ST₂₄, 3, 1, 0; 1995 SS₃₁, 6, 2, 34; 1995 SD₃₃, 3, 1, 0; 1995 SW₃₄, 3, 1, 0; 1995 UB₂₄, 3, 1, 0; 1995 VX₄, 3, 1, 0; 1995 VF₁₃, 3, 1, 0; 1995 WW₄, 3, 1, 0; 1995 WA₂₀, 3, 1, 0; 1995 WT₂₁, 6, 2, 15; 1995 YE₅, 3, 1, 0; 1995 YH₂₅, 3, 1, 0; 1996 DT₃, 1, 0; 1996 EB₇, 3, 1, 0; 1996 EK₉, 3, 1, 0; 1996 EF₁₅, 3, 1, 0; 1996 FH₁₉, 3, 1, 0; 1996 JD₆, 3, 1, 0; 1996 PZ₇, 3, 1, 0; 1996 QH₆, 2, 4; 1996 RE₃₁, 3, 1, 0; 1996 TM₉, 9, 3, 11; 1996 TJ₁₁, 3, 1, 0; 1996 TB₃₃, 2, 1, 0; 1996 TQ₃₆, 3, 1, 0; 1996 TH₃₇, 3, 1, 0; 1996 VQ₂, 6, 2, 1; 1996 XK₁, 3, 1, 0; 1996 XP₁₂, 3, 1, 0; 1996 XS₁₃, 6, 2, 522; 1996 XH₁₆, 3, 1, 0; 1996 XL₁₉, 3, 1, 0; 1996 XN₁₉, 3, 1, 0; 1996 XC₂₃, 3, 1, 0; 1996 XC₂₆, 5, 2, 2483; 1996 XO₂₇, 6, 2, 12; 1996 XO₃₇ *, 6, 2, 31; 1997 AQ₇, 3, 1, 0; 1997 AR₈, 6, 2, 3; 1997 AA₁₀, 3, 1, 0; 1997 BY₃, 3, 1, 0; 1997 BW₅, 3, 1, 0; 1997 CP₁, 3, 1, 0; 1997 CB₆, 3, 1, 0; 1997 CN₁₂, 3, 1, 0; 1997 CE₂₁, 3, 1, 0; 1997 CH₂₂, 3, 1, 0; 1997 CZ₂₃, 3, 1, 0; 1997 EU₃, 2, 1, 0; 1997 ER₅, 3, 1, 0; 1997 EK₁₁, 9, 3, 2984; 1997 EW₁₄, 3, 1, 0; 1997 EK₁₅, 3, 1, 0; 1997 EG₁₈, 3, 1, 0; 1997 EH₂₉, 3, 1, 0; 1997 EB₃₇, 3, 1, 0; 1997 EP₃₉, 3, 1, 0; 1997 EU₄₂, 3, 1, 0; 1997 EG₄₃, 3, 1, 0; 1997 EY₄₈, 3, 1, 0; 1997 EF₅₄, 3, 1, 0; 1997 EC₅₆, 3, 1, 0; 1997 FE₄, 3, 1, 0; 1997 FF₄, 3, 1, 0; 1997 FZ₄, 6, 2, 1479; 1997 GF₃, 3, 1, 0; 1997 GT₁, 3, 1, 0; 1997 GC₂, 3, 1, 0; 1997 GS₂, 3, 1, 0; 1997 GB₄, 9, 3, 28; 1997 GP₇, 3, 1, 0; 1997 GE₁₅, 5, 2, 476; 1997 GA₁₆, 3, 1, 0; 1997 GM₁₇, 3, 1, 0; 1997 GO₂₂, 3, 1, 0; 1997 GV₃₂, 3, 1, 0; 1997 GW₃₂, 3, 1, 0; 1997 GX₃₂, 3, 1, 0; 1997 GE₃₄, 3, 1, 0; 1997 GC₃₆, 3, 1, 0; 1997 GP₄₀, 6, 2, 17; 1997 GD₄₃, 6, 2, 5; 1997 HR₇, 3, 1, 0; 1997 HV₁₀, 3, 1, 0; 1997 HZ₁₃, 3, 1, 0; 1997 JL₃, 1, 0; 1997 JP₁₁, 9, 3, 3185; 1997 JF₁₂, 6, 2, 31; 1997 JM₁₄, 3, 1, 0; 1997 JR₁₅, 3, 1, 0; 1997 LT₄, 3, 1, 0; 1997 LP₅, 3, 1, 0; 1997 PL₃, 1, 0; 1997 PF₃, 3, 1, 0; 1997 PN₃, 3, 1, 0; 1997 QL₃, 6, 2, 19; 1997 QW₃, 3, 1, 0; 1997 RJ₁, 3, 1, 0; 1997 SW₃, 3, 1, 0; 1997 SH₃₀, 2, 1, 0; 1997 UF₃, 3, 1, 0; 1997 UM₆, 3, 1, 0; 1997 UL₁₆, 6, 2, 17; 1997 VF₄, 3, 1, 0; 1997 VW₆, 3, 1, 0; 1997 WP₁, 3, 1, 0; 1997 WP₃₈, 3, 1, 0; 1997 WN₄₇, 3, 1, 0; 1997 XC₁, 3, 1, 0; 1997 YV₇, 2, 1, 0; 1997 YC₁₀, 3, 1, 0; 1998 AS₅, 3, 1, 0; 1998 BC₈, 2, 1, 0; 1998 BW₁₅, 3, 1, 0; 1998 BW₂₃, 2, 1, 0; 1998 BB₃₀, 5, 2, 2637; 1998 BO₄₄, 2, 1, 0; 1998 CX₂, 3, 1, 0; 1998 CV₃, 3, 1, 0; 1998 CF₄, 6, 2, 22; 1998 CW₄, 3, 1, 0; 1998 CZ₄, 3, 1, 0; 1998 DD₄, 6, 2, 2361; 1998 DF₆, 6, 2, 1; 1998 DY₇, 3, 1, 0; 1998 DG₁₁, 3, 1, 0; 1998 DC₁₂, 3, 1, 0; 1998 DZ₂₅, 1, 1, 0; 1998 DN₂₈, 3, 1, 0; 1998 DE₃₂, 3, 1, 0; 1998 DF₃₅, 3, 1, 0; 1998 ER₁, 3, 1, 0; 1998 EC₂, 3, 1, 0; 1998 EL₂, 3, 1, 0; 1998 ET₃, 6, 2, 1; 1998 EN₅, 3, 1, 0; 1998 EQ₈, 3, 1, 0; 1998 EE₁₃, 3, 1, 0; 1998 EJ₁₃, 3, 1, 0; 1998 EO₁₄, 3, 1, 0; 1998 FS₁, 9, 3, 6; 1998 FW₁₀, 3, 1, 0; 1998 FK₁₁, 3, 1, 0; 1998 FH₁₃, 3, 1, 0; 1998 FV₁₅, 3, 1, 0; 1998 FW₂₆, 3, 1, 0; 1998 FA₂₇, 3, 1, 0; 1998 FA₃₈, 3, 1, 0; 1998 FN₄₀, 3, 1, 0; 1998 FP₄₀, 3, 1, 0; 1998 FS₄₅, 3, 1, 0; 1998 FD₄₆, 3, 1, 0; 1998 FU₆₀, 6, 2, 3308; 1998 FY₆₁, 3, 1, 0; 1998 FT₆₃, 3, 1, 0; 1998 FV₆₄, 3, 1, 0; 1998 FK₆₇, 3, 1, 0; 1998 FG₆₈, 6, 2, 2390; 1998 FU₆₉, 3, 1, 0; 1998 FA₇₀, 3, 1, 0; 1998 FH₇₀, 3, 1, 0; 1998 FZ₇₁, 3, 1, 0; 1998 FB₇₃, 3, 1, 0; 1998 FP₇₆, 3, 1, 0; 1998 FW₈₇, 3, 1, 0; 1998 FO₉₀, 3, 1, 0; 1998 FV₉₀, 3, 1, 0; 1998 FA₁₀₇, 9, 3, 3072; 1998 FJ₁₀₉, 3, 1, 0; 1998 FO₁₀₉, 3, 1, 0; 1998 FS₁₁₆, 3, 1, 0; 1998 FU₁₁₈, 12, 4, 512; 1998 FY₁₁₈, 3, 1, 0; 1998 FU₁₂₀, 15, 5, 2716; 1998 FJ₁₂₁, 3, 1, 0; 1998 FC₁₂₈, 6, 2, 28; 1998 FY₁₂₉, 3, 1, 0; 1998 FF₁₄₀, 3, 1, 0; 1998 GW₈, 3, 1, 0; 1998 HJ₂, 3, 1, 0; 1998 HT₅, 3, 1, 0; 1998 HL₈, 3, 1,

0; 1998 HR₂₇, 3, 1, 0; 1998 HF₃₀, 3, 1, 0; 1998 HH₃₃, 3, 1, 0; 1998 HR₃₄, 3, 1, 0; 1998 HQ₃₅, 6, 2, 13; 1998 HN₃₈, 3, 1, 0; 1998 HB₄₂, 3, 1, 0; 1998 HY₄₃, 6, 2, 2127; 1998 HC₄₆, 3, 1, 0; 1998 HG₄₇, 3, 1, 0; 1998 HA₄₈, 3, 1, 0; 1998 HO₅₂, 3, 1, 0; 1998 HB₅₅, 3, 1, 0; 1998 HU₅₇, 3, 1, 0; 1998 HV₆₃, 3, 1, 0; 1998 HV₇₄, 3, 1, 0; 1998 HB₈₉, 3, 1, 0; 1998 HM₉₂, 5, 2, 30; 1998 HQ₉₈, 6, 2, 1484; 1998 HW₁₀₀, 3, 1, 0; 1998 HY₁₀₀, 9, 3, 482; 1998 HJ₁₀₂, 3, 1, 0; 1998 HD₁₀₃, 3, 1, 0; 1998 HJ₁₀₅, 3, 1, 0; 1998 HE₁₀₆, 3, 1, 0; 1998 HR₁₀₈, 3, 1, 0; 1998 HZ₁₀₉, 3, 1, 0; 1998 HB₁₁₄, 3, 1, 0; 1998 HG₁₁₈, 3, 1, 0; 1998 HG₁₂₃, 6, 2, 11; 1998 HR₁₂₅, 3, 1, 0; 1998 HZ₁₃₂, 6, 2, 40; 1998 HK₁₃₃, 3, 1, 0; 1998 HP₁₃₉, 3, 1, 0; 1998 HH₁₄₈, 3, 1, 0; 1998 HJ₁₄₈, 3, 1, 0; 1998 HN₁₄₈, 3, 1, 0; 1998 HS₁₄₈, 3, 1, 0; 1998 HW₁₄₈, 3, 1, 0; 1998 HD₁₄₉, 6, 2, 51; 1998 HZ₁₅₃, 3, 1, 0; 1998 KB₃, 1, 0; 1998 KP₄, 3, 1, 0; 1998 KA₆, 6, 2, 3212; 1998 KK₉, 3, 1, 0; 1998 KX₁₀, 3, 1, 0; 1998 KZ₁₀, 3, 1, 0; 1998 KQ₁₉, 3, 1, 0; 1998 KL₂₂, 6, 2, 14; 1998 KO₂₈, 3, 1, 0; 1998 KH₃₄, 3, 1, 0; 1998 KS₃₇, 3, 1, 0; 1998 KB₄₁, 3, 1, 0; 1998 KQ₄₂, 2, 1, 0; 1998 KW₄₄, 3, 1, 0; 1998 KV₄₆, 9, 3, 2060; 1998 KY₄₆, 6, 2, 2132; 1998 KP₄₉, 3, 1, 0; 1998 KG₅₁, 3, 1, 0; 1998 KQ₅₅, 3, 1, 0; 1998 KS₅₆, 3, 1, 0; 1998 KD₅₈, 6, 2, 1446; 1998 KS₆₃, 6, 2, 1071; 1998 KK₆₄, 3, 1, 0; 1998 KO₆₄, 3, 1, 0; 1998 MB₁, 3, 1, 0; 1998 MR₆, 3, 1, 0; 1998 MP₇, 3, 1, 0; 1998 MR₁₅, 3, 1, 0; 1998 MA₁₆, 6, 2, 556; 1998 MS₃₁, 3, 1, 0; 1998 MJ₃₄, 3, 1, 0; 1998 ME₃₅, 6, 2, 5; 1998 MQ₃₅, 3, 1, 0; 1998 MX₄₀, 3, 1, 0; 1998 MA₄₇, 6, 2, 421; 1998 NV₃, 1, 0; 1998 OW₃, 1, 0; 1998 OO₃, 9, 3, 55; 1998 OY₃, 6, 2, 381; 1998 OF₄, 3, 1, 0; 1998 OV₄, 3, 1, 0; 1998 OJ₅, 9, 3, 1012; 1998 OL₈, 3, 1, 0; 1998 OR₈, 3, 1, 0; 1998 OZ₉, 3, 1, 0; 1998 OF₁₀, 3, 1, 0; 1998 OH₁₀, 3, 1, 0; 1998 OP₁₀, 3, 1, 0; 1998 OQ₁₄, 6, 1, 0; 1998 PJ₃, 1, 0; 1998 QE₃, 1, 0; 1998 QL₃, 1, 0; 1998 QC₇, 3, 1, 0; 1998 QO₇, 6, 2, 2716; 1998 QQ₇, 3, 1, 0; 1998 QT₇, 3, 1, 0; 1998 QV₇, 6, 2, 5; 1998 QZ₈, 3, 1, 0; 1998 QL₁₀, 3, 1, 0; 1998 QS₁₀, 3, 1, 0; 1998 QJ₁₁, 3, 1, 0; 1998 QK₁₁, 3, 1, 0; 1998 QT₁₁, 3, 1, 0; 1998 QN₁₂, 3, 1, 0; 1998 QW₁₃, 6, 2, 980; 1998 QB₁₆, 6, 2, 1389; 1998 QR₁₆, 3, 1, 0; 1998 QU₁₈, 3, 1, 0; 1998 QV₁₈, 3, 1, 0; 1998 QV₁₉, 3, 1, 0; 1998 QK₂₀, 3, 1, 0; 1998 QS₂₀, 3, 1, 0; 1998 QW₂₀, 6, 2, 1842; 1998 QG₂₁, 6, 2, 29; 1998 QL₂₃, 6, 2, 5; 1998 QE₂₄, 3, 1, 0; 1998 QK₂₆, 3, 1, 0; 1998 QM₂₆, 3, 1, 0; 1998 QN₂₆, 3, 1, 0; 1998 QO₂₈, 3, 1, 0; 1998 QA₂₉, 3, 1, 0; 1998 QL₂₉, 3, 1, 0; 1998 QZ₃₀, 3, 1, 0; 1998 QC₃₁, 3, 1, 0; 1998 QS₃₂, 3, 1, 0; 1998 QU₃₂, 3, 1, 0; 1998 QW₃₂, 6, 2, 5; 1998 QX₃₂, 3, 1, 0; 1998 QG₃₃, 6, 2, 12; 1998 QX₃₃, 3, 1, 0; 1998 QA₃₄, 3, 1, 0; 1998 QZ₃₅, 3, 1, 0; 1998 QR₃₆, 3, 1, 0; 1998 QT₃₆, 3, 1, 0; 1998 QO₃₇, 3, 1, 0; 1998 QQ₃₇, 3, 1, 0; 1998 QZ₃₇, 9, 3, 10; 1998 QE₃₉, 3, 1, 0; 1998 QH₃₉, 6, 2, 13; 1998 QM₃₉, 6, 2, 52; 1998 QZ₃₉, 6, 1, 0; 1998 QF₄₀, 3, 1, 0; 1998 QN₄₀, 3, 1, 0; 1998 QZ₄₀, 3, 1, 0; 1998 QN₄₁, 3, 1, 0; 1998 QY₄₁, 6, 2, 473; 1998 QD₄₂, 3, 1, 0; 1998 QD₄₃, 6, 2, 1; 1998 QF₄₃, 3, 1, 0; 1998 QA₄₄, 3, 1, 0; 1998 QC₄₄, 3, 1, 0; 1998 QP₄₄, 6, 2, 2182; 1998 QM₄₅, 6, 2, 1006; 1998 QR₄₅, 3, 1, 0; 1998 QV₄₅, 3, 1, 0; 1998 QZ₄₅, 3, 1, 0; 1998 QG₄₆, 6, 2, 14; 1998 QJ₄₆, 2, 1, 0; 1998 QJ₄₇, 3, 1, 0; 1998 QK₄₇, 3, 1, 0; 1998 QX₄₇, 3, 1, 0; 1998 QS₄₈, 3, 1, 0; 1998 QX₄₈, 3, 1, 0; 1998 QZ₄₈, 3, 1, 0; 1998 QN₄₉, 6, 2, 35; 1998 QM₅₀, 6, 2, 7; 1998 QS₅₀, 3, 1, 0; 1998 QE₅₂, 3, 1, 0; 1998 QY₅₂, 9, 3, 2554; 1998 QL₅₃, 3, 1, 0; 1998 QK₅₄, 3, 1, 0; 1998 QS₅₄, 6, 2, 27; 1998 QE₅₇, 3, 1, 0; 1998 QL₇₀, 3, 1, 0; 1998 QL₇₃, 3, 1, 0; 1998 QK₇₆, 3, 1, 0; 1998 QB₇₇, 6, 2, 35; 1998 QB₈₆, 3, 1, 0; 1998 QW₈₆, 6, 2, 10; 1998 QJ₈₇, 3, 1, 0; 1998 QE₉₀, 3, 1, 0; 1998 QV₉₀, 3, 1, 0; 1998 QB₉₃, 3, 1, 0; 1998 QX₉₅, 3, 1, 0; 1998 QU₉₆, 3, 1, 0; 1998 QQ₉₇, 3, 1, 0; 1998 QK₉₈, 3, 1, 0; 1998 QC₁₀₀, 3, 1, 0; 1998 QO₁₀₀, 3, 1, 0; 1998 QA₁₀₁, 3, 1, 0; 1998 QG₁₀₂, 3, 1, 0; 1998 QL₁₀₅, 3, 1, 0; 1998 QP₁₀₅, 3, 1, 0; 1998 QU₁₀₆, 3, 1, 0; 1998 RF₃, 1, 0; 1998 RP₁, 3, 1, 0; 1998 RL₂, 6, 2, 26; 1998 RT₂, 3, 1, 0; 1998 RA₅, 3, 1, 0; 1998 RE₅, 3, 1, 0; 1998 RN₆, 2, 1, 0; 1998 RE₇, 9, 3, 882; 1998 RN₇, 3, 1, 0; 1998 RE₁₁, 3, 1, 0; 1998 RG₁₄, 3, 1, 0; 1998 RY₁₄, 3, 1, 0; 1998 RL₁₅, 6, 2, 540; 1998 RX₁₅, 3, 1, 0; 1998 RE₁₆, 3, 1, 0; 1998 RC₁₇, 3, 1, 0; 1998 RS₁₈, 3, 1, 0; 1998 RU₂₂, 6, 2, 6; 1998 RF₂₃, 3, 1, 0; 1998 RN₂₅, 3, 1, 0; 1998 RX₂₉, 3, 1, 0; 1998 RU₃₆, 3, 1, 0; 1998 RP₃₇, 3, 1, 0; 1998 RO₃₈, 2, 1, 0; 1998 RV₃₉, 9, 3, 36; 1998 RO₄₀, 3, 1, 0; 1998 RH₄₁, 3, 1, 0; 1998 RV₄₂, 3, 1, 0; 1998 RM₄₇, 3, 1, 0; 1998 RQ₄₇, 3, 1, 0; 1998 RZ₄₇, 3, 1, 0; 1998 RJ₄₉, 6, 2, 976; 1998 RZ₄₉, 3, 1, 0; 1998 RP₅₀, 9, 3, 577; 1998 RS₅₀, 6, 2, 1064; 1998 RV₅₀, 3, 1, 0; 1998 RY₅₁, 3, 1

1, 0; 1998 ST₄₃, 3, 1, 0; 1998 SA₄₄, 3, 1, 0; 1998 SG₄₄, 3, 1, 0; 1998 SZ₄₅, 3, 1, 0; 1998 SB₄₉, 3, 1, 0; 1998 SF₄₉, 3, 1, 0; 1998 SD₅₄, 3, 1, 0; 1998 SE₅₄, 3, 1, 0; 1998 SK₅₅, 3, 1, 0; 1998 SC₅₆, 6, 2, 917; 1998 SF₅₆, 3, 1, 0; 1998 SM₅₆, 3, 1, 0; 1998 SP₅₆, 3, 1, 0; 1998 SX₅₆, 3, 1, 0; 1998 SK₅₇, 6, 2, 35; 1998 SO₅₇, 6, 2, 532; 1998 SX₅₇, 6, 2, 16; 1998 SH₅₈, 6, 2, 2331; 1998 SJ₅₈, 3, 1, 0; 1998 ST₅₈, 3, 1, 0; 1998 SV₅₈, 3, 1, 0; 1998 SA₆₁, 3, 1, 0; 1998 SC₆₁, 3, 1, 0; 1998 SN₆₂, 6, 2, 1447; 1998 SK₆₃, 3, 1, 0; 1998 SL₆₃, 3, 1, 0; 1998 SR₆₃, 3, 1, 0; 1998 SH₆₄, 3, 1, 0; 1998 SL₆₅, 6, 2, 530; 1998 SY₆₆, 3, 1, 0; 1998 SF₆₇, 3, 1, 0; 1998 SN₇₁, 3, 1, 0; 1998 SB₇₂, 3, 1, 0; 1998 SH₇₂, 3, 1, 0; 1998 SD₇₅, 3, 1, 0; 1998 SR₇₅, 3, 1, 0; 1998 SW₇₆, 3, 1, 0; 1998 SS₈₃, 3, 1, 0; 1998 SV₈₃, 9, 3, 32; 1998 SX₈₃, 3, 1, 0; 1998 SN₈₅, 3, 1, 0; 1998 SA₈₆, 3, 1, 0; 1998 SS₈₉, 3, 1, 0; 1998 SM₉₃, 3, 1, 0; 1998 SF₉₃, 3, 1, 0; 1998 SP₉₇, 3, 1, 0; 1998 SH₁₀₀, 3, 1, 0; 1998 SN₁₀₀, 3, 1, 0; 1998 ST₁₁₀, 6, 2, 64; 1998 SV₁₁₀, 6, 2, 556; 1998 SF₁₁₁, 3, 1, 0; 1998 SZ₁₁₁, 3, 1, 0; 1998 SW₁₁₅, 3, 1, 0; 1998 SA₁₁₈, 3, 1, 0; 1998 ST₁₁₈, 3, 1, 0; 1998 SY₁₁₈, 3, 1, 0; 1998 SF₁₂₁, 3, 1, 0; 1998 SB₁₂₂, 3, 1, 0; 1998 SZ₁₂₂, 9, 3, 17; 1998 SA₁₂₃, 6, 2, 10; 1998 SE₁₂₄, 6, 2, 10; 1998 SA₁₂₆, 3, 1, 0; 1998 SK₁₂₇, 3, 1, 0; 1998 SB₁₂₉, 3, 1, 0; 1998 SN₁₃₀, 3, 1, 0; 1998 SD₁₃₂, 3, 1, 0; 1998 SV₁₃₂, 3, 1, 0; 1998 SH₁₃₃, 3, 1, 0; 1998 SB₁₃₄, 3, 1, 0; 1998 ST₁₃₄, 3, 1, 0; 1998 SJ₁₃₅, 3, 1, 0; 1998 SR₁₃₅, 3, 1, 0; 1998 SK₁₃₆, 9, 3, 1469; 1998 SJ₁₃₇, 3, 1, 0; 1998 SH₁₃₈, 3, 1, 0; 1998 SZ₁₃₈, 3, 1, 0; 1998 SX₁₄₀, 3, 1, 0; 1998 SA₁₄₁, 3, 1, 0; 1998 SA₁₄₁, 3, 1, 0; 1998 SA₁₄₁, 6, 2, 22; 1998 SG₁₄₂, 3, 1, 0; 1998 SH₁₄₃, 3, 1, 0; 1998 SR₁₄₄, 3, 1, 0; 1998 SX₁₄₄, 3, 1, 0; 1998 SB₁₄₅, 3, 1, 0; 1998 SK₁₄₅, 3, 1, 0; 1998 SU₁₄₇, 3, 1, 0; 1998 SG₁₅₀, 3, 1, 0; 1998 SG₁₅₂, 3, 1, 0; 1998 SQ₁₅₄, 6, 2, 865; 1998 SC₁₅₅, 3, 1, 0; 1998 SS₁₅₆, 3, 1, 0; 1998 SS₁₆₂, 3, 1, 0; 1998 SU₁₆₂, 3, 1, 0; 1998 SA₁₆₃, 3, 1, 0; 1998 SR₁₆₃, 3, 1, 0; 1998 SC₁₆₄, 2, 1, 0; 1998 TD, 3, 1, 0; 1998 TG, 6, 2, 32; 1998 TY₂, 3, 1, 0; 1998 TO₆, 3, 1, 0; 1998 TQ₆, 3, 1, 0; 1998 TL₇, 3, 1, 0; 1998 TX₇, 6, 2, 1965; 1998 TV₁₂, 3, 1, 0; 1998 TV₁₃, 6, 2, 1899; 1998 TP₁₄, 3, 1, 0; 1998 TH₁₆, 3, 1, 0; 1998 TE₂₇, 6, 2, 948; 1998 TN₃₁, 3, 1, 0; 1998 TM₃₂, 3, 1, 0; 1998 TA₃₃, 3, 1, 0; 1998 TL₃₄, 3, 1, 0; 1998 TY₃₄, 3, 1, 0; 1998 UY₂, 6, 2, 34; 1998 UM₃, 3, 1, 0; 1998 UG₆, 3, 1, 0; 1998 UT₆, 3, 1, 0; 1998 UC₇, 5, 2, 387; 1998 UG₇, 3, 1, 0; 1998 UL₇, 3, 1, 0; 1998 UB₉, 3, 1, 0; 1998 UH₁₃, 5, 2, 34; 1998 UA₁₅, 3, 1, 0; 1998 UC₁₅, 3, 1, 0; 1998 UN₁₅, 6, 1, 0; 1998 UV₁₅, 3, 1, 0; 1998 UH₁₆, 6, 2, 451; 1998 UK₁₆, 3, 1, 0; 1998 UO₁₆, 6, 2, 507; 1998 UG₁₇, 3, 1, 0; 1998 UT₁₇, 3, 1, 0; 1998 UF₁₉, 3, 1, 0; 1998 UX₁₉, 3, 1, 0; 1998 US₂₀, 6, 2, 443; 1998 UU₂₀, 3, 1, 0; 1998 UP₂₁, 3, 1, 0; 1998 UT₂₁, 3, 1, 0; 1998 UP₂₄, 3, 1, 0; 1998 UT₂₉, 3, 1, 0; 1998 UD₃₈, 3, 1, 0; 1998 UG₄₀, 3, 1, 0; 1998 UF₄₂, 3, 1, 0; 1998 VU₃, 1, 0; 1998 VU₃, 9, 3, 58; 1998 VK₄, 6, 2, 821; 1998 VW₁₀, 2, 1, 0; 1998 VL₁₄, 3, 1, 0; 1998 VB₁₅, 3, 1, 0; 1998 VV₁₅, 3, 1, 0; 1998 VB₂₀, 3, 1, 0; 1998 VS₂₀, 3, 1, 0; 1998 VQ₂₅, 3, 1, 0; 1998 VP₂₉, 3, 1, 0; 1998 VN₃₂, 3, 1, 0; 1998 VM₃₃, 3, 1, 0; 1998 VP₃₄, 6, 2, 971; 1998 VS₃₄, 3, 1, 0; 1998 VD₄₃, 3, 1, 0; 1998 VC₄₄, 3, 1, 0; 1998 WE, 3, 1, 0; 1998 WR, 3, 1, 0; 1998 WU₁, 3, 1, 0; 1998 WM₃, 3, 1, 0; 1998 WH₈, 6, 2, 1478; 1998 WO₉, 6, 2, 23; 1998 WA₁₀, 6, 2, 1471; 1998 WM₁₀, 9, 3, 57; 1998 WV₁₀, 3, 1, 0; 1998 WY₁₀, 3, 1, 0; 1998 WF₁₁, 3, 1, 0; 1998 WH₁₂, 3, 1, 0; 1998 WY₁₃, 3, 1, 0; 1998 WR₁₅, 3, 1, 0; 1998 WE₁₆, 3, 1, 0; 1998 WO₁₆, 6, 2, 34; 1998 WZ₁₆, 6, 2, 19; 1998 WP₁₈, 3, 1, 0; 1998 WY₁₈, 6, 2, 441; 1998 WB₂₂, 9, 3, 1349; 1998 WP₂₂, 3, 1, 0; 1998 WU₂₂, 3, 1, 0; 1998 WG₂₃, 3, 1, 0; 1998 WH₂₃, 3, 1, 0; 1998 WZ₂₆, 3, 1, 0; 1998 WW₃₆, 3, 1, 0; 1998 XJ, 3, 1, 0; 1998 XH₁, 3, 1, 0; 1998 XU₂, 3, 1, 0; 1998 XS₃, 3, 1, 0; 1998 XR₄, 6, 2, 14; 1998 XW₆, 3, 1, 0; 1998 XK₉, 3, 1, 0; 1998 XE₁₂, 3, 1, 0; 1998 XW₁₃, 3, 1, 0; 1998 XV₁₅, 3, 1, 0; 1998 XJ₁₆, 6, 2, 44; 1998 XF₂₃, 3, 1, 0; 1998 XY₂₄, 3, 1, 0; 1998 XS₃₃, 3, 1, 0; 1998 XK₇₄, 3, 1, 0; 1998 XS₇₆, 3, 1, 0; 1998 XF₇₇, 6, 2, 1451; 1998 XU₇₇, 3, 1, 0; 1998 XW₈₂, 3, 1, 0; 1998 XC₉₂, 3, 1, 0; 1998 XU₉₃, 3, 1, 0; 1998 XY₉₃, 3, 1, 0; 1998 XW₉₆, 3, 1, 0; 1998 YH₁, 3, 1, 0; 1998 YL₃, 3, 1, 0; 1998 YN₃, 6, 2, 1407; 1998 YU₃, 3, 1, 0; 1998 YH₄, 6, 2, 2075; 1998 YP₅, 3, 1, 0; 1998 YP₆, 3, 1, 0; 1998 YB₉, 3, 1, 0; 1998 YF₉, 6, 2, 1726; 1998 YM₁₂, 6, 2, 442; 1998 YD₁₄, 3, 1, 0; 1998 AQ, 3, 1, 0; 1998 AL₁, 3, 1, 0; 1998 AX₃, 3, 1, 0; 1998 AR₅, 3, 1, 0; 1998 AE₇, 8, 3, 1009; 1998 AW₇, 3, 1, 0; 1998 AH₁₃, 3, 1, 0; 1998 AH₂₁, 6, 2, 12; 1998 AL₃₁, 3, 1, 0; 1998 AM₂₁, 3, 1, 0; 1998 AU₃₂, 3, 1, 0; 1998 AN₃₄, 3, 1, 0; 1998 BM₁, 3, 1, 0; 1998 BD₄, 3, 1, 0; 1998 BN₅, 3, 1, 0; 1998 BS₅, 3, 1, 0; 1998 BZ₅, 9, 3, 1921; 1998 BW₇, 3, 1, 0; 1998 BQ₂₈, 3, 1, 0; 1998 CE₄, 3, 1, 0; 1998 CV₁₇, 3, 1, 0; 1998 CV₂₀, 6, 2, 1502; 1998 CD₂₉, 3, 1, 0; 1998 CR₃₃, 3, 1, 0; 1998 CF₅₁, 3, 1, 0; 1998 CZ₅₆, 6, 2, 1081; 1998 CV₅₇, 6, 2, 28; 1998 CE₇₂, 3, 1, 0; 1998 CA₇₃, 6, 2, 16; 1998 CG₇₉, 3, 1, 0; 1998 CU₉₂, 3, 1, 0; 1998 CQ₉₃, 2, 1, 0; 1998 CR₉₉, 6, 2, 6; 1998 CZ₁₁₅, 3, 1, 0; 1998 CM₁₃₈, 3, 1, 0; 1998 CM₁₄₁, 6, 2, 26; 1998 EP₁, 6, 2, 490; 1998 EV₄, 3, 1, 0; 1998 FG₂, 3, 1, 0; 1998 FF₇, 3, 1, 0; 1998 FZ₁₀, 3, 1, 0; 1998 FL₁₁, 3, 1, 0; 1998 FQ₁₂, 3, 1, 0; 1998 FU₂₄, 3, 1, 0; 1998 FT₃₃, 2, 1, 0; 1998 FG₃₆, 3, 1, 0; 1998 FG₄₈, 6, 2, 13; 1998 FZ₅₁, 3, 1, 0; 1998 GG₂, 6, 2, 554; 1998 GN₆, 6, 2, 1821; 1998 GN₇, 3, 1, 0; 1998 GV₁₀, 9, 3, 2204; 1998 GU₁₈, 3, 1, 0; 1998 GK₃₂, 3, 1, 0; 1998 GC₃₄, 3, 1, 0; 1998 GF₃₄, 3, 1, 0; 1998 HC₂, 3, 1, 0; 1998 HT₁₀, 6, 2, 433; 1998 JU₁, 3, 1, 0; 1998 JN₁₅, 3, 1, 0; 1998 JW₁₅, 3, 1, 0; 1998 JQ₂₉, 3, 1, 0; 1998 JD₃₅, 3, 1, 0; 1998 JO₄₁, 3, 1, 0; 1998 JD₄₆, 6, 2, 1410; 1998 JL₅₃, 3, 1, 0; 1998 JZ₅₅, 6, 2, 850; 1998 JY₅₆, 3, 1, 0; 1998 JS₅₉, 3, 1, 0; 1998 JX₆₇, 3, 1, 0; 1998 JM₇₀, 3, 1, 0; 1998 JC₇₄, 3, 1, 0; 1998 JK₇₇, 3, 1, 0; 1998 JW₇₈, 3, 1, 0; 1998 JY₈₁, 3, 1, 0; 1998 JW₈₄, 3, 1, 0; 1998 JK₈₈, 3, 1, 0; 1998 JB₉₅, 3, 1, 0; 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1, 0; 1999 NX₁₄, 3, 1, 0; 1999 NH₁₈, 3, 1, 0; 1999 NO₁₈, 3, 1, 0; 1999 NU₁₈, 3, 1, 0; 1999 NV₁₈, 3, 1, 0; 1999 NX₂₄, 3, 1, 0; 1999 NN₂₆, 3, 1, 0; 1999 NS₂₆, 3, 1, 0; 1999 NC₃₆, 3, 1, 0; 1999 NU₄₈, 3, 1, 0; 1999 NX₄₉, 6, 2, 23; 1999 NW₅₁, 3, 1, 0; 1999 NV₆₄, 3, 1, 0; 1999 ON, 3, 1, 0; 1999 OD₁, 3, 1, 0; 1999 OX₁, 3, 1, 0; 1999 PF, 3, 1, 0; 1999 PW, 3, 1, 0; 1999 PB, 3, 1, 0; 1999 PM, 3, 1, 0; 1999 PH₄, 3, 1, 0; 1999 QP, 6, 2, 25; 1999 QB₂, 3, 1, 0; 1999 RR, 3, 1, 0; 1999 RU, 9, 3, 1015; 1999 RM₁, 3, 1, 0; 1999 RU₁, 3, 1, 0; 1999 RZ₁, 6, 2, 5; 1999 RS₂, 2, 1, 0; 1999 RF₃, 3, 1, 0; 1999 RH₃, 5, 2, 2515; 1999 RE₉, 2, 1, 0; 1999 RK₁₀, 9, 3, 3061; 1999 RE₁₁, 3, 1, 0; 1999 RU₁₂, 6, 2, 19; 1999 RA₁₄, 3, 1, 0; 1999 RQ₁₄, 6, 2, 1; 1999 RY₁₅, 6, 2, 75; 1999 RQ₁₇, 3, 1, 0; 1999 RC₁₈, 3, 1, 0; 1999 RJ₁₈, 3, 1, 0; 1999 RL₂₁, 12, 4, 8; 1999 RL₂₂, 3, 1, 0; 1999 RG₂₃, 3, 1, 0; 1999 RX₂₆, 3, 1, 0; 1999 RP₂₇, 9, 3, 6; 1999 RQ₃₂, 3, 1, 0; 1999 RS₃₂, 3, 1, 0; 1999 RA₃₃, 3, 1, 0; 1999 RE₃₃, 3, 1, 0; 1999 RX₃₄, 6, 2, 2126; 1999 RS₃₆, 3, 1, 0; 1999 RV₄₁, 3, 1, 0; 1999 RF₄₂, 6, 2, 32; 1999 RS₄₃, 3, 1, 0; 1999 RW₄₃, 3, 1, 0; 1999 RE₄₄, 3, 1, 0; 1999 RF₄₄, 3, 1, 0; 1999 RN₄₄, 3, 1, 0; 1999 RR₄₄, 3, 1, 0; 1999 RV₄₄, 3, 1, 0; 1999 RB₄₅, 6, 2, 2504; 1999 RW₄₅, 6, 2, 1425; 1999 RV₄₇, 3, 1, 0; 1999 RF₅₀, 3, 1, 0; 1999 RR₅₀, 9, 3, 1022; 1999 RA₅₂, 3, 1, 0; 1999 RH₅₂, 3, 1, 0; 1999 RZ₅₂, 9, 3, 28; 1999 RF₅₃, 3, 1, 0; 1999 RM₅₄, 3, 1, 0; 1999 RM₅₆, 9, 3, 2766; 1999 RB₅₉, 3, 1, 0; 1999 RF₅₉, 3, 1, 0; 1999 RV₆₆, 6, 2, 1386; 1999 RS₆₉, 3, 1, 0; 1999 RM₇₀, 5, 2, 24; 1999 RA₇₁, 3, 1, 0; 1999 RH₇₁, 6, 2, 1516; 1999 RR₇₁, 2, 1, 0; 1999 RG₇₂, 3, 1, 0; 1999 RN₇₄, 3, 1, 0; 1999 RY₇₅, 6, 2, 11; 1999 RS₈₁, 3, 1, 0; 1999 RA₈₂, 6, 2, 2; 1999 RJ₈₃, 3, 1, 0; 1999 RV₈₃, 6, 2, 6; 1999 RC₈₄, 3, 1, 0; 1999 RJ₈₅, 6, 2, 2566; 1999 RB₈₆, 3, 1, 0; 1999 RQ₈₆, 3, 1, 0; 1999 RT₈₇, 3, 1, 0; 1999 RG₈₈, 3, 1, 0; 1999 RS₈₈, 3, 1, 0; 1999 RZ₈₈, 3, 1, 0; 1999 RR₈₉, 3, 1, 0; 1999 RE₉₁, 3, 1, 0; 1999 RF₉₁, 6, 2, 18; 1999 RK₉₃, 3, 1, 0; 1999 RQ₉₄, 3, 1, 0; 1999 RY₉₄, 3, 1, 0; 1999 RO₉₆, 3, 1, 0; 1999 RU₉₆, 3, 1, 0; 1999 RD₉₇, 12, 4, 7; 1999 RR₉₇, 3, 1, 0; 1999 RB₉₈, 3, 1, 0; 1999 RK₉₈, 3, 1, 0; 1999 RQ₁₀₁, 3, 1, 0; 1999 RN₁₀₅, 3, 1, 0; 1999 RV₁₀₆, 3, 1, 0; 1999 RC₁₀₇, 3, 1, 0; 1999 RF₁₀₇, 3, 1, 0; 1999 RZ₁₀₇, 3, 1, 0; 1999 RR₁₀₉, 6, 2, 1421; 1999 RV₁₀₉, 3, 1, 0; 1999 RW₁₀₉, 3, 1, 0; 1999 RG₁₁₀, 3, 1, 0; 1999 RY₁₁₀, 3, 1, 0; 1999 RJ₁₂₀, 3, 1, 0; 1999 RA₁₂₄, 3, 1, 0; 1999 RL₁₂₄, 3, 1, 0; 1999 RQ₁₂₄, 3, 1, 0; 1999 RP₁₂₅, 6, 2, 19; 1999 RJ₁₂₉, 6, 2, 1536; 1999 RJ₁₃₅, 3, 1, 0; 1999 RG₁₃₆, 3, 1, 0; 1999 RA₁₃₈, 3, 1, 0; 1999 RD₁₃₈, 6, 2, 459; 1999 RS₁₃₈, 6, 2, 17; 1999 RB₁₃₉, 9, 3, 2959; 1999 RE₁₃₉, 3, 1, 0; 1999 RQ₁₃₉, 3, 1, 0; 1999 RJ₁₄₀, 3, 1, 0; 1999 RL₁₄₀, 6, 2, 22; 1999 RE₁₄₁, 9, 3, 42; 1999 RM₁₄₂, 9, 1, 0; 1999 RU₁₄₂, 3, 1, 0; 1999 RQ₁₄₃, 3, 1, 0; 1999 RV₁₄₃, 3, 1, 0; 1999 RF₁₄₅, 3, 1, 0; 1999 RC₁₄₉, 3, 1, 0; 1999 RY₁₄₉, 3, 1, 0; 1999 RQ₁₅₁, 3, 1, 0; 1999 RQ₁₅₈, 3, 1, 0; 1999 RW₁₆₀, 3, 1, 0; 1999 RB₁₆₁, 6, 2, 32; 1999 RR₁₆₂, 3, 1, 0; 1999 RC₁₆₄, 3, 1, 0; 1999 RT₁₆₄, 3, 1, 0; 1999 RN₁₆₅, 3, 1, 0; 1999 RF₁₆₆, 3, 1, 0; 1999 RJ₁₆₆, 3, 1, 0; 1999 RY₁₆₇, 3, 1, 0; 1999 RE₁₆₈, 3, 1, 0; 1999 RZ₁₆₈, 3, 1, 0; 1999 RJ₁₇₀, 6, 2, 6; 1999 RX₁₇₀, 3, 1, 0; 1999 RQ₁₇₃, 3, 1, 0; 1999 RS₁₇₄, 3, 1, 0; 1999 RL₁₇₅, 3, 1, 0; 1999 RS₁₇₅, 12, 4, 17; 1999 RF₁₇₆, 3, 1, 0; 1999 RM₁₇₆, 6, 2, 19; 1999 RQ₁₈₁, 9, 3, 2; 1999 RD₁₈₃, 6, 2, 3; 1999 RX₁₈₇, 3, 1, 0; 1999 RQ₁₉₀, 3, 1, 0; 1999 RM₁₉₄, 6, 2, 2589; 1999 RN₁₉₆, 3, 1, 0; 1999 RX₁₉₆, 6, 2, 3; 1999 RN₂₀₁, 6, 2, 3; 1999 RQ₂₀₂, 6, 2, 32; 1999 RA₂₀₆, 6, 2, 52; 1999 RO₂₀₉, 3, 1, 0; 1999 RJ₂₁₀, 3, 1, 0; 1999 RJ₂₁₁, 3, 1, 0; 1999 RS₂₁₁, 3, 1, 0; 1999 RJ₂₁₂, 3, 1, 0; 1999 RQ₂₁₂, 6, 2, 5; 1999 RE₂₁₄, 3, 1, 0; 1999 RL₂₁₄, 3, 1, 0; 1999 RQ₂₁₆, 3, 1, 0; 1999 RX₂₁₆, 3, 1, 0; 1999 RH₂₁₈, 6, 2, 2003; 1999 RX₂₁₈, 6, 2, 7; 1999 RT₂₁₉, 6, 2, 2103; 1999 RG₂₂₁, 3, 1, 0; 1999 RB₂₂₁, 6, 2, 26; 1999 RR₂₂₅, 3, 1, 0; 1999 RM₂₂₆, 3, 1, 0; 1999 RZ₂₃₁, 3, 1, 0; 1999 RF₂₃₅, 3, 1, 0; 1999 RP₂₃₇, 3, 1, 0; 1999 RQ₂₃₇, 3, 1, 0; 1999 RY₂₃₈, 6, 2,

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2000 YZ₅₀, 3, 1, 0; 2000 YB₅₄, 3, 1, 0; 2000 YN₅₄, 3, 1, 0; 2000 YQ₅₄, 3, 1, 0; 2000 YV₅₄, 3, 1, 0; 2000 YX₅₄, 3, 1, 0; 2000 YG₅₅, 3, 1, 0; 2000 YL₅₉, 3, 1, 0; 2000 YM₅₉, 3, 1, 0; 2000 YD₆₀, 3, 1, 0; 2000 YJ₆₀, 3, 1, 0; 2000 YF₆₀, 6, 2, 3; 2000 YG₆₁, 3, 1, 0; 2000 YS₆₁, 3, 1, 0; 2000 YE₆₂, 3, 1, 0; 2000 YN₆₂, 3, 1, 0; 2000 YR₆₂, 3, 1, 0; 2000 YU₆₂, 3, 1, 0; 2000 YV₆₂, 3, 1, 0; 2000 YG₆₂, 6, 2, 1944; 2000 YK₆₃, 3, 1, 0; 2000 YT₆₃, 3, 1, 0; 2000 YM₆₄, 3, 1, 0; 2000 YZ₆₄, 6, 2, 1435; 2000 YJ₆₆, 3, 1, 0; 2000 YG₆₈, 9, 3, 9; 2000 YO₆₈, 3, 1, 0; 2000 YP₆₈, 9, 3, 2536; 2000 YT₆₈, 6, 2, 9; 2000 YV₆₈, 3, 1, 0; 2000 YX₇₈, 6, 2, 2884; 2000 YC₈₃, 3, 1, 0; 2000 YS₈₅, 3, 1, 0; 2000 YM₈₇, 3, 1, 0; 2000 YM₉₀, 3, 1, 0; 2000 YN₉₂, 3, 1, 0; 2000 YR₉₂, 3, 1, 0; 2000 YS₉₂, 12, 4, 3426; 2000 YB₉₃, 3, 1, 0; 2000 YR₉₅, 3, 1, 0; 2000 YO₉₆, 6, 2, 2447; 2000 YQ₉₆, 6, 2, 416; 2000 YY₉₆, 3, 1, 0; 2000 YJ₉₇, 3, 1, 0; 2000 YL₉₇, 9, 3, 2265; 2000 YQ₉₇, 3, 1, 0; 2000 YM₉₈, 3, 1, 0; 2000 YQ₉₈, 6, 2, 1913; 2000 YT₉₈, 3, 1, 0; 2000 YD₉₉, 6, 2, 31; 2000 YG₉₉, 3, 1, 0; 2000 YJ₉₉, 3, 1, 0; 2000 YM₉₉, 3, 1, 0; 2000 YP₉₉, 3, 1, 0; 2000 YR₉₉, 6, 2, 1067; 2000 YU₉₉, 6, 2, 405; 2000 YX₉₉, 6, 2, 2543; 2000 YB₁₀₀, 3, 1, 0; 2000 YB₁₀₂, 3, 1, 0; 2000 YR₁₀₂, 9, 3, 32; 2000 YU₁₀₄, 2, 1, 0; 2000 YD₁₀₅, 3, 1, 0; 2000 YL₁₀₅, 3, 1, 0; 2000 YV₁₀₅, 3, 1, 0; 2000 YV₁₀₉, 6, 2, 1089; 2000 YW₁₀₉, 3, 1, 0; 2000 YC₁₁₀, 3, 1, 0; 2000 YP₁₁₁, 3, 1, 0; 2000 YS₁₁₂, 3, 1, 0; 2000 YC₁₁₃, 3, 1, 0; 2000 YH₁₁₃, 3, 1, 0; 2000 YR₁₁₃, 6, 2, 4; 2000 YU₁₁₃,

3, 1, 0; 2000 YZ₁₁₃, 3, 1, 0; 2000 YT₁₁₄, 3, 1, 0; 2000 YC₁₁₅, 3, 1, 0; 2000 YE₁₁₅, 6, 2, 478; 2000 YH₁₁₅, 3, 1, 0; 2000 YK₁₁₅, 3, 1, 0; 2000 YW₁₁₅, 3, 1, 0; 2000 YB₁₁₆, 3, 1, 0; 2000 YK₁₁₆, 3, 1, 0; 2000 YV₁₁₆, 6, 2, 489; 2000 YE₁₁₇, 3, 1, 0; 2000 YM₁₁₇, 3, 1, 0; 2000 YU₁₁₇, 3, 1, 0; 2000 YC₁₁₈, 3, 1, 0; 2000 YD₁₁₈, 3, 1, 0; 2000 YO₁₁₈, 3, 1, 0; 2000 YG₁₂₀, 3, 1, 0; 2000 YO₁₂₀, 3, 1, 0; 2000 YT₁₂₃, 3, 1, 0; 2000 YV₁₂₃, 3, 1, 0; 2000 YW₁₂₆, 3, 1, 0; 2000 YM₁₂₇, 3, 1, 0; 2000 YR₁₂₇, 3, 1, 0; 2000 YN₁₂₈, 3, 1, 0; 2000 YU₁₂₈, 3, 1, 0; 2000 YF₁₃₁, 3, 1, 0; 2000 YO₁₃₁, 3, 1, 0; 2000 YT₁₃₁, 3, 1, 0; 2000 YU₁₃₁, 6, 2, 1826; 2000 YW₁₃₂, 3, 1, 0; 2000 YD₁₃₃, 3, 1, 0; 2000 YE₁₃₄, 3, 1, 0; 2000 YM₁₃₄, 3, 1, 0; 2000 YS₁₃₅, 3, 1, 0; 2000 YM₁₃₆, 3, 1, 0; 2000 YG₁₃₈, 3, 1, 0; 2000 YK₁₃₈, 3, 1, 0; 2000 YZ₁₃₈, 3, 1, 0; 2000 YU₁₃₉, 3, 1, 0; 2000 YF₁₄₀, 3, 1, 0; 2001 AD, 3, 1, 0; 2001 AW, 3, 1, 0; 2001 AL₃, 6, 2, 435; 2001 AP₃, 3, 1, 0; 2001 AM₄, 6, 2, 3; 2001 AP₄, 6, 2, 3; 2001 AS₄, 3, 1, 0; 2001 AC₅, 3, 1, 0; 2001 AG₅, 3, 1, 0; 2001 AK₆, 3, 1, 0; 2001 AB₇, 3, 1, 0; 2001 AJ₉, 3, 1, 0; 2001 AM₁₀, 3, 1, 0; 2001 AV₁₀, 2, 1, 0; 2001 AQ₁₁, 3, 1, 0; 2001 AS₁₁, 3, 1, 0; 2001 AT₁₁, 3, 1, 0; 2001 AD₁₂, 9, 3, 1472; 2001 AE₁₃, 6, 2, 2447; 2001 AP₁₃, 3, 1, 0; 2001 AB₁₄, 5, 2, 1918; 2001 AL₁₅, 3, 1, 0; 2001 AD₁₆, 3, 1, 0; 2001 AD₁₇, 3, 1, 0; 2001 AV₁₇, 6, 2, 17; 2001 AE₁₈, 2, 1, 0; 2001 AG₁₈, 3, 1, 0; 2001 AB₁₉, 3, 1, 0; 2001 AJ₁₉, 5, 2, 1095; 2001 AF₂₁, 3, 1, 0; 2001 AS₂₁, 3, 1, 0; 2001 AQ₂₂, 3, 1, 0; 2001 AN₂₃, 6, 2, 1502; 2001 AO₂₃, 3, 1, 0; 2001 AF₂₄, 3, 1, 0; 2001 AD₂₅, 6, 2, 1293; 2001 AZ₂₉, 3, 1, 0; 2001 AX₃₃, 6, 2, 20; 2001 AX₃₄, 3, 1, 0; 2001 AS₃₅, 6, 2, 1858; 2001 AN₃₇, 3, 1, 0; 2001 AN₄₀, 3, 1, 0; 2001 AW₄₀, 3, 1, 0; 2001 AJ₄₁, 6, 2, 28; 2001 AM₄₁, 6, 2, 3; 2001 AX₄₁, 6, 2, 28; 2001 AK₄₂, 3, 1, 0; 2001 AQ₄₃, 6, 2, 1047; 2001 AW₄₃, 3, 1, 0; 2001 AX₄₃, 3, 1, 0; 2001 AO₄₄, 3, 1, 0; 2001 AS₄₄, 3, 1, 0; 2001 AU₄₄, 3, 1, 0; 2001 AW₄₄, 3, 1, 0; 2001 AD₄₅, 6, 2, 539; 2001 AG₄₅, 3, 1, 0; 2001 AF₄₈, 3, 1, 0; 2001 AB₄₉, 3, 1, 0; 2001 AJ₅₀, 3, 1, 0; 2001 AM₅₀, 3, 1, 0; 2001 AX₅₀, 3, 1, 0; 2001 AE₅₁, 6, 2, 53; 2001 AO₅₁, 3, 1, 0; 2001 AT₅₁, 3, 1, 0; 2001 BY₆, 2, 8; 2001 BZ₃, 1, 0; 2001 BA₁, 3, 1, 0; 2001 BB₁, 6, 2, 1; 2001 BV₁, 3, 1, 0; 2001 BO₄, 3, 1, 0; 2001 BF₇, 6, 2, 5; 2001 BZ₇, 6, 2, 1508; 2001 BE₈, 3, 1, 0; 2001 BQ₈, 3, 1, 0; 2001 BT₈, 3, 1, 0; 2001 BX₈, 3, 1, 0; 2001 BO₉, 6, 2, 13; 2001 BW₉, 3, 1, 0; 2001 BZ₁₀, 6, 2, 57; 2001 BF₁₁, 7, 3, 27; 2001 BN₁₁, 3, 1, 0; 2001 BF₁₃, 3, 1, 0; 2001 BV₁₃, 3, 1, 0; 2001 BN₁₄, 9, 3, 58; 2001 BO₁₄, 12, 4, 9; 2001 BQ₁₄, 6, 2, 1; 2001 BR₁₄, 3, 1, 0; 2001 BU₁₄, 6, 2, 6; 2001 BX₁₄, 3, 1, 0; 2001 BY₁₄, 3, 1, 0; 2001 BD₁₅, 3, 1, 0; 2001 BE₁₅, 3, 1, 0; 2001 BH₁₅, 3, 1, 0; 2001 BL₁₅, 3, 1, 0; 2001 BN₁₅, 3, 1, 0; 2001 BO₁₅, 2, 1, 0; 2001 BP₁₅, 9, 3, 10; 2001 BR₁₅, 3, 1, 0; 2001 BT₁₅, 3, 1, 0; 2001 BQ₁₈, 6, 2, 2593; 2001 BU₁₉, 3, 1, 0; 2001 BZ₁₉, 3, 1, 0; 2001 BE₂₀, 6, 1, 0; 2001 BT₂₀, 3, 1, 0; 2001 BW₂₀, 3, 1, 0; 2001 BX₂₀, 5, 2, 2987; 2001 BE₂₁, 3, 1, 0; 2001 BN₂₁, 3, 1, 0; 2001 BT₂₂, 3, 1, 0; 2001 BF₂₃, 3, 1, 0; 2001 BM₂₃, 3, 1, 0; 2001 BB₂₄, 6, 2, 52; 2001 BE₂₄, 3, 1, 0; 2001 BF₂₄, 3, 1, 0; 2001 BL₂₄, 3, 1, 0; 2001 BS₂₄, 9, 3, 51; 2001 BW₂₄, 3, 1, 0; 2001 BF₂₅, 6, 2, 2032; 2001 BM₂₅, 3, 1, 0; 2001 BG₂₆, 3, 1, 0; 2001 BL₂₆, 11, 4, 28; 2001 BM₂₆, 9, 3, 856; 2001 BQ₂₆, 3, 1, 0; 2001 BR₂₆, 8, 3, 1541; 2001 BU₂₆, 3, 1, 0; 2001 BT₂₇, 3, 1, 0; 2001 BZ₂₇, 3, 1, 0; 2001 BF₂₈, 3, 1, 0; 2001 BY₂₈, 3, 1, 0; 2001 BA₂₉, 11, 5, 1268; 2001 BF₂₉, 6, 2, 25; 2001 BW₂₉, 3, 1, 0; 2001 BA₃₀, 3, 1, 0; 2001 BK₃₀, 3, 1, 0; 2001 BY₃₀, 3, 1, 0; 2001 BA₃₁, 3, 1, 0; 2001 BD₃₁, 9, 3, 973; 2001 BE₃₁, 6, 2, 1005; 2001 BF₃₁, 6, 2, 14; 2001 BH₃₁, 3, 1, 0; 2001 BM₃₁, 6, 2, 18; 2001 BV₃₁, 3, 1, 0; 2001 BB₃₂, 6, 2, 9; 2001 BC₃₂, 3, 1, 0; 2001 BE₃₂, 3, 1, 0; 2001 BK₃₂, 3, 1, 0; 2001 BS₃₂, 3, 1, 0; 2001 BW₃₂, 6, 2, 985; 2001 BM₃₃, 6, 2, 495; 2001 BV₃₃, 3, 1, 0; 2001 BW₃₃, 2, 1, 0; 2001 BZ₃₃, 6, 2, 6; 2001 BF₃₄, 3, 1, 0; 2001 BS₃₄, 3, 1, 0; 2001 BW₃₄, 3, 1, 0; 2001 BM₃

2001 BY₇₆, 3, 1, 0; 2001 BA₇₇, 3, 1, 0; 2001 BC₇₇, 9, 3, 2970; 2001 BR₇₇ *, 3, 1, 0; 2001 BS₇₇ *, 3, 1, 0; 2001 BV₇₇ *, 3, 1, 0; 2001 BW₇₇ *, 3, 1, 0; 2001 BX₇₇ *, 3, 1, 0; 2001 BF₇₈ *, 3, 1, 0; 2001 BG₇₈ *, 3, 1, 0; 2001 BH₇₈ *, 3, 1, 0; 2001 BQ₇₈ *, 3, 1, 0; 2001 BR₇₈ *, 6, 2, 2; 2001 BS₇₈ *, 6, 2, 2; 2001 BU₇₈ *, 9, 2, 4; 2001 BV₇₈, 3, 1, 0; 2001 BW₇₈, 3, 1, 0; 2001 BB₇₉, 3, 1, 0; 2001 BD₇₉, 3, 1, 0; 2001 BE₇₉, 3, 1, 0; 2001 BG₇₉ *, 6, 2, 2; 2001 BH₇₉, 6, 2, 21; 2001 BJ₇₉, 3, 1, 0; 2001 BK₇₉, 3, 1, 0; 2001 BL₇₉, 3, 1, 0; 2001 BM₇₉, 3, 1, 0; 2001 BN₇₉, 6, 2, 35; 2001 BO₇₉, 6, 2, 18; 2001 BP₇₉, 3, 1, 0; 2001 BQ₇₉, 3, 1, 0; 2001 BR₇₉, 3, 1, 0; 2001 BT₇₉, 3, 1, 0; 2001 BU₇₉, 6, 2, 18; 2001 BV₇₉, 3, 1, 0; 2001 BX₇₉, 3, 1, 0; 2001 BY₇₉, 3, 1, 0; 2001 BZ₇₉, 9, 3, 34; 2001 BA₈₀, 3, 1, 0; 2001 BC₈₀, 3, 1, 0; 2001 BD₈₀, 3, 1, 0; 2001 BH₈₀, 3, 1, 0; 2001 BW₈₀ *, 6, 2, 6; 2001 BX₈₀ *, 6, 2, 6; 2001 BY₈₀ *, 6, 2, 6; 2001 BZ₈₀, 3, 1, 0; 2001 BA₈₁ *, 6, 2, 4; 2001 BC₈₁ *, 3, 1, 0; 2001 BJ₈₁ *, 6, 2, 4; 2001 CA, 3, 1, 0; 2001 CC, 9, 3, 10; 2001 CH, 3, 1, 0; 2001 CO, 3, 1, 0; 2001 CV, 3, 1, 0; 2001 CX, 12, 4, 3437; 2001 CY, 3, 1, 0; 2001 CD₁, 3, 1, 0; 2001 CR₁, 3, 1, 0; 2001 CS₁, 3, 1, 0; 2001 CN₂, 3, 1, 0; 2001 CO₂, 12, 4, 3394; 2001 CB₃, 3, 1, 0; 2001 CF₃, 3, 1, 0; 2001 CG₃, 3, 1, 0; 2001 CN₃, 6, 2, 1440; 2001 CJ₄, 3, 1, 0; 2001 CA₅, 3, 1, 0; 2001 CC₅, 6, 2, 12; 2001 CN₅, 3, 1, 0; 2001 CP₅, 3, 1, 0; 2001 CS₅, 6, 2, 2275; 2001 CT₅, 3, 1, 0; 2001 CV₅, 3, 1, 0; 2001 CW₅, 3, 1, 0; 2001 CX₅, 3, 1, 0; 2001 CA₆, 9, 3, 28; 2001 CB₆, 6, 2, 1802; 2001 CD₇, 3, 1, 0; 2001 CM₇, 3, 1, 0; 2001 CU₇, 3, 1, 0; 2001 CA₈, 3, 1, 0; 2001 CD₈, 3, 1, 0; 2001 CG₉, 3, 1, 0; 2001 CX₉, 3, 1, 0; 2001 CG₁₀, 3, 1, 0; 2001 CN₁₀, 3, 1, 0; 2001 CP₁₀, 3, 1, 0; 2001 CW₁₀, 6, 2, 1575; 2001 CX₁₀, 3, 1, 0; 2001 CA₁₁, 3, 1, 0; 2001 CB₁₁, 9, 3, 1475; 2001 CF₁₁, 6, 2, 1028; 2001 CH₁₁, 3, 1, 0; 2001 CL₁₁, 3, 1, 0; 2001 CU₁₁, 3, 1, 0; 2001 CX₁₁, 3, 1, 0; 2001 CE₁₂, 3, 1, 0; 2001 CH₁₂, 3, 1, 0; 2001 CJ₁₂, 3, 1, 0; 2001 CQ₁₂, 3, 1, 0; 2001 CE₁₃, 3, 1, 0; 2001 CG₁₃, 6, 2, 56; 2001 CR₁₃, 3, 1, 0; 2001 CD₁₄, 6, 2, 3149; 2001 CF₁₄, 3, 1, 0; 2001 CP₁₅, 3, 1, 0; 2001 CT₁₅, 3, 1, 0; 2001 CY₁₅, 3, 1, 0; 2001 CF₁₆, 3, 1, 0; 2001 CL₁₆, 3, 1, 0; 2001 CQ₁₆, 6, 2, 20; 2001 CH₁₇, 12, 4, 3399; 2001 CP₁₇, 3, 1, 0; 2001 CH₁₈, 6, 2, 1527; 2001 CM₁₈, 6, 2, 1043; 2001 CT₁₈, 3, 1, 0; 2001 CU₁₈, 3, 1, 0; 2001 CY₁₈, 3, 1, 0; 2001 CE₁₉, 6, 2, 499; 2001 CM₁₉, 9, 3, 887; 2001 CN₁₉, 3, 1, 0; 2001 CT₁₉, 3, 1, 0; 2001 CX₁₉, 12, 4, 22; 2001 CD₂₁, 6, 2, 62; 2001 CG₂₁, 3, 1, 0; 2001 CQ₂₁, 3, 1, 0; 2001 CR₂₁, 3, 1, 0; 2001 CS₂₁, 3, 1, 0; 2001 CT₂₁, 3, 1, 0; 2001 CU₂₁, 3, 1, 0; 2001 CV₂₁, 3, 1, 0; 2001 CY₂₁, 6, 2, 3407; 2001 CB₂₂, 6, 2, 53; 2001 CF₂₂, 3, 1, 0; 2001 CG₂₂, 3, 1, 0; 2001 CJ₂₂, 3, 1, 0; 2001 CL₂₂, 3, 1, 0; 2001 CN₂₂, 3, 1, 0; 2001 CO₂₂, 3, 1, 0; 2001 CP₂₂, 3, 1, 0; 2001 CR₂₂, 3, 1, 0; 2001 CS₂₂, 3, 1, 0; 2001 CT₂₂, 3, 1, 0; 2001 CV₂₂, 3, 1, 0; 2001 CX₂₂, 9, 3, 3431; 2001 CB₂₃, 3, 1, 0; 2001 CD₂₃, 3, 1, 0; 2001 CF₂₃, 3, 1, 0; 2001 CG₂₃, 3, 1, 0; 2001 CK₂₃, 3, 1, 0; 2001 CN₂₃, 6, 2, 34; 2001 CP₂₃, 3, 1, 0; 2001 CN₂₄, 3, 1, 0; 2001 CQ₂₄, 3, 1, 0; 2001 CU₂₄, 3, 1, 0; 2001 CH₂₅, 3, 1, 0; 2001 CL₂₅, 6, 2, 28; 2001 CB₂₆ *, 3, 1, 0; 2001 CC₂₆ *, 3, 1, 0; 2001 CD₂₆ *, 3, 1, 0; 2001 CE₂₆ *, 3, 1, 0; 2001 CQ₂₆ *, 3, 1, 0; 2001 CR₂₆ *, 3, 1, 0; 2001 CS₂₆ *, 9, 3, 26; 2001 CT₂₆ *, 6, 2, 20; 2001 CU₂₆ *, 3, 1, 0; 2001 CD₂₇ *, 6, 2, 17; 2001 CP₂₇, 3, 1, 0; 2001 CX₂₇, 3, 1, 0; 2001 CY₂₇, 6, 2, 15; 2001 CA₃₀, 6, 2, 1518; 2001 CC₃₀, 3, 1, 0; 2001 CD₃₀, 6, 2, 596; 2001 CF₃₀, 3, 1, 0; 2001 CK₃₀, 3, 1, 0; 2001 CX₃₀, 3, 1, 0; 2001 CL₃₁, 3, 1, 0; 2001 CM₃₁, 3, 1, 0; 2001 CN₃₁, 3, 1, 0; 2001 CK₃₅, 6, 2, 20; 2001 CQ₃₅, 3, 1, 0; 2001 CB₃₆, 6, 2, 98; 2001 CC₃₆, 3, 1, 0; 2001 CR₃₆ *, 6, 2, 3; 2001 CS₃₆ *, 9, 3, 8; 2001 CT₃₆ *, 9, 3, 9; 2001 CU₃₆ *, 6, 2, 3; 2001 CV₃₆ *, 9, 3, 10; 2001 CW₃₆ *, 9, 3, 10; 2001 CX₃₆ *, 6, 2, 3; 2001 CD₃₇, 3, 1, 0; 2001 CE₃₇, 6, 2, 9; 2001 CD₄₀, 6, 2, 19; 2001 CC₄₁, 3, 1, 0; 2001 CR₄₁, 3, 1, 0; 2001 CS₄₁, 3, 1, 0; 2001 CW₄₁ *, 6, 2, 4; 2001 CX₄₁ *, 9, 3, 9; 2001 CH₄₂, 3, 1, 0; 2001 CQ₄₂, 3, 1, 0; 2001 CR₄₂, 3, 1, 0; 2001 CT₄₂, 9, 3, 7; 2001 CU₄₂, 6, 2, 3015; 2001 CV₄₂, 3, 1, 0; 2001 CZ₄₂, 3, 1, 0; 2001 CG₄₄, 9, 3, 26; 2001 DS, 3, 1, 0; 2001 DT, 6, 2, 28; 2001 DU, 3, 1, 0; 2001 DV, 3, 1, 0; 2001 DW, 3, 1, 0; 2001 DX, 3, 1, 0; 2001 DD₁ *, 12, 4, 7; 2001 DE₁ *, 9, 3, 3; 2001 DF₁ *, 12, 4, 11; 2001 DG₁ *, 12, 4, 11; 2001 DH₁ *, 6, 2, 1; 2001 DJ₁ *, 20, 7, 14; 2001 DK₁ *, 21, 7, 14; 2001 DL₁ *, 6, 2, 1; 2001 DM₁ *, 6, 2, 1; 2001 DN₁ *, 9, 3, 6; 2001 DO₁ *, 6, 2, 1; 2001 DP₁ *, 9, 3, 6; 2001 DQ₁ *, 9, 3, 6; 2001 DR₁ *, 9, 3, 6; 2001 DS₁ *, 6, 2, 1; 2001 DT₁ *, 9, 3, 6; 2001 DU₁ *, 6, 2, 1; 2001 DV₁ *, 12, 4, 502; 2001 DW₁ *, 9, 3, 6; 2001 DX₁ *, 9, 3, 5; 2001 DY₁ *, 9, 3, 6; 2001 DZ₁ *, 6, 2, 1; 2001 DA₂ *, 9, 3, 11; 2001 DB₂ *, 9, 3, 6; 2001 DC₂ *, 6, 2, 1; 2001 DD₂ *, 9, 3, 6; 2001 DE₂ *, 6, 2, 1; 2001 DF₂ *, 6, 2, 1; 2001 DG₂ *, 9, 3, 6; 2001 DH₂ *, 18, 6, 20; 2001 DJ₂ *, 9, 3, 6; 2001 DK₂ *, 12, 4, 6; 2001 DL₂ *, 9, 3, 7; 2001 DM₂ *, 9, 3, 6; 2001 DN₂ *, 9, 3, 6; 2001 DO₂ *, 6, 2, 1; 2001 DP₂ *, 12, 4, 11; 2001 DQ₂ *, 9, 3, 6; 2001 DR₂ *, 12, 4, 11; 2001 DS₂, 6, 2, 28; 2001 DP₃, 3, 1, 0; 2001 DY₃, 6, 2, 13; 2001 DL₆, 3, 1, 0; 2001 DN₆, 3, 1, 0; 2001 DR₆, 3, 1, 0; 2001 DA₇, 3, 1, 0; 2001 DY₇, 9, 3, 933; 2001 DZ₇ *, 12, 4, 25; 2001 DA₈ *, 6, 2, 3; 2001 DB₈ *, 9, 3, 7; 2001 DC₈ *, 9, 3, 7; 2001 DD₈ *, 12, 3, 7; 2001 DE₈ *, 9, 3, 7; 2001 DF₈ *, 15, 5, 13; 2001 DG₈ *, 6, 2, 2; 2001 DH₈ *, 9, 3, 5; 2001 DR₈ *, 15, 5, 11; 2001 DT₈, 3, 1, 0; 2001 DS₉, 3, 1, 0; 2001 DD₁₀, 3, 1, 0; 2001 DH₁₀, 6, 2, 13; 2001 DL₁₀, 3, 1, 0; 2001 DO₁₀, 3, 1, 0; 2001 DQ₁₀, 2, 1, 0; 2001 DT₁₀, 9, 3, 7; 2001 DU₁₀, 3, 1, 0; 2001 DV₁₀, 6, 2, 9; 2001 DW₁₀, 6, 2, 9; 2001 DX₁₀, 6, 2, 1; 2001 DB₁₁, 3, 1, 0; 2001 DC₁₁, 3, 1, 0; 2001 DD₁₁, 3, 1, 0; 2001 DN₁₁, 3, 1, 0; 2001 DS₁₁, 3, 1, 0; 2001 DD₁₂, 3, 1, 0; 2001 DW₁₂ *, 6, 2, 1; 2001 DX₁₂ *, 6, 2, 1; 2001 DY₁₂ *, 6, 2, 1; 2001 DZ₁₂ *, 6, 2, 1; 2001 DA₁₃ *, 6, 2, 1; 2001 DB₁₃ *, 6, 2, 1; 2001 DC₁₃ *, 6, 2, 1; 2001 DK₁₄, 6, 2, 5; 2001 DP₁₄, 3, 1, 0; 2001 DQ₁₄, 3, 1, 0; 2001 DW₁₄, 3, 1, 0; 2001 DO₁₆, 9, 3, 1083; 2001 DH₁₉, 3, 1, 0; 2001 DT₂₁, 3, 1, 0; 2001 DW₂₂, 3, 1, 0; 2001 DH₂₃, 8, 3, 446; 2001 DB₂₄, 3, 1, 0; 2001 DM₂₄, 3, 1, 0; 2001 DO₂₄, 3, 1, 0; 2001 DP₂₄, 6, 2, 29; 2001 DF₂₅, 3, 1, 0; 2001 DQ₂₅, 6, 2, 1946; 2001 DS₂₅, 3, 1, 0; 2001 DW₂₅, 3, 1, 0; 2001 DZ₂₆, 3, 1, 0; 2001 DD₂₇, 3, 1, 0; 2001 DY₂₇, 3, 1, 0; 2001 DM₃₃, 3, 1, 0; 2001 DY₃₄, 3, 1, 0; 2001 DD₃₅, 6, 2, 523; 2001 DE₃₅, 3, 1, 0; 2001 DH₃₅, 3, 1, 0; 2001 DK₃₅,

6, 2, 2537; 2001 DM₃₅, 3, 1, 0; 2001 DN₃₅, 3, 1, 0; 2001 DO₃₅, 3, 1, 0; 2001 DP₃₅, 3, 1, 0; 2001 DR₃₅, 3, 1, 0; 2001 DY₃₅, 3, 1, 0; 2001 DA₃₆, 3, 1, 0; 2001 DB₃₆, 3, 1, 0; 2001 DG₃₆, 9, 3, 7; 2001 DH₃₆, 3, 1, 0; 2001 DJ₃₆, 3, 1, 0; 2001 DM₃₆, 3, 1, 0; 2001 DN₃₆, 3, 1, 0; 2001 DQ₃₆, 3, 1, 0; 2001 DR₃₆, 6, 2, 14; 2001 DS₃₆, 6, 2, 14; 2001 DT₃₆, 3, 1, 0; 2001 DN₃₆, 3, 1, 0; 2001 DC₃₇, 3, 1, 0; 2001 DE₃₇, 3, 1, 0; 2001 DF₃₇, 3, 1, 0; 2001 DH₃₇, 6, 1, 0; 2001 DL₃₇, 3, 1, 0; 2001 DG₃₉, 6, 2, 17; 2001 DN₃₉, 3, 1, 0; 2001 DR₃₉, 6, 2, 10; 2001 DU₃₉, 3, 1, 0; 2001 DJ₄₀, 6, 2, 6; 2001 DP₄₀, 3, 1, 0; 2001 DH₄₁, 6, 2, 28; 2001 DJ₄₁, 3, 1, 0; 2001 DO₄₁, 6, 2, 11; 2001 DP₄₁, 3, 1, 0; 2001 DQ₄₁, 3, 1, 0; 2001 DT₄₁, 9, 3, 11; 2001 DV₄₁, 3, 1, 0; 2001 DW₄₁, 3, 1, 0; 2001 DX₄₁, 6, 2, 5; 2001 DY₄₁, 3, 1, 0; 2001 DB₄₂, 3, 1, 0; 2001 DC₄₂, 6, 2, 14; 2001 DD₄₂, 11, 4, 534; 2001 DE₄₂, 3, 1, 0; 2001 DJ₄₂, 3, 1, 0; 2001 DK₄₂, 3, 1, 0; 2001 DN₄₂, 3, 1, 0; 2001 DO₄₂, 3, 1, 0; 2001 DP₄₂, 6, 2, 6; 2001 DQ₄₂, 3, 1, 0; 2001 DR₄₂, 3, 1, 0; 2001 DW₄₂, 6, 2, 2585; 2001 DX₄₂, 3, 1, 0; 2001 DY₄₂, 3, 1, 0; 2001 DZ₄₂, 3, 1, 0; 2001 DB₄₃, 6, 2, 9; 2001 DC₄₃, 3, 1, 0; 2001 DG₄₃, 3, 1, 0; 2001 DH₄₃, 3, 1, 0; 2001 DK₄₃, 6, 2, 7; 2001 DO₄₃, 3, 1, 0; 2001 DF₄₃, 3, 1, 0; 2001 DQ₄₃, 3, 1, 0; 2001 DT₄₃, 3, 1, 0; 2001 DG₄₄, 6, 2, 6; 2001 DH₄₄, 6, 2, 6; 2001 DJ₄₄, 6, 2, 6; 2001 DK₄₄, 6, 2, 1; 2001 DO₄₄, 3, 1, 0; 2001 DQ₄₄, 3, 1, 0; 2001 DV₄₄, 3, 1, 0; 2001 DP₄₅, 2, 1, 0; 2001 DQ₄₅, 3, 1, 0; 2001 DR₄₅, 3, 1, 0; 2001 DK₄₆, 3, 1, 0; 2001 DN₄₆, 3, 1, 0; 2001 DH₄₇, 3, 1, 0; 2001 DK₄₇ *, 6, 2, 5; 2001 DL₄₇ *, 6, 2, 5; 2001 DM₄₇ *, 6, 2, 5; 2001 DN₄₇ *, 12, 4, 6; 2001 DY₄₇, 3, 1, 0; 2001 DB₄₈, 3, 1, 0; 2001 DE₄₈, 3, 1, 0; 2001 DN₄₈, 3, 1, 0; 2001 DS₅₁, 3, 1, 0; 2001 DP₅₂, 5, 2, 7; 2001 DQ₅₂, 3, 1, 0; 2001 DR₅₂, 3, 1, 0; 2001 DV₅₃ *, 6, 2, 6; 2001 DS₅₃ *, 11, 4, 9; 2001 DC₅₄ *, 6, 2, 1; 2001 DN₅₄ *, 6, 2, 6; 2001 DO₅₄ *, 6, 2, 6; 2001 DP₅₄ *, 6, 2, 6; 2001 DQ₅₄ *, 6, 2, 6; 2001 DR₅₄ *, 6, 2, 6; 2001 DS₅₄ *, 6, 2, 6; 2001 DT₅₄ *, 6, 2, 6; 2001 DU₅₄ *, 6, 2, 6; 2001 DV₅₄ *, 6, 2, 6; 2001 DW₅₄ *, 6, 2, 6; 2001 DX₅₄ *, 6, 2, 6; 2001 DZ₅₄ *, 6, 2, 6; 2001 DA₅₅ *, 6, 2, 6; 2001 DB₅₅ *, 9, 3, 11; 2001 DC₅₅ *, 6, 2, 6; 2001 DD₅₅ *, 6, 2, 6; 2001 DE₅₅ *, 6, 2, 6; 2001 DF₅₅ *, 9, 3, 11; 2001 DG₅₅ *, 6, 2, 6; 2001 DH₅₅ *, 6, 2, 6; 2001 DJ₅₅ *, 9, 3, 11; 2001 DK₅₅ *, 9, 3, 11; 2001 DL₅₅ *, 9, 3, 11; 2001 DM₅₅ *, 6, 2, 6; 2001 DN₅₅ *, 9, 3, 11; 2001 DO₅₅ *, 6, 2, 6; 2001 DP₅₅ *, 6, 2, 6; 2001 DQ₅₅ *, 6, 2, 6; 2001 DR₅₅ *, 12, 4, 34; 2001 DS₅₅ *, 6, 2, 6; 2001 DT₅₅ *, 6, 2, 6; 2001 DU₅₅ *, 6, 2, 6; 2001 DV₅₅ *, 6, 2, 6; 2001 DW₅₅ *, 6, 2, 6; 2001 DX₅₅ *, 6, 2, 6; 2001 DY₅₅ *, 6, 2, 6; 2001 DZ₅₅ *, 6, 2, 6; 2001 DA₅₆ *, 6, 2, 6; 2001 DB₅₆ *, 6, 2, 6; 2001 DC₅₆ *, 6, 2, 6; 2001 DD₅₆ *, 9, 3, 7; 2001 DE₅₆ *, 6, 2, 6; 2001 DF₅₆ *, 6, 2, 6; 2001 DG₅₆ *, 6, 2, 6; 2001 DH₅₆ *, 6, 2, 6; 2001 DJ₅₆ *, 6, 2, 6; 2001 DK₅₆ *, 6, 2, 6; 2001 DL₅₆ *, 6, 2, 6; 2001 DM₅₆ *, 6, 2, 6; 2001 DN₅₆ *, 6, 2, 6; 2001 DO₅₆ *, 9, 3, 7; 2001 DP₅₆ *, 6, 2, 6; 2001 DQ₅₆ *, 6, 2, 6; 2001 DR₅₆ *, 6, 2, 6; 2001 DS₅₆ *, 6, 2, 6; 2001 DT₅₆ *, 9, 3, 7; 2001 DU₅₆ *, 6, 2, 6; 2001 DV₅₆ *, 6, 2, 6; 2001 DW₅₆ *, 6, 2, 6; 2001 DX₅₆ *, 9, 3, 7; 2001 DY₅₆ *, 6, 2, 6; 2001 DZ₅₆ *, 6, 2, 6; 2001 DA₅₇ *, 6, 2, 6; 2001 DB₅₇ *, 6, 2, 6; 2001 DC₅₇ *, 6, 2, 6; 2001 DD₅₇ *, 9, 3, 7; 2001 DE₅₇ *, 6, 2, 6; 2001 DG₅₇ *, 6, 2, 6; 2001 DH₅₇ *, 6, 2, 6; 2001 DJ₅₇ *, 9, 3, 7; 2001 DL₅₇ *, 6, 2, 6; 2001 DM₅₇ *, 9, 3, 7; 2001 DN₅₇ *, 6, 2, 5; 2001 DO₅₇ *, 6, 2, 5; 2001 DP₅₇ *, 6, 2, 5; 2001 DQ₅₇ *, 6, 2, 5; 2001 DR₅₇ *, 6, 2, 5; 2001 DS₅₇ *, 6, 2, 5; 2001 DT₅₇ *, 6, 2, 5; 2001 DU₅₇ *, 6, 2, 5; 2001 DV₅₇ *, 6, 2, 5; 2001 DW₅₇ *, 6, 2, 5; 2001 DX₅₇ *, 6, 2, 5; 2001 DY₅₇ *, 6, 2, 5; 2001 DZ₅₇ *, 6, 2, 5; 2001 DA₅₈ *, 9, 3, 8; 2001 DB₅₈ *, 6, 2, 1; 2001 DC₅₈ *, 6, 2, 1; 2001 DD₅₈ *, 12, 4, 22; 2001 DE₅₈ *, 6, 2, 1; 2001 DF₅₉, 3, 1, 0; 2001 DG₅₉, 3, 1, 0; 2001 DC₆₀, 3, 1, 0; 2001 DF₆₀, 3, 1, 0; 2001 DN₆₀, 6, 2, 11; 2001 DO₆₀, 3, 1, 0; 2001 DT₆₀, 3, 1, 0; 2001 DZ₆₀, 3, 1, 0; 2001 DS₆₁, 3, 1, 0; 2001 DT₆₁, 6, 2, 28; 2001 DF₆₂, 3, 1, 0; 2001 DQ₆₂, 3, 1, 0; 2001 DG₆₂, 6, 2, 5; 2001 DU₆₂, 3, 1, 0; 2001 DD₆₃, 3, 1, 0; 2001 DM₆₃, 3, 1, 0; 2001 DC₆₄, 3, 1, 0; 2001 DH₆₄, 3, 1, 0; 2001 DZ₆₄, 3, 1, 0; 2001 DG₆₅, 3, 1, 0; 2001 DF₆₅, 9, 3, 25; 2001 DG₆₅, 6, 1, 0; 2001 DJ₆₅, 3, 1,

2001 DX₈₂ *, 6, 2, 5; 2001 DY₈₂ *, 6, 2, 5; 2001 DZ₈₂ *, 6, 2, 5; 2001 DA₈₃ *, 6, 2, 5; 2001 DB₈₃ *, 6, 2, 5; 2001 DC₈₃ *, 6, 2, 5; 2001 DD₈₃ *, 6, 2, 5; 2001 DE₈₃ *, 6, 2, 5; 2001 DF₈₃ *, 6, 2, 5; 2001 DG₈₃ *, 6, 2, 5; 2001 DH₈₃ *, 6, 2, 5; 2001 DJ₈₃ *, 6, 2, 5; 2001 DK₈₃ *, 6, 2, 5; 2001 DL₈₃ *, 6, 2, 5; 2001 DM₈₃ *, 6, 2, 4; 2001 DN₈₃ *, 6, 2, 4; 2001 DO₈₃ *, 6, 2, 4; 2001 DP₈₃ *, 6, 2, 4; 2001 DQ₈₃ *, 6, 2, 4; 2001 DR₈₃ *, 6, 2, 4; 2001 DS₈₃ *, 6, 2, 4; 2001 DT₈₃ *, 6, 2, 4; 2001 DT₈₆ *, 3, 1, 0; 2001 DX₈₆ *, 3, 1, 0; 2001 DZ₈₆ *, 6, 2, 3; 2001 DA₈₇ *, 6, 2, 3; 2001 DB₈₇ *, 6, 2, 3; 2001 DC₈₇ *, 6, 2, 3; 2596 P-L, 3, 1, 0; 2614 P-L, 3, 1, 0; 2784 P-L, 3, 1, 0; 3025 P-L, 6, 2, 13; 3068 P-L, 3, 1, 0; 3085 P-L, 3, 1, 0; 3092 P-L, 3, 1, 0; 4148 P-L, 6, 2, 6; 4190 P-L, 6, 2, 1483; 4229 P-L, 3, 1, 0; 4289 P-L, 6, 2, 5; 4744 P-L, 6, 2, 2557; 4776 P-L, 3, 1, 0; 4818 P-L, 3, 1, 0; 4858 P-L, 3, 1, 0; 4894 P-L, 3, 1, 0; 6193 P-L, 3, 1, 0; 6312 P-L, 3, 1, 0; 6741 P-L, 2, 1, 0; 6777 P-L, 3, 1, 0; 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(11660), 6, 2, 6; (11674), 3, 1, 0; (11715), 3, 1, 0; (11723), 3, 1, 0; (11727), 3, 1, 0; (11780), 3, 1, 0; (11783), 3, 1, 0; (11804), 3, 1, 0; (11811), 3, 1, 0; (11815), 3, 1, 0; (11829), 3, 1, 0; (11845), 3, 1, 0; (11934), 6, 2, 5; (11981), 3, 1, 0; (12007), 3, 1, 0; (12050), 6, 2, 3; (12094), 6, 2, 14; (12140), 3, 1, 0; (12141), 3, 1, 0; (12183), 3, 1, 0; (12188), 6, 2, 9; (12196), 3, 1, 0; (12243), 3, 1, 0; (12266), 6, 2, 1; (12270), 12, 4, 6; (12309), 3, 1, 0; (12356), 3, 1, 0; (12379), 3, 1, 0; (12399), 3, 1, 0; (12416), 3, 1, 0; (12436), 3, 1, 0; (12439), 3, 1, 0; (12491), 6, 2, 4; (12502), 3, 1, 0; (12522), 3, 1, 0; (12524), 3, 1, 0; (12554), 3, 1, 0; (12581), 3, 1, 0; (12585), 3, 1, 0; (12615), 3, 1, 0; (12623), 3, 1, 0; (12632), 3, 1, 0; (12719), 3, 1, 0; (12730), 3, 1, 0; (12792), 3, 1, 0; (12863), 3, 1, 0; (12948), 3, 1, 0; (12984), 3, 1, 0; (12991), 3, 1, 0; (12994), 3, 1, 0; (13048), 3, 1, 0; (13085), 3, 1, 0; (13122), 3, 1, 0; (13200), 3, 1, 0; (13229), 3, 1, 0; (13238), 3, 1, 0; (13270), 3, 1, 0; (13330), 3, 1, 0; (13409), 3, 1, 0; (13425), 3, 1, 0; (13429), 6, 2, 8; (13449), 3, 1, 0; (13463), 3, 1, 0; (13472), 3, 1, 0; (13485), 3, 1, 0; (13534), 3, 1, 0; (13584), 3, 1, 0; (13599), 3, 1, 0; (13641), 3, 1, 0; (13853), 3, 1, 0; (13862), 6, 2, 9; (13863), 3, 1, 0; (13865), 3, 1, 0; (14248), 3, 1, 0; (14300), 3, 1, 0; (14363), 3, 1, 0; (14381), 3, 1, 0; (14405), 3, 1, 0; (14438), 3, 1, 0; (14444), 3, 1, 0; (14640), 3, 1, 0; (14707), 3, 1, 0; (14744), 3, 1, 0; (15324), 3, 1, 0; (15510), 3, 1, 0; (15513), 3, 1, 0; (15651), 3, 1, 0; (15701), 3, 1, 0; (16066), 6, 2, 5; (16069), 3, 1, 0; (16078), 3, 1, 0; (16079), 3, 1, 0; (16094), 3, 1, 0; (16101), 3, 1, 0; (16114), 3, 1, 0; (16164), 3, 1, 0; (16324), 3, 1, 0; (16352), 3, 1, 0; (17785), 3, 1, 0; (18301), 3, 1, 0; (18406), 3, 1, 0; (18421), 3, 1, 0; (19019), 3, 1, 0; (19040), 3, 1, 0; (19093), 3, 1, 0; (19179), 3, 1, 0; (19252), 3, 1, 0; (19368), 3, 1, 0; (19400), 3, 1, 0; (19414), 3, 1, 0; (19418), 3, 1, 0; (19475), 3, 1, 0; (19511), 3, 1, 0; (19516), 3, 1, 0; (19552), 2, 1, 0; (19583), 6, 2, 1; (19675), 3, 1, 0; (19690), 3, 1, 0; (19699),

3, 1, 0; (19704), 3, 1, 0; (19739), 3, 1, 0; (19747), 3, 1, 0; (19778), 3, 1, 0; (19872), 3, 1, 0; (19912), 6, 2, 11; (19983), 3, 1, 0; (20059), 3, 1, 0; (20074), 3, 1, 0; (20078), 3, 1, 0; (20100), 3, 1, 0; (20179), 3, 1, 0; (20189), 3, 1, 0; (20218), 3, 1, 0; (20223), 3, 1, 0; (20265), 3, 1, 0; (20284), 3, 1, 0; (20292), 6, 2, 1; (20346), 3, 1, 0; (20376), 3, 1, 0; (20385), 2, 1, 0; (20397), 5, 2, 419; (20417), 3, 1, 0; (20419), 3, 1, 0; (20427), 3, 1, 0; (20507), 3, 1, 0; (20556), 3, 1, 0; (20616), 3, 1, 0; (20621), 3, 1, 0; (20639), 3, 1, 0; (20644), 6, 2, 1004; (20667), 3, 1, 0; (20681), 3, 1, 0; (20749), 3, 1, 0; (20865), 3, 1, 0; (21014), 3, 1, 0; (21027), 3, 1, 0; (21064), 3, 1, 0; (21083), 3, 1, 0; (21102), 3, 1, 0; (21110), 3, 1, 0; (21128), 6, 2, 11; (21162), 3, 1, 0; (21171), 3, 1, 0; (21175), 3, 1, 0; (21232), 3, 1, 0; (21247), 3, 1, 0; (21257), 6, 2, 14; (21287), 3, 1, 0; (21368), 3, 1, 0; (21381), 3, 1, 0; (21385), 3, 1, 0; (21407), 3, 1, 0; (21417), 3, 1, 0; (21425), 3, 1, 0; (21447), 6, 2, 479; (21470), 6, 2, 11; (21480), 3, 1, 0; (21545), 3, 1, 0; (21565), 6, 2, 9; (21574), 3, 1, 0; (21575), 3, 1, 0; (21576), 3, 1, 0; (21579), 3, 1, 0; (21583), 3, 1, 0; (21586), 3, 1, 0; (21588), 12, 4, 1817; (21590), 6, 2, 890; (21594), 3, 1, 0; (21595), 3, 1, 0; (21600), 6, 2, 6; (21605), 3, 1, 0; (21636), 3, 1, 0; (21638), 3, 1, 0; (21639), 3, 1, 0; (21704), 3, 1, 0; (21705), 6, 2, 2; (21710), 3, 1, 0; (21714), 3, 1, 0; (21737), 3, 1, 0; (21743), 3, 1, 0; (21754), 3, 1, 0; (21771), 6, 2, 5; (21778), 3, 1, 0; (21805), 3, 1, 0; (21818), 3, 1, 0; (21825), 3, 1, 0; (21828), 3, 1, 0; (21859), 3, 1, 0; (21883), 3, 1, 0; (21893), 3, 1, 0; (21913), 3, 1, 0; (21921), 3, 1, 0; (21926), 3, 1, 0; (21933), 3, 1, 0; (21946), 3, 1, 0; (21952), 6, 2, 3; (21960), 3, 1, 0; (21980), 3, 1, 0; (21992), 3, 1, 0; (21993), 3, 1, 0; (22001), 9, 3, 3224; (22009), 3, 1, 0; (22040), 3, 1, 0; (22122), 6, 2, 1812; (22150), 3, 1, 0; (22197), 3, 1, 0; (22231), 3, 1, 0; (22232), 3, 1, 0; (22235), 3, 1, 0; (22241), 6, 2, 5; [14613, 3653, 323*, 1991/09/04-2001/03/03]

693 University of Arizona, Catalina Station

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1.54-m reflector + CCD

USNO-A2.0

1999 TU₁₂₁, 3, 1, 0; 2001 AV₄₃, 5, 1, 0; 2001 BA₁₆, 2, 1, 0; [10, 3, 0*, 1995/05/26-2001/02/12]

695 Kitt Peak

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

2.3-m Steward reflector + CCD

Observers B. A. Skiff (1), R. M. Wagner (1), L. H. Wasserman (1)

Measurer L. H. Wasserman (1)

GSC, USNO-A1.0, USNO-A2.0

{1} 1998 UG₆, 2, 1, 0; 1998 WY₂₄, 2, 1, 0; 1998 WY₃₁, 3, 1, 0; 1999 CF₁₁₉, 2, 1, 0; 1999 CQ₁₃₃, 2, 1, 0; 1999 RX₂₁₆, 2, 1, 0; 1999 VH₁₁₅, 2, 1, 0; 1999 XX₁₄₃, 2, 1, 0; 1999 XY₁₄₃, 2, 1, 0; 2000 CE₁₀₅, 2, 1, 0; 2000 EC₉₈, 2, 1, 0; 2000 WT₁₆₉, 2, 1, 0; 2000 YV₁, 2, 1, 0; 2001 BY₃₉, 2, 1, 0; [29, 14, 0*, 1995/09/27-2001/01/26]

{2} 1999 XR₁₂₃, 5, 1, 0; 2000 RX₇₁, 6, 1, 0; [11, 2, 0*, 1993/05/09-1995/04/12]

{3} 1997 GP₂₄, 5, 1, 0; 1998 FY₅₇, 5, 1, 0; 1998 KL₂, 4, 1, 0; 1999 JN₃₀, 8, 2, 1; 1999 JP₃₀, 5, 1, 0; 1999 JN₆₄, 5, 1, 0; 1999 TD₃₆, 5, 1, 0; 1999 XD₂₆, 4, 1, 0; 2000 PZ₂₅, 5, 1, 0; 2000 RR₆₅, 5, 1, 0; 2000 RQ₆₈, 10, 1, 0; 2000 RV₁₀₃, 18, 3, 2; 2000 RV₁₀₄, 10, 2, 1; 2000 SK₁₃₉, 5, 1, 0; 2000 SL₁₆₁, 5, 1, 0; 2000 SB₁₆₈, 9, 1, 0; 2000 SZ₂₂₃, 8, 2, 1; 2000 SQ₂₄₀, 3, 1, 0; 2000 SY₃₀₁, 14, 3, 2; 2000 SV₃₀₂, 18, 3, 2; 2000 SH₃₃₅, 9, 2, 1; 2000 TY₁₃, 8, 2, 1; 2000 TJ₂₈, 9, 1, 2; 2000 UM₅₇, 4, 1, 0; 2000 WX₁₅₇, 3, 1, 0; 2000 WM₁₉₃ *, 11, 2, 1; 2000 WN₁₉₃ *, 20, 2, 1; 2000 WO₁₉₃ *, 10, 2, 1; 2000 WP₁₉₃ *, 18, 2, 1; 2000 WQ₁₉₃ *, 13, 2, 1; 2000 WR₁₉₃ *, 8, 2, 1; 2000 WS₁₉₃ *, 13, 2, 1; 2000 WT₁₉₃ *, 18, 2, 1; 2000 WU₁₉₃ *, 13, 2, 1; 2000 WV₁₉₃ *, 16, 2, 1; 2000 WW₁₉₃ *, 7, 2, 1; 2000 WX₁₉₃ *, 16, 2, 1; 2000 WY₁₉₃ *, 19, 2, 1; 2000 WZ₁₉₃ *, 8, 2, 1; 2000 WA₁₉₄ *, 8, 2, 1; 2000 WB₁₉₄ *, 9, 2, 1; 2000 WC₁₉₄ *, 8, 3, 3; 2000 WD₁₉₄ *, 14, 2, 1; 2000 WE₁₉₄ *, 25, 3, 2; 2000 WF₁₉₄ *, 8, 2, 1; 2000 WG₁₉₄ *, 10, 2, 1; 2000 WH₁₉₄ *, 10, 2, 1; 2000 WI₁₉₄ *, 13, 2, 1; 2000 WJ₁₉₄ *, 10, 2, 1; 2000 WK₁₉₄ *, 8, 2, 1; 2000 WL₁₉₄ *, 15, 2, 1; 2000 WN₁₉₄ *, 14, 2, 1; 2000 YS₁₄₀ *, 9, 2, 1; 2000 YT₁₄₀ *, 9, 2, 1; 2000 YU₁₄₀ *, 8, 2, 1; 2000 YV₁₄₀ *, 8, 2, 1; 2000 YW₁₄₀ *, 10, 2, 1; 2000 YX₁₄₀ *, 9, 2, 1; 2000 YY₁₄₀ *, 10, 2, 1; 2000 YZ₁₄₀ *, 10, 2, 1; 2000 YA₁₄₁ *, 9, 2, 1; 2000 YB₁₄₁ *, 7, 2, 3; 2000 YC₁₄₁ *, 7, 2, 3; 2000 YD₁₄₁ *, 10, 2, 1; 2000 YE₁₄₁ *, 9, 2, 1; 2000 YF₁₄₁ *, 9, 2, 1; 2000 YG₁₄₁ *, 9, 2, 1; 2000 YH₁₄₁ *, 20, 3, 2; 2000 YJ₁₄₁ *, 12, 2, 1; 2000 YK₁₄₁ *, 14, 3, 2; 2000 YL₁₄₁ *, 19, 3, 2; 2000 YM₁₄₁ *, 11, 2, 1; 2000 YN₁₄₁ *, 14, 3, 2; 2000 YO₁₄₁ *, 15, 2, 1; 2000 YP₁₄₁ *, 10, 2, 1; 2000 YQ₁₄₁ *, 14, 2, 1; 2000 YR₁₄₁ *, 8, 2, 1; 2000 YS₁₄₁ *, 9, 2, 1; 2000 YT₁₄₁ *, 12, 3, 2; 2000 YU₁₄₁ *, 15, 2, 1; 2000 YV₁₄₁ *, 8, 2, 2; 2000 YW₁₄₁ *, 18, 3, 2; 2000 YX₁₄₁ *, 8, 2, 1; 2000 YY₁₄₁ *, 7, 2, 1; 2000 YZ₁₄₁ *, 9, 2, 2; 2000 YA₁₄₂ *, 6, 2, 2; 2000 YB₁₄₂ *, 6, 2, 2; 2000 YC₁₄₂ *, 13, 2, 1; 2000 YD₁₄₂ *, 13, 2, 1; 2000 YE₁₄₂ *, 13, 2, 1; 2000 YF₁₄₂ *, 14, 2, 1; 2000 YG₁₄₂ *, 9, 2, 1;

2000 YH₁₄₂ *, 10, 2, 1; 2000 YJ₁₄₂ *, 9, 2, 1; 2000 YK₁₄₂ *, 9, 2, 1; 2000 YL₁₄₂ *, 10, 2, 1;
2001 BM₅, 8, 2, 1; (1902), 4, 1, 0; (17383), 3, 1, 0; [1009, 99, 71*, 2000/11/24-2000/12/22]

{5} 1999 TY₂₀₉, 2, 1, 0; [2, 1, 0*, 1995/09/20]

696 F. L. Whipple Observatory, Mount Hopkins

C. W. Hergenrother, Space Sciences Building, University of Arizona, Tucson, AZ
85721, U.S.A. [chergen@pirl.lpl.arizona.edu]

1.2-m *f*/8 reflector + CCD

USNO-A2.0

1997 AH₂₅, 3, 1, 0; 1999 CU₂₉, 3, 1, 0; 2000 RX₆₈, 3, 1, 0; 2001 BY₅₈, 3, 1, 0; 2396 T-3, 3, 1, 0;
[15, 5, 0*, 1996/09/19-1998/03/08]

699 Lowell Observatory-LONEOS

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

Observer B. A. Skiff

Measurer B. W. Koehn

0.59-m LONEOS Schmidt + CCD

USNO-A2.0

1973 SQ₄, 4, 1, 0; 1973 SC₂, 4, 1, 0; 1977 RG₁₉, 4, 1, 0; 1978 SG₄, 4, 1, 0; 1978 VN₁₀, 4, 1, 0;
1979 MQ₂, 4, 1, 0; 1979 MJ₃, 3, 1, 0; 1979 QY₂, 4, 1, 0; 1981 ES₃, 4, 1, 0; 1981 EQ₇, 4, 1, 0;
1981 EX₈, 4, 1, 0; 1981 EE₁₁, 4, 1, 0; 1981 EB₁₄, 4, 1, 0; 1981 EL₁₈, 4, 1, 0; 1981 ET₂₃, 3, 1, 0;
1981 EP₃₂, 4, 1, 0; 1981 EQ₃₅, 4, 1, 0; 1981 EN₄₅, 4, 1, 0; 1981 QG₃, 7, 2, 876; 1981 SE₇, 4,
1, 0; 1981 UB₂₃, 4, 1, 0; 1983 QR₄, 4, 1, 0; 1984 ST₄, 4, 1, 0; 1985 CD₂, 4, 1, 0; 1985 PC₈, 8, 2,
19; 1986 QJ₂, 4, 1, 0; 1986 QW₂, 8, 2, 19; 1986 RE₅, 8, 2, 19; 1987 SX₁₀, 4, 1, 0; 1988 CR₄,
1, 0; 1988 FD₄, 1, 0; 1988 RO₆, 4, 1, 0; 1988 RX₁₀, 4, 1, 0; 1988 SG₃, 4, 1, 0; 1989 AR₄, 4,
1, 0; 1989 GK₂, 4, 1, 0; 1989 SM₁, 8, 2, 19; 1989 TQ₂, 4, 1, 0; 1989 TW₄, 8, 2, 19; 1989 TX₁₁, 4,
1, 0; 1989 TG₁₆, 4, 1, 0; 1989 UQ₅, 4, 1, 0; 1989 WA₃, 4, 1, 0; 1989 YH₈, 8, 2, 19; 1990 EJ₈,
2, 19; 1990 QY₅, 8, 2, 19; 1990 QP₆, 3, 1, 0; 1990 RH₃, 4, 1, 0; 1990 RU₉, 3, 1, 0; 1990 SO₈, 4,
1, 0; 1990 SE₁₅, 4, 1, 0; 1990 TX₃, 8, 2, 54; 1990 TU₄, 4, 1, 0; 1990 VR₆, 4, 1, 0; 1991 AW₂, 4,
1, 0; 1991 CK₃, 4, 1, 0; 1991 FK₈, 2, 146; 1991 GE₃, 4, 1, 0; 1991 GV₃, 4, 1, 0; 1991 GU₄, 8,
2, 19; 1991 LL₂, 4, 1, 0; 1991 PG₁, 4, 1, 0; 1991 RP₄, 4, 1, 0; 1991 RK₃, 4, 1, 0; 1991 RP₄, 4, 1,
0; 1991 RQ₄, 4, 1, 0; 1991 RQ₅, 8, 2, 19; 1991 RS₁₁, 4, 1, 0; 1991 RZ₁₉, 4, 1, 0; 1991 RA₂₀, 4,
1, 0; 1991 SZ₄, 1, 0; 1991 TL₂, 4, 1, 0; 1991 VJ₁, 7, 1, 0; 1991 VT₅, 4, 1, 0; 1991 VP₁₂, 3, 1,
0; 1992 CL₂, 4, 1, 0; 1992 DA₈, 4, 1, 0; 1992 DT₈, 4, 1, 0; 1992 EW₄, 4, 1, 0; 1992 EH₇, 8, 2,
17; 1992 EO₉, 4, 1, 0; 1992 EO₁₂, 4, 1, 0; 1992 ET₁₄, 4, 1, 0; 1992 EX₁₆, 4, 1, 0; 1992 ED₁₈, 4,
1, 0; 1992 LE₃, 3, 1, 0; 1992 PF₄, 4, 1, 0; 1992 PK₁, 4, 1, 0; 1992 PA₂, 1, 1, 0; 1992 PB₂, 4, 1, 0;
1992 RF₂, 4, 1, 0; 1992 RM₅, 4, 1, 0; 1992 SH₁, 4, 1, 0; 1992 SY₁₂, 4, 1, 0; 1992 SE₁₃, 4, 1, 0;
1992 SW₁₄, 4, 1, 0; 1992 UK₂, 4, 1, 0; 1992 UR₂, 4, 1, 0; 1992 UA₆, 4, 1, 0; 1992 WD₁, 4, 1, 0;
1993 AM₄, 4, 1, 0; 1993 BV₅, 4, 1, 0; 1993 FK₈, 4, 1, 0; 1993 FP₈, 8, 2, 19; 1993 FA₉, 4, 1, 0;
1993 FD₉, 4, 1, 0; 1993 FK₁₁, 4, 1, 0; 1993 FY₁₄, 3, 1, 0; 1993 FK₁₈, 4, 1, 0; 1993 FY₁₉, 4, 1, 0;
1993 FZ₂₁, 8, 2, 19; 1993 FA₂₉, 12, 3, 19; 1993 FL₃₂, 4, 1, 0; 1993 FV₃₃, 8, 2, 19; 1993 FH₃₄, 4,
1, 0; 1993 FU₄₉, 4, 1, 0; 1993 FX₅₅, 6, 2, 35; 1993 FW₆₀, 4, 1, 0; 1993 HO₂, 8, 2, 19; 1993 MR,
3, 1, 0; 1993 MT₄, 4, 1, 0; 1993 OE₂, 4, 1, 0; 1993 QT₄, 4, 1, 0; 1993 QZ₇, 4, 1, 0; 1993 RP₂, 4,
1, 0; 1993 SE₃, 4, 1, 0; 1993 TJ₂, 4, 1, 0; 1993 TU₁₅, 4, 1, 0; 1993 TG₁₈, 4, 1, 0; 1993 TD₂₈, 4,
1, 0; 1993 TJ₃₁, 4, 1, 0; 1993 TF₃₄, 4, 1, 0; 1993 UO₇, 4, 1, 0; 1994 AH₆, 4, 1, 0; 1994 AV₁₀, 4,
1, 0; 1994 AY₁₀, 4, 1, 0; 1994 CO₁, 4, 1, 0; 1994 CG₆, 4, 1, 0; 1994 CX₁₃, 4, 1, 0; 1994 EG₅, 4,
1, 0; 1994 EZ₆, 4, 1, 0; 1994 EF₇, 4, 1, 0; 1994 LT₄, 4, 1, 0; 1994 PH₃, 4, 1, 0; 1994 PZ₁₃, 4, 1,
0; 1994 PC₁₅, 4, 1, 0; 1994 PE₂₅, 4, 1, 0; 1994 PE₂₆, 4, 1, 0; 1994 PT₂₇, 3, 1, 0; 1994 RX₈, 4,
1, 0; 1994 TO₄, 4, 1, 0; 1994 TD₃, 4, 1, 0; 1994 VS₁, 3, 1, 0; 1994 WO₄, 4, 1, 0; 1994 WF₁, 4, 1,
0; 1994 WY₂, 4, 1, 0; 1994 YB₁, 4, 1, 0; 1995 AA₃, 3, 1, 0; 1995 AB₄, 1, 0; 1995 CJ₁, 4, 1, 0;
1995 DP₃, 8, 2, 19; 1995 QW₅, 4, 1, 0; 1995 SK₂, 3, 1, 0; 1995 SF₁₇, 2, 1, 0; 1995 SE₂₄, 4, 1, 0;
1995 SC₂₈, 4, 1, 0; 1995 SE₃₂, 4, 1, 0; 1995 TR₄, 1, 0; 1995 TO₁, 3, 1, 0; 1995 UZ₃, 4, 1, 0;
1995 UB₁₃, 4, 1, 0; 1995 UB₁₅, 4, 1, 0; 1995 UN₁₅, 4, 1, 0; 1995 UD₃₄, 4, 1, 0; 1995 WM₄, 4, 1,
0; 1995 WJ₇, 4, 1, 0; 1995 WA₂₀, 4, 1, 0; 1995 YL₄, 1, 0; 1995 YO₅, 8, 2, 17; 1995 YK₂₀, 4, 1,
0; 1995 YS₂₁, 4, 1, 0; 1996 AX₈, 2, 19; 1996 AZ₄, 1, 0; 1996 AJ₇, 4, 1, 0; 1996 AW₇, 4, 1, 0;
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4, 1, 0; 2001 CZ₁₁, 4, 1, 0; 2001 CC₁₂, 8, 2, 54; 2001 CE₁₂, 3, 1, 0; 2001 CG₁₂, 8, 2, 19; 2001 CH₁₂, 4, 1, 0; 2001 CJ₁₂, 8, 2, 19; 2001 CK₁₂, 4, 1, 0; 2001 CN₁₂, 4, 1, 0; 2001 CP₁₂, 8, 2, 19; 2001 CQ₁₂, 8, 2, 19; 2001 CS₁₂, 4, 1, 0; 2001 CT₁₂, 4, 1, 0; 2001 CW₁₂, 4, 1, 0; 2001 CX₁₂, 8, 2, 19; 2001 CY₁₂, 8, 2, 19; 2001 CZ₁₂, 8, 2, 60; 2001 CA₁₃, 4, 1, 0; 2001 CB₁₃, 12, 3, 19; 2001 CC₁₃, 11, 3, 19; 2001 CE₁₃, 8, 2, 2; 2001 CF₁₃, 4, 1, 0; 2001 CG₁₃, 4, 1, 0; 2001 CH₁₃, 8, 2, 17; 2001 CK₁₃, 8, 2, 17; 2001 CL₁₃, 4, 1, 0; 2001 CM₁₃, 4, 1, 0; 2001 CP₁₃, 4, 1, 0; 2001 CQ₁₃, 4, 1, 0; 2001 CR₁₃, 8, 2, 20; 2001 CT₁₃, 4, 1, 0; 2001 CY₁₃, 4, 1, 0; 2001 CZ₁₃, 4, 1, 0; 2001 CA₁₄, 4, 1, 0; 2001 CC₁₄, 4, 1, 0; 2001 CD₁₄, 8, 2, 19; 2001 CE₁₄, 4, 1, 0; 2001 CF₁₄, 4, 1, 0; 2001 CG₁₄, 4, 1, 0; 2001 CH₁₄, 4, 1, 0; 2001 CO₁₄, 4, 1, 0; 2001 CP₁₄, 4, 1, 0; 2001 CS₁₄, 4, 1, 0; 2001 CU₁₄, 8, 2, 35; 2001 CV₁₄, 4, 1, 0; 2001 CZ₁₄, 8, 1, 0; 2001 CA₁₅, 4, 1, 0; 2001 CC₁₅, 7, 2, 19; 2001 CE₁₅, 4, 1, 0; 2001 CF₁₅, 8, 2, 19; 2001 CR₁₅, 4, 1, 0; 2001 CT₁₅, 8, 2, 19; 2001 CV₁₅, 8, 2, 19; 2001 CW₁₅, 4, 1, 0; 2001 CX₁₅, 8, 2, 19; 2001 CY₁₅, 4, 1, 0; 2001 CZ₁₅, 4, 1, 0; 2001 CA₁₆, 11, 3, 441; 2001 CB₁₆, 4, 1, 0; 2001 CF₁₆, 3, 1, 0; 2001 CH₁₆, 4, 1, 0; 2001 CK₁₆, 4, 1, 0; 2001 CL₁₆, 8, 2, 19; 2001 CM₁₆, 7, 2, 894; 2001 CP₁₆, 8, 2, 19; 2001 CQ₁₆, 4, 1, 0; 2001 CR₁₆, 4, 1, 0; 2001 CT₁₆, 8, 2, 19; 2001 CU₁₆, 4, 1, 0; 2001 CV₁₆, 4, 1, 0; 2001 CW₁₆, 4, 1, 0; 2001 CX₁₆, 4, 1, 0; 2001 CY₁₆, 4, 1, 0; 2001 CZ₁₆, 4, 1, 0; 2001 CA₁₇, 4, 1, 0; 2001 CB₁₇, 4, 1, 0; 2001 CC₁₇, 4, 1, 0; 2001 CD₁₇, 8, 2, 42; 2001 CF₁₇, 4, 1, 0; 2001 CH₁₇, 8, 2, 19; 2001 CN₁₇, 12, 3, 19; 2001 CR₁₇, 4, 1, 0; 2001 CH₁₈, 4, 1, 0; 2001 CL₁₈, 8, 2, 19; 2001 CM₁₈, 8, 2, 20; 2001 CP₁₈, 7, 2, 828; 2001 CT₁₈, 4, 1, 0; 2001 CU₁₈, 4, 1, 0; 2001 CV₁₈, 4, 1, 0; 2001 CX₁₈, 4, 1, 0; 2001 CA₁₉, 4, 1, 0; 2001 CC₁₉, 4, 1, 0; 2001 CD₁₉, 7, 2, 416; 2001 CE₁₉, 4, 1, 0; 2001 CH₁₉, 8, 2, 19; 2001 CM₁₉, 4, 1, 0; 2001 CN₁₉, 4, 1, 0; 2001 CS₁₉, 4, 1, 0; 2001 CX₁₉, 4, 1, 0; 2001 CY₁₉, 4, 1, 0; 2001 CZ₁₉, 4, 1, 0; 2001 CA₂₀, 4, 1, 0; 2001 CB₂₀, 4, 1, 0; 2001 CE₂₀, 4, 1, 0; 2001 CG₂₀, 4, 1, 0; 2001 CK₂₀, 4, 1, 0; 2001 CO₂₀, 4, 1, 0; 2001 CR₂₀, 4, 1, 0; 2001 CZ₂₀, 4, 1, 0; 2001 CJ₂₁, 4, 1, 0; 2001 CK₂₁, 8, 2, 36; 2001 CL₂₁, 4, 1, 0; 2001 CM₂₁, 12, 3, 88; 2001 CN₂₁, 12, 3, 54; 2001 CO₂₁, 8, 2, 20; 2001 CP₂₁, 4, 1, 0; 2001 CQ₂₁, 12, 3, 61; 2001 CR₂₁, 8, 2, 20; 2001 CS₂₁, 7, 2, 538; 2001 CT₂₁, 4, 1, 0; 2001 CU₂₁, 4, 1, 0; 2001 CV₂₁, 8, 2, 20; 2001 CW₂₁, 4, 1, 0; 2001 CX₂₁, 4, 1, 0; 2001 CY₂₁, 8, 2, 68; 2001 CZ₂₁, 4, 1, 0; 2001 CA₂₂, 4, 1, 0; 2001 CB₂₂, 4, 1, 0; 2001 CC₂₂, 4, 1, 0; 2001 CD₂₂, 4, 1, 0; 2001 CE₂₂, 4, 1, 0; 2001 CF₂₂, 8, 2, 20; 2001 CG₂₂, 4, 1, 0; 2001 CH₂₂, 4, 1, 0; 2001 CJ₂₂, 4, 1, 0; 2001 CK₂₂, 12, 3, 87; 2001 CL₂₂, 4, 1, 0; 2001 CM₂₂, 16, 4, 87; 2001 CN₂₂, 4, 1, 0; 2001 CO₂₂, 4, 1, 0; 2001 CP₂₂, 4, 1, 0; 2001 CQ₂₂, 4, 1, 0; 2001 CR₂₂, 4, 1, 0; 2001 CS₂₂, 4, 1, 0; 2001 CT₂₂, 4, 1, 0; 2001 CU₂₂, 4, 1, 0; 2001 CV₂₂, 4, 1, 0; 2001 CW₂₂, 4, 1, 0; 2001 CX₂₂, 4, 1, 0; 2001 CY₂₂, 4, 1, 0; 2001 CZ₂₂, 4, 1, 0; 2001 CA₂₃, 4, 1, 0; 2001 CB₂₃, 4, 1, 0; 2001 CC₂₃, 8, 2, 20; 2001 CD₂₃, 4, 1, 0; 2001 CE₂₃, 4, 1, 0; 2001 CF₂₃, 4, 1, 0; 2001 CG₂₃, 4, 1, 0; 2001 CH₂₃, 4, 1, 0; 2001 CJ₂₃, 4, 1, 0; 2001 CK₂₃, 4, 1, 0; 2001 CL₂₃, 4, 1, 0; 2001 CM₂₃, 4, 1, 0; 2001 CN₂₃, 4, 1, 0; 2001 CO₂₃, 4, 1, 0; 2001 CP₂₃, 8, 2, 20; 2001 CQ₂₃, 4, 1, 0; 2001 CS₂₃, 4, 1, 0; 2001 CT₂₃, 4, 1, 0; 2001 CU₂₃, 4, 1, 0; 2001 CV₂₃, 4, 1, 0; 2001 CW₂₃, 4, 1, 0; 2001 CX₂₃, 4, 1, 0; 2001 CY₂₃, 4, 1, 0; 2001 CZ₂₃, 4, 1, 0; 2001 CA₂₄, 4, 1, 0; 2001 CB₂₄, 4, 1, 0; 2001 CC₂₄, 8, 2, 20; 2001 CD₂₄, 4, 1, 0; 2001 CE₂₄, 4, 1, 0; 2001 CF₂₄, 4, 1, 0; 2001 CG₂₄, 4, 1, 0; 2001 CH₂₄, 4, 1, 0; 2001 CJ₂₄, 4, 1, 0; 2001 CK₂₄, 4, 1, 0; 2001 CL₂₄, 4, 1, 0; 2001 CM₂₄, 4, 1, 0; 2001 CN₂₄, 8, 2, 29; 2001 CO₂₄, 4, 1, 0; 2001 CP₂₄, 4, 1, 0; 2001 CQ₂₄, 4, 1, 0; 2001 CR₂₄, 4, 1, 0; 2001 CS₂₄, 4, 1, 0; 2001 CT₂₄, 4, 1, 0; 2001 CU₂₄, 8, 1, 0; 2001 CV₂₄, 4, 1, 0; 2001 CW₂₄, 4, 1, 0; 2001 CX₂₄, 4, 1, 0; 2001 CY₂₄, 4, 1, 0; 2001 CZ₂₄, 4, 1, 0; 2001 CA₂₅

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(21798), 4, 1, 0; (21805), 4, 1, 0; (21806), 4, 1, 0; (21808), 4, 1, 0; (21810), 8, 2, 19; (21816), 4, 1, 0; (21817), 4, 1, 0; (21822), 4, 1, 0; (21823), 8, 2, 19; (21829), 8, 2, 19; (21830), 8, 2, 19; (21833), 4, 1, 0; (21837), 4, 1, 0; (21838), 4, 1, 0; (21843), 4, 1, 0; (21849), 4, 1, 0; (21851), 4, 1, 0; (21860), 8, 2, 19; (21864), 4, 1, 0; (21866), 4, 1, 0; (21869), 4, 1, 0; (21870), 4, 1, 0; (21871), 8, 2, 19; (21874), 8, 2, 19; (21876), 4, 1, 0; (21879), 3, 1, 0; (21881), 4, 1, 0; (21884), 4, 1, 0; (21888), 4, 1, 0; (21889), 8, 2, 19; (21895), 8, 2, 19; (21897), 4, 1, 0; (21899), 4, 1, 0; (21903), 4, 1, 0; (21905), 4, 1, 0; (21907), 4, 1, 0; (21908), 8, 2, 19; (21911), 4, 1, 0; (21915), 4, 1, 0; (21917), 4, 1, 0; (21922), 4, 1, 0; (21924), 4, 1, 0; (21932), 4, 1, 0; (21946), 3, 1, 0; (21949), 4, 1, 0; (21952), 4, 1, 0; (21953), 8, 2, 17; (21956), 4, 1, 0; (21957), 4, 1, 0; (21965), 3, 1, 0; (21966), 4, 1, 0; (21970), 7, 2, 19; (21973), 4, 1, 0; (21974), 4, 1, 0; (21981), 4, 1, 0; (21985), 4, 1, 0; (21991), 4, 1, 0; (21995), 8, 1, 0; (22003), 4, 1, 0; (22006), 4, 1, 0; (22023), 4, 1, 0; (22026), 4, 1, 0; (22028), 4, 1, 0; (22029), 8, 2, 19; (22034), 4, 1, 0; (22045), 4, 1, 0; (22055), 4, 1, 0; (22056), 8, 2, 17; (22060), 4, 1, 0; (22066), 4, 1, 0; (22067), 4, 1, 0; (22078), 4, 1, 0; (22079), 4, 1, 0; (22080), 4, 1, 0; (22084), 4, 1, 0; (22086), 4, 1, 0; (22099), 4, 1, 0; (22129), 4, 1, 0; (22155), 4, 1, 0; (22186), 3, 1, 0; (22199), 8, 2, 19; (22206), 4, 1, 0; (22209), 8, 2, 19; (22210), 4, 1, 0; (22213), 2, 1, 0; (22220), 4, 1, 0; (22236), 8, 2, 19; (22239), 4, 1, 0; (22240), 4, 1, 0; [32485, 7123, 263*, 1998/03/25-2001/02/21]

701 Junk Bond Observatory, Sierra Vista

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

GSC-ACT

1990 EJ, 3, 1, 0; 1998 FH₇₅, 2, 1, 0; 1998 SY₁₅, 3, 1, 0; 1999 RR₂₃, 3, 1, 0; 1999 TN₁₅₅, 2, 1, 0; 1999 WN₂, 3, 1, 0; 2000 WX₁₆₈, 2, 1, 0; 2000 YU₁₁₆, 3, 1, 0; 2001 BJ₂₈, 6, 2, 2; 2001 BP₇₁, 2, 1, 0; 2001 BC₇₅ *, 2, 1, 0; 2001 BR₇₈, 9, 3, 3; 2001 CT₁₈, 2, 1, 0; 2001 CD₂₃, 3, 1, 0; 2001 CO₃₁ *, 5, 2, 1; 2001 DQ *, 9, 2, 1; 2001 DT₂, 3, 1, 0; 2001 DX₁₃ *, 5, 2, 4; 2001 DY₁₃ *, 8, 3, 3; 2001 DC₁₄, 2, 1, 0; 2001 DJ₄₄, 3, 1, 0; 2001 DX₄₄, 3, 1, 0; 2001 DB₇₇ *, 6, 2, 1; (2514), 6, 1, 0; (5315), 3, 1, 0; (12517), 3, 1, 0; (13419), 5, 2, 2; (13425), 3, 1, 0; (19717), 6, 2, 1; (19959), 3, 1, 0; (21884), 10, 4, 7; [128, 31, 6*, 1998/05/31-2001/02/22]

703 Catalina Sky Survey

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

0.41-m $f/3$ Schmidt + CCD

USNO-SA2.0, USNO-SA1.0

1992 CK₁, 4, 1, 0; 1993 FG₁₄, 4, 1, 0; 1997 EH₁₅, 4, 1, 0; 1997 LN₂, 4, 1, 0; 1998 FA₁₀₇, 4, 1, 0; 1998 HJ₁₄₈, 4, 1, 0; 1998 KJ₆₃, 8, 2, 58; 1998 KS₆₄, 4, 1, 0; 1998 MT₅, 8, 2, 13; 1998 MX₃₄, 4, 1, 0; 1998 ME₄₇, 4, 1, 0; 1998 QW₁₁, 4, 1, 0; 1998 QG₇₀, 4, 1, 0; 1998 SP₁₆₁, 4, 1, 0; 1999 LN₃₂, 4, 1, 0; 1999 NK₃₆, 4, 1, 0; 1999 NP₄₂, 4, 1, 0; 1999 QF₃ *, 4, 1, 0; 1999 RM₅₆, 4, 1, 0; 1999 RC₆₁, 8, 1, 0; 1999 RZ₉₃, 4, 1, 0; 1999 RJ₉₈, 4, 1, 0; 1999 RY₉₉, 4, 1, 0; 1999 RV₁₀₆, 4, 1, 0; 1999 RH₁₃₄, 4, 1, 0; 1999 RC₁₄₄, 4, 1, 0; 1999 RZ₁₇₉, 4, 1, 0; 1999 RY₂₃₈, 4, 1, 0; 1999 SB₇, 4, 1, 0; 1999 TA₁₈₉, 4, 1, 0; 1999 TK₁₉₄, 4, 1, 0; 1999 TL₁₉₅, 4, 1, 0; 1999 TL₁₉₆, 4, 1, 0; 1999 TO₁₉₆, 12, 3, 30; 1999 TX₁₉₇, 4, 1, 0; 1999 TA₁₉₈, 4, 1, 0; 1999 TK₁₉₈, 4, 1, 0; 1999 TA₂₀₄, 4, 1, 0; 1999 TY₂₀₄, 4, 1, 0; 1999 TO₂₀₅, 4, 1, 0; 1999 TU₂₀₇, 4, 1, 0; 1999 TQ₂₁₉, 4, 1, 0; 1999 TT₂₂₈, 4, 1, 0; 1999 TM₂₃₂, 4, 1, 0; 1999 TF₂₅₂, 4, 1, 0; 1999 TW₂₆₅, 4, 1, 0; 1999 TJ₂₇₉, 8, 2, 13; 1999 TT₂₈₄, 4, 1, 0; 1999 TQ₂₈₆, 4, 1, 0; 1999 TS₃₂₃, 4, 1, 0; 1999 UU₄₂, 4, 1, 0; 1999 UA₅₉, 4, 1, 0; 1999 VL₈₂, 4, 1, 0; 1999 VS₁₀₀, 2, 1, 0; 1999 VY₁₇₇, 4, 1, 0; 1999 XA₁₁₃, 4, 1, 0; 1999 XQ₁₂₃, 4, 1, 0; 1999 XS₁₂₅, 4, 1, 0; 1999 XF₁₂₆, 4, 1, 0; 1999 XK₂₂₉, 4, 1, 0; 1999 XM₂₄₅, 4, 1, 0; 1999 XO₂₅₈, 4, 1, 0; 2000 AH₁₀, 4, 1, 0; 2000 AZ₁₃₄, 4, 1, 0; 2000 AC₁₃₉, 4, 1, 0; 2000 EQ₁₅₆, 4, 1, 0; 2000 GO₅₀, 4, 1, 0; 2000 PQ₁₃, 4, 1, 0; 2000 SG₃₄₈, 4, 1, 0; 2000 VE₂, 4, 1, 0; 2000 WG₇, 4, 1, 0; 2000 WG₃₅, 4, 1, 0; 2000 WU₉₂, 4, 1, 0; 2000 WK₁₃₄, 4, 1, 0; 2000 WO₁₇₃, 4, 1, 0; 2000 YR₂₉, 4, 1, 0; 2000 YR₅₀, 8, 1, 0; 2000 YX₅₂, 4, 1, 0; 2000 YA₇₁, 4, 1, 0; 2000 YS₉₉, 4, 1, 0; 2000 YB₁₀₂, 4, 1, 0; 2000 YY₁₀₂, 4, 1, 0; 2000 YA₁₁₄, 8, 2, 17; 2000 YZ₁₂₅, 4, 1, 0; 2000 YJ₁₂₈, 4, 1, 0; 2001 AL₃, 4, 1, 0; 2001 AK₅, 8, 1, 0; 2001 AZ₁₀, 4, 1, 0; 2001 AO₂₃, 8, 2, 44; 2001 AE₂₈, 4, 1, 0; 2001 AK₃₇, 4, 1, 0; 2001 AA₅₁, 8, 2, 11; 2001 BU₄, 1, 0; 2001 BY₄, 1, 0; 2001 BA₅, 4, 1, 0; 2001 BW₁₂, 4, 1, 0; 2001 BH₁₅, 4, 1, 0; 2001 BJ₁₅, 4, 1, 0; 2001 BW₁₉, 8, 2, 21; 2001 BF₂₀, 4, 1, 0; 2001 BS₂₃, 4, 1, 0; 2001 BC₂₄, 4, 1, 0; 2001 BH₃₇, 4, 1, 0; 2001 BP₃₈, 8, 2, 25; 2001 BY₂₈, 4, 1, 0; 2001 BQ₂₉, 4, 1, 0; 2001 BM₃₁, 4, 1, 0; 2001 BD₃₂, 4, 1, 0; 2001 BC₃₇, 4, 1, 0; 2001 BH₄₀, 4, 1, 0; 2001 BA₄₁, 4, 1, 0; 2001 BX₄₂, 4, 1, 0; 2001 BF₄₃, 4, 1, 0; 2001 BR₄₃, 4, 1, 0; 2001 BY₄₃, 4, 1, 0; 2001 BH₄₄, 4, 1, 0; 2001 BX₄₄, 4, 1, 0; 2001 BF₅₀, 8, 2, 28; 2001 BD₅₇, 4, 1, 0; 2001 BC₅₈, 4, 1, 0; 2001 BJ₆₀, 4, 1, 0; 2001 BS₆₁, 4, 1, 0; 2001 BJ₆₂, 4, 1, 0; 2001 BQ₆₅, 4, 1, 0; 2001 BC₆₇, 4, 1, 0; 2001 BC₆₈, 4, 1, 0; 2001 BQ₇₁, 4, 1, 0; 2001 BF₇₃, 4, 1, 0; 2001 BQ₇₅, 4, 1, 0; 2001 CP₈, 2, 43; 2001 CG₁, 4, 1, 0; 2001 CH₁, 4, 1, 0; 2001 CA₂, 4, 1, 0; 2001 CF₂, 4, 1, 0; 2001 CF₃, 4, 1, 0; 2001 CS₃, 4, 1, 0; 2001 CS₄, 4, 1, 0; 2001 CH₈, 4, 1, 0; 2001 CU₁₁, 8, 2, 11; 2001 CK₁₂, 4, 1, 0; 2001 CZ₁₅, 4, 1, 0; 2001 CH₁₇, 4, 1, 0; 2001 CS₂₁, 4, 1, 0; 2001 CF₂₃, 4, 1, 0; 2001 CK₂₄, 4, 1, 0; 2001 CD₂₇, 4, 1, 0; 2001 CK₂₇, 4, 1, 0; 2001 CM₂₇, 4, 1, 0; 2001 CV₂₇, 4, 1, 0; 2001 CV₂₈, 4, 1, 0; 2001 CA₂₉, 4, 1, 0; 2001 CC₃₀, 4, 1, 0; 2001 CL₃₀, 4, 1, 0; 2001 CJ₃₃, 8, 2, 34; 2001 CR₄₀, 8, 2, 16; 2001 DT₆, 4, 1, 0; 2001 DO₉, 4, 1, 0; 2001 DT₂₁, 4, 1, 0; 2001 DT₂₃, 4, 1, 0; 2001 DC₃₆, 4, 1, 0; 2001 DU₆₂, 4, 1, 0; 2001 DB₆₉, 4, 1, 0; [718, 162, 1*, 1999/03/23-2000/03/14]

704 Lincoln Laboratory Experimental Test System, New Mexico

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Observers M. Blythe, F. Shelly, M. Bezpalko, R. Huber, S. Adams

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

1.0-m $f/2.15$ reflector + CCD

USNO-A2.0

1950 DA, 10, 2, 8; 1971 FB, 4, 1, 0; 1972 FC, 5, 1, 0; 1972 RF₂, 3, 1, 0; 1973 SQ, 5, 1, 0; 1973 SB₁, 5, 1, 0; 1973 SC₂, 7, 2, 3; 1976 QK₂, 4, 1, 0; 1977 QO₃, 5, 1, 0; 1977 RG₁₉, 3, 1, 0; 1977 SL, 4, 1, 0; 1978 QF₁, 3, 1, 0; 1978 QK₂, 4, 1, 0; 1978 RA₂, 5, 1, 0; 1978 RD₂, 9, 2, 3; 1978 RT₆, 10, 2, 1; 1978 RW₆, 9, 2, 4; 1978 SG, 12, 3, 12; 1978 SU₇, 10, 2, 3; 1978 TV₂, 9, 2, 4; 1978 UN₅, 4, 1, 0; 1978 UE₆, 5, 1, 0; 1978 VO₂, 5, 1, 0; 1978 VH₄, 4, 1, 0; 1978 VX₄, 5, 1, 0; 1978 VE₈, 5, 1, 0; 1978 VL₈, 4, 1, 0; 1978 VY₈, 5, 1, 0; 1978 VP₉, 3, 1, 0; 1978 VQ₉, 4, 1, 0; 1979 MP₁, 5, 1,

0; 1979 MQ₂, 15, 3, 3; 1979 MJ₃, 5, 1, 0; 1979 MD₅, 8, 2, 4; 1979 MF₅, 4, 1, 0; 1979 MP₈, 8, 2, 3; 1979 QQ₂, 4, 1, 0; 1979 QY₂, 5, 1, 0; 1979 QM₃, 5, 1, 0; 1980 AB, 14, 3, 8; 1980 PZ₂, 5, 1, 0; 1980 RC, 5, 1, 0; 1981 DR, 4, 1, 0; 1981 DF₁, 4, 1, 0; 1981 DN₁, 4, 1, 0; 1981 DL₂, 4, 1, 0; 1981 DS₂, 4, 1, 0; 1981 DY₂, 13, 3, 13; 1981 DR₃, 5, 1, 0; 1981 EO, 10, 2, 3; 1981 EF₆, 10, 2, 1; 1981 EY₆, 5, 1, 0; 1981 EE₇, 12, 3, 3; 1981 EQ₇, 4, 1, 0; 1981 EX₈, 20, 4, 3; 1981 EU₉, 4, 1, 0; 1981 EE₁₁, 5, 1, 0; 1981 EQ₁₁, 8, 2, 1; 1981 ET₁₁, 5, 1, 0; 1981 EB₁₆, 5, 1, 0; 1981 EL₁₈, 5, 1, 0; 1981 ER₁₈, 5, 1, 0; 1981 EA₁₉, 5, 1, 0; 1981 EF₁₉, 4, 1, 0; 1981 EZ₁₉, 17, 3, 2; 1981 ET₂₃, 5, 1, 0; 1981 EH₂₇, 10, 2, 3; 1981 EK₂₇, 5, 1, 0; 1981 ES₂₇, 10, 2, 3; 1981 EZ₂₈, 5, 1, 0; 1981 EB₃₀, 8, 2, 17; 1981 EJ₃₀, 10, 2, 1; 1981 EQ₃₀, 10, 2, 1; 1981 EA₃₂, 5, 1, 0; 1981 EZ₃₂, 7, 2, 5; 1981 ES₃₃, 5, 1, 0; 1981 EO₃₅, 4, 1, 0; 1981 EE₃₆, 8, 2, 12; 1981 EP₃₆, 3, 1, 0; 1981 EY₃₉, 9, 2, 3; 1981 EX₄₀, 5, 1, 0; 1981 EN₄₅, 10, 2, 3; 1981 EW₄₆, 13, 3, 3; 1981 ES₄₇, 4, 1, 0; 1981 QG₃, 5, 1, 0; 1981 QO₃, 11, 3, 5; 1981 SE₇, 10, 2, 4; 1981 UB₂₃, 5, 1, 0; 1981 UZ₂₄, 4, 1, 0; 1982 BU, 4, 1, 0; 1982 UA₆, 4, 1, 0; 1982 US₆, 6, 2, 3; 1982 UF₈, 10, 2, 3; 1982 UH₉, 9, 2, 3; 1982 VK₄, 8, 2, 4; 1982 YM₁, 5, 1, 0; 1983 QR, 5, 1, 0; 1983 RH₃, 5, 1, 0; 1983 RT₃, 10, 2, 3; 1983 RS₄, 5, 1, 0; 1983 VD₇, 5, 1, 0; 1984 DM, 15, 3, 11; 1984 SZ₅, 6, 2, 3; 1984 SG₆, 4, 1, 0; 1985 CD₂, 18, 4, 11; 1985 PC, 10, 2, 3; 1985 RA, 5, 1, 0; 1985 TA₁, 4, 1, 0; 1986 PY, 10, 2, 3; 1986 PV₆, 9, 2, 3; 1986 QD₁, 3, 1, 0; 1986 QE₁, 3, 1, 0; 1986 QW₁, 9, 2, 3; 1986 QJ₂, 5, 1, 0; 1986 QV₂, 10, 2, 1; 1986 QC₃, 9, 2, 3; 1986 QK₃, 5, 1, 0; 1986 RE₅, 3, 1, 0; 1986 SH₅, 1, 0; 1986 TD, 5, 1, 0; 1986 TV₃, 5, 1, 0; 1986 WQ, 10, 2, 4; 1986 XD₅, 9, 2, 3; 1987 BB₂, 15, 3, 3; 1987 DL₆, 8, 2, 8; 1987 QH₇, 8, 2, 4; 1987 QY₇, 5, 1, 0; 1987 RR, 5, 1, 0; 1987 SH₄, 8, 2, 3; 1988 AX₁, 5, 1, 0; 1988 BG, 10, 2, 5; 1988 CJ₄, 10, 2, 1; 1988 CR₄, 3, 1, 0; 1988 CS₄, 4, 1, 0; 1988 CX₄, 4, 1, 0; 1988 CN₅, 5, 1, 0; 1988 CO₇, 4, 1, 0; 1988 DE₃, 5, 1, 0; 1988 EK, 5, 1, 0; 1988 QF, 4, 1, 0; 1988 QR, 5, 1, 0; 1988 RO₆, 14, 3, 12; 1988 RL₁₂, 19, 3, 3; 1988 SU₁, 10, 2, 3; 1988 SG₂, 3, 1, 0; 1988 TR₂, 5, 1, 0; 1988 TR₃, 10, 2, 3; 1988 WA, 7, 2, 4; 1988 XV₁, 10, 2, 2; 1989 AO, 10, 2, 14; 1989 CH₅, 5, 1, 0; 1989 GK₂, 5, 1, 0; 1989 GV₆, 10, 2, 3; 1989 RY₁, 5, 1, 0; 1989 ST, 4, 1, 0; 1989 SB₁, 5, 1, 0; 1989 SM₁, 19, 4, 3; 1989 SC₃, 10, 2, 5; 1989 SK₄, 10, 2, 3; 1989 SC₈, 4, 1, 0; 1989 SM₈, 19, 4, 57; 1989 SX₉, 13, 3, 481; 1989 TR₂, 14, 3, 14; 1989 TW₄, 10, 2, 5; 1989 TX₁₁, 5, 1, 0; 1989 TN₁₅, 8, 2, 11; 1989 UG, 10, 2, 4; 1989 UA₁, 5, 1, 0; 1989 UB₇, 7, 2, 3; 1989 WA₁, 5, 1, 0; 1989 WZ₁, 13, 3, 5; 1989 XW₁, 4, 1, 0; 1989 YH₈, 8, 2, 12; 1990 DU₄, 4, 1, 0; 1990 EJ, 10, 2, 3; 1990 EX₁, 5, 1, 0; 1990 EK₂, 5, 1, 0; 1990 ES₂, 8, 2, 3; 1990 GS, 5, 1, 0; 1990 HW, 5, 1, 0; 1990 HZ₁, 7, 2, 4; 1990 OY, 5, 1, 0; 1990 OG₄, 10, 2, 3; 1990 QH₃, 3, 1, 0; 1990 QE₄, 8, 2, 3; 1990 QY₅, 8, 2, 12; 1990 QP₆, 4, 1, 0; 1990 RK₁, 7, 2, 4; 1990 RU, 6, 2, 3; 1990 RU₉, 10, 2, 3; 1990 SE₃, 5, 1, 0; 1990 SS₃, 5, 1, 0; 1990 SY₃, 4, 1, 0; 1990 SF₄, 5, 1, 0; 1990 SO₈, 8, 2, 3; 1990 SN₉, 3, 1, 0; 1990 TG₁, 8, 2, 2; 1990 TY₁, 5, 1, 0; 1990 TH₃, 33, 7, 581; 1990 TX₃, 9, 2, 5; 1990 TU₄, 10, 2, 12; 1990 TC₉, 10, 2, 1; 1990 TE₁₃, 4, 1, 0; 1990 UH₄, 10, 2, 2; 1990 UO₄, 4, 1, 0; 1990 VV₂, 5, 1, 0; 1990 VO₄, 8, 2, 4; 1990 WG₁, 24, 4, 14; 1990 WU₁, 8, 2, 3; 1991 CG, 14, 3, 413; 1991 EL, 4, 1, 0; 1991 EF₂, 5, 1, 0; 1991 FU₃, 5, 1, 0; 1991 GP₃, 10, 2, 3; 1991 GV₃, 10, 2, 3; 1991 GA₄, 5, 1, 0; 1991 GU₄, 10, 2, 5; 1991 GB₇, 4, 1, 0; 1991 GW₁₀, 10, 2, 4; 1991 GB₁₁, 13, 3, 531; 1991 JV, 4, 1, 0; 1991 LO₁, 4, 1, 0; 1991 LL₂, 10, 2, 3; 1991 NC₁, 5, 1, 0; 1991 OR, 8, 2, 7; 1991 PC₁, 13, 3, 34; 1991 PG₁, 5, 1, 0; 1991 PZ₁, 5, 1, 0; 1991 PX₆, 9, 2, 3; 1991 PU₉, 5, 1, 0; 1991 PT₁₀, 5, 1, 0; 1991 PL₁₆, 4, 1, 0; 1991 PH₁₈, 9, 2, 1; 1991 RP, 4, 1, 0; 1991 RL₂, 5, 1, 0; 1991 RY₂, 3, 1, 0; 1991 RK₃, 19, 4, 13; 1991 RR₃, 4, 1, 0; 1991 RQ₅, 2, 13; 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9, 2, 13; 1993 FM₃₇, 9, 2, 28; 1993 FE₃₈, 5, 1, 0; 1993 FZ₄₁, 10, 2, 3; 1993 FB₄₂, 10, 2, 3; 1993 FQ₄₃, 9, 2, 3; 1993 FR₄₅, 5, 1, 0; 1993 FV₄₅, 5, 1, 0; 1993 FP₄₈, 7, 2, 1; 1993 FN₄₉, 9, 2, 3; 1993 FU₄₉, 10, 2, 3; 1993 FW₄₉, 9, 2, 3; 1993 FB₅₂, 3, 1, 0; 1993 FY₈₀, 5, 1, 0; 1993 FW₈₁, 4, 1, 0; 1993 GH₁₁, 10, 2, 2; 1993 HO₂, 5, 1, 0; 1993 LE₁, 10, 2, 3; 1993 LJ₁, 10, 2, 4; 1993 LR₁, 8, 2, 4; 1993 MR, 4, 1, 0; 1993 MT, 9, 2, 3; 1993 MZ, 12, 3, 11; 1993 PV₃, 5, 1, 0; 1993 PU₇, 4, 1, 0; 1993 QU, 10, 2, 3; 1993 QF₁, 9, 2, 3; 1993 QP₃, 3, 1, 0; 1993 QP₆, 10, 2, 3; 1993 QZ₇, 4, 1, 0; 1993 QG₈, 10, 3, 22; 1993 QS₉, 14, 3, 3; 1993 RT₅, 13, 3, 4; 1993 RG₁₃, 5, 1, 0; 1993 SE₃, 4, 1, 0; 1993 SV₅, 4, 1, 0; 1993 SA₆, 5, 1, 0; 1993 SO₇, 15, 3, 3; 1993 SB₁₄, 10, 2, 7; 1993 SH₁₅, 8, 2, 4; 1993 TQ₁, 3, 1, 0; 1993 TJ₂, 19, 3, 3; 1993 TA₁₅, 10, 2, 5; 1993 TM₁₅, 3, 1, 0; 1993 TA₁₆, 21, 4, 5; 1993 TH₂₀, 4, 1, 0; 1993 TM₂₀, 4, 1, 0; 1993 TJ₂₁, 9, 2, 2; 1993 TP₂₂, 7, 2, 26; 1993 TL₂₄, 10, 2, 14; 1993 TY₂₄, 9, 2, 3; 1993 TD₂₈, 9, 2, 1; 1993 TF₃₀, 4, 1, 0; 1993 TN₃₀, 8, 2, 3; 1993 TJ₃₁, 10, 2, 3; 1993 TQ₃₂, 7, 2, 4; 1993 TX₃₃, 4, 1, 0; 1993 TF₃₄, 15, 3, 15; 1993 TG₃₇, 10, 2, 31; 1993 TX₃₈, 4, 1, 0; 1993 UK, 10, 2, 3; 1993 UY₂, 5, 1, 0; 1993 UQ₄, 3, 1, 0; 1993 UW₆, 10, 2, 3; 1993 XW, 3, 1, 0; 1994 AH₆, 10, 2, 1; 1994 AV₁₀, 5, 1, 0; 1994 AX₁₀, 8, 2, 30; 1994 AY₁₀, 8, 2, 3; 1994 CO₁, 14, 3, 11; 1994 CZ₅, 12, 2, 3; 1994 CF₁₀, 20, 3, 3; 1994 CN₁₀, 10, 2, 5; 1994 CZ₁₁, 13, 3, 3; 1994 CM₁₂, 10, 2, 3; 1994 CS₁₃, 5, 1, 0; 1994 CT₁₃, 4, 1, 0; 1994 CY₁₆, 4, 1, 0; 1994 EL, 10, 2, 1; 1994 ES, 3, 1, 0; 1994 EK₁, 10, 2, 4; 1994 EG₃, 8, 2, 9; 1994 EC₅, 17, 4, 34; 1994 ER₅, 9, 2, 5; 1994 EZ₆, 10, 2, 3; 1994 EF₇, 9, 2, 4; 1994 FP, 8, 2, 6; 1994 GK₉, 3, 1, 0; 1994 GV₁₀, 4, 1, 0; 1994 JH₆, 10, 2, 5; 1994 LS, 10, 2, 6; 1994 LT, 9, 2, 3; 1994 NB, 10, 2, 5; 1994 PE₂, 8, 2, 3; 1994 PT₃, 4, 1, 0; 1994 PN₅, 15, 3, 3; 1994 PC₉, 5, 1, 0; 1994 PJ₁₁, 5, 1, 0; 1994 PM₁₁, 9, 2, 472; 1994 PF₁₄, 23, 2, 1; 1994 PN₁₄, 5, 1, 0; 1994 PC₁₅, 13, 3, 11; 1994 PP₁₅, 3, 1, 0; 1994 PV₁₅, 5, 1, 0; 1994 PV₁₈, 4, 1, 0; 1994 PM₂₀, 8, 2, 37; 1994 PM₂₁, 10, 2, 3; 1994 PA₂₃, 4, 1, 0; 1994 PE₂₅, 3, 1, 0; 1994 PY₂₅, 5, 1, 0; 1994 PE₂₆, 24, 5, 13; 1994 PU₂₆, 10, 2, 1; 1994 PW₂₆, 3, 1, 0; 1994 PO₂₇, 4, 1, 0; 1994 PT₂₇, 22, 5, 920; 1994 PA₃₆, 13, 3, 2; 1994 PB₃₈, 5, 1, 0; 1994 PQ₃₉, 4, 1, 0; 1994 QV, 5, 1, 0; 1994 RX₈, 10, 2, 3; 1994 SP₉, 5, 1, 0; 1994 TO, 13, 3, 24; 1994 TH₁, 10, 2, 3; 1994 TN₁, 9, 2, 3; 1994 TO₂, 9, 2, 4; 1994 TD₃, 15, 3, 15; 1994 UL, 4, 1, 0; 1994 UP₈, 10, 2, 3; 1994 VR, 9, 2, 4; 1994 VS₁, 5, 1, 0; 1994 VU, 5, 1, 0; 1994 VU₂, 8, 2, 4; 1994 WO, 10, 2, 4; 1994 WF₁, 10, 2, 3; 1994 WS₁, 5, 1, 0; 1994 WM₂, 9, 2, 3; 1994 YG, 9, 2, 3; 1994 YL, 9, 2, 2; 1994 YB₁, 13, 3, 4; 1994 YF₁, 3, 1, 0; 1995 AA, 5, 1, 0; 1995 AS, 2, 4, 1, 0; 1995 BX, 4, 1, 0; 1995 BE₂, 5, 1, 0; 1995 CB, 5, 1, 0; 1995 CC, 5, 1, 0; 1995 DP₃, 5, 1, 0; 1995 EN₅, 5, 1, 0; 1995 FM₁₁, 5, 1, 0; 1995 FY₂₀, 3, 1, 0; 1995 ME₄, 20, 4, 4; 1995 OB, 5, 1, 0; 1995 OR, 3, 1, 0; 1995 OC₄, 11, 3, 3; 1995 OE₅, 5, 1, 0; 1995 QT₃, 3, 1, 0; 1995 QC₄, 4, 1, 0; 1995 QW₅, 5, 1, 0; 1995 QB₁₀, 4, 1, 0; 1995 SJ₁, 5, 1, 0; 1995 SA₂, 9, 2, 3; 1995 SK₂, 9, 2, 2; 1995 SC₃, 3, 1, 0; 1995 SH₄, 9, 2, 4; 1995 SN₄, 3, 1, 0; 1995 SY₇, 4, 1, 0; 1995 SF₁₇, 9, 2, 3; 1995 SM₁₉, 9, 2, 521; 1995 SE₂₄, 15, 3, 44; 1995 SY₂₉, 23, 5, 79; 1995 SB₃₁, 3, 1, 0; 1995 SS₅₂, 5, 1, 0; 1995 SX₅₃, 9, 2, 3; 1995 TO₁, 23, 4, 5; 1995 UM₃, 5, 1, 0; 1995 UX₃, 5, 1, 0; 1995 UQ₄, 4, 1, 0; 1995 UC₅, 6, 2, 1; 1995 UY₅, 10, 2, 3; 1995 UG₆, 4, 1, 0; 1995 UR₆, 17, 4, 975; 1995 UG₇, 9, 2, 4; 1995 UF₈, 4, 1, 0; 1995 UB₁₃, 9, 2, 5; 1995 UB₁₅, 5, 1, 0; 1995 UN₁₅, 9, 2, 13; 1995 UB₂₁, 4, 1, 0; 1995 UD₃₄, 9, 2, 3; 1995 UJ₃₇, 9, 2, 4; 1995 UO₄₄, 10, 2, 2; 1995 UE₄₅, 10, 2, 14; 1995 UQ₄₆, 5, 1, 0; 1995 UC₄₇, 4, 1, 0; 1995 VJ, 5, 1, 0; 1995 VQ₁, 9, 2, 3; 1995 VR₃, 9, 2, 3; 1995 VX₄, 7, 2, 3; 1995 VG₁₀, 5, 1, 0; 1995 VG₁₁, 10, 2, 3; 1995 VR₁₁, 10, 2, 3; 1995 VF₁₃, 3, 1, 0; 1995 WK₁, 5, 1, 0; 1995 WZ₁, 5, 1, 0; 1995 WA₃, 12, 3, 5; 1995 WJ₃, 3, 1, 0; 1995 WM₄, 10, 2, 3; 1995 WF₅, 10, 2, 5; 1995 WN₇, 3, 1, 0; 1995 WZ₇, 4, 1, 0; 1995 WA₁₃, 4, 1, 0; 1995 WA₂₀, 14, 3, 32; 1995 WE₂₀, 5, 1, 0; 1995 WS₃₃, 6, 2, 3; 1995 WH₄₀, 4, 1, 0; 1995 WL₄₂, 14, 3, 11; 1995 WX₄₂, 9, 2, 5; 1995 XK₁

0; 1996 WS₂, 14, 3, 3; 1996 WZ₂, 3, 1, 0; 1996 WA₃, 5, 1, 0; 1996 XH, 14, 3, 3; 1996 XK₁, 9, 2, 1; 1996 XM₁, 8, 2, 12; 1996 XO₁, 4, 1, 0; 1996 XT₂, 9, 2, 3; 1996 XA₃, 5, 1, 0; 1996 XL₃, 15, 3, 27; 1996 XK₅, 5, 1, 0; 1996 XL₅, 10, 2, 1; 1996 XN₅, 4, 1, 0; 1996 XP₅, 10, 2, 3; 1996 XQ₅, 3, 1, 0; 1996 XK₆, 7, 2, 3; 1996 XN₆, 9, 2, 1; 1996 XK₇, 13, 3, 11; 1996 XE₉, 5, 1, 0; 1996 XG₁₀, 4, 1, 0; 1996 XF₁₂, 18, 3, 13; 1996 XP₁₂, 10, 2, 3; 1996 XC₁₅, 8, 2, 3; 1996 XO₁₅, 10, 2, 3; 1996 XQ₁₇, 22, 5, 551; 1996 XG₁₉, 4, 1, 0; 1996 XL₁₉, 12, 3, 534; 1996 XU₁₉, 14, 3, 11; 1996 XX₂₀, 3, 1, 0; 1996 XJ₂₁, 3, 1, 0; 1996 XS₂₃, 19, 4, 6; 1996 XQ₂₅, 3, 1, 0; 1996 XD₂₆, 3, 1, 0; 1996 XZ₂₆, 8, 2, 3; 1996 XA₃₁, 23, 4, 4; 1996 XD₃₁, 10, 2, 3; 1996 XD₃₂, 5, 1, 0; 1996 XN₃₂, 4, 1, 0; 1996 XU₃₂, 5, 1, 0; 1996 YH, 5, 1, 0; 1996 YX, 8, 2, 5; 1996 YZ, 13, 3, 4; 1996 YC₁, 10, 2, 1; 1996 YR₁, 4, 1, 0; 1996 YA₂, 18, 4, 13; 1996 YL₃, 13, 3, 3; 1997 AD, 10, 2, 3; 1997 AO, 4, 1, 0; 1997 AW, 7, 2, 3; 1997 AE₁, 3, 1, 0; 1997 AH₁, 3, 1, 0; 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1997 EH, 5, 1, 0; 1997 EJ, 10, 2, 5; 1997 EN₄, 8, 2, 3; 1997 ES₄, 13, 3, 496; 1997 ED₅, 3, 1, 0; 1997 EN₅, 5, 1, 0; 1997 ER₅, 4, 1, 0; 1997 EX₇, 10, 2, 3; 1997 ED₈, 8, 2, 12; 1997 EH₁₁, 7, 2, 4; 1997 EK₁₁, 4, 1, 0; 1997 EH₁₃, 12, 3, 3; 1997 EH₁₅, 8, 2, 12; 1997 EL₁₆, 10, 2, 3; 1997 EG₁₈, 3, 1, 0; 1997 ED₂₃, 5, 1, 0; 1997 EM₂₃, 10, 2, 5; 1997 EP₂₅, 6, 2, 3; 1997 ER₂₅, 6, 2, 4; 1997 EL₂₈, 8, 2, 5; 1997 EO₃₀, 5, 1, 0; 1997 EA₃₆, 10, 2, 1; 1997 EP₃₉, 15, 3, 5; 1997 EG₄₁, 10, 2, 4; 1997 ES₄₂, 5, 1, 0; 1997 EU₄₂, 14, 3, 3; 1997 EX₄₂, 8, 2, 12; 1997 EH₄₆, 13, 3, 3; 1997 EQ₄₆, 10, 2, 4; 1997 EU₄₆, 7, 2, 3; 1997 EM₄₇, 10, 2, 5; 1997 EM₄₈, 4, 1, 0; 1997 FJ, 10, 2, 3; 1997 FE₁, 5, 1, 0; 1997 FJ₁, 4, 1, 0; 1997 FO₁, 3, 1, 0; 1997 FY₁, 17, 4, 13; 1997 FD₃, 10, 2, 2; 1997 FG₃, 5, 1, 0; 1997 FM₃, 10, 2, 4; 1997 FZ₄, 8, 2, 3; 1997 FA₅, 15, 3, 20; 1997 FB₅, 4, 1, 0; 1997 GC, 9, 2, 3; 1997 GN₁, 3, 1, 0; 1997 GT₁, 4, 1, 0; 1997 GE₂, 3, 1, 0; 1997 GU₃, 5, 1, 0; 1997 GH₄, 4, 1, 0; 1997 GP₇, 9, 2, 497; 1997 GY₈, 4, 1, 0; 1997 GF₉, 5, 1, 0; 1997 GR₉, 5, 1, 0; 1997 GE₁₁, 8, 2, 24; 1997 GY₁₂, 7, 2, 3; 1997 GX₁₄, 3, 1, 0; 1997 GJ₁₆, 5, 1, 0; 1997 GK₁₆, 15, 3, 3; 1997 GP₁₆, 4, 1, 0; 1997 GX₁₆, 8, 2, 5; 1997 GL₁₇, 3, 1, 0; 1997 GM₁₇, 5, 1, 0; 1997 GT₁₇, 8, 2, 13; 1997 GN₁₈, 4, 1, 0; 1997 GC₂₁, 4, 1, 0; 1997 GH₂₁, 4, 1, 0; 1997 GM₂₁, 9, 2, 3; 1997 GX₂₁, 9, 2, 3; 1997 GL₂₂, 4, 1, 0; 1997 GS₂₂, 9, 2, 3; 1997 GT₂₂, 10, 2, 3; 1997 GZ₂₂, 5, 1, 0; 1997 GF₂₃, 3, 1, 0; 1997 GN₂₃, 4, 1, 0; 1997 GP₂₃, 9, 2, 3; 1997 GU₂₃, 9, 2, 882; 1997 GP₂₄, 5, 1, 0; 1997 GR₂₅, 4, 1, 0; 1997 GB₂₆, 5, 1, 0; 1997 GB₃₀, 9, 2, 5; 1997 GV₃₂, 5, 1, 0; 1997 GW₃₂, 3, 1, 0; 1997 GX₃₂, 23, 3, 3; 1997 GP₃₃, 10, 2, 3; 1997 GL₃₄, 3, 1, 0; 1997 GQ₃₄, 4, 1, 0; 1997 GW₃₄, 3, 1, 0; 1997 GN₃₅, 9, 2, 3; 1997 GS₃₅, 5, 1, 0; 1997 GC₃₆, 10, 2, 915; 1997 HH₃₆, 9, 2, 4; 1997 GP₄₀, 5, 1, 0; 1997 GT₄₀, 10, 2, 3; 1997 GM₄₁, 5, 1, 0; 1997 GE₄₂, 14, 3, 4; 1997 HE, 4, 1, 0; 1997 HT, 12, 3, 3; 1997 HA₁, 5, 1, 0; 1997 HO₁, 8, 2, 3; 1997 HE₂, 9, 1, 0; 1997 HX₆, 5, 1, 0; 1997 HY₆, 5, 1, 0; 1997 HL₁₀, 4, 1, 0; 1997 HR₁₀, 5, 1, 0; 1997 JQ, 3, 1, 0; 1997 JU₃, 16, 4, 4; 1997 JZ₇, 5, 1, 0; 1997 JR₉, 28, 6, 445; 1997 JA₁₁, 5, 1, 0; 1997 JP₁₁, 13, 3, 915; 1997 JA₁₂, 2, 1, 0; 1997 JF₁₂, 4, 1, 0; 1997 JN₁₂, 10, 2, 3; 1997 JH₁₃, 9, 2, 4; 1997 JO₁₃, 9, 2, 5; 1997 JD₁₄, 4, 1, 0; 1997 JR₁₅, 7, 2, 3; 1997 JG₁₆, 10, 2, 2; 1997 KA, 4, 1, 0; 1997 KG, 3, 1, 0; 1997 LB₁, 9, 2, 6; 1997 LN₂, 3, 1, 0; 1997 LA₃, 3, 1, 0; 1997 LV₃, 3, 1, 0; 1997 MJ, 4, 1, 0; 1997 MM₃, 10, 2, 50; 1997 MS₄, 8, 2, 4; 1997 MT₄, 10, 2, 13; 1997 MV₄, 8, 2, 4; 1997 MQ₆, 9, 2, 1; 1997 MP₉, 9, 2, 4; 1997 NA₃, 5, 1, 0; 1997 OA, 15, 2, 3; 1997 OJ, 10, 2, 3; 1997 PC₁, 5, 1, 0; 1997 QO₁, 3, 1, 0; 1997 QB₃, 12, 3, 61; 1997 QC₃, 4, 1, 0; 1997 QL₃, 4, 1, 0; 1997 SV₁₄, 5, 1, 0; 1997 SZ₂₃, 4, 1, 0; 1997 SH₂₅, 4, 1, 0; 1997 SF₂₈, 5, 1, 0; 1997 SY₃₂, 4, 1, 0; 1997 TY₉, 3, 1, 0; 1997 TB₁₂, 4, 1, 0; 1997 TK₁₈, 4, 1, 0; 1997 TM₂₆, 5, 1, 0; 1997 TA₂₈, 14, 3, 4; 1997 UT₂, 5, 1, 0; 1997 UH₂₆, 5, 1, 0; 1997 WD₈, 10, 2, 27; 1997 WB₁₆, 4, 1, 0; 1997 WO₂₁, 9, 2, 23; 1997 WJ₃₇, 5, 1, 0; 1997 WL₄₆, 9, 2, 25; 1997 WO₄₇, 4, 1, 0; 1997 XK₁, 4, 1, 0; 1997 XT₄, 5, 1, 0; 1997 XV₄, 10, 2, 3; 1997 XE₁₁, 4, 1, 0; 1997 YF₂, 12, 3, 49; 1997 YC₂, 5, 1, 0; 1997 YZ₃, 4, 1, 0; 1997 YE₄, 4, 1, 0; 1997 YR₄, 4, 1, 0; 1997 YV₅, 10, 2, 5; 1997 YY₁₀, 3, 1, 0; 1997 YM₁₀, 8, 2, 3; 1998 AC₁, 3, 1, 0; 1998 AT₄, 14, 3, 618; 1998 AX₄, 4, 1, 0; 1998 AF₆, 12, 3, 60; 1998 BO, 10, 2, 3; 1998 BP₂, 15, 3, 3; 1998 BY₂, 4, 1, 0; 1998 BA₃, 8, 2, 533; 1998 BB₄, 5, 1, 0; 1998 BU₆, 10, 2, 1; 1998 BC₈, 5, 1, 0; 1998 BL₈, 10, 2,

3; 1998 BK₉, 5, 1, 0; 1998 BP₁₀, 5, 1, 0; 1998 BS₁₀, 9, 2, 3; 1998 BQ₁₃, 10, 2, 3; 1998 BW₂₃, 5, 1, 0; 1998 BK₂₅, 4, 1, 0; 1998 BB₂₆, 8, 2, 4; 1998 BH₂₆, 5, 1, 0; 1998 BB₃₀, 4, 1, 0; 1998 BG₃₁, 5, 1, 0; 1998 BX₃₂, 9, 2, 31; 1998 BK₃₃, 4, 1, 0; 1998 BQ₃₃, 3, 1, 0; 1998 BX₃₃, 3, 1, 0; 1998 BH₃₅, 9, 2, 46; 1998 BT₃₅, 10, 2, 4; 1998 BC₄₄, 4, 1, 0; 1998 BO₄₈, 9, 2, 3; 1998 CW₁, 4, 1, 0; 1998 CW₂, 5, 1, 0; 1998 CX₂, 4, 1, 0; 1998 CG₃, 13, 3, 3; 1998 CV₃, 5, 1, 0; 1998 CW₄, 5, 1, 0; 1998 CC₅, 10, 2, 4; 1998 DF, 9, 2, 1; 1998 DN₅, 5, 1, 0; 1998 DG₆, 4, 1, 0; 1998 DM₆, 4, 1, 0; 1998 DQ₇, 14, 3, 3; 1998 DR₇, 5, 1, 0; 1998 DF₉, 10, 2, 5; 1998 DE₁₀, 5, 1, 0; 1998 DQ₁₀, 10, 2, 1; 1998 DC₁₄, 10, 2, 3; 1998 DE₁₄, 8, 2, 3; 1998 DF₁₅, 5, 1, 0; 1998 DJ₁₅, 5, 1, 0; 1998 DL₁₅, 10, 2, 3; 1998 DP₁₆, 4, 1, 0; 1998 DD₁₈, 8, 2, 1; 1998 DJ₂₀, 9, 2, 4; 1998 DB₂₃, 4, 1, 0; 1998 DQ₂₇, 3, 1, 0; 1998 DV₂₇, 7, 2, 3; 1998 DX₂₇, 3, 1, 0; 1998 DH₂₈, 5, 1, 0; 1998 DN₂₈, 5, 1, 0; 1998 DG₃₄, 9, 2, 4; 1998 DC₃₅, 9, 2, 1; 1998 DN₃₅, 4, 1, 0; 1998 DS₃₅, 5, 1, 0; 1998 ER₁, 15, 3, 3; 1998 EY₁, 5, 1, 0; 1998 EC₂, 5, 1, 0; 1998 EL₂, 10, 2, 2; 1998 EO₂, 5, 1, 0; 1998 EL₃, 4, 1, 0; 1998 ET₃, 4, 1, 0; 1998 EF₄, 5, 1, 0; 1998 EM₅, 5, 1, 0; 1998 EN₅, 9, 2, 13; 1998 EZ₅, 4, 1, 0; 1998 EF₆, 5, 1, 0; 1998 ES₆, 4, 1, 0; 1998 EX₇, 3, 1, 0; 1998 ED₈, 4, 1, 0; 1998 EK₈, 10, 2, 3; 1998 EL₈, 10, 2, 1; 1998 EY₉, 4, 1, 0; 1998 EZ₁₀, 8, 2, 3; 1998 EJ₁₁, 8, 2, 3; 1998 ET₁₁, 8, 2, 5; 1998 EE₁₂, 10, 2, 4; 1998 EG₁₂, 10, 2, 4; 1998 EU₁₂, 4, 1, 0; 1998 EW₁₂, 5, 1, 0; 1998 ED₁₃, 9, 2, 4; 1998 EQ₁₃, 5, 1, 0; 1998 EV₁₃, 4, 1, 0; 1998 EA₁₄, 21, 5, 12; 1998 EF₁₄, 10, 1, 0; 1998 ET₁₄, 10, 2, 15; 1998 FK₁, 4, 1, 0; 1998 FS₁, 8, 2, 1; 1998 FY₁, 10, 2, 3; 1998 FE₃, 3, 1, 0; 1998 FF₄, 8, 2, 12; 1998 FG₄, 3, 1, 0; 1998 FB₅, 5, 1, 0; 1998 FM₅, 5, 1, 0; 1998 FK₁₁, 5, 1, 0; 1998 FU₁₁, 15, 3, 3; 1998 FB₁₂, 10, 2, 3; 1998 FC₁₂, 5, 1, 0; 1998 FP₁₃, 5, 1, 0; 1998 FS₁₃, 10, 2, 4; 1998 FH₁₅, 4, 1, 0; 1998 FQ₁₅, 5, 1, 0; 1998 FV₁₅, 10, 2, 3; 1998 FA₁₆, 10, 2, 3; 1998 FB₁₆, 7, 2, 3; 1998 FK₁₆, 4, 1, 0; 1998 FN₁₇, 4, 1, 0; 1998 FK₁₈, 5, 1, 0; 1998 FU₂₂, 12, 3, 3; 1998 FN₂₅, 5, 1, 0; 1998 FP₂₆, 10, 2, 3; 1998 FR₂₆, 5, 1, 0; 1998 FA₂₇, 4, 1, 0; 1998 FH₂₇, 9, 2, 15; 1998 FZ₂₉, 9, 2, 1; 1998 FD₃₀, 8, 2, 11; 1998 FZ₃₀, 8, 2, 3; 1998 FS₃₃, 4, 1, 0; 1998 FB₃₄, 4, 1, 0; 1998 FO₃₄, 8, 2, 3; 1998 FH₃₅, 3, 1, 0; 1998 FM₃₆, 4, 1, 0; 1998 FW₃₆, 11, 3, 3; 1998 FA₃₈, 9, 2, 949; 1998 FC₃₈, 3, 1, 0; 1998 FD₃₈, 3, 1, 0; 1998 FA₄₀, 10, 2, 3; 1998 FB₄₀, 10, 2, 29; 1998 FN₄₀, 10, 2, 3; 1998 FP₄₀, 14, 3, 3; 1998 FE₄₁, 15, 3, 3; 1998 FY₄₁, 11, 3, 4; 1998 FJ₄₂, 3, 1, 0; 1998 FQ₄₂, 10, 2, 3; 1998 FU₄₂, 9, 2, 1; 1998 FF₄₃, 5, 1, 0; 1998 FL₄₃, 8, 2, 4; 1998 FN₄₃, 10, 2, 3; 1998 FF₄₄, 5, 1, 0; 1998 FO₄₄, 5, 1, 0; 1998 FG₄₅, 15, 2, 3; 1998 FW₄₅, 10, 2, 3; 1998 FY₄₅, 5, 1, 0; 1998 FD₄₆, 5, 1, 0; 1998 FK₄₆, 5, 1, 0; 1998 FF₄₆, 5, 1, 0; 1998 FZ₄₆, 13, 3, 13; 1998 FK₄₇, 8, 2, 4; 1998 FM₄₇, 3, 1, 0; 1998 FO₄₇, 5, 1, 0; 1998 FF₄₇, 9, 2, 59; 1998 FX₄₉, 10, 2, 3; 1998 FK₅₀, 4, 1, 0; 1998 FL₅₀, 9, 2, 3; 1998 FW₅₀, 10, 2, 4; 1998 FW₅₁, 3, 1, 0; 1998 FD₅₂, 7, 2, 4; 1998 FR₅₂, 5, 1, 0; 1998 FY₅₂, 5, 1, 0; 1998 FN₅₃, 4, 1, 0; 1998 FP₅₃, 4, 1, 0; 1998 FH₅₅, 20, 3, 2; 1998 FN₅₅, 12, 3, 12; 1998 FZ₅₅, 9, 2, 12; 1998 FF₅₇, 15, 3, 3; 1998 FJ₅₇, 7, 2, 3; 1998 FL₅₇, 5, 1, 0; 1998 FO₅₇, 21, 5, 71; 1998 FZ₅₇, 5, 1, 0; 1998 FG₅₈, 9, 2, 4; 1998 FW₅₈, 13, 3, 583; 1998 FX₅₈, 10, 2, 3; 1998 FJ₅₉, 10, 2, 23; 1998 FQ₅₉, 10, 2, 3; 1998 FU₅₉, 4, 1, 0; 1998 FW₅₉, 6, 2, 4; 1998 FH₆₀, 12, 3, 11; 1998 FG₆₁, 9, 2, 3; 1998 FP₆₁, 4, 1, 0; 1998 FB₆₂, 5, 1, 0; 1998 FD₆₂, 9, 2, 4; 1998 FE₆₂, 9, 2, 3; 1998 FL₆₂, 8, 2, 2; 1998 FS₆₃, 9, 2, 4; 1998 FT₆₃, 12, 1, 0; 1998 FF₆₄, 5, 1, 0; 1998 FP₆₄, 4, 1, 0; 1998 FD₆₅, 8, 2, 1; 1998 FE₆₅, 5, 1, 0; 1998 FK₆₅, 10, 2, 2; 1998 FR₆₅, 15, 3, 11; 1998 FS₆₅, 5, 1, 0; 1998 FT₆₅, 10, 2, 3; 1998 FV₆₅, 4, 1, 0; 1998 FF₆₆, 4, 1, 0; 1998 FQ₆₆, 32, 7, 529; 1998 FB₆₇, 10, 2, 3; 1998 FE₆₇, 15, 2, 3; 1998 FK₆₇, 24, 3, 3; 1998 FU₆₇, 9, 2, 1; 1998 FZ₆₇, 4, 1, 0; 1998 FC₆₈, 4, 1, 0; 1998 FJ₆₈, 3, 1, 0; 1998 FW₆₈, 3, 1, 0; 1998 FA

1998 GD₉, 9, 2, 3; 1998 GE₉, 4, 1, 0; 1998 GF₉, 5, 1, 0; 1998 GP₉, 3, 1, 0; 1998 GW₁₀, 10, 2, 3; 1998 GC₁₁, 4, 1, 0; 1998 GG₁₁, 4, 1, 0; 1998 GP₁₂, 10, 2, 9; 1998 HR, 4, 1, 0; 1998 HX, 14, 3, 10; 1998 HH₃, 5, 1, 0; 1998 HT₃, 4, 1, 0; 1998 HF₄, 8, 2, 5; 1998 HH₄, 5, 1, 0; 1998 HT₄, 14, 3, 13; 1998 HO₅, 5, 1, 0; 1998 HX₅, 5, 1, 0; 1998 HA₆, 10, 2, 5; 1998 HR₆, 13, 3, 586; 1998 HU₆, 5, 1, 0; 1998 HW₆, 5, 1, 0; 1998 HY₆, 9, 2, 4; 1998 HG₇, 5, 1, 0; 1998 HR₇, 5, 1, 0; 1998 HD₈, 5, 1, 0; 1998 HH₈, 2, 5, 48; 1998 HL₈, 3, 1, 0; 1998 HH₉, 3, 1, 0; 1998 HW₉, 8, 2, 480; 1998 HE₁₂, 9, 2, 5; 1998 HQ₁₂, 10, 2, 1; 1998 HS₁₂, 8, 2, 3; 1998 HT₁₂, 10, 2, 5; 1998 HZ₁₂, 4, 1, 0; 1998 HS₁₃, 8, 2, 3; 1998 HB₁₄, 10, 2, 3; 1998 HH₁₄, 5, 1, 0; 1998 HA₁₅, 5, 1, 0; 1998 HK₁₅, 10, 2, 3; 1998 HD₁₇, 10, 2, 1; 1998 HV₁₇, 4, 1, 0; 1998 HY₁₇, 13, 3, 21; 1998 HN₁₈, 13, 3, 10; 1998 HO₁₈, 5, 1, 0; 1998 HW₁₈, 7, 2, 30; 1998 HX₁₈, 4, 1, 0; 1998 HH₁₉, 4, 1, 0; 1998 HK₁₉, 3, 1, 0; 1998 HQ₁₉, 4, 1, 0; 1998 HB₂₀, 4, 1, 0; 1998 HR₂₀, 9, 2, 4; 1998 HX₂₂, 8, 2, 5; 1998 HC₂₃, 5, 1, 0; 1998 HG₂₃, 4, 1, 0; 1998 HD₂₃, 10, 2, 14; 1998 HC₂₄, 3, 1, 0; 1998 HG₂₄, 5, 1, 0; 1998 HP₂₄, 9, 2, 4; 1998 HR₂₄, 5, 1, 0; 1998 HW₂₅, 15, 3, 4; 1998 HG₂₆, 5, 1, 0; 1998 HL₂₇, 13, 3, 10; 1998 HQ₂₇, 4, 1, 0; 1998 HR₂₇, 5, 1, 0; 1998 HA₂₈, 4, 1, 0; 1998 HJ₂₈, 5, 1, 0; 1998 HV₂₉, 4, 1, 0; 1998 HP₂₉, 18, 4, 3; 1998 HF₃₀, 8, 2, 1; 1998 HL₃₀, 10, 2, 4; 1998 HO₃₀, 5, 1, 0; 1998 HY₃₁, 10, 2, 1; 1998 HE₃₂, 10, 2, 3; 1998 HN₃₂, 4, 1, 0; 1998 HU₃₂, 5, 1, 0; 1998 HK₃₃, 8, 2, 12; 1998 HL₃₄, 10, 2, 3; 1998 HR₃₄, 5, 1, 0; 1998 HT₃₄, 10, 2, 3; 1998 HP₃₅, 9, 2, 79; 1998 HQ₃₅, 4, 1, 0; 1998 HY₃₅, 5, 1, 0; 1998 HA₃₆, 4, 1, 0; 1998 HC₃₆, 5, 1, 0; 1998 HK₃₆, 15, 3, 4; 1998 HL₃₆, 9, 2, 3; 1998 HR₃₇, 10, 2, 4; 1998 HE₃₈, 5, 1, 0; 1998 HG₃₈, 7, 2, 3; 1998 HN₃₈, 13, 3, 6; 1998 HR₃₈, 5, 1, 0; 1998 HV₃₈, 5, 1, 0; 1998 HA₃₉, 5, 1, 0; 1998 HG₃₉, 5, 1, 0; 1998 HG₄₀, 10, 2, 3; 1998 HD₄₁, 13, 3, 53; 1998 HO₄₃, 15, 2, 1; 1998 HY₄₃, 9, 2, 3; 1998 HW₄₄, 5, 1, 0; 1998 HX₄₅, 3, 1, 0; 1998 HC₄₆, 4, 1, 0; 1998 HN₄₆, 10, 2, 3; 1998 HJ₄₇, 4, 1, 0; 1998 HN₄₉, 5, 1, 0; 1998 HU₅₀, 7, 2, 1; 1998 HW₅₀, 10, 2, 3; 1998 HX₅₀, 5, 1, 0; 1998 HF₅₁, 10, 2, 12; 1998 HO₅₁, 14, 3, 4; 1998 HR₅₁, 20, 3, 3; 1998 HT₅₁, 8, 2, 3; 1998 HU₅₁, 10, 2, 1; 1998 HW₅₁, 4, 1, 0; 1998 HY₅₁, 4, 1, 0; 1998 HZ₅₁, 5, 1, 0; 1998 HJ₅₂, 4, 1, 0; 1998 HO₅₂, 4, 1, 0; 1998 HA₅₃, 8, 2, 2; 1998 HG₅₃, 10, 2, 3; 1998 HP₅₃, 3, 1, 0; 1998 HB₅₅, 14, 3, 11; 1998 HF₅₆, 5, 1, 0; 1998 HP₅₇, 5, 1, 0; 1998 HE₅₉, 9, 2, 3; 1998 HQ₆₀, 5, 1, 0; 1998 HO₆₂, 4, 1, 0; 1998 HC₆₃, 5, 1, 0; 1998 HV₆₃, 25, 6, 929; 1998 HB₆₇, 10, 2, 3; 1998 HR₆₇, 10, 2, 4; 1998 HQ₆₈, 4, 1, 0; 1998 HS₆₉, 5, 1, 0; 1998 HH₇₇, 9, 2, 3; 1998 HJ₇₇, 5, 1, 0; 1998 HF₇₉, 5, 1, 0; 1998 HL₇₉, 5, 1, 0; 1998 HA₈₀, 4, 1, 0; 1998 HH₈₀, 5, 1, 0; 1998 HL₈₀, 4, 1, 0; 1998 HD₈₂, 4, 1, 0; 1998 HJ₈₂, 5, 1, 0; 1998 HM₈₃, 9, 2, 38; 1998 HD₈₅, 5, 1, 0; 1998 HL₈₆, 9, 2, 5; 1998 HB₈₇, 10, 2, 3; 1998 HD₈₈, 4, 1, 0; 1998 HP₈₈, 10, 2, 4; 1998 HR₈₈, 5, 1, 0; 1998 HB₈₉, 4, 1, 0; 1998 HW₈₉, 4, 1, 0; 1998 HH₉₁, 4, 1, 0; 1998 HL₉₁, 8, 2, 4; 1998 HC₉₂, 9, 2, 3; 1998 HX₉₂, 5, 1, 0; 1998 HZ₉₂, 10, 2, 3; 1998 HA₉₃, 30, 5, 5; 1998 HG₉₃, 5, 1, 0; 1998 HK₉₄, 10, 2, 3; 1998 HC₉₅, 5, 1, 0; 1998 HS₉₅, 5, 1, 0; 1998 HV₉₅, 8, 2, 3; 1998 HC₉₆, 4, 1, 0; 1998 HL₉₆, 5, 1, 0; 1998 HU₉₆, 5, 1, 0; 1998 HV₉₆, 15, 3, 502; 1998 HR₉₇, 3, 1, 0; 1998 HB₉₈, 5, 1, 0; 1998 HF₉₈, 14, 3, 3; 1998 HG₉₈, 5, 1, 0; 1998 HJ₉₈, 5, 1, 0; 1998 HR₉₈, 10, 2, 3; 1998 HB₉₉, 7, 2, 2; 1998 HC₉₉, 4, 1, 0; 1998 HQ₉₉, 7, 2, 29; 1998 HW₉₉, 5, 1, 0; 1998 HY₁₀₀, 10, 2, 3; 1998 HB₁₀₁, 8, 2, 53; 1998 HZ₁₀₁, 4, 1, 0; 1998 HJ₁₀₂, 9, 2, 4; 1998 HO₁₀₂, 9, 2, 11; 1998 HV₁₀₂, 9, 2, 3; 1998 HX₁₀₂, 4, 1, 0; 1998 HB₁₀₃, 5, 1, 0; 1998 HD₁₀₃, 16, 4, 532; 1998 HE₁₀₃, 5, 1, 0; 1998 HZ₁₀₄, 4, 1, 0; 1998 HT₁₀₅, 10, 2, 28; 1998 HT₁₀₅, 7, 2, 19; 1998 HC₁₀₆, 19, 4, 12; 1998 HE₁₀₆, 9, 2, 53; 1998 HS₁₀₆, 5, 1, 0; 1998 HH₁₀₇, 10, 2, 3; 1998 HT₁₀₇, 3, 1, 0; 1998 HV₁₀₇, 5, 1, 0; 1998 HC₁₀₈, 9, 2, 4; 1998 HQ₁₀₈, 9, 2, 25; 1998 HR₁₀₈, 9, 2, 15; 1998 HZ₁₀₉, 5, 1, 0; 1998 HD₁₁₀, 5, 1, 0; 1998 HX₁₁₀, 5, 1, 0; 1998 HA₁₁₁, 5, 1, 0; 1998 HM₁₁₁, 14, 3, 37; 1998 HN₁₁₃, 10, 2, 37; 1998 HB₁₁₄, 15, 3, 3; 1998 HL₁₁₄, 5, 1, 0; 1998 HP₁₁₄, 7, 2, 4; 1998 HM₁₁₅, 5, 1, 0; 1998 HO₁₁₆, 4, 1, 0; 1998 HK₁₁₇, 8, 2, 13; 1998 HM₁₁₇, 9, 2, 1; 1998 HO₁₁₇, 9, 2, 4; 1998 HQ₁₁₇, 20, 3, 3; 1998 HU₁₁₇, 5, 1, 0; 1998 HV₁₁₇, 9, 2, 37; 1998 HC₁₁₈, 9, 2, 1; 1998 HG₁₁₈, 3, 1, 0; 1998 HO₁₁₉, 5, 1, 0; 1998 HR₁₁₉, 14, 3, 589; 1998 HS₁₁₉, 10, 2, 3; 1998 HU₁₁₉, 9, 2, 32; 1998 HW₁₁₉, 8, 2, 3; 1998 HT₁₂₀, 5, 1, 0; 1998 HW₁₂₀, 5, 1, 0; 1998 HC₁₂₁, 4, 1, 0; 1998 HP₁₂₁, 22, 5, 47; 1998 HQ₁₂₁, 13, 3, 3; 1998 HR₁₂₂, 9, 2, 3; 1998 HA₁₂₃, 33, 7, 42; 1998 HD₁₂₃, 5, 1, 0; 1998 HE₁₂₃, 18, 4, 5; 1998 HG₁₂₃, 4, 1, 0; 1998 HN₁₂₃, 5, 1, 0; 1998 HN₁₂₃, 15, 3, 3; 1998 HB₁₂₄, 3, 1, 0; 1998 HD₁₂₄, 10, 2, 4; 1998 HK₁₂₄, 5, 1, 0; 1998 HS₁₂₄, 10, 2, 3; 1998 HX₁₂₄, 7, 2, 3; 1998 HG₁₂₅, 3, 1, 0; 1998 HT₁₂₅, 10, 2, 5; 1998 HR₁₂₅, 5, 1, 0; 1998 HU₁₂₅, 10, 2, 3; 1998 HJ₁₂₆, 10, 2, 25; 1998 HA₁₂₈, 9, 2, 3; 1998 HT₁₂₉, 10, 2, 23; 1998 HU₁₂₉, 5, 1, 0; 1998 HS₁₃₂, 5, 1, 0; 1998 HZ₁₃₂, 4, 1, 0; 1998 HW₁₃₃, 10, 2, 8; 1998 HH₁₃₄, 3, 1, 0; 1998 HM₁₃₄, 5, 1, 0; 1998 HQ₁₃₄, 15, 3, 15; 1998 HA₁₃₇, 17, 4, 5; 1998 HN₁₃₉, 9, 2, 3; 1998 HP₁₃₉, 2, 4, 11; 1998 HG₁₄₁, 4, 1, 0; 1998 HK₁₄₃, 15, 3, 3; 1998 HL₁₄₃, 9, 2, 3; 1998 HV₁₄₃, 8, 2, 13; 1998 HR₁₄₄, 5, 1, 0; 1998 HX₁₄₄, 9, 2, 23; 1998 HJ₁₄₆, 10, 2, 3; 1998 HE₁₄₇, 4, 1, 0; 1998 HH₁₄₇, 5, 1, 0; 1998 HC₁₄₈, 10, 2, 5; 1998 HH₁₄₈, 9, 2, 1; 1998 HJ₁₄₈, 5, 1, 0; 1998 HK₁₄₈, 13, 3, 12; 1998 HO₁₄₈, 3, 1, 0; 1998 HC₁₄₉, 8, 2, 3; 1998 HT₁₄₉, 10, 2, 3; 1998 HW₁₄₉, 7, 2, 13; 1998 HW₁₅₀, 5, 1, 0; 1998 HP₁₅₂, 15, 3, 3; 1998 HZ₁₅₂, 5, 1, 0; 1998 HA₁₅₃, 5, 1, 0; 1998 JE, 10, 2, 3; 1998 JP, 5, 1, 0; 1998 JS, 4, 1, 0; 1998 JX, 5, 1, 0; 1998 JB, 5, 1, 0; 1998 JH, 5, 1, 0; 1998 JI, 5, 1, 0; 1998 JP, 8, 2, 3; 1998 JS, 1, 4, 1, 0; 1998 JT, 10, 2, 3; 1998 JB, 8, 2, 13; 1998 JF, 5, 1, 0; 1998 JS, 9, 2, 3; 1998 JW, 15, 3, 15; 1998 JA, 10, 2, 5; 1998 JF, 15, 2, 1; 1998 JO, 5, 1, 0; 1998 JF, 8, 2, 3; 1998 JK, 3, 1, 0; 1998 KB, 3, 1, 0; 1998 KU, 15, 3, 445; 1998 KX, 4, 1, 0; 1998 KE, 3, 1, 0; 1998 KP, 14, 3, 3; 1998 KK, 5, 1, 0; 1998 KP, 13, 3, 520; 1998 KA, 4, 1, 0; 1998 KB, 4, 1, 0; 1998 KM, 4, 1, 0; 1998 KP, 4, 1, 0; 1998 KW, 4, 1, 0; 1998 KX, 3, 1, 0; 1998 KY, 4, 1, 0; 1998 KA, 8, 2, 2; 1998 KB, 9, 2, 4; 1998 KN, 3, 1, 0; 1998 KT, 3, 1, 0; 1998 KB, 7, 10, 2, 3; 1998 KF, 5, 1, 0; 1998 KG, 7, 4, 1, 0; 1998 KH, 30, 4, 3; 1998 KK, 5, 1, 0; 1998 KZ, 5, 1, 0;

1998 KY₈, 20, 4, 3; 1998 KK₉, 10, 2, 3; 1998 KM₉, 10, 2, 3; 1998 KD₁₀, 9, 2, 5; 1998 KJ₁₀, 5, 1, 0; 1998 KX₁₀, 9, 2, 2; 1998 KZ₁₀, 5, 1, 0; 1998 KH₁₃, 3, 1, 0; 1998 KO₁₅, 8, 2, 3; 1998 KQ₁₅, 9, 2, 9; 1998 KZ₁₅, 5, 1, 0; 1998 KC₁₆, 9, 2, 13; 1998 KQ₁₉, 4, 1, 0; 1998 KA₂₀, 4, 1, 0; 1998 KL₂₂, 14, 3, 11; 1998 KR₂₃, 13, 3, 5; 1998 KW₂₅, 5, 1, 0; 1998 KK₂₆, 7, 2, 3; 1998 KW₂₆, 4, 1, 0; 1998 KZ₂₆, 4, 1, 0; 1998 KE₂₇, 13, 3, 530; 1998 KH₂₇, 4, 1, 0; 1998 KF₂₈, 3, 1, 0; 1998 KM₂₈, 10, 2, 4; 1998 KO₂₈, 5, 1, 0; 1998 KD₂₉, 8, 2, 3; 1998 KX₃₀, 5, 1, 0; 1998 KK₃₁, 9, 2, 1; 1998 KS₃₂, 5, 1, 0; 1998 KV₃₂, 5, 1, 0; 1998 KY₃₂, 4, 1, 0; 1998 KL₃₃, 8, 2, 4; 1998 KR₃₃, 10, 2, 3; 1998 KH₃₄, 22, 5, 17; 1998 KR₃₄, 9, 2, 3; 1998 KS₃₄, 9, 2, 19; 1998 KT₃₄, 5, 1, 0; 1998 KV₃₄, 5, 1, 0; 1998 KX₃₄, 4, 1, 0; 1998 KG₃₅, 8, 2, 3; 1998 KK₃₅, 4, 1, 0; 1998 KQ₃₅, 5, 1, 0; 1998 KA₃₆, 10, 2, 1; 1998 KB₃₆, 5, 1, 0; 1998 KG₃₆, 5, 1, 0; 1998 KB₃₇, 5, 1, 0; 1998 KP₃₇, 5, 1, 0; 1998 KS₃₇, 7, 2, 3; 1998 KB₃₈, 7, 2, 3; 1998 KQ₃₈, 5, 1, 0; 1998 KZ₃₈, 5, 1, 0; 1998 KJ₃₉, 4, 1, 0; 1998 KM₃₉, 5, 1, 0; 1998 KV₃₉, 8, 2, 1; 1998 KF₄₀, 3, 1, 0; 1998 KV₄₀, 3, 1, 0; 1998 KN₄₂, 5, 1, 0; 1998 KP₄₂, 5, 1, 0; 1998 KR₄₃, 5, 1, 0; 1998 KD₄₄, 9, 2, 3; 1998 KL₄₄, 8, 2, 5; 1998 KQ₄₄, 10, 2, 3; 1998 KY₄₄, 4, 1, 0; 1998 KH₄₅, 4, 1, 0; 1998 KJ₄₅, 3, 1, 0; 1998 KQ₄₅, 10, 2, 3; 1998 KZ₄₅, 15, 3, 3; 1998 KL₄₆, 8, 2, 3; 1998 KV₄₆, 5, 1, 0; 1998 KY₄₆, 8, 2, 3; 1998 KE₄₇, 3, 1, 0; 1998 KK₄₇, 9, 2, 4; 1998 KM₄₇, 4, 1, 0; 1998 KV₄₇, 5, 1, 0; 1998 KY₄₇, 5, 1, 0; 1998 KC₄₈, 10, 2, 2; 1998 KX₅₀, 9, 2, 4; 1998 KQ₅₂, 15, 3, 3; 1998 KF₅₃, 7, 1, 0; 1998 KR₅₃, 3, 1, 0; 1998 KY₅₃, 7, 2, 1; 1998 KE₅₄, 13, 3, 498; 1998 KH₅₄, 15, 3, 3; 1998 KS₅₄, 5, 1, 0; 1998 KX₅₄, 9, 2, 492; 1998 KH₅₅, 5, 1, 0; 1998 KN₅₅, 5, 1, 0; 1998 KO₅₅, 5, 1, 0; 1998 KX₅₅, 5, 1, 0; 1998 KC₅₆, 5, 1, 0; 1998 KS₅₆, 5, 1, 0; 1998 KG₅₇, 4, 1, 0; 1998 KJ₆₀, 8, 2, 439; 1998 KN₆₀, 5, 1, 0; 1998 KU₆₀, 4, 1, 0; 1998 KC₆₁, 4, 1, 0; 1998 KG₆₁, 5, 1, 0; 1998 KM₆₁, 5, 1, 0; 1998 KR₆₁, 5, 1, 0; 1998 KO₆₂, 14, 3, 3; 1998 KJ₆₃, 5, 1, 0; 1998 KN₆₃, 9, 2, 3; 1998 KF₆₄, 10, 2, 3; 1998 KV₆₄, 13, 3, 11; 1998 KK₆₄, 5, 1, 0; 1998 KS₆₄, 4, 1, 0; 1998 KU₆₄, 10, 2, 3; 1998 KB₆₇, 3, 1, 0; 1998 KX₆₇, 9, 2, 16; 1998 LB, 4, 1, 0; 1998 LF₂, 25, 4, 3; 1998 LV₂, 5, 1, 0; 1998 MX, 10, 2, 3; 1998 MG₃, 5, 1, 0; 1998 MH₄, 8, 2, 2; 1998 MF₅, 12, 3, 440; 1998 MJ₅, 4, 1, 0; 1998 MK₅, 5, 1, 0; 1998 MO₅, 10, 2, 6; 1998 MT₅, 13, 3, 106; 1998 MN₇, 5, 1, 0; 1998 MD₉, 14, 3, 11; 1998 MZ₁₁, 5, 1, 0; 1998 MB₁₃, 4, 1, 0; 1998 MD₁₃, 10, 2, 3; 1998 MG₁₄, 15, 3, 495; 1998 MX₁₅, 9, 2, 4; 1998 ME₁₉, 9, 2, 12; 1998 MP₂₂, 4, 1, 0; 1998 MR₂₂, 10, 2, 1; 1998 MS₂₂, 9, 2, 3; 1998 MR₂₅, 5, 1, 0; 1998 MA₂₆, 5, 1, 0; 1998 MH₂₇, 4, 1, 0; 1998 ME₂₉, 4, 1, 0; 1998 MM₂₉, 18, 4, 521; 1998 MU₃₀, 7, 2, 169; 1998 MD₃₁, 4, 1, 0; 1998 MC₃₁, 3, 1, 0; 1998 MS₃₁, 5, 1, 0; 1998 MV₃₁, 14, 3, 14; 1998 MB₃₂, 5, 1, 0; 1998 ME₃₂, 4, 1, 0; 1998 MJ₃₂, 5, 1, 0; 1998 MP₃₂, 5, 1, 0; 1998 MQ₃₂, 5, 1, 0; 1998 MW₃₂, 10, 2, 3; 1998 MK₃₃, 4, 1, 0; 1998 MN₃₃, 5, 1, 0; 1998 MP₃₃, 5, 1, 0; 1998 MC₃₄, 9, 2, 28; 1998 MU₃₄, 19, 4, 94; 1998 MX₃₄, 13, 3, 415; 1998 ML₃₅, 5, 1, 0; 1998 MN₃₅, 3, 1, 0; 1998 MJ₃₇, 7, 2, 13; 1998 MM₃₇, 8, 2, 5; 1998 MU₃₇, 5, 1, 0; 1998 MV₃₇, 5, 1, 0; 1998 MH₄₀, 10, 2, 3; 1998 MZ₄₀, 4, 1, 0; 1998 MH₄₁, 5, 1, 0; 1998 MZ₄₁, 7, 2, 6; 1998 MA₄₇, 3, 1, 0; 1998 ME₄₇, 5, 1, 0; 1998 MM₄₇, 4, 1, 0; 1998 NF, 8, 2, 12; 1998 NH, 9, 2, 4; 1998 NN, 28, 4, 406; 1998 NP, 9, 2, 12; 1998 NS, 13, 3, 20; 1998 NV, 5, 1, 0; 1998 OG₁, 5, 1, 0; 1998 OU₁, 4, 1, 0; 1998 OY₂, 4, 1, 0; 1998 OB, 3, 8, 2, 1; 1998 OJ, 4, 1, 0; 1998 OR, 7, 2, 15; 1998 OW, 5, 10, 2, 3; 1998 OJ, 5, 1, 0; 1998 OT, 6, 5, 1, 0; 1998 OX, 5, 1, 0; 1998 OY, 10, 2, 417; 1998 OD, 3, 1, 0; 1998 OG, 7, 5, 1, 0; 1998 OF, 29, 5, 11; 1998 OB, 5, 1, 0; 1998 OL, 15, 3, 3; 1998 OR, 5, 1, 0; 1998 OG, 8, 2, 3; 1998 OP, 15, 3, 3; 1998 OM, 11, 5, 1, 0; 1998 ON, 11, 14, 3, 11; 1998 OA, 12, 4, 1, 0; 1998 OG, 12, 20, 3, 3; 1998 OQ, 12, 5, 1, 0; 1998 OZ, 12, 10, 2, 12; 1998 OB, 13, 14, 3, 11; 1998 OS, 13, 6, 1, 0; 1998 OZ, 13, 15, 3, 443; 1998 OX, 14, 4, 1, 0; 1998 OB, 15, 10, 2, 3; 1998 PE, 5, 1, 0; 1998 PV, 14, 3, 4; 1998 PP, 8, 2, 13; 1998 QF, 5, 1, 0; 1998 QL, 5, 1, 0; 1998 QY, 10, 2, 3; 1998 QO, 10, 2, 3; 1998 QV, 9, 2, 1; 1998 QT, 5, 1, 0; 1998 QW, 16, 3, 10; 1998 QB, 16, 4, 21; 1998 QX, 10, 2, 3; 1998 QE, 8, 2, 3; 1998 QL, 8, 2, 3; 1998 QA, 5, 1, 0; 1998 QA, 5, 1, 0; 1998 QE, 5, 1, 0; 1998 QB, 7, 5, 1, 0; 1998 QC, 7, 5, 1, 0; 1998 QO, 7, 10, 2, 3; 1998 QU, 7, 5, 1, 0; 1998 QV, 13, 3

1998 QF₃₉, 14, 3, 3; 1998 QJ₃₉, 5, 1, 0; 1998 QR₃₉, 3, 1, 0; 1998 QZ₃₉, 9, 2, 3; 1998 QB₄₀, 4, 1, 0; 1998 QD₄₀, 4, 1, 0; 1998 QU₄₀, 3, 1, 0; 1998 QC₄₁, 10, 2, 3; 1998 QM₄₁, 10, 2, 3; 1998 QN₄₁, 10, 2, 3; 1998 QS₄₁, 5, 1, 0; 1998 QW₄₁, 20, 3, 3; 1998 QY₄₁, 10, 2, 3; 1998 QC₄₂, 10, 2, 5; 1998 QH₄₂, 5, 1, 0; 1998 QJ₄₂, 8, 2, 3; 1998 QL₄₂, 5, 1, 0; 1998 QD₄₃, 24, 3, 2; 1998 QK₄₃, 5, 1, 0; 1998 QL₄₃, 10, 2, 3; 1998 QZ₄₃, 5, 1, 0; 1998 QB₄₄, 8, 2, 13; 1998 QC₄₄, 3, 1, 0; 1998 QL₄₄, 15, 3, 3; 1998 QP₄₄, 4, 1, 0; 1998 QR₄₅, 7, 2, 6; 1998 QY₄₅, 17, 3, 11; 1998 QZ₄₅, 15, 3, 3; 1998 QB₄₆, 10, 2, 3; 1998 QM₄₆, 4, 1, 0; 1998 QP₄₆, 10, 2, 3; 1998 QR₄₆, 4, 1, 0; 1998 QT₄₆, 5, 1, 0; 1998 QU₄₇, 5, 1, 0; 1998 QB₄₈, 8, 2, 3; 1998 QJ₄₈, 4, 1, 0; 1998 QW₄₈, 10, 2, 3; 1998 QJ₄₉, 14, 3, 11; 1998 QB₅₀, 5, 1, 0; 1998 QF₅₀, 5, 1, 0; 1998 QO₅₀, 9, 2, 3; 1998 QL₅₁, 10, 2, 3; 1998 QT₅₁, 4, 1, 0; 1998 QF₅₃, 5, 1, 0; 1998 QL₅₃, 9, 2, 3; 1998 QN₅₃, 5, 1, 0; 1998 QE₅₇, 4, 1, 0; 1998 QW₅₇, 4, 1, 0; 1998 QL₅₉, 5, 1, 0; 1998 QF₆₀, 5, 1, 0; 1998 QY₆₀, 4, 1, 0; 1998 QG₆₂, 3, 1, 0; 1998 QF₆₃, 3, 1, 0; 1998 QJ₆₄, 5, 1, 0; 1998 QV₆₆, 5, 1, 0; 1998 QY₆₇, 5, 1, 0; 1998 QA₆₉, 9, 2, 26; 1998 QN₆₉, 5, 1, 0; 1998 QZ₆₉, 4, 1, 0; 1998 QC₇₀, 5, 1, 0; 1998 QG₇₀, 13, 3, 49; 1998 QW₇₀, 4, 1, 0; 1998 QF₇₁, 8, 2, 5; 1998 QP₇₁, 5, 1, 0; 1998 QR₇₁, 4, 1, 0; 1998 QF₇₂, 3, 1, 0; 1998 QS₇₂, 5, 1, 0; 1998 QX₇₂, 4, 1, 0; 1998 QD₇₃, 4, 1, 0; 1998 QL₇₃, 4, 1, 0; 1998 QO₇₃, 4, 1, 0; 1998 QZ₇₃, 3, 1, 0; 1998 QD₇₄, 4, 1, 0; 1998 QF₇₄, 5, 1, 0; 1998 QS₇₄, 4, 1, 0; 1998 QV₇₄, 3, 1, 0; 1998 QA₇₇, 5, 1, 0; 1998 QB₇₇, 5, 1, 0; 1998 QR₇₇, 3, 1, 0; 1998 QZ₇₇, 10, 2, 3; 1998 QP₇₈, 5, 1, 0; 1998 QX₇₈, 4, 1, 0; 1998 QD₇₉, 3, 1, 0; 1998 QK₈₃, 5, 1, 0; 1998 QE₈₄, 8, 2, 417; 1998 QO₈₄, 4, 1, 0; 1998 QW₈₄, 5, 1, 0; 1998 QL₈₅, 4, 1, 0; 1998 QN₈₅, 3, 1, 0; 1998 QO₈₅, 5, 1, 0; 1998 QU₈₅, 5, 1, 0; 1998 QY₈₅, 4, 1, 0; 1998 QZ₈₅, 10, 2, 3; 1998 QZ₈₆, 4, 1, 0; 1998 QU₈₆, 4, 1, 0; 1998 QL₈₇, 4, 1, 0; 1998 QF₈₈, 4, 1, 0; 1998 QQ₈₈, 4, 1, 0; 1998 QA₈₉, 4, 1, 0; 1998 QU₈₉, 5, 1, 0; 1998 QW₈₉, 5, 1, 0; 1998 QG₉₀, 19, 4, 435; 1998 QS₉₀, 4, 1, 0; 1998 QF₉₁, 5, 1, 0; 1998 QO₉₁, 5, 1, 0; 1998 QH₉₂, 8, 2, 26; 1998 QD₉₄, 3, 1, 0; 1998 QC₉₅, 5, 1, 0; 1998 QK₉₅, 5, 1, 0; 1998 QG₉₆, 5, 1, 0; 1998 QM₉₆, 5, 1, 0; 1998 QO₉₆, 5, 1, 0; 1998 QV₉₆, 4, 1, 0; 1998 QD₉₉, 5, 1, 0; 1998 QE₉₉, 5, 1, 0; 1998 QC₁₀₀, 8, 2, 392; 1998 QU₁₀₀, 5, 1, 0; 1998 QD₁₀₂, 5, 1, 0; 1998 QF₁₀₂, 5, 1, 0; 1998 QP₁₀₂, 13, 3, 11; 1998 QB₁₀₃, 10, 3, 58; 1998 QF₁₀₃, 7, 2, 4; 1998 QF₁₀₄, 5, 1, 0; 1998 QK₁₀₄, 3, 1, 0; 1998 QO₁₀₄, 10, 2, 4; 1998 QW₁₀₄, 9, 2, 1; 1998 QG₁₀₅, 5, 1, 0; 1998 QT₁₀₅, 7, 2, 3; 1998 QJ₁₀₆, 3, 1, 0; 1998 QM₁₀₆, 5, 1, 0; 1998 QU₁₁₀, 5, 1, 0; 1998 RB₅, 5, 1, 0; 1998 RF₅, 1, 0; 1998 RK₇, 2, 12; 1998 RC₁, 5, 1, 0; 1998 RD₁, 10, 2, 3; 1998 RE₁, 9, 2, 3; 1998 RJ₁, 4, 1, 0; 1998 RT₁, 9, 2, 39; 1998 RU₁, 5, 1, 0; 1998 RC₂, 8, 2, 3; 1998 RF₂, 4, 1, 0; 1998 RD₄, 8, 2, 392; 1998 RA₅, 4, 1, 0; 1998 RF₆, 3, 1, 0; 1998 RQ₆, 5, 1, 0; 1998 RE₇, 21, 5, 920; 1998 RY₁₂, 5, 1, 0; 1998 RY₁₄, 5, 1, 0; 1998 RT₁₅, 3, 1, 0; 1998 RE₁₆, 5, 1, 0; 1998 RD₁₇, 5, 1, 0; 1998 RS₁₈, 5, 1, 0; 1998 RA₁₉, 5, 1, 0; 1998 RQ₁₉, 12, 3, 3; 1998 RS₁₉, 5, 1, 0; 1998 RL₂₀, 9, 2, 4; 1998 RY₂₃, 4, 1, 0; 1998 RK₂₄, 9, 2, 3; 1998 RC₂₆, 10, 2, 4; 1998 RK₂₆, 5, 1, 0; 1998 RH₂₇, 5, 1, 0; 1998 RU₂₈, 10, 2, 3; 1998 RE₂₉, 5, 1, 0; 1998 RJ₃₁, 3, 1, 0; 1998 RT₃₁, 4, 1, 0; 1998 RJ₃₄, 5, 1, 0; 1998 RT₃₄, 5, 1, 0; 1998 RZ₃₄, 5, 1, 0; 1998 RN₃₅, 10, 2, 3; 1998 RZ₃₅, 18, 4, 470; 1998 RU₃₆, 3, 1, 0; 1998 RA₃₇, 5, 1, 0; 1998 RP₃₇, 15, 3, 3; 1998 RV₃₈, 4, 1, 0; 1998 RD₄₀, 3, 1, 0; 1998 RO₄₀, 5, 1, 0; 1998 RH₄₁, 4, 1, 0; 1998 RO₄₄, 12, 3, 13; 1998 RJ₄₅, 5, 1, 0; 1998 RF₄₆, 14, 3, 28; 1998 RK₄₆, 3, 1, 0; 1998 RS₄₇, 5, 1, 0; 1998 RZ₄₇, 10, 2, 3; 1998 RR₄₈, 7, 2, 30; 1998 RZ₄₉, 4, 1, 0; 1998 RD₅₀, 9, 2, 3; 1998 RE₅₀, 5, 1, 0; 1998 RN₅₀, 3, 1, 0; 1998 RF₅₀, 5, 1, 0; 1998 RT₅₀, 3, 1, 0; 1998 RZ₅₂, 5, 1, 0; 1998 RB₅₃, 10, 2, 4; 1998 RD₅₃, 5, 1, 0; 1998 RF₅₃, 9, 2, 3; 1998 RU₅₃, 10, 2, 3; 1998 RU₅₆, 4, 1, 0; 1998 RJ₅₇, 4, 1, 0; 1998 RS₅₇, 8, 2, 21; 1998 RM₅₈, 4, 1, 0; 1998 RN₅₈, 3, 1, 0; 1998 RQ₅₈, 5, 1, 0; 1998 RZ₅₈, 3, 1, 0; 1998 RL₆₀, 4, 1, 0; 1998 RN₆₀, 4, 1, 0; 1998 RB₆₁, 5, 1, 0; 1998 RB₆₂, 5, 1, 0; 1998 RN₆₂, 10, 2, 1; 1998 RY₆₂, 4, 1, 0; 1998 RY₆₃, 5, 1, 0; 1998 RE₆₄, 4, 1, 0; 1998 RP₆₄, 3, 1, 0; 1998 RF₆₆, 5, 1, 0; 1998 RE₆₆, 7, 2, 11; 1998 RR₆₇, 5, 1, 0; 1998 RC₆₉, 19, 3, 3; 1998 RV₆₉, 3, 1, 0; 1998 RG₇₁, 9, 2, 430; 1998 RF₇₂, 4, 1, 0; 1998 RU₇₂, 5, 1, 0; 1998 RB₇₃, 5, 1, 0; 1998 RR₇₃, 5, 1, 0; 1998 RH₇₄, 3, 1, 0; 1998 RF₇₅, 4, 1, 0; 1998 RM₇₅, 9, 2, 3; 1998 RO₇₅, 5, 1, 0; 1998 RV₇₅, 10, 2, 5; 1998 RZ₇₅, 13, 3, 11; 1998 RC₇₆, 3, 1, 0; 1998 RL₇₆, 4, 1, 0; 1998 RW₇₆, 5, 1, 0; 1998 RB₇₇, 4, 1, 0; 1998 RC₇₇, 5, 1, 0; 1998 RF₇₇, 5, 1, 0; 1998 RN₇₇, 23, 5, 472; 1998 RF₇₈, 5, 1, 0; 1998 RN₇₈, 4, 1, 0; 1998 RX₇₈, 4, 1, 0; 1998 RY₇₈, 4, 1, 0; 1998 RK₇₉, 14, 3, 13; 1998 RQ₇₉, 6, 2, 23; 1998 RM₈₀, 5, 1, 0; 1998 RP₈₀, 5, 1, 0; 1998 SC₉, 2, 4; 1998 SG₁₃, 13, 3, 11; 1998 SP₈, 2, 3; 1998 SR₂, 30, 5, 11; 1998 SE₄, 4, 1, 0; 1998 SW₄, 5, 1, 0; 1998 SX₄, 5, 1, 0; 1998 SC₅, 4, 1, 0; 1998 SQ₆, 10, 2, 3; 1998 SL₇, 14, 3, 443; 1998 SP₇, 5, 1, 0; 1998 SV₉, 13, 3, 3; 1998 SU₁₀, 3, 1, 0; 1998 SC₁₂, 3, 1, 0; 1998 SF₁₃, 13, 3, 4; 1998 SO₁₃, 15, 3, 3; 1998 SW₁₃, 4, 1, 0; 1998 SM₁₄, 10, 2, 4; 1998 SY₁₅, 5, 1, 0; 1998 SG₁₇, 4, 1, 0; 1998 SK₂₂, 3, 1, 0; 1998 SJ₂₄, 5, 1, 0; 1998 SH₂₅, 5, 1, 0; 1998 SN₂₆, 15, 3, 3; 1998 SB₂₈, 8, 2, 4; 1998 SK₃₅, 9, 2, 435; 1998 SQ₃₅, 3, 1, 0; 1998 SF₃₆, 9, 2, 4; 1998 SE₄₄, 5, 1, 0; 1998 SA₄₅, 5, 1, 0; 1998 SY₄₅, 3, 1, 0; 1998 SC₄₉, 4, 1, 0; 1998 SF₄₉, 4, 1, 0; 1998 SU₄₉, 4, 1, 0; 1998 SV₄₉, 4, 1, 0; 1998 ST₅₀, 5, 1, 0; 1998 SE₅₄, 5, 1, 0; 1998 SL₅₄, 3, 1, 0; 1998 SS₅₄, 4, 1, 0; 1998 SZ₅₄, 12, 3, 3; 1998 SE₅₅, 9, 2, 13; 1998 SK₅₅, 5, 1, 0; 1998 SU₅₅, 5, 1, 0; 1998 SV₅₅, 5, 1, 0; 1998 SC₅₆, 30, 3, 3; 1998 SH₅₆, 4, 1, 0; 1998 SF₅₆, 5, 1, 0; 1998 SZ₅₆, 4, 1, 0; 1998 SC₅₈, 8, 2, 4; 1998 SQ₅₈, 4, 1, 0; 1998 SE₅₉, 10, 2, 3; 1998 SF₅₉, 5, 1, 0; 1998 SA₆₀, 4, 1, 0; 1998 SC₆₀, 9, 2, 4; 1998 SG₆₀, 5, 1, 0; 1998 SE₆₁, 4, 1, 0; 1998 SM₆₂, 8, 2, 24; 1998 SU₆₂, 5, 1, 0; 1998 SK₆₃, 4, 1, 0; 1998 SN₆₄, 4, 1, 0; 1998 SK₆₅, 5, 1, 0; 1998 ST₆₆, 5, 1, 0; 1998 SF₆₇, 5, 1, 0; 1998 SE₆₉, 10, 2, 3; 1998 SZ₆₉, 19, 3, 3; 1998 SB₇₁, 5, 1, 0; 1998 SD₇₂, 4, 1, 0; 1998 SX₇₂, 5, 1, 0; 1998 SZ₇₂, 6, 2, 3; 1998 SM₇₅, 3, 1, 0; 1998 SW₇₆, 9, 2, 51; 1998 SD₇₉, 9, 2, 4; 1998 SF₇₉, 9, 2, 4; 1998 SV₈₂, 5, 1, 0; 1998 SM₈₇, 4, 1, 0; 1998 SZ₉₆, 4, 1, 0; 1998 SP₉₇, 4, 1, 0; 1998 SD₁₀₀, 7, 2, 47; 1998 SH₁₀₀, 5, 1, 0; 1998 SO₁₀₂, 3, 1, 0; 1998 SU₁₀₃, 19, 5, 434; 1998 SK₁₀₄, 4, 1, 0;

1998 SH₁₀₆, 8, 2, 4; 1998 SQ₁₀₇, 4, 1, 0; 1998 ST₁₁₀, 4, 1, 0; 1998 SF₁₁₁, 2, 1, 0; 1998 SX₁₁₂, 4, 1, 0; 1998 SF₁₁₄, 4, 1, 0; 1998 SP₁₁₅, 3, 1, 0; 1998 SM₁₁₆, 3, 1, 0; 1998 SM₁₁₈, 9, 2, 24; 1998 SQ₁₁₈, 5, 1, 0; 1998 SZ₁₂₂, 5, 1, 0; 1998 SZ₁₂₂, 15, 3, 3; 1998 SS₁₂₃, 4, 1, 0; 1998 SG₁₂₇, 4, 1, 0; 1998 SR₁₂₇, 5, 1, 0; 1998 SF₁₂₈, 3, 1, 0; 1998 SE₁₃₀, 4, 1, 0; 1998 SN₁₃₀, 12, 3, 3; 1998 SN₁₃₂, 5, 1, 0; 1998 SE₁₃₃, 2, 1, 0; 1998 SV₁₃₄, 9, 2, 3; 1998 SZ₁₃₄, 5, 1, 0; 1998 SH₁₃₅, 5, 1, 0; 1998 SR₁₃₅, 5, 1, 0; 1998 SA₁₃₆, 7, 2, 3; 1998 SK₁₃₆, 8, 2, 34; 1998 SX₁₃₆, 5, 1, 0; 1998 SJ₁₃₇, 4, 1, 0; 1998 SM₁₃₇, 14, 4, 64; 1998 SQ₁₃₇, 4, 1, 0; 1998 SZ₁₃₇, 15, 3, 48; 1998 SY₁₃₉, 5, 1, 0; 1998 SZ₁₄₀, 3, 1, 0; 1998 SD₁₄₁, 9, 2, 3; 1998 SL₁₄₂, 4, 1, 0; 1998 SX₁₄₂, 4, 1, 0; 1998 SH₁₄₃, 9, 2, 4; 1998 SA₁₄₄, 7, 2, 3; 1998 SS₁₄₄, 4, 1, 0; 1998 SA₁₄₅, 4, 1, 0; 1998 SK₁₄₅, 4, 1, 0; 1998 SS₁₄₆, 4, 1, 0; 1998 SU₁₄₆, 5, 1, 0; 1998 SX₁₄₆, 9, 2, 1; 1998 SY₁₄₆, 3, 1, 0; 1998 SS₁₄₇, 15, 4, 147; 1998 ST₁₆₀, 5, 1, 0; 1998 SP₁₆₁, 13, 3, 113; 1998 SE₁₆₄, 8, 2, 4; 1998 TR₁, 4, 1, 0; 1998 TD₃, 10, 2, 3; 1998 TN₅, 9, 2, 3; 1998 TX₅, 5, 1, 0; 1998 TF₆, 3, 1, 0; 1998 TJ₆, 10, 2, 3; 1998 TQ₆, 4, 1, 0; 1998 TV₆, 5, 1, 0; 1998 TJ₁₈, 10, 2, 4; 1998 TP₁₉, 5, 1, 0; 1998 TF₂₀, 10, 2, 13; 1998 TR₃₃, 10, 2, 3; 1998 TB₃₄, 20, 4, 436; 1998 TN₃₄, 4, 1, 0; 1998 UL₅, 1, 0; 1998 UW₁, 3, 1, 0; 1998 UV₃, 4, 1, 0; 1998 UG₄, 4, 1, 0; 1998 UR₄, 5, 1, 0; 1998 UA₇, 4, 1, 0; 1998 UD₇, 5, 1, 0; 1998 UW₈, 10, 2, 3; 1998 UH₁₆, 4, 1, 0; 1998 UO₁₈, 3, 1, 0; 1998 US₂₀, 4, 1, 0; 1998 UM₂₄, 4, 1, 0; 1998 UM₂₅, 4, 1, 0; 1998 UQ₂₅, 5, 1, 0; 1998 UN₂₆, 3, 1, 0; 1998 UC₂₇, 5, 1, 0; 1998 UV₂₉, 3, 1, 0; 1998 UV₃₀, 5, 1, 0; 1998 UY₃₀, 5, 1, 0; 1998 UX₃₀, 10, 2, 13; 1998 UC₃₈, 5, 1, 0; 1998 VJ₅, 1, 0; 1998 VU₃, 1, 0; 1998 VL₂, 4, 1, 0; 1998 VZ₄, 5, 1, 0; 1998 VM₆, 10, 2, 3; 1998 VW₁₀, 3, 1, 0; 1998 VR₁₃, 8, 2, 414; 1998 VQ₁₅, 5, 1, 0; 1998 VX₁₉, 3, 1, 0; 1998 VY₁₉, 7, 2, 3; 1998 VO₂₂, 4, 1, 0; 1998 VG₂₈, 4, 1, 0; 1998 VK₃₁, 10, 2, 88; 1998 VM₃₃, 3, 1, 0; 1998 VS₃₄, 8, 2, 31; 1998 VB₃₇, 2, 1, 0; 1998 VL₃₇, 9, 2, 3; 1998 VV₃₇, 5, 1, 0; 1998 VX₅₂, 5, 1, 0; 1998 WL₂, 4, 1, 0; 1998 WT₅, 8, 2, 2; 1998 WJ₈, 5, 1, 0; 1998 WY₈, 4, 1, 0; 1998 WC₁₀, 3, 1, 0; 1998 WH₁₀, 1, 1, 0; 1998 WQ₁₄, 4, 1, 0; 1998 WM₁₅, 5, 1, 0; 1998 WR₁₅, 5, 1, 0; 1998 WC₁₆, 3, 1, 0; 1998 WP₁₆, 5, 1, 0; 1998 WS₁₆, 4, 1, 0; 1998 WV₁₈, 5, 1, 0; 1998 WZ₂₆, 3, 1, 0; 1998 WQ₂₈, 4, 1, 0; 1998 WF₃₁, 5, 1, 0; 1998 WG₄₁, 3, 1, 0; 1998 XJ₃, 1, 0; 1998 XO₃, 1, 0; 1998 XA₄, 5, 1, 0; 1998 XJ₅, 10, 2, 1; 1998 XA₇, 4, 1, 0; 1998 XA₁₃, 14, 3, 13; 1998 XE₁₇, 8, 2, 3; 1998 XE₂₅, 4, 1, 0; 1998 XA₃₀, 14, 3, 77; 1998 XC₃₁, 9, 2, 2; 1998 XU₄₀, 4, 1, 0; 1998 XY₄₅, 4, 1, 0; 1998 XE₄₆, 5, 1, 0; 1998 XT₄₇, 4, 1, 0; 1998 XO₅₀, 3, 1, 0; 1998 XX₅₀, 5, 1, 0; 1998 XZ₅₀, 3, 1, 0; 1998 XR₅₁, 5, 1, 0; 1998 XE₆₅, 5, 1, 0; 1998 XM₇₃, 4, 1, 0; 1998 XK₇₄, 5, 1, 0; 1998 XP₇₅, 5, 1, 0; 1998 XY₉₃, 5, 1, 0; 1998 XP₉₅, 5, 1, 0; 1998 YV₁₀, 1, 0; 1998 YE₁₂, 5, 1, 0; 1998 YN₅, 5, 1, 0; 1998 YP₆, 10, 2, 29; 1998 YL₇, 4, 1, 0; 1998 YN₉, 4, 1, 0; 1998 YE₁₂, 5, 1, 0; 1998 YL₁₃, 3, 1, 0; 1998 YO₁₇, 4, 1, 0; 1998 YA₂₇, 5, 1, 0; 1998 YW₂₉, 4, 1, 0; 1999 AA₂, 14, 3, 30; 1999 AX₃, 5, 1, 0; 1999 AB₄, 5, 1, 0; 1999 AT₄, 5, 1, 0; 1999 AR₅, 19, 5, 897; 1999 AE₇, 7, 2, 29; 1999 AW₈, 8, 2, 9; 1999 AK₉, 4, 1, 0; 1999 AJ₁₀, 5, 1, 0; 1999 AC₂₀, 4, 1, 0; 1999 AP₂₀, 4, 1, 0; 1999 AC₂₃, 7, 2, 24; 1999 AH₂₅, 4, 1, 0; 1999 AR₃₈, 4, 1, 0; 1999 AU₃₂, 4, 1, 0; 1999 AN₃₄, 8, 2, 69; 1999 BM₁, 4, 1, 0; 1999 BT₈, 3, 1, 0; 1999 BG₂₀, 8, 2, 65; 1999 BV₂₅, 1, 1, 0; 1999 BB₂₆, 5, 1, 0; 1999 BD₂₆, 10, 2, 25; 1999 BQ₂₈, 5, 1, 0; 1999 CC₄, 1, 0; 1999 CV₁, 9, 2, 2; 1999 CU₃, 4, 1, 0; 1999 CJ₉, 4, 1, 0; 1999 CX₉, 4, 1, 0; 1999 CH₁₀, 4, 1, 0; 1999 CX₁₂, 13, 3, 8; 1999 CU₁₇, 5, 1, 0; 1999 CV₁₇, 4, 1, 0; 1999 CE₂₈, 1, 1, 0; 1999 CC₃₃, 5, 1, 0; 1999 CR₃₃, 7, 2, 16; 1999 C1₄₈, 10, 2, 908; 1999 CL₄₉, 8, 2, 32; 1999 CN₅₄, 3, 1, 0; 1999 CU₅₄, 5, 1, 0; 1999 CD₅₅, 13, 3, 8; 1999 CX₆₁, 5, 1, 0

1999 KS₅, 5, 1, 0; 1999 KQ₇, 3, 1, 0; 1999 KH₁₃, 3, 1, 0; 1999 KW₁₃, 5, 1, 0; 1999 KS₁₄, 5, 1, 0; 1999 KD₁₅, 3, 1, 0; 1999 KV₁₅, 14, 2, 48; 1999 LJ, 3, 1, 0; 1999 LR, 4, 1, 0; 1999 LR₁, 5, 1, 0; 1999 LV₁, 3, 1, 0; 1999 LV₃, 5, 1, 0; 1999 LU₄, 5, 1, 0; 1999 LR₅, 4, 1, 0; 1999 LH₇, 5, 1, 0; 1999 LO₇, 37, 5, 17; 1999 LC₈, 5, 1, 0; 1999 LP₁₁, 5, 1, 0; 1999 LX₁₁, 4, 1, 0; 1999 LL₁₃, 3, 1, 0; 1999 LN₁₃, 5, 1, 0; 1999 LT₁₃, 5, 1, 0; 1999 LO₂₄, 5, 1, 0; 1999 LM₂₅, 3, 1, 0; 1999 LL₂₆, 4, 1, 0; 1999 LR₂₆, 5, 1, 0; 1999 LZ₂₆, 10, 2, 1; 1999 LA₂₇, 15, 3, 3; 1999 LJ₃₁, 5, 1, 0; 1999 LL₃₁, 14, 3, 13; 1999 LH₃₂, 10, 2, 2; 1999 LN₃₂, 4, 1, 0; 1999 LQ₃₂, 4, 1, 0; 1999 LL₃₅, 5, 1, 0; 1999 MB, 10, 2, 3; 1999 MH, 3, 1, 0; 1999 MJ, 9, 2, 3; 1999 MR, 3, 1, 0; 1999 MW, 4, 1, 0; 1999 MZ, 4, 1, 0; 1999 MN₁, 3, 1, 0; 1999 MA₂, 5, 1, 0; 1999 NA, 10, 2, 3; 1999 NT, 9, 2, 3; 1999 NU, 9, 2, 1; 1999 NV, 13, 3, 12; 1999 NR₁, 5, 1, 0; 1999 NW₁, 9, 2, 1; 1999 NR₂, 5, 1, 0; 1999 NH₄, 14, 3, 3; 1999 NU₄, 9, 2, 3; 1999 NF₅, 14, 3, 11; 1999 NJ₅, 9, 2, 1; 1999 NG₆, 5, 1, 0; 1999 NV₆, 3, 1, 0; 1999 NA₇, 10, 2, 1; 1999 NB₇, 10, 2, 4; 1999 NC₇, 3, 1, 0; 1999 NF₇, 5, 1, 0; 1999 NO₇, 12, 3, 3; 1999 NQ₇, 14, 3, 5; 1999 NR₇, 10, 2, 3; 1999 NB₈, 15, 3, 3; 1999 ND₈, 9, 1, 0; 1999 NJ₈, 14, 3, 9; 1999 NL₈, 3, 1, 0; 1999 NP₈, 5, 1, 0; 1999 NQ₈, 13, 3, 3; 1999 NR₈, 15, 3, 3; 1999 NH₉, 12, 3, 10; 1999 NO₉, 4, 1, 0; 1999 NR₉, 10, 2, 3; 1999 NU₉, 3, 1, 0; 1999 NY₉, 10, 2, 3; 1999 NB₁₀, 15, 3, 3; 1999 NC₁₀, 15, 3, 3; 1999 NJ₁₀, 17, 4, 50; 1999 NP₁₀, 5, 1, 0; 1999 NR₁₀, 9, 2, 4; 1999 NA₁₁, 10, 2, 4; 1999 NM₁₁, 7, 2, 30; 1999 NO₁₁, 13, 3, 1024; 1999 NP₁₁, 5, 1, 0; 1999 NQ₁₁, 4, 1, 0; 1999 NV₁₁, 4, 1, 0; 1999 NB₁₃, 5, 1, 0; 1999 NO₁₈, 5, 1, 0; 1999 NV₁₈, 9, 2, 16; 1999 NP₁₉, 4, 1, 0; 1999 NQ₁₉, 5, 1, 0; 1999 NH₂₁, 5, 1, 0; 1999 NY₂₂, 5, 1, 0; 1999 ND₂₃, 3, 1, 0; 1999 NB₂₅, 3, 1, 0; 1999 NH₂₅, 4, 1, 0; 1999 NE₂₆, 10, 2, 4; 1999 NN₂₆, 4, 1, 0; 1999 NS₂₆, 9, 2, 20; 1999 NF₂₈, 10, 2, 3; 1999 NH₂₈, 3, 1, 0; 1999 NF₃₀, 4, 1, 0; 1999 NG₃₀, 4, 1, 0; 1999 NP₃₁, 10, 2, 30; 1999 NJ₃₃, 4, 1, 0; 1999 NO₃₄, 4, 1, 0; 1999 NW₃₄, 3, 1, 0; 1999 NF₃₆, 4, 1, 0; 1999 NH₃₇, 9, 2, 4; 1999 NN₃₇, 3, 1, 0; 1999 NZ₃₇, 8, 2, 3; 1999 NN₃₉, 5, 1, 0; 1999 NP₃₉, 12, 2, 3; 1999 NE₄₀, 8, 2, 3; 1999 NF₄₀, 7, 2, 3; 1999 NK₄₀, 4, 1, 0; 1999 NU₄₀, 3, 1, 0; 1999 NV₄₀, 7, 2, 3; 1999 ND₄₁, 5, 1, 0; 1999 NG₄₁, 15, 3, 4; 1999 NJ₄₁, 10, 2, 4; 1999 NY₄₁, 4, 1, 0; 1999 NB₄₂, 9, 2, 1; 1999 NC₄₂, 5, 1, 0; 1999 ND₄₂, 7, 2, 919; 1999 NX₄₂, 8, 2, 4; 1999 NN₄₃, 5, 1, 0; 1999 NW₄₇, 13, 3, 28; 1999 NT₄₈, 3, 1, 0; 1999 NU₄₈, 8, 2, 13; 1999 NL₄₉, 9, 2, 1; 1999 NS₄₉, 5, 1, 0; 1999 NT₄₉, 4, 1, 0; 1999 NX₄₉, 4, 1, 0; 1999 ND₅₀, 10, 2, 1; 1999 NG₅₀, 4, 1, 0; 1999 NK₅₀, 9, 2, 3; 1999 NW₅₁, 3, 1, 0; 1999 NR₅₂, 4, 1, 0; 1999 NZ₅₂, 5, 1, 0; 1999 NB₅₃, 5, 1, 0; 1999 NY₅₃, 8, 2, 29; 1999 NZ₅₃, 9, 2, 1; 1999 NT₅₄, 4, 1, 0; 1999 NC₅₅, 9, 2, 1; 1999 NE₅₅, 7, 2, 5; 1999 NK₅₅, 5, 1, 0; 1999 NU₅₅, 5, 1, 0; 1999 NY₅₅, 10, 2, 1; 1999 NZ₅₅, 5, 1, 0; 1999 NE₅₆, 5, 1, 0; 1999 NO₅₆, 3, 1, 0; 1999 NW₅₆, 5, 1, 0; 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1999 RL₁₇, 8, 2, 1; 1999 RQ₁₇, 8, 2, 54; 1999 RT₁₇, 10, 2, 1; 1999 RW₁₇, 4, 1, 0; 1999 RX₁₇, 4, 1, 0; 1999 RY₁₇, 17, 4, 3; 1999 RC₁₈, 4, 1, 0; 1999 RD₁₈, 5, 1, 0; 1999 RJ₁₈, 10, 2, 3; 1999 RN₁₈, 4, 1, 0; 1999 RR₁₈, 5, 1, 0; 1999 RT₁₈, 7, 2, 4; 1999 RH₁₈, 5, 1, 0; 1999 RH₁₉, 9, 2, 2; 1999 RD₂₀, 19, 4, 9; 1999 RN₂₀, 4, 1, 0; 1999 RV₂₀, 4, 1, 0; 1999 RL₂₁, 4, 1, 0; 1999 RY₂₁, 10, 2, 3; 1999 RC₂₂, 10, 2, 3; 1999 RH₂₂, 8, 2, 24; 1999 RL₂₂, 5, 1, 0; 1999 RV₂₂, 9, 2, 3; 1999 RC₂₃, 7, 2, 1; 1999 RH₂₃, 5, 1, 0; 1999 RJ₂₃, 4, 1, 0; 1999 RR₂₃, 12, 3, 28; 1999 RB₂₄, 8, 2, 13; 1999 RP₂₄, 10, 2, 1; 1999 RQ₂₄, 4, 1, 0; 1999 RR₂₄, 5, 1, 0; 1999 RW₂₄, 5, 1, 0; 1999 RE₂₅, 10, 2, 3; 1999 RG₂₅, 9, 2, 3; 1999 RN₂₅, 18, 3, 3; 1999 RV₂₅, 5, 1, 0; 1999 RD₂₆, 5, 1, 0; 1999 RJ₂₆, 4, 1, 0; 1999 RK₂₆, 27, 6, 111; 1999 RN₂₆, 6, 2, 1407; 1999 RS₂₆, 9, 2, 1; 1999 RY₂₆, 10, 2, 3; 1999 RL₂₇, 10, 2, 3; 1999 RP₂₇, 9, 2, 1; 1999 RT₂₇, 5, 1, 0; 1999 RV₂₇, 12, 3, 3; 1999 RB₂₉, 15, 3, 4; 1999 RW₂₉, 11, 3, 4; 1999 RY₂₉, 5, 1, 0; 1999 RG₃₀, 9, 2, 3; 1999 RN₃₁, 10, 2, 3; 1999 RR₃₁, 10, 2, 3; 1999 RU₃₁, 4, 1, 0; 1999 RF₃₂, 5, 1, 0; 1999 RH₃₂, 7, 2, 3; 1999 RO₃₂, 10, 2, 4; 1999 RQ₃₂, 13, 3, 971; 1999 RS₃₂, 5, 1, 0; 1999 RX₃₂, 9, 2, 3; 1999 RY₃₂, 5, 1, 0; 1999 RA₃₃, 15, 3, 3; 1999 RB₃₃, 5, 1, 0; 1999 RC₃₃, 4, 1, 0; 1999 RP₃₃, 10, 2, 3; 1999 RQ₃₃, 13, 3, 11; 1999 RS₃₃, 5, 1, 0; 1999 RW₃₃, 3, 1, 0; 1999 RF₃₄, 9, 2, 3; 1999 RK₃₄, 5, 1, 0; 1999 RL₃₄, 5, 1, 0; 1999 RM₃₄, 4, 1, 0; 1999 RS₃₄, 9, 2, 3; 1999 RU₃₄, 5, 1, 0; 1999 RX₃₄, 5, 1, 0; 1999 RZ₃₄,

25, 4, 14; 1999 RN₃₅, 3, 1, 0; 1999 RO₃₅, 10, 2, 1; 1999 RT₃₅, 9, 2, 5; 1999 RM₃₆, 5, 1, 0; 1999 RN₃₆, 5, 1, 0; 1999 RS₃₆, 3, 1, 0; 1999 RY₃₆, 7, 2, 2; 1999 RS₃₇, 4, 1, 0; 1999 RT₃₇, 10, 2, 4; 1999 RW₃₇, 5, 1, 0; 1999 RY₃₇, 3, 1, 0; 1999 RD₃₈, 5, 1, 0; 1999 RN₃₈, 19, 4, 5; 1999 RW₃₈, 5, 1, 0; 1999 RX₃₈, 10, 2, 3; 1999 RZ₃₈, 5, 1, 0; 1999 RO₃₉, 9, 2, 3; 1999 RV₃₉, 6, 2, 3; 1999 RC₄₀, 10, 2, 2; 1999 RX₄₁, 5, 1, 0; 1999 RY₄₁, 14, 3, 29; 1999 RL₄₂, 14, 3, 44; 1999 RM₄₂, 8, 2, 4; 1999 RO₄₂, 4, 1, 0; 1999 RQ₄₂, 8, 2, 3; 1999 RR₄₂, 9, 2, 1; 1999 RV₄₂, 5, 1, 0; 1999 RW₄₂, 5, 1, 0; 1999 RZ₄₂, 10, 2, 2; 1999 RC₄₃, 3, 1, 0; 1999 RK₄₃, 4, 1, 0; 1999 RQ₄₃, 5, 1, 0; 1999 RT₄₃, 11, 3, 920; 1999 RV₄₃, 4, 1, 0; 1999 RZ₄₃, 5, 1, 0; 1999 RC₄₄, 10, 2, 13; 1999 RD₄₄, 9, 2, 3; 1999 RF₄₄, 9, 2, 16; 1999 RK₄₄, 4, 1, 0; 1999 RQ₄₄, 4, 1, 0; 1999 RV₄₄, 3, 1, 0; 1999 RY₄₄, 3, 1, 0; 1999 RJ₄₅, 4, 1, 0; 1999 RQ₄₅, 5, 1, 0; 1999 RR₄₅, 9, 2, 4; 1999 RU₄₅, 7, 2, 3; 1999 RA₄₆, 7, 2, 3; 1999 RD₄₆, 14, 3, 15; 1999 RE₄₆, 10, 2, 4; 1999 RG₄₆, 8, 2, 94; 1999 RL₄₆, 9, 2, 93; 1999 RM₄₆, 5, 1, 0; 1999 RP₄₆, 5, 1, 0; 1999 RM₄₇, 9, 2, 1; 1999 RN₄₇, 4, 1, 0; 1999 RX₄₇, 10, 2, 5; 1999 RZ₄₇, 9, 2, 93; 1999 RC₄₈, 5, 1, 0; 1999 RV₄₈, 19, 4, 3; 1999 RV₄₉, 5, 1, 0; 1999 RS₅₀, 4, 1, 0; 1999 RS₅₀, 10, 2, 3; 1999 RJ₅₁, 5, 1, 0; 1999 RJ₅₁, 4, 1, 0; 1999 RA₅₂, 4, 1, 0; 1999 RH₅₂, 5, 1, 0; 1999 RP₅₂, 5, 1, 0; 1999 RS₅₂, 4, 1, 0; 1999 RX₅₂, 10, 2, 3; 1999 RZ₅₂, 8, 2, 1058; 1999 RH₅₃, 5, 1, 0; 1999 RK₅₃, 10, 2, 2; 1999 RF₅₄, 4, 1, 0; 1999 RM₅₄, 5, 1, 0; 1999 RP₅₅, 19, 3, 3; 1999 RY₅₅, 5, 1, 0; 1999 RM₅₆, 4, 1, 0; 1999 RS₅₆, 10, 2, 3; 1999 RL₅₇, 9, 2, 13; 1999 RQ₅₇, 9, 2, 3; 1999 RK₅₈, 7, 2, 4; 1999 RB₅₉, 18, 5, 535; 1999 RU₅₉, 9, 2, 4; 1999 RW₅₉, 5, 1, 0; 1999 RK₆₁, 8, 2, 1; 1999 RK₆₂, 4, 1, 0; 1999 RJ₆₄, 5, 1, 0; 1999 RO₆₄, 8, 2, 3; 1999 RQ₆₄, 23, 5, 510; 1999 RD₆₆, 8, 1, 0; 1999 RL₆₇, 15, 3, 3; 1999 RY₆₇, 5, 1, 0; 1999 RE₆₉, 3, 1, 0; 1999 RO₆₉, 8, 2, 1; 1999 RS₆₉, 10, 2, 3; 1999 RA₇₁, 4, 1, 0; 1999 RG₇₁, 9, 2, 3; 1999 RN₇₁, 14, 3, 11; 1999 RR₇₁, 3, 1, 0; 1999 RF₇₂, 8, 2, 3; 1999 RL₇₂, 3, 1, 0; 1999 RL₇₃, 3, 1, 0; 1999 RL₇₃, 7, 2, 3; 1999 RO₇₃, 5, 1, 0; 1999 RN₇₄, 3, 1, 0; 1999 RR₇₄, 10, 2, 3; 1999 RQ₇₅, 5, 1, 0; 1999 RR₇₅, 5, 1, 0; 1999 RV₇₅, 4, 1, 0; 1999 RL₇₆, 10, 2, 1; 1999 RV₇₈, 12, 3, 29; 1999 RX₈₀, 5, 1, 0; 1999 RC₈₁, 10, 2, 5; 1999 RW₈₁, 9, 2, 3; 1999 RE₈₂, 4, 1, 0; 1999 RH₈₂, 3, 1, 0; 1999 RM₈₂, 11, 3, 975; 1999 RQ₈₂, 10, 2, 3; 1999 RS₈₂, 3, 1, 0; 1999 RH₈₃, 10, 2, 3; 1999 RJ₈₃, 3, 1, 0; 1999 RS₈₃, 4, 1, 0; 1999 RT₈₃, 10, 2, 3; 1999 RV₈₃, 5, 1, 0; 1999 RY₈₃, 8, 2, 32; 1999 RB₈₄, 4, 1, 0; 1999 RC₈₄, 15, 3, 3; 1999 RK₈₄, 5, 1, 0; 1999 RM₈₄, 20, 3, 3; 1999 RT₈₄, 14, 3, 3; 1999 RR₈₅, 4, 1, 0; 1999 RV₈₅, 3, 1, 0; 1999 RE₈₆, 14, 3, 6; 1999 RQ₈₆, 14, 3, 3; 1999 RA₈₇, 5, 1, 0; 1999 RT₈₇, 19, 5, 32; 1999 RG₈₈, 7, 2, 1025; 1999 RP₈₈, 3, 1, 0; 1999 RS₈₈, 3, 1, 0; 1999 RT₈₈, 8, 2, 2; 1999 RX₈₈, 4, 1, 0; 1999 RZ₈₈, 9, 2, 3; 1999 RB₈₉, 5, 1, 0; 1999 RH₈₉, 10, 2, 3; 1999 RK₈₉, 13, 3, 30; 1999 RL₈₉, 5, 1, 0; 1999 RB₈₉, 5, 1, 0; 1999 RB₉₀, 15, 3, 3; 1999 RC₉₀, 10, 2, 3; 1999 RC₉₀, 5, 1, 0; 1999 RH₉₀, 4, 1, 0; 1999 RJ₉₀, 12, 2, 3; 1999 RN₉₀, 7, 2, 1056; 1999 RQ₉₀, 8, 2, 3; 1999 RR₉₀, 5, 1, 0; 1999 RU₉₀, 9, 2, 3; 1999 RX₉₀, 5, 1, 0; 1999 RF₉₁, 5, 1, 0; 1999 RO₉₁, 5, 1, 0; 1999 RQ₉₁, 24, 5, 47; 1999 RF₉₂, 5, 1, 0; 1999 RP₉₂, 7, 2, 32; 1999 RW₉₂, 9, 2, 3; 1999 RX₉₂, 15, 3, 4; 1999 RY₉₂, 18, 4, 32; 1999 RB₉₃, 5, 1, 0; 1999 RF₉₃, 5, 1, 0; 1999 RJ₉₃, 4, 1, 0; 1999 RK₉₃, 3, 1, 0; 1999 RY₉₃, 8, 2, 484; 1999 RF₉₄, 5, 1, 0; 1999 RM₉₄, 3, 1, 0; 1999 RQ₉₄, 14, 3, 60; 1999 RG₉₅, 18, 4, 5; 1999 RL₉₅, 10, 2, 3; 1999 RQ₉₅, 12, 3, 1065; 1999 RT₉₅, 10, 2, 23; 1999 RU₉₅, 10, 2, 2; 1999 RX₉₅, 5, 1, 0; 1999 RT₉₆, 10, 2, 3; 1999 RU₉₆, 9, 2, 143; 1999 RV₉₆, 8, 2, 3; 1999 RK₉₇, 5, 1, 0; 1999 RS₉₇, 15, 3, 3; 1999 RB₉₈, 5, 1, 0; 1999 RH₉₈, 9, 2, 22; 1999 RJ₉₈, 8, 2, 31; 1999 RM₉₈, 10, 2, 3; 1999 RX₉₈, 4, 1, 0; 1999 RB₉₉, 4, 1, 0; 1999 RD₉₉, 4, 1, 0; 1999 RE₉₉, 3, 1, 0; 1999 RY₉₉, 13, 3, 87; 1999 RO₁₀₀, 5, 1, 0; 1999 RP₁₀₁, 4, 1, 0; 1999 RG₁₀₂, 5, 1, 0; 1999 RL₁₀₂, 15, 3, 3; 1999 RQ₁₀₂, 5, 1, 0; 1999 RR₁₀₂, 5, 1, 0; 1999 RS₁₀₂, 5, 1, 0; 1999 RT₁₀₂, 4, 1, 0; 199

1, 0; 1999 TL18, 9, 2, 4; 1999 TT18, 8, 2, 5; 1999 TU18, 10, 2, 2; 1999 TV18, 5, 1, 0; 1999 TA19, 7, 2, 2; 1999 TL19, 9, 2, 1; 1999 TO19, 4, 1, 0; 1999 TR19, 19, 4, 71; 1999 TW19, 15, 3, 3; 1999 TY19, 5, 1, 0; 1999 TA20, 7, 2, 22; 1999 TC20, 5, 1, 0; 1999 TH20, 8, 2, 1; 1999 TP20, 4, 1, 0; 1999 TA21, 8, 2, 12; 1999 TD21, 6, 2, 21; 1999 TW21, 8, 2, 5; 1999 TX21, 10, 2, 5; 1999 TC23, 11, 3, 45; 1999 TN25, 15, 3, 3; 1999 TP25, 10, 2, 3; 1999 TQ25, 5, 1, 0; 1999 TR25, 7, 2, 1364; 1999 TV25, 4, 1, 0; 1999 TZ25, 9, 2, 3; 1999 TB26, 5, 1, 0; 1999 TD26, 5, 1, 0; 1999 TE26, 9, 2, 22; 1999 TF26, 3, 1, 0; 1999 TL26, 5, 1, 0; 1999 TO26, 21, 3, 3; 1999 TQ26, 18, 3, 11; 1999 TG27, 3, 1, 0; 1999 TJ27, 15, 3, 3; 1999 TK27, 5, 1, 0; 1999 TL27, 10, 2, 3; 1999 TN27, 9, 2, 24; 1999 TP27, 10, 2, 3; 1999 TS27, 10, 2, 3; 1999 TJ28, 4, 1, 0; 1999 TL28, 4, 1, 0; 1999 TU28, 4, 1, 0; 1999 TV28, 3, 1, 0; 1999 TW28, 5, 1, 0; 1999 TD29, 5, 1, 0; 1999 TG29, 5, 1, 0; 1999 TT29, 4, 1, 0; 1999 TE30, 3, 1, 0; 1999 TF30, 5, 1, 0; 1999 TH30, 13, 3, 11; 1999 TM30, 4, 1, 0; 1999 TR30, 5, 1, 0; 1999 TX30, 14, 3, 3; 1999 TY30, 15, 3, 3; 1999 TD31, 9, 2, 4; 1999 TF31, 5, 1, 0; 1999 TG31, 4, 1, 0; 1999 TJ31, 10, 2, 3; 1999 TK31, 8, 2, 12; 1999 TT31, 5, 1, 0; 1999 TW31, 18, 3, 25; 1999 TF32, 5, 1, 0; 1999 TO32, 14, 3, 3; 1999 TB33, 19, 4, 30; 1999 TC33, 5, 1, 0; 1999 TG33, 3, 1, 0; 1999 TO33, 4, 1, 0; 1999 TQ33, 15, 4, 11; 1999 TW33, 11, 3, 971; 1999 TD34, 10, 2, 6; 1999 TR35, 4, 1, 0; 1999 TS35, 5, 1, 0; 1999 TW35, 5, 1, 0; 1999 TD36, 15, 3, 4; 1999 TE36, 10, 2, 4; 1999 TF36, 8, 2, 12; 1999 TH36, 4, 1, 0; 1999 TO36, 13, 3, 47; 1999 TP36, 3, 1, 0; 1999 TR36, 5, 1, 0; 1999 TS36, 10, 2, 1; 1999 TU36, 4, 1, 0; 1999 TV36, 20, 4, 5; 1999 TY36, 5, 1, 0; 1999 TZ37, 10, 2, 2; 1999 TD37, 10, 2, 3; 1999 TJ37, 10, 2, 3; 1999 TM37, 10, 2, 3; 1999 TR37, 10, 2, 40; 1999 TV37, 5, 1, 0; 1999 TX37, 4, 1, 0; 1999 TB38, 9, 2, 16; 1999 TC38, 7, 2, 11; 1999 TP38, 5, 1, 0; 1999 TV38, 5, 1, 0; 1999 TN39, 3, 1, 0; 1999 TX39, 10, 2, 3; 1999 TA40, 9, 2, 3; 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2000 BK₅, 9, 2, 3; 2000 BQ₅, 10, 2, 8; 2000 BP₇, 8, 1, 0; 2000 BR₇, 10, 2, 20; 2000 BU₈, 5, 1, 0; 2000 BZ₈, 5, 1, 0; 2000 BX₁₅, 4, 1, 0; 2000 BE₁₆, 4, 1, 0; 2000 BK₁₆, 10, 2, 3; 2000 BD₁₉, 4, 1, 0; 2000 BU₂₂, 10, 2, 3; 2000 BT₂₄, 5, 1, 0; 2000 BQ₂₈, 5, 1, 0; 2000 BJ₂₉, 4, 1, 0; 2000 BQ₃₃, 4, 1, 0; 2000 CQ₃₃, 15, 3, 86; 2000 CR₃, 5, 1, 0; 2000 CW₃, 17, 4, 54; 2000 CX₄, 3, 1, 0; 2000 CS₅, 4, 1, 0; 2000 CS₈, 10, 2, 1; 2000 CB₁₀, 5, 1, 0; 2000 CR₁₂, 14, 3, 2; 2000 CN₂₁, 3, 1, 0; 2000 CK₃₃, 9, 2, 3; 2000 CZ₃₄, 4, 1, 0; 2000 CW₄₉, 4, 1, 0; 2000 CE₅₁, 3, 1, 0; 2000 CJ₆₂, 5, 1, 0; 2000 CZ₇₀, 5, 1, 0; 2000 CR₇₁, 3, 1, 0; 2000 CG₈₃, 3, 1, 0; 2000 CG₉₇, 5, 1, 0; 2000 CK₁₀₃, 3, 1, 0; 2000 CT₁₀₈, 4, 1, 0; 2000 CB₁₁₄, 5, 1, 0; 2000 DZ₃, 3, 1, 0; 2000 DB₁₅, 15, 3, 485; 2000 DU₁₉, 4, 1, 0; 2000 DH₃₂, 1, 1, 0; 2000 DH₇₄, 5, 1, 0; 2000 DH₈₈, 3, 1, 0; 2000 DK₉₂, 9, 2, 28; 2000 DM₉₄, 4, 1, 0; 2000 DZ₁₀₂, 4, 1, 0; 2000 DU₁₀₈, 3, 1, 0; 2000 EY₃, 5, 1, 0; 2000 EA₁₂, 4, 1, 0; 2000 ED₁₅, 4, 1, 0; 2000 ES₁₈, 9, 2, 6; 2000 EY₂₅, 3, 1, 0; 2000 ET₃₂, 4, 1, 0; 2000 EJ₄₀, 4, 1, 0; 2000 EE₄₅, 15, 2, 7; 2000 EB₄₈, 10, 1, 0; 2000 EK₅₆, 8, 1, 0; 2000 EB₅₈, 5, 1, 0; 2000 EF₆₀, 5, 1, 0; 2000 EH₆₁, 3, 1, 0; 2000 ER₆₃, 5, 1, 0; 2000 EY₆₇, 4, 1, 0; 2000 EJ₇₀, 4, 1, 0; 2000 EN₉₀, 4, 1, 0; 2000 EH₉₂, 19, 1, 0; 2000 EW₉₃, 14, 3, 477; 2000 EO₉₇, 3, 1, 0; 2000 EA₁₀₁, 5, 1, 0; 2000 EK₁₀₃, 5, 1, 0; 2000 EE₁₀₄, 5, 1, 0; 2000 EO₁₀₅, 8, 2, 5; 2000 EP₁₀₅, 5, 1, 0; 2000 ER₁₀₅, 4, 1, 0; 2000 EA₁₀₇, 3, 1, 0; 2000 EH₁₀₇, 5, 1, 0; 2000 ED₁₀₈, 5, 1, 0; 2000 EV₁₀₈, 3, 1, 0; 2000 EG₁₁₂, 10, 2, 132; 2000 EB₁₁₃, 3, 1, 0; 2000 ET₁₁₇, 4, 1, 0; 2000 EO₁₂₁, 5, 1, 0; 2000 EL₁₂₆, 17, 4, 1010; 2000 EM₁₂₉, 4, 1, 0; 2000 EF₁₃₄, 13, 3, 897; 2000 EN₁₃₅, 5, 1, 0; 2000 EZ₁₃₆, 5, 1, 0; 2000 ER₁₃₉, 9, 2, 5; 2000 EF₁₄₀, 4, 1, 0; 2000 EA₁₄₂, 20, 4, 120; 2000 EM₁₄₄, 4, 1, 0; 2000 EN₁₅₆, 5, 1, 0; 2000 EQ₁₅₆, 14, 3, 85; 2000 ER₁₆₇, 4, 1, 0; 2000 EM₁₈₄, 4, 1, 0; 2000 EP₁₉₉, 4, 1, 0; 2000 EN₂₀₁, 5, 1, 0; 2000 FB₁, 9, 2, 515; 2000 FC₁, 32, 7, 1205; 2000 FX₂, 5, 1, 0; 2000 FG₁₀, 3, 1, 0; 2000 FM₁₀, 5, 1, 0; 2000 FP₁₁, 9, 2, 28; 2000 FY₁₁, 4, 1, 0; 2000 FL₁₃, 26, 6, 144; 2000 FZ₂₂, 5, 1, 0; 2000 FS₂₅, 13, 3, 8; 2000 FJ₂₉, 9, 2, 8; 2000 FD₃₉, 8, 2, 2; 2000 FZ₃₉, 5, 1, 0; 2000 FB₄₁, 3, 1, 0; 2000 FQ₄₄, 4, 1, 0; 2000 FX₄₈, 4, 1, 0; 2000 FY₄₈, 3, 1, 0; 2000 FJ₆₈, 23, 5, 51; 2000 GO₄₁, 5, 1, 0; 2000 GO₅₀, 5, 1, 0; 2000 GT₅₀, 3, 1, 0; 2000 GM₅₆, 4, 1, 0; 2000 GQ₅₈, 3, 1, 0; 2000 GT₅₈, 4, 1, 0; 2000 GD₇₂, 4, 1, 0; 2000 GJ₇₂, 5, 1, 0; 2000 GQ₇₃, 5, 1, 0; 2000 GQ₇₄, 4, 1, 0; 2000 GM₇₅, 3,

1, 0; 2000 GO₈₁, 12, 2, 1; 2000 GA₈₂, 5, 1, 0; 2000 GK₈₂, 5, 1, 0; 2000 GA₈₅, 4, 1, 0; 2000 GM₉₀, 7, 2, 386; 2000 GH₉₅, 4, 1, 0; 2000 GC₉₉, 4, 1, 0; 2000 GC₁₀₁, 4, 1, 0; 2000 GW₁₀₃, 4, 1, 0; 2000 GU₁₀₅, 4, 1, 0; 2000 GN₁₀₇, 8, 2, 4; 2000 GZ₁₀₈, 4, 1, 0; 2000 GO₁₀₉, 5, 1, 0; 2000 GU₁₂₆, 14, 3, 8; 2000 GW₁₃₂, 5, 1, 0; 2000 GL₁₃₃, 10, 2, 22; 2000 GJ₁₃₆, 10, 2, 2; 2000 GR₁₃₇, 4, 1, 0; 2000 GL₁₄₂, 4, 1, 0; 2000 GE₁₄₈, 5, 1, 0; 2000 GK₁₇₄, 5, 1, 0; 2000 HC₇, 8, 2, 2; 2000 HQ₉, 3, 1, 0; 2000 HQ₁₀, 3, 1, 0; 2000 HD₁₁, 8, 2, 30; 2000 HF₃₀, 12, 3, 72; 2000 HL₄₃, 4, 1, 0; 2000 HZ₅₀, 3, 1, 0; 2000 HP₅₃, 4, 1, 0; 2000 HW₅₄, 5, 1, 0; 2000 HF₅₅, 4, 1, 0; 2000 HS₅₇, 5, 1, 0; 2000 HK₅₈, 5, 1, 0; 2000 HD₅₉, 10, 2, 2; 2000 HC₆₄, 8, 1, 0; 2000 HW₆₅, 5, 1, 0; 2000 HO₈₇, 4, 1, 0; 2000 HO₉₆, 3, 1, 0; 2000 JK₆, 3, 1, 0; 2000 JV₂₅, 8, 2, 3; 2000 JW₂₅, 4, 1, 0; 2000 JZ₄₅, 8, 2, 465; 2000 JS₅₇, 5, 1, 0; 2000 JE₆₂, 4, 1, 0; 2000 JW₆₉, 4, 1, 0; 2000 JP₇₃, 4, 1, 0; 2000 JB₈₁, 4, 1, 0; 2000 KJ₅₈, 3, 1, 0; 2000 KO₇₇, 4, 1, 0; 2000 KX₈₁, 10, 2, 887; 2000 LE₃₆, 3, 1, 0; 2000 MP₁₃, 3, 8; 2000 ND₆, 5, 1, 0; 2000 NY₁₇, 4, 1, 0; 2000 NC₂₈, 3, 1, 0; 2000 OA₃, 4, 1, 0; 2000 OR₇, 4, 1, 0; 2000 OJ₈, 3, 1, 0; 2000 OA₉, 3, 1, 0; 2000 OY₂₁, 15, 3, 3; 2000 OO₂₂, 9, 2, 1; 2000 OD₃₆, 5, 1, 0; 2000 OS₄₃, 5, 1, 0; 2000 OR₅₂, 4, 1, 0; 2000 PD₃, 5, 1, 0; 2000 PC₆, 4, 1, 0; 2000 PL₆, 19, 4, 11; 2000 PR₉, 9, 2, 1; 2000 PQ₁₀, 10, 2, 25; 2000 PT₁₀, 4, 1, 0; 2000 PU₁₀, 9, 2, 25; 2000 PD₁₁, 3, 1, 0; 2000 PW₁₁, 15, 3, 83; 2000 PC₁₂, 4, 1, 0; 2000 PK₁₂, 14, 3, 83; 2000 PB₁₃, 9, 2, 4; 2000 PS₂₁, 5, 1, 0; 2000 PE₂₂, 3, 1, 0; 2000 PF₂₂, 3, 1, 0; 2000 PH₂₂, 24, 5, 84; 2000 PZ₂₄, 5, 1, 0; 2000 PB₂₆, 4, 1, 0; 2000 PU₂₇, 4, 1, 0; 2000 PQ₂₉, 5, 1, 0; 2000 QX₁, 10, 2, 3; 2000 QK₃, 5, 1, 0; 2000 QY₃, 4, 1, 0; 2000 QH₅, 5, 1, 0; 2000 QJ₇, 10, 2, 3; 2000 QS₂₇, 4, 1, 0; 2000 QP₃₉, 9, 2, 28; 2000 QE₃₅, 4, 1, 0; 2000 QO₄₇, 4, 1, 0; 2000 QA₅₄, 4, 1, 0; 2000 QP₅₄, 4, 1, 0; 2000 QS₅₄, 8, 2, 108; 2000 QR₅₅, 5, 1, 0; 2000 QH₅₉, 10, 2, 34; 2000 QB₆₁, 23, 5, 910; 2000 QO₆₂, 10, 2, 46; 2000 QL₆₃, 16, 4, 436; 2000 QG₆₇, 8, 2, 896; 2000 QD₆₉, 4, 1, 0; 2000 QZ₇₂, 4, 1, 0; 2000 QA₇₄, 5, 1, 0; 2000 QD₈₇, 10, 2, 28; 2000 QM₈₈, 4, 1, 0; 2000 QS₉₁, 4, 1, 0; 2000 QH₁₀₂, 4, 1, 0; 2000 QG₁₀₅, 5, 1, 0; 2000 QP₁₀₅, 13, 3, 594; 2000 QB₁₀₆, 21, 5, 529; 2000 QH₁₁₇, 5, 1, 0; 2000 QE₁₂₀, 3, 1, 0; 2000 QN₁₂₂, 8, 2, 31; 2000 QQ₁₂₂, 3, 1, 0; 2000 QW₁₂₂, 3, 1, 0; 2000 QT₁₂₄, 8, 2, 2; 2000 QK₁₂₈, 4, 1, 0; 2000 QM₁₂₈, 5, 1, 0; 2000 QD₁₃₀, 8, 2, 3; 2000 QF₁₃₀, 4, 1, 0; 2000 QG₁₃₀, 5, 1, 0; 2000 QH₁₃₄, 12, 2, 11; 2000 QD₁₄₂, 5, 1, 0; 2000 QG₁₄₇, 5, 1, 0; 2000 QT₁₄₈, 4, 1, 0; 2000 QQ₁₄₉, 5, 1, 0; 2000 QB₁₅₁, 4, 1, 0; 2000 QE₁₅₁, 5, 1, 0; 2000 QL₁₅₉, 4, 1, 0; 2000 QG₁₆₁, 5, 1, 0; 2000 QM₁₆₉, 5, 1, 0; 2000 QU₁₇₁, 3, 1, 0; 2000 QL₁₈₀, 10, 2, 4; 2000 QO₁₈₀, 10, 2, 3; 2000 QR₁₈₀, 5, 1, 0; 2000 QS₁₈₀, 4, 1, 0; 2000 QU₁₈₀, 4, 1, 0; 2000 QV₁₈₀, 5, 1, 0; 2000 QW₁₈₀, 8, 2, 3; 2000 QY₁₈₀, 10, 2, 4; 2000 QZ₁₈₀, 9, 2, 3; 2000 QA₁₈₁, 9, 2, 73; 2000 QB₁₈₁, 23, 5, 1065; 2000 QE₁₈₁, 10, 2, 29; 2000 QK₁₈₁, 12, 3, 10; 2000 QL₁₈₁, 4, 1, 0; 2000 QN₁₈₁, 10, 2, 3; 2000 QP₁₈₁, 10, 2, 3; 2000 QQ₁₈₁, 8, 2, 3; 2000 QS₁₈₁, 3, 1, 0; 2000 QW₁₈₁, 9, 2, 4; 2000 QY₁₈₁, 8, 2, 3; 2000 QK₁₈₂, 5, 1, 0; 2000 QM₁₈₂, 9, 2, 3; 2000 QO₁₈₂, 7, 2, 3; 2000 QX₁₈₂, 9, 2, 1; 2000 QG₁₈₈, 4, 1, 0; 2000 QA₁₉₁, 3, 1, 0; 2000 QU₁₉₁, 50, 10, 969; 2000 QB₁₉₂, 4, 1, 0; 2000 QN₁₉₇, 4, 1, 0; 2000 QQ₂₀₄, 3, 1, 0; 2000 QR₂₀₄, 4, 1, 0; 2000 QY₂₁₃, 5, 1, 0; 2000 QH₂₁₇, 10, 2, 19; 2000 QJ₂₁₇, 3, 1, 0; 2000 QM₂₁₇, 10, 2, 3; 2000 QP₂₁₇, 5, 1, 0; 2000 QU₂₁₇, 4, 1, 0; 2000 QY₂₁₇, 4, 1, 0; 2000 QF₂₂₂, 5, 1, 0; 2000 QP₂₂₉, 9, 2, 614; 2000 RM₄, 5, 1, 0; 2000 RP₄, 5, 1, 0; 2000 RV₄, 5, 1, 0; 2000 RO₇, 3, 1, 0; 2000 RQ₇, 5, 1, 0; 2000 RS₇, 5, 1, 0; 2000 RW₇, 5, 1, 0; 2000 RT₈, 5, 1, 0; 2000 RU₈, 10, 2, 3; 2000 RV₈, 6, 2, 4; 2000 RD₉, 8, 2, 3; 2000 RG₉, 10, 2, 4; 2000 RK₉, 10, 2, 4; 2000 RM₉, 5, 1, 0; 2000 RN₉, 3, 1, 0; 2000 RO₉, 9, 2, 1; 2000 RP₉, 3, 1, 0; 2000 RT₉, 5, 1, 0; 2000 RV₉, 9, 2, 1; 2000 RW₉, 5, 1, 0; 2000 RX₉, 10, 2, 1; 2000 RY₉, 3, 1, 0;

3, 1, 0; 2000 SF39, 5, 1, 0; 2000 SP42, 9, 2, 3; 2000 SU49, 5, 1, 0; 2000 SD50, 4, 1, 0; 2000 SZ67, 3, 1, 0; 2000 SS70, 5, 1, 0; 2000 SN74, 5, 1, 0; 2000 SG76, 1, 1, 0; 2000 ST85, 4, 1, 0; 2000 SP89, 4, 1, 0; 2000 SS107, 19, 4, 476; 2000 SS109, 5, 1, 0; 2000 SP117, 4, 1, 0; 2000 SR120, 4, 1, 0; 2000 SH123, 4, 1, 0; 2000 SE127, 4, 1, 0; 2000 SS127, 4, 1, 0; 2000 SE133, 5, 1, 0; 2000 SN134, 4, 1, 0; 2000 SL137, 8, 2, 52; 2000 SH143, 4, 1, 0; 2000 SS148, 4, 1, 0; 2000 SV148, 3, 1, 0; 2000 SF149, 5, 1, 0; 2000 SB153, 5, 1, 0; 2000 SV153, 7, 2, 832; 2000 SX155, 4, 1, 0; 2000 SC156, 4, 1, 0; 2000 SN158, 4, 1, 0; 2000 SN160, 4, 1, 0; 2000 SP160, 8, 2, 3; 2000 SR160, 9, 2, 4; 2000 SS160, 4, 1, 0; 2000 SW160, 9, 2, 3; 2000 SZ160, 5, 1, 0; 2000 SB161, 10, 2, 2; 2000 SC161, 9, 2, 3; 2000 SF161, 9, 2, 3; 2000 SG161, 9, 2, 4; 2000 SU161, 10, 2, 29; 2000 SG162, 26, 6, 618; 2000 SN163, 4, 1, 0; 2000 SS164, 10, 2, 3; 2000 SO167, 2, 1, 0; 2000 SK176, 4, 1, 0; 2000 SX179, 4, 1, 0; 2000 SZ179, 9, 2, 1; 2000 SA180, 3, 1, 0; 2000 SY181, 31, 7, 585; 2000 SS187, 5, 1, 0; 2000 SM205, 5, 1, 0; 2000 SC207, 4, 1, 0; 2000 SQ208, 5, 1, 0; 2000 SW211, 4, 1, 0; 2000 SS212, 5, 1, 0; 2000 SY212, 4, 1, 0; 2000 SL216, 5, 1, 0; 2000 ST216, 5, 1, 0; 2000 SM217, 5, 1, 0; 2000 SU219, 3, 1, 0; 2000 SY219, 14, 3, 81; 2000 SE220, 5, 1, 0; 2000 SS220, 5, 1, 0; 2000 SM221, 24, 5, 977; 2000 SY221, 5, 1, 0; 2000 SL225, 4, 1, 0; 2000 SS225, 5, 1, 0; 2000 SH226, 10, 2, 1; 2000 SL226, 5, 1, 0; 2000 SP226, 3, 1, 0; 2000 SD227, 7, 2, 3; 2000 SH227, 4, 1, 0; 2000 ST227, 5, 1, 0; 2000 SL232, 10, 2, 3; 2000 SE237, 5, 1, 0; 2000 SP237, 5, 1, 0; 2000 SA238, 5, 1, 0; 2000 SB239, 4, 1, 0; 2000 SH243, 4, 1, 0; 2000 SH260, 4, 1, 0; 2000 SX265, 4, 1, 0; 2000 SC273, 7, 2, 477; 2000 SJ274, 4, 1, 0; 2000 SJ277, 5, 1, 0; 2000 SZ278, 10, 2, 5; 2000 SA279, 9, 2, 3; 2000 SH279, 4, 1, 0; 2000 SL279, 3, 1, 0; 2000 SL280, 4, 1, 0; 2000 SJ285, 4, 1, 0; 2000 SQ287, 10, 2, 4; 2000 SA288, 4, 1, 0; 2000 SC288, 3, 1, 0; 2000 SE288, 5, 1, 0; 2000 SU289, 5, 1, 0; 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2000 YL₈₆, 4, 1, 0; 2000 YV₈₇, 4, 1, 0; 2000 YO₉₁, 5, 1, 0; 2000 YP₉₁, 4, 1, 0; 2000 YS₉₂, 10, 1, 0; 2000 YX₉₂, 5, 1, 0; 2000 YE₉₃, 3, 1, 0; 2000 YE₉₆, 3, 1, 0; 2000 YN₉₆, 7, 2, 1; 2000 YP₉₆, 5, 1, 0; 2000 YQ₉₆, 5, 1, 0; 2000 YR₉₆, 3, 1, 0; 2000 YU₉₆, 4, 1, 0; 2000 YY₉₆, 9, 2, 3; 2000 YA₉₇, 4, 1, 0; 2000 YJ₉₇, 10, 2, 3; 2000 YF₉₇, 3, 1, 0; 2000 YG₉₇, 5, 1, 0; 2000 YJ₉₇, 4, 1, 0; 2000 YL₉₇, 15, 3, 920; 2000 YM₉₇, 9, 2, 5, 531; 2000 YN₉₇, 10, 2, 3; 2000 YO₉₇, 24, 5, 920; 2000 YP₉₇, 5, 1, 0; 2000 YQ₉₇, 7, 2, 3; 2000 YR₉₇, 13, 3, 2; 2000 YU₉₇, 8, 1, 0; 2000 YV₉₇, 5, 1, 0; 2000 YX₉₇, 5, 1, 0; 2000 YN₉₇, 10, 2, 3; 2000 YA₉₈, 9, 2, 1; 2000 YB₉₈, 5, 1, 0; 2000 YC₉₈, 5, 1, 0; 2000 YD₉₈, 7, 2, 3; 2000 YE₉₈, 7, 2, 1; 2000 YG₉₈, 9, 2, 5, 32; 2000 YH₉₈, 9, 2, 3; 2000 YJ₉₈, 9, 2, 3; 2000 YK₉₈, 18, 4, 12; 2000 YN₉₈, 15, 3, 920; 2000 YN₉₈, 12, 3, 12; 2000 YQ₉₈, 9, 2, 1; 2000 YA₉₉, 3, 1, 0; 2000 YB₉₉, 3, 1, 0; 2000 YD₉₉, 20, 5, 1047; 2000 YE₉₉, 4, 1, 0; 2000 YG₉₉, 4, 1, 0; 2000 YJ₉₉, 12, 3, 567; 2000 YK₉₉, 18, 4, 32; 2000 YL₉₉, 9, 2, 1; 2000 YM₉₉, 5, 1, 0; 2000 YQ₉₉, 11, 3, 998; 2000 YR₉₉, 3, 1, 0; 2000 YS₉₉, 10, 2, 497; 2000 YT₉₉, 5, 1, 0; 2000 YW₉₉, 9, 2, 3; 2000 YX₉₉, 20, 4, 497; 2000 YB₁₀₀, 3, 1, 0; 2000 YC₁₀₀, 8, 2, 4; 2000 YF₁₀₀, 4, 1, 0; 2000 YH₁₀₁, 8, 2, 1; 2000 YK₁₀₁, 17, 4, 88; 2000 YL₁₀₁, 15, 3, 32; 2000 YM₁₀₁, 15, 3, 10; 2000 YN₁₀₁, 19, 4, 86; 2000 YP₁₀₁, 4, 1, 0; 2000 YR₁₀₁, 4, 1, 0; 2000 YS₁₀₁, 4, 1, 0; 2000 YT₁₀₁, 17, 4, 585; 2000 YU₁₀₁, 15, 3, 3; 2000 YV₁₀₁, 4, 1, 0; 2000 YA₁₀₂, 4, 1, 0; 2000 YB₁₀₂, 12, 3, 917; 2000 YC₁₀₂, 5, 1, 0; 2000 YD₁₀₂, 3, 1, 0; 2000 YE₁₀₂, 9, 2, 1; 2000 YF₁₀₂, 10, 2, 1; 2000 YH₁₀₂, 4, 1, 0; 2000 YK₁₀₂, 9, 2, 17; 2000 YL₁₀₂, 5, 1, 0; 2000 YR₁₀₂, 26, 6, 434; 2000 YS₁₀₂, 19, 4, 32; 2000 YX₁₀₂, 9, 2, 1; 2000 YY₁₀₂, 21, 5, 525; 2000 YZ₁₀₂, 10, 2, 1; 2000 YC₁₀₃, 9, 2, 1; 2000 YF₁₀₃, 8, 2, 29; 2000 YG₁₀₃, 9, 2, 3; 2000 YJ₁₀₃, 14, 3, 29; 2000 YK₁₀₃, 9, 2, 1; 2000 YN₁₀₃, 4, 1, 0; 2000 YT₁₀₃, 10, 3, 3; 2000 YV₁₀₃, 12, 3, 13; 2000 YX₁₀₃, 10, 2, 3; 2000 YY₁₀₃, 10, 2, 4; 2000 YZ₁₀₃, 10, 2, 4; 2000 YC₁₀₄, 5, 1, 0; 2000 YG₁₀₄, 13, 3, 13; 2000 YH₁₀₄, 15, 3, 11; 2000 YK₁₀₄, 9, 2, 3; 2000 YL₁₀₄, 18, 4, 13; 2000 YP₁₀₄, 10, 2, 4; 2000 YU₁₀₄, 18, 4, 32; 2000 YV₁₀₄, 3, 1, 0; 2000 YX₁₀₄, 9, 2, 4; 2000 YA₁₀₅, 9, 2, 4; 2000 YC₁₀₅, 5, 1, 0; 2000 YD₁₀₅, 8, 2, 3; 2000 YH₁₀₅, 5, 1, 0; 2000 YJ₁₀₅, 5, 1, 0; 2000 YK₁₀₅, 30, 5, 34; 2000 YL₁₀₅, 17, 4, 6; 2000 YM₁₀₅, 24, 5, 918; 2000 YN₁₀₅, 10, 2, 3; 2000 YO₁₀₅, 9, 2, 4; 2000 YQ₁₀₅, 9, 2, 4; 2000 YR₁₀₅, 5, 1, 0; 2000 YS₁₀₅, 12, 3, 20; 2000 YT₁₀₅, 23, 5, 474; 2000 YV₁₀₅, 12, 3, 967; 2000 YC₁₀₆, 10, 2, 21; 2000 YJ₁₀₆, 3, 1, 0; 2000 YR₁₀₉, 14, 3, 92; 2000 YC₁₁₀, 3, 1, 0; 2000 YD₁₁₀, 5, 1, 0; 2000 YE₁₁₀, 5, 1, 0; 2000 YF₁₁₀, 4, 1, 0; 2000 YH₁₁₀, 5, 1, 0; 2000 YO₁₁₀, 19, 4, 615; 2000 YR₁₁₀, 3, 1, 0; 2000 YC₁₁₁, 5, 1, 0; 2000 YF₁₁₁, 4, 1, 0; 2000 YN₁₁₁, 5, 1, 0; 2000 YP₁₁₁, 4, 1, 0; 2000 YS₁₁₁, 5, 1, 0; 2000 YU₁₁₁, 5, 1, 0; 2000 YW₁₁₁, 3, 1, 0; 2000 YB₁₁₂, 5, 1, 0; 2000 YC₁₁₂, 4, 1, 0; 2000 YF₁₁₂, 13, 3, 523; 2000 YL₁₁₂, 14, 3, 5; 2000 YM₁₁₂, 4, 1, 0; 2000 YO₁₁₂, 5, 1, 0; 2000 YQ₁₁₂, 7, 2, 4; 2000 YS₁₁₂, 3, 1, 0; 2000 YT₁₁₂, 4, 1, 0; 2000 YW₁₁₂, 4, 1, 0; 2000 YC₁₁₃, 4, 1, 0; 2000 YE₁₁₃, 10, 2, 3; 2000 YH₁₁₃, 4, 1, 0; 2000 YL₁₁₃, 8, 2, 3; 2000 YN₁₁₃, 3, 1, 0; 2000 YQ₁₁₃, 4, 1, 0; 2000 YR₁₁₃, 9, 2, 3; 2000 YA₁₁₄, 10, 2, 32; 2000 YR₁₁₄, 5, 1, 0; 2000 YT₁₁₄, 14, 3, 1023; 2000 YV₁₁₄, 5, 1, 0; 2000 YZ₁₁₄, 5, 1, 0; 2000 YB₁₁₅, 5, 1, 0; 2000 YC₁₁₅, 8, 2, 3; 2000 YE₁₁₅, 5, 1, 0; 2000 YF₁₁₅, 4, 1, 0; 2000 YG₁₁₅,

5, 1, 0; 2000 YH₁₁₅, 21, 5, 62; 2000 YJ₁₁₅, 10, 2, 4; 2000 YN₁₁₅, 5, 1, 0; 2000 YO₁₁₅, 15, 3, 3; 2000 YP₁₁₅, 32, 7, 1061; 2000 YQ₁₁₅, 9, 2, 3; 2000 YR₁₁₅, 5, 1, 0; 2000 YT₁₁₅, 12, 3, 18; 2000 YU₁₁₅, 5, 1, 0; 2000 YW₁₁₅, 15, 3, 29; 2000 YX₁₁₅, 9, 2, 4; 2000 YY₁₁₅, 5, 1, 0; 2000 YZ₁₁₅, 21, 5, 93; 2000 YA₁₁₆, 9, 2, 5; 2000 YB₁₁₆, 28, 5, 1, 0; 2000 YE₁₁₆, 5, 1, 0; 2000 YH₁₁₆, 8, 2, 12; 2000 YJ₁₁₆, 4, 1, 0; 2000 YK₁₁₆, 13, 3, 41; 2000 YL₁₁₆, 5, 1, 0; 2000 YN₁₁₆, 5, 1, 0; 2000 YR₁₁₆, 5, 1, 0; 2000 YU₁₁₆, 27, 6, 1068; 2000 YU₁₁₆, 15, 3, 3; 2000 YV₁₁₆, 19, 4, 500; 2000 YY₁₁₆, 10, 2, 14; 2000 YZ₁₁₆, 28, 7, 1073; 2000 YB₁₁₇, 5, 1, 0; 2000 YC₁₁₇, 27, 6, 1060; 2000 YD₁₁₇, 9, 2, 12; 2000 YE₁₁₇, 19, 4, 5; 2000 YG₁₁₇, 8, 2, 13; 2000 YH₁₁₇, 5, 1, 0; 2000 YK₁₁₇, 5, 1, 0; 2000 YL₁₁₇, 3, 1, 0; 2000 YM₁₁₇, 27, 6, 487; 2000 YN₁₁₇, 6, 2, 3; 2000 YO₁₁₇, 15, 4, 33; 2000 YP₁₁₇, 4, 1, 0; 2000 YQ₁₁₇, 5, 1, 0; 2000 YR₁₁₇, 9, 2, 4; 2000 YS₁₁₇, 5, 1, 0; 2000 YU₁₁₇, 31, 7, 533; 2000 YW₁₁₇, 5, 1, 0; 2000 YX₁₁₇, 13, 3, 3; 2000 YC₁₁₈, 14, 3, 29; 2000 YD₁₁₈, 9, 2, 29; 2000 YE₁₁₈, 5, 1, 0; 2000 YF₁₁₈, 7, 2, 3; 2000 YG₁₁₈, 5, 1, 0; 2000 YH₁₁₈, 30, 3, 3; 2000 YK₁₁₈, 8, 2, 12; 2000 YN₁₁₈, 4, 1, 0; 2000 YO₁₁₈, 12, 3, 2; 2000 YX₁₁₈, 10, 2, 4; 2000 YZ₁₁₈, 3, 1, 0; 2000 YA₁₁₉, 5, 1, 0; 2000 YD₁₁₉, 20, 4, 6; 2000 YE₁₁₉, 5, 1, 0; 2000 YF₁₁₉, 8, 2, 4; 2000 YH₁₁₉, 3, 1, 0; 2000 YK₁₁₉, 4, 1, 0; 2000 YH₁₂₀, 9, 2, 3; 2000 YJ₁₂₀, 8, 2, 4; 2000 YK₁₂₀, 26, 6, 93; 2000 YL₁₂₀, 10, 2, 4; 2000 YM₁₂₀, 25, 5, 5; 2000 YO₁₂₀, 14, 3, 11; 2000 YP₁₂₀, 34, 7, 527; 2000 YQ₁₂₀, 22, 5, 78; 2000 YR₁₂₀, 13, 3, 18; 2000 YU₁₂₀, 10, 2, 1; 2000 YB₁₂₁, 5, 1, 0; 2000 YF₁₂₁, 32, 6, 579; 2000 YG₁₂₁, 8, 2, 12; 2000 YH₁₂₁, 8, 2, 11; 2000 YI₁₂₁, 39, 8, 960; 2000 YJ₁₂₁, 23, 5, 556; 2000 YK₁₂₁, 9, 2, 65; 2000 YA₁₂₂, 8, 2, 27; 2000 YK₁₂₂, 29, 6, 1070; 2000 YP₁₂₂, 9, 2, 1; 2000 YR₁₂₂, 13, 3, 82; 2000 YG₁₂₃, 15, 3, 5; 2000 YL₁₂₃, 14, 3, 3; 2000 YM₁₂₃, 8, 2, 4; 2000 YO₁₂₃, 19, 4, 18; 2000 YR₁₂₃, 14, 3, 3; 2000 YS₁₂₃, 16, 4, 30; 2000 YT₁₂₃, 9, 2, 834; 2000 YU₁₂₃, 8, 2, 29; 2000 YF₁₂₅, 4, 1, 0; 2000 YH₁₂₅, 24, 5, 102; 2000 YM₁₂₅, 4, 1, 0; 2000 YN₁₂₅, 9, 2, 3; 2000 YO₁₂₅, 14, 3, 4; 2000 YP₁₂₅, 7, 2, 3; 2000 YT₁₂₅, 4, 1, 0; 2000 YU₁₂₅, 16, 4, 914; 2000 YV₁₂₅, 14, 3, 34; 2000 YX₁₂₅, 4, 1, 0; 2000 YZ₁₂₅, 18, 4, 74; 2000 YG₁₂₆, 14, 3, 29; 2000 YH₁₂₆, 3, 1, 0; 2000 YK₁₂₆, 9, 2, 2; 2000 YQ₁₂₆, 10, 2, 5; 2000 YR₁₂₆, 3, 1, 0; 2000 YV₁₂₆, 5, 1, 0; 2000 YW₁₂₆, 19, 4, 34; 2000 YX₁₂₆, 9, 2, 3; 2000 YY₁₂₆, 14, 3, 29; 2000 YZ₁₂₆, 5, 1, 0; 2000 YK₁₂₇, 4, 1, 0; 2000 YM₁₂₇, 16, 4, 33; 2000 YN₁₂₇, 12, 3, 5; 2000 YO₁₂₇, 4, 1, 0; 2000 YQ₁₂₇, 5, 1, 0; 2000 YR₁₂₇, 8, 2, 3; 2000 YB₁₂₈, 5, 1, 0; 2000 YH₁₂₈, 5, 1, 0; 2000 YJ₁₂₈, 25, 5, 588; 2000 YK₁₂₈, 4, 1, 0; 2000 YL₁₂₈, 25, 6, 501; 2000 YO₁₂₈, 24, 5, 85; 2000 YP₁₂₈, 10, 2, 15; 2000 YQ₁₂₈, 12, 3, 525; 2000 YR₁₂₈, 5, 1, 0; 2000 YU₁₂₈, 11, 3, 467; 2000 YA₁₂₉, 3, 1, 0; 2000 YB₁₂₉, 22, 5, 1065; 2000 YC₁₂₉, 3, 1, 0; 2000 YD₁₂₉, 10, 2, 3; 2000 YE₁₂₉, 5, 1, 0; 2000 YF₁₂₉, 14, 3, 1036; 2000 YH₁₂₉, 5, 1, 0; 2000 YJ₁₂₉, 3, 1, 0; 2000 YC₁₃₁, 4, 1, 0; 2000 YD₁₃₁, 4, 1, 0; 2000 YQ₁₃₁, 21, 5, 50; 2000 YS₁₃₁, 10, 2, 3; 2000 YT₁₃₁, 27, 6, 918; 2000 YU₁₃₁, 26, 6, 505; 2000 YV₁₃₁, 5, 1, 0; 2000 YW₁₃₁, 5, 1, 0; 2000 YH₁₃₂, 50, 11, 1003; 2000 YN₁₃₂, 10, 2, 5; 2000 YO₁₃₂, 6, 2, 19; 2000 YQ₁₃₂, 5, 1, 0; 2000 YS₁₃₂, 5, 1, 0; 2000 YU₁₃₂, 5, 1, 0; 2000 YY₁₃₂, 3, 1, 0; 2000 YA₁₃₃, 5, 1, 0; 2000 YB₁₃₃, 5, 1, 0; 2000 YC₁₃₃, 5, 1, 0; 2000 YD₁₃₃, 18, 4, 443; 2000 YE₁₃₃, 5, 1, 0; 2000 YF₁₃₃, 5, 1, 0; 2000 YJ₁₃₃, 4, 1, 0; 2000 YN₁₃₄, 10, 2, 4; 2000 YO₁₃₄, 15, 3, 13; 2000 YK₁₃₅, 4, 1, 0; 2000 YM₁₃₅, 25, 6, 102; 2000 YL₁₃₅, 7, 2, 1; 2000 YV₁₃₆, 37, 8, 1065; 2000 YF₁₃₆, 19, 4, 31; 2000 YM₁₃₆, 15, 3, 93; 2000 YX₁₃₆, 5, 1, 0; 2000 YV₁₃₆, 5, 1, 0; 2000 YD₁₃₇, 4, 1, 0; 2000 YJ₁₃₇, 10, 2, 3; 2000 YK₁₃₇, 5, 1, 0; 2000 YL₁₃₇, 14, 3, 12; 2000 YG₁₃₈, 5, 1, 0; 2000 YK₁₃₈, 11, 3, 113; 2000 YR₁₃₈, 11, 3, 33

10, 2, 1; 2001 AS₁₆, 9, 2, 3; 2001 AT₁₆, 5, 1, 0; 2001 AU₁₆, 13, 3, 11; 2001 AV₁₆, 9, 2, 968; 2001 AW₁₆, 9, 2, 12; 2001 AA₁₇, 10, 2, 1; 2001 AB₁₇, 10, 2, 3; 2001 AC₁₇, 10, 2, 3; 2001 AD₁₇, 15, 3, 11; 2001 AE₁₇, 24, 4, 12; 2001 AF₁₇, 12, 3, 12; 2001 AH₁₇, 9, 2, 3; 2001 AJ₁₇, 4, 1, 0; 2001 AM₁₇, 24, 5, 13; 2001 AN₁₇, 5, 1, 0; 2001 AO₁₇, 13, 3, 11; 2001 AQ₁₇, 8, 2, 24; 2001 AT₁₇, 10, 2, 3; 2001 AU₁₇, 3, 1, 0; 2001 AV₁₇, 16, 4, 535; 2001 AY₁₇, 19, 4, 1037; 2001 AC₁₈, 9, 2, 4; 2001 AE₁₈, 26, 6, 828; 2001 AG₁₈, 5, 1, 0; 2001 AH₁₈, 3, 1, 0; 2001 AL₁₈, 5, 1, 0; 2001 AP₁₈, 14, 4, 442; 2001 AY₁₈, 3, 1, 0; 2001 AZ₁₈, 3, 1, 0; 2001 AE₁₉, 4, 1, 0; 2001 AJ₁₉, 5, 1, 0; 2001 AY₁₉, 8, 2, 139; 2001 AC₂₀, 8, 2, 3; 2001 AP₂₀, 4, 1, 0; 2001 AR₂₀, 4, 1, 0; 2001 AT₂₀, 22, 5, 1031; 2001 AE₂₁, 14, 3, 1026; 2001 AF₂₁, 10, 2, 3; 2001 AJ₂₂, 8, 2, 3; 2001 AX₂₂, 10, 2, 3; 2001 AN₂₃, 9, 2, 3; 2001 AO₂₃, 10, 2, 497; 2001 AR₂₃, 8, 2, 1; 2001 AS₂₃, 5, 1, 0; 2001 AT₂₃, 8, 2, 1002; 2001 AU₂₃, 8, 2, 1; 2001 AC₂₄, 10, 2, 3; 2001 AF₂₄, 9, 2, 3; 2001 AO₂₄, 4, 1, 0; 2001 AT₂₄, 9, 2, 3; 2001 AV₂₄, 4, 1, 0; 2001 AW₂₄, 10, 2, 1; 2001 AA₂₅, 10, 2, 4; 2001 AC₂₅, 4, 1, 0; 2001 AD₂₅, 22, 5, 32; 2001 AE₂₅, 9, 2, 13; 2001 AF₂₅, 5, 1, 0; 2001 AH₂₅, 13, 3, 486; 2001 AK₂₅, 13, 3, 13; 2001 AL₂₅, 12, 3, 13; 2001 AN₂₅, 5, 1, 0; 2001 AP₂₅, 10, 2, 4; 2001 AS₂₅, 3, 1, 0; 2001 AT₂₅, 9, 2, 3; 2001 AU₂₅, 5, 1, 0; 2001 AV₂₅, 11, 3, 10; 2001 AZ₂₅, 13, 3, 909; 2001 AA₂₆, 21, 4, 87; 2001 AB₂₆, 51, 12, 1031; 2001 AD₂₇, 10, 2, 3; 2001 AG₂₇, 8, 2, 3; 2001 AH₂₇, 24, 5, 1032; 2001 AJ₂₇, 5, 1, 0; 2001 AN₂₇, 5, 1, 0; 2001 AP₂₇, 4, 1, 0; 2001 AQ₂₇, 13, 3, 2; 2001 AR₂₇, 5, 1, 0; 2001 AU₂₇, 16, 4, 526; 2001 AV₂₇, 8, 2, 3; 2001 AE₂₈, 20, 5, 471; 2001 AF₂₈, 9, 2, 3; 2001 AG₂₈, 10, 2, 3; 2001 AJ₂₈, 5, 1, 0; 2001 AK₂₈, 25, 5, 8; 2001 AL₂₈, 19, 4, 1030; 2001 AN₂₈, 9, 2, 3; 2001 AZ₂₈, 24, 5, 59; 2001 AB₂₉, 29, 6, 94; 2001 AG₃₀, 4, 1, 0; 2001 AL₃₀, 23, 5, 543; 2001 AP₃₀, 10, 2, 3; 2001 AY₃₀, 9, 2, 4; 2001 AS₃₁, 5, 1, 0; 2001 AV₃₂, 5, 1, 0; 2001 AW₃₂, 5, 1, 0; 2001 AZ₃₂, 14, 3, 58; 2001 AD₃₃, 4, 1, 0; 2001 AH₃₃, 5, 1, 0; 2001 AX₃₃, 5, 1, 0; 2001 AX₃₃, 12, 3, 967; 2001 AY₃₃, 4, 1, 0; 2001 AZ₃₃, 9, 2, 4; 2001 AA₃₄, 5, 1, 0; 2001 AC₃₄, 4, 1, 0; 2001 AD₃₄, 15, 3, 89; 2001 AF₃₄, 23, 4, 88; 2001 AP₃₄, 5, 1, 0; 2001 AX₃₄, 29, 6, 88; 2001 AY₃₄, 11, 3, 13; 2001 AZ₃₄, 5, 1, 0; 2001 AC₃₅, 9, 2, 4; 2001 AJ₃₅, 10, 2, 3; 2001 AN₃₅, 9, 2, 3; 2001 AQ₃₅, 8, 2, 4; 2001 AR₃₅, 18, 4, 79; 2001 AS₃₅, 23, 5, 521; 2001 AW₃₅, 4, 1, 0; 2001 AY₃₅, 6, 2, 3; 2001 AZ₃₅, 5, 1, 0; 2001 AF₃₆, 4, 1, 0; 2001 AG₃₆, 10, 2, 3; 2001 AH₃₆, 5, 1, 0; 2001 AJ₃₆, 4, 1, 0; 2001 AK₃₆, 9, 2, 1028; 2001 AM₃₆, 7, 2, 3; 2001 AN₃₆, 4, 1, 0; 2001 AP₃₆, 15, 4, 59; 2001 AR₃₆, 5, 1, 0; 2001 AS₃₆, 9, 2, 3; 2001 AU₃₆, 10, 2, 3; 2001 AV₃₆, 25, 5, 85; 2001 AY₃₆, 5, 1, 0; 2001 AA₃₇, 10, 2, 3; 2001 AG₃₇, 12, 3, 1024; 2001 AH₃₇, 22, 5, 89; 2001 AK₃₇, 24, 5, 500; 2001 AN₃₇, 26, 6, 830; 2001 AO₃₇, 8, 2, 3; 2001 AR₃₇, 10, 2, 2; 2001 AS₃₇, 15, 2, 3; 2001 AT₃₇, 9, 2, 2; 2001 AU₃₇, 10, 2, 2; 2001 AX₃₇, 5, 1, 0; 2001 AY₃₇, 10, 2, 3; 2001 AA₃₈, 10, 2, 2; 2001 AB₃₈, 10, 2, 3; 2001 AD₃₈, 5, 1, 0; 2001 AE₃₈, 10, 2, 2; 2001 AF₃₈, 5, 1, 0; 2001 AG₃₈, 9, 2, 2; 2001 AH₃₈, 9, 2, 3; 2001 AJ₃₈, 9, 2, 3; 2001 AM₃₈, 10, 2, 3; 2001 AS₃₈, 14, 3, 29; 2001 AT₃₈, 4, 1, 0; 2001 AW₃₈, 5, 1, 0; 2001 AC₃₉, 14, 3, 3; 2001 AE₃₉, 12, 3, 523; 2001 AG₃₉, 5, 1, 0; 2001 AQ₃₉, 7, 2, 1; 2001 AT₃₉, 5, 1, 0; 2001 AZ₃₉, 9, 2, 89; 2001 AB₄₀, 10, 2, 3; 2001 AD₄₀, 4, 1, 0; 2001 AE₄₀, 13, 3, 78; 2001 AN₄₀, 5, 1, 0; 2001 AO₄₀, 10, 2, 3; 2001 AQ₄₀, 5, 1, 0; 2001 AS₄₀, 3, 1, 0; 2001 AW₄₀, 10, 2, 3; 2001 AY₄₀, 4, 1, 0; 2001 AD₄₁, 6, 2, 4; 2001 AE₄₁, 27, 3, 3; 2001 AG₄₁, 4, 1, 0; 2001 AJ₄₁, 3, 1, 0; 2001 AL₄₁, 5, 1, 0; 2001 AM₄₁, 15, 3, 3; 2001 AN₄₁, 10, 2, 494; 2001 AO₄₁, 19, 3, 3; 2001 AQ₄₁, 14, 3, 5; 2001 AR₄₁, 5, 1, 0; 2001 AS₄₁, 17, 4, 11; 2001 AT₄₁, 13, 3, 3; 2001 AU₄₁, 5, 1, 0; 2001 AV₄₁, 15, 3, 3; 2001 AZ₄₁, 17, 4, 32; 2001 AC₄₂, 15, 3, 3; 2001 AH₄₂, 13, 3, 10; 2001 AJ₄₂, 34, 8, 814; 2001 AN₄₂, 4, 1, 0; 2001 AQ₄₂, 5, 1, 0; 2001 AR₄₂, 3, 1, 0; 2001 AU₄₂, 3, 1, 0; 2001 AX₄₂, 12, 3, 59; 2001 AD₄₃, 4, 1, 0; 2001 AF₄₃, 4, 1, 0; 2001 AP₄₃, 7, 2, 18; 2001 AQ₄₃, 19, 4, 78; 2001 AS₄₃, 9, 2, 5; 2001 AU₄₃, 20, 4, 4; 2001 AA₄₄, 10, 2, 2; 2001 AE₄₄, 5, 1, 0; 2001 AF₄₄, 17, 4, 101; 2001 AG₄₄, 12, 2, 2; 2001 AJ₄₄, 10, 2, 2; 2001 AL₄₄, 8, 2, 1; 2001 AN₄₄, 10, 2, 15; 2001 AO₄₄, 24, 3, 3; 2001 AP₄₄, 5, 1, 0; 2001 AQ₄₄, 5, 1, 0; 2001 AR₄₄, 5, 1, 0; 2001 AS₄₄, 12, 3, 1046; 2001 AT₄₄, 14, 3, 4; 2001 AU₄₄, 20, 5, 1030; 2001 AV₄₄, 10, 2, 12; 2001 AW₄₄, 24, 4, 4; 2001 AX₄₄, 5, 1, 0; 2001 AY₄₄, 7, 2, 12; 2001 AZ₄₄, 10, 2, 3; 2001 AA₄₅, 5, 1, 0; 2001 AB₄₅, 5, 1, 0; 2001 AC₄₅, 8, 2, 12; 2001 AD₄₅, 15, 4, 1068; 2001 AE₄₅, 10, 2, 82; 2001 AF₄₅, 23, 5, 1001; 2001 AG₄₅, 10, 2, 3; 2001 AR₄₅, 5, 1, 0; 2001 AT₄₅, 19, 4, 53; 2001 AV₄₅, 3, 1, 0; 2001 AW₄₅, 4, 1, 0; 2001 AZ₄₅, 3, 1, 0; 2001 AE₄₆, 3, 1, 0; 2001 AF₄₆, 4, 1, 0; 2001 AH₄₆, 4, 1, 0; 2001 AR₄₆, 9, 2, 6; 2001 AX₄₆, 4, 1, 0; 2001 AB₄₇, 5, 1, 0; 2001 AE₄₇, 5, 1, 0; 2001 AG₄₇, 10, 2, 8; 2001 AJ₄₇, 11, 3, 2; 2001 AR₄₇, 5, 1, 0; 2001 AS₄₇, 19, 4, 76; 2001 AT₄₇, 8, 2, 27; 2001 AV₄₇, 4, 1, 0; 2001 AF₄₈, 24, 5, 108; 2001 AP₄₈, 4, 1, 0; 2001 AR₄₈, 3, 1, 0; 2001 AS₄₈, 9, 2, 1; 2001 AA₄₉, 7, 2, 29; 2001 AB₄₉, 5, 1, 0; 2001 AE₅₀, 5, 1, 0; 2001 AJ₅₀, 5, 1, 0; 2001 AA₅₁, 8, 2, 42; 2001 AE₅₁, 3, 1, 0; 2001 AY₅₁, 15, 4, 172; 2001 AZ₅₁, 10, 2, 1; 2001 AC₅₂, 8, 2, 59; 2001 AD₅₂, 8, 2, 2; 2001 AF₅₂, 9, 2, 62; 2001 BA₂₄, 4, 85; 2001 BB₅, 5, 1, 0; 2001 BC₄, 4, 1, 0; 2001 BD₅, 5, 1, 0; 2001 BF₅, 5, 1, 0; 2001 BG₅, 5, 1, 0; 2001 BH₈, 8, 2, 5; 2001 BJ₁₀, 2, 5; 2001 BK₅, 5, 1, 0; 2001 BL₅, 5, 1, 0; 2001 BM₁₂, 3, 4; 2001 BN₉, 9, 2, 5; 2001 BO₁₅, 3, 5; 2001 BP₅, 5, 1, 0; 2001 BQ₈, 8, 2, 12; 2001 BR₅, 5, 1, 0; 2001 BS₅, 5, 1, 0; 2001 BT₅, 5, 1, 0; 2001 BV₁₉, 5, 509; 2001 BW₁₄, 3, 87; 2001 BX₁₄, 3, 13; 2001 BY₂₂, 5, 79; 2001 BZ₄₂, 8, 27; 2001 BA₁, 19, 4, 1031; 2001 BB₁, 5, 1, 0; 2001 BC₁, 10, 2, 3; 2001 BG₁, 20, 4, 4; 2001 BJ₁, 14, 3, 2; 2001 BK₁, 8, 2, 3; 2001 BT₁, 10, 2, 3; 2001 BU₁, 27, 7, 1061; 2001 BV₁, 14, 3, 2; 2001 BL₂, 23, 5, 648; 2001 BQ₂, 13, 3, 15; 2001 BT₂, 5, 1, 0; 2001 BV₂, 9, 2, 5; 2001 BY₂, 5, 1, 0; 2001 BZ₂, 9, 2, 1; 2001 BA₃, 14, 3, 3; 2001 BD₃, 8, 2, 3; 2001 BP₃, 4, 1, 0; 2001 BR₃, 3, 1, 0; 2001 BY₃, 4, 1, 0; 2001 BA₄, 9, 2, 5; 2001 BB₄, 11, 3, 1031; 2001 BC₄, 8, 2, 14; 2001 BD₄, 7, 2, 3; 2001 BF₄, 34, 7, 1006; 2001 BG₄, 5, 1, 0; 2001 BH₄, 4, 1, 0; 2001 BM₄, 5, 1, 0; 2001 BN₄, 10, 2, 1; 2001 BO₄, 28, 5, 583; 2001 BQ₄, 9, 2, 3; 2001 BR₄, 19,

4, 80; 2001 BU₄, 23, 5, 5; 2001 BY₄, 10, 2, 5; 2001 BA₅, 19, 4, 493; 2001 BL₅, 5, 1, 0; 2001 BQ₅, 5, 1, 0; 2001 BS₅, 10, 2, 1; 2001 BT₅, 3, 1, 0; 2001 BU₅, 5, 1, 0; 2001 BV₅, 18, 4, 529; 2001 BY₅, 20, 5, 1039; 2001 BZ₅, 15, 4, 1036; 2001 BA₆, 10, 2, 498; 2001 BB₆, 10, 2, 3; 2001 BN₆, 5, 1, 0; 2001 BO₆, 5, 1, 0; 2001 BU₆, 9, 2, 16; 2001 BB₇, 4, 1, 0; 2001 BC₇, 12, 3, 92; 2001 BE₇, 3, 1, 0; 2001 BF₇, 3, 1, 0; 2001 BH₇, 5, 1, 0; 2001 BL₇, 4, 1, 0; 2001 BN₇, 5, 1, 0; 2001 BP₇, 8, 2, 4; 2001 BQ₇, 5, 1, 0; 2001 BS₇, 5, 1, 0; 2001 BT₇, 9, 2, 4; 2001 BU₇, 10, 2, 4; 2001 BX₇, 5, 1, 0; 2001 BY₇, 22, 5, 582; 2001 BZ₇, 3, 1, 0; 2001 BA₈, 9, 2, 4; 2001 BB₈, 5, 1, 0; 2001 BD₈, 5, 1, 0; 2001 BE₈, 10, 2, 5; 2001 BG₈, 20, 5, 527; 2001 BN₈, 5, 1, 0; 2001 BQ₈, 4, 1, 0; 2001 BC₉, 5, 1, 0; 2001 BU₈, 5, 1, 0; 2001 BY₈, 8, 2, 4; 2001 BZ₈, 9, 2, 4; 2001 BA₉, 5, 1, 0; 2001 BC₉, 14, 3, 44; 2001 BF₉, 5, 1, 0; 2001 BG₉, 10, 2, 3; 2001 BH₉, 9, 2, 12; 2001 BJ₉, 26, 6, 532; 2001 BK₉, 28, 6, 1206; 2001 BL₉, 9, 2, 12; 2001 BN₉, 4, 1, 0; 2001 BO₉, 12, 3, 48; 2001 BP₉, 9, 2, 5; 2001 BT₉, 10, 2, 1; 2001 BJ₁₀, 5, 1, 0; 2001 BP₁₀, 3, 1, 0; 2001 BQ₁₀, 9, 2, 47; 2001 BV₁₀, 8, 2, 4; 2001 BE₁₁, 18, 4, 910; 2001 BF₁₁, 5, 1, 0; 2001 BL₁₁, 9, 2, 2; 2001 BO₁₁, 4, 1, 0; 2001 BU₁₂, 15, 2, 2; 2001 BW₁₂, 13, 3, 492; 2001 BX₁₂, 10, 2, 3; 2001 BY₁₂, 9, 2, 2; 2001 BZ₁₂, 5, 1, 0; 2001 BD₁₃, 4, 1, 0; 2001 BE₁₃, 4, 1, 0; 2001 BM₁₃, 4, 1, 0; 2001 BN₁₃, 8, 2, 1; 2001 BP₁₃, 5, 1, 0; 2001 BT₁₃, 25, 6, 453; 2001 BU₁₃, 13, 3, 3; 2001 BV₁₃, 24, 3, 3; 2001 BW₁₃, 10, 2, 5; 2001 BN₁₄, 9, 2, 3; 2001 BO₁₄, 19, 4, 11; 2001 BQ₁₄, 14, 3, 3; 2001 BR₁₄, 19, 4, 11; 2001 BS₁₄, 14, 3, 3; 2001 BT₁₄, 5, 1, 0; 2001 BU₁₄, 23, 3, 3; 2001 BV₁₄, 19, 3, 3; 2001 BW₁₄, 15, 3, 3; 2001 BX₁₄, 23, 6, 1443; 2001 BY₁₄, 10, 2, 3; 2001 BZ₁₄, 13, 3, 15; 2001 BA₁₅, 5, 1, 0; 2001 BB₁₅, 18, 4, 918; 2001 BC₁₅, 20, 3, 15; 2001 BD₁₅, 19, 4, 9; 2001 BE₁₅, 44, 7, 1037; 2001 BF₁₅, 19, 4, 3; 2001 BG₁₅, 15, 3, 3; 2001 BH₁₅, 29, 7, 508; 2001 BJ₁₅, 20, 4, 17; 2001 BK₁₅, 14, 3, 15; 2001 BL₁₅, 32, 7, 487; 2001 BM₁₅, 21, 5, 479; 2001 BN₁₅, 17, 4, 11; 2001 BO₁₅, 10, 2, 3; 2001 BP₁₅, 15, 3, 3; 2001 BQ₁₅, 35, 7, 920; 2001 BR₁₅, 10, 2, 3; 2001 BS₁₅, 42, 9, 827; 2001 BT₁₅, 17, 4, 1332; 2001 BU₁₅, 12, 3, 6; 2001 BV₁₅, 10, 2, 3; 2001 BW₁₅, 9, 2, 1; 2001 BY₁₅, 9, 2, 2; 2001 BZ₁₅, 5, 1, 0; 2001 BM₁₆, 10, 2, 5; 2001 BN₁₆, 5, 1, 0; 2001 BP₁₆, 21, 5, 47; 2001 BS₁₆, 4, 1, 0; 2001 BT₁₆, 9, 2, 5; 2001 BV₁₆, 12, 3, 46; 2001 BY₁₆, 10, 2, 5; 2001 BA₁₇, 13, 3, 41; 2001 BC₁₇, 8, 2, 1; 2001 BG₁₇, 3, 1, 0; 2001 BH₁₈, 10, 2, 5; 2001 BJ₁₈, 5, 1, 0; 2001 BX₁₈, 4, 1, 0; 2001 BY₁₈, 5, 1, 0; 2001 BZ₁₈, 3, 1, 0; 2001 BA₁₉, 3, 1, 0; 2001 BF₁₉, 5, 1, 0; 2001 BH₁₉, 9, 2, 44; 2001 BK₁₉, 9, 2, 4; 2001 BT₁₉, 4, 1, 0; 2001 BV₁₉, 3, 1, 0; 2001 BW₁₉, 21, 5, 918; 2001 BZ₁₉, 5, 1, 0; 2001 BB₂₀, 3, 1, 0; 2001 BC₂₀, 14, 3, 46; 2001 BF₂₀, 18, 4, 499; 2001 BH₂₀, 7, 2, 4; 2001 BP₂₀, 9, 2, 5; 2001 BR₂₀, 8, 2, 5; 2001 BS₂₀, 5, 1, 0; 2001 BT₂₀, 9, 2, 16; 2001 BU₂₀, 3, 1, 0; 2001 BV₂₀, 5, 1, 0; 2001 BW₂₀, 10, 2, 3; 2001 BX₂₀, 18, 4, 19; 2001 BE₂₁, 12, 3, 915; 2001 BH₂₁, 3, 1, 0; 2001 BK₂₁, 15, 4, 1035; 2001 BL₂₁, 8, 2, 3; 2001 BN₂₁, 23, 5, 54; 2001 BU₂₁, 21, 5, 87; 2001 BE₂₂, 5, 1, 0; 2001 BT₂₂, 3, 1, 0; 2001 BZ₂₂, 4, 1, 0; 2001 BG₂₃, 5, 1, 0; 2001 BO₂₃, 8, 2, 1; 2001 BF₂₃, 3, 1, 0; 2001 BS₂₃, 8, 2, 47; 2001 BC₂₄, 15, 3, 495; 2001 BE₂₄, 5, 1, 0; 2001 BF₂₄, 14, 3, 1065; 2001 BJ₂₄, 5, 1, 0; 2001 BL₂₄, 15, 3, 50; 2001 BM₂₄, 4, 1, 0; 2001 BP₂₄, 13, 3, 445; 2001 BS₂₄, 17, 4, 54; 2001 BW₂₄, 7, 2, 1; 2001 BX₂₄, 15, 3, 3; 2001 BZ₂₄, 12, 3, 3; 2001 BA₂₅, 7, 2, 3; 2001 BC₂₅, 8, 2, 2; 2001 BD₂₅, 13, 3, 3; 2001 BE₂₅, 10, 2, 3; 2001 BF₂₅, 8, 2, 3; 2001 BG₂₅, 14, 3, 54; 2001 BJ₂₅, 19, 4, 3; 2001 BK₂₅, 13, 3, 50; 2001 BL₂₅, 19, 4, 3; 2001 BM₂₅, 12, 3, 50; 2001 BN₂₅, 8, 2, 3; 2001 BO₂₅, 10, 2, 3; 2001 BP₂₅, 19, 4, 87; 2001 BQ₂₅, 13, 4, 527; 2001 BU₂₅, 9, 2, 58; 2001 BV₂₅, 15, 4, 87; 2001 BW₂₅, 9, 2, 2; 2001 BY₂₅, 9, 2, 1; 2001 BZ₂₅, 10, 2, 3; 2001 BA₂₆, 18, 4, 87; 2001 BC₂₆, 10, 3, 3; 2001 BD₂₆, 12, 3, 3; 2001 BE₂₆, 6, 2, 1; 2001 BG₂₆, 9, 2, 511; 2001 BH₂₆, 9, 2, 1; 2001 BJ₂₆, 5, 1, 0; 2001 BK₂₆, 31, 7, 967; 2001 BL₂₆, 8, 2, 3; 2001 BM₂₆, 8, 2, 51; 2001 BN₂₆, 11, 3, 3; 200

10, 2, 3; 2001 BG₃₄, 18, 4, 928; 2001 BM₃₄, 23, 5, 4; 2001 BN₃₄, 5, 1, 0; 2001 BO₃₄, 3, 1, 0; 2001 BP₃₄, 10, 2, 3; 2001 BS₃₄, 5, 1, 0; 2001 BT₃₄, 14, 3, 3; 2001 BV₃₄, 18, 4, 20; 2001 BW₃₄, 8, 2, 4; 2001 BY₃₄, 13, 3, 3; 2001 BZ₃₄, 15, 3, 3; 2001 BA₃₅, 10, 2, 3; 2001 BC₃₅, 15, 3, 49; 2001 BD₃₅, 28, 5, 22; 2001 BG₃₅, 21, 5, 1036; 2001 BH₃₅, 5, 1, 0; 2001 BJ₃₅, 13, 3, 3; 2001 BK₃₅, 38, 8, 497; 2001 BL₃₅, 24, 6, 827; 2001 BM₃₅, 3, 1, 0; 2001 BV₃₅, 8, 2, 89; 2001 BW₃₅, 9, 2, 5; 2001 BX₃₅, 5, 1, 0; 2001 BY₃₅, 10, 2, 3; 2001 BF₃₆, 14, 3, 81; 2001 BG₃₆, 4, 1, 0; 2001 BJ₃₆, 5, 1, 0; 2001 BK₃₆, 5, 1, 0; 2001 BL₃₆, 10, 2, 3; 2001 BM₃₆, 14, 3, 413; 2001 BR₃₆, 5, 1, 0; 2001 BN₃₇, 18, 4, 1006; 2001 BG₃₈, 15, 3, 3; 2001 BL₃₈, 28, 6, 91; 2001 BM₃₈, 4, 1, 0; 2001 BO₃₈, 19, 4, 920; 2001 BQ₃₈, 7, 2, 3; 2001 BE₃₉, 5, 1, 0; 2001 BW₃₉, 5, 1, 0; 2001 BX₃₉, 4, 1, 0; 2001 BY₃₉, 7, 2, 439; 2001 BC₄₀, 14, 2, 1; 2001 BD₄₀, 8, 2, 1; 2001 BE₄₀, 14, 4, 7; 2001 BH₄₀, 25, 6, 496; 2001 BL₄₀, 7, 2, 46; 2001 BP₄₀, 3, 1, 0; 2001 BU₄₀, 11, 3, 20; 2001 BV₄₀, 12, 3, 487; 2001 BW₄₀, 10, 2, 32; 2001 BY₄₀, 3, 1, 0; 2001 BA₄₁, 7, 2, 1; 2001 BD₄₁, 15, 3, 3; 2001 BE₄₁, 3, 1, 0; 2001 BF₄₁, 9, 2, 1; 2001 BU₄₁, 18, 4, 84; 2001 BV₄₁, 5, 1, 0; 2001 BJ₄₂, 21, 3, 3; 2001 BL₄₂, 22, 5, 821; 2001 BO₄₂, 10, 2, 49; 2001 BP₄₂, 5, 1, 0; 2001 BQ₄₂, 14, 3, 56; 2001 BS₄₂, 11, 3, 86; 2001 BT₄₂, 4, 1, 0; 2001 BU₄₂, 8, 2, 819; 2001 BV₄₂, 9, 2, 5; 2001 BW₄₂, 5, 1, 0; 2001 BX₄₂, 4, 1, 0; 2001 BY₄₂, 7, 2, 51; 2001 BZ₄₂, 5, 1, 0; 2001 BC₄₃, 5, 1, 0; 2001 BE₄₃, 5, 1, 0; 2001 BD₄₃, 14, 3, 50; 2001 BF₄₃, 15, 3, 508; 2001 BG₄₃, 5, 1, 0; 2001 BJ₄₃, 5, 1, 0; 2001 BK₄₃, 4, 1, 0; 2001 BM₄₃, 5, 1, 0; 2001 BP₄₃, 5, 1, 0; 2001 BR₄₃, 28, 7, 915; 2001 BT₄₃, 12, 3, 69; 2001 BV₄₃, 5, 1, 0; 2001 BX₄₃, 4, 1, 0; 2001 BY₄₃, 15, 3, 486; 2001 BA₄₄, 8, 2, 3; 2001 BM₄₄, 10, 2, 497; 2001 BC₄₄, 7, 2, 3; 2001 BD₄₄, 5, 1, 0; 2001 BE₄₄, 4, 1, 0; 2001 BF₄₄, 14, 3, 45; 2001 BH₄₄, 18, 4, 472; 2001 BJ₄₄, 4, 1, 0; 2001 BK₄₄, 17, 4, 521; 2001 BM₄₄, 8, 2, 495; 2001 BN₄₄, 5, 1, 0; 2001 BS₄₄, 15, 3, 522; 2001 BU₄₄, 5, 1, 0; 2001 BW₄₄, 4, 1, 0; 2001 BX₄₄, 10, 2, 489; 2001 BY₄₄, 8, 2, 380; 2001 BA₄₅, 4, 1, 0; 2001 BB₄₅, 5, 1, 0; 2001 BJ₄₅, 10, 2, 3; 2001 BK₄₅, 9, 2, 82; 2001 BL₄₅, 19, 4, 588; 2001 BM₄₅, 9, 2, 51; 2001 BN₄₅, 18, 4, 117; 2001 BX₄₅, 5, 1, 0; 2001 BA₄₆, 3, 1, 0; 2001 BK₄₆, 5, 1, 0; 2001 BN₄₆, 3, 1, 0; 2001 BW₄₆, 5, 1, 0; 2001 BY₄₆, 13, 3, 972; 2001 BZ₄₆, 12, 3, 501; 2001 BD₄₇, 4, 1, 0; 2001 BJ₄₇, 5, 1, 0; 2001 BL₄₇, 4, 1, 0; 2001 BN₄₇, 12, 3, 471; 2001 BO₄₇, 5, 1, 0; 2001 BP₄₇, 8, 2, 3; 2001 BQ₄₇, 10, 2, 3; 2001 BR₄₇, 18, 4, 3; 2001 BS₄₇, 5, 1, 0; 2001 BV₄₇, 9, 2, 5; 2001 BW₄₇, 50, 10, 920; 2001 BY₄₇, 10, 2, 3; 2001 BB₄₈, 27, 6, 538; 2001 BC₄₈, 4, 1, 0; 2001 BD₄₈, 5, 1, 0; 2001 BG₄₈, 3, 1, 0; 2001 BJ₄₈, 8, 2, 501; 2001 BL₄₈, 4, 1, 0; 2001 BR₄₈, 7, 2, 83; 2001 BT₄₈, 10, 2, 497; 2001 BW₄₈, 4, 1, 0; 2001 BX₄₈, 4, 1, 0; 2001 BA₄₉, 5, 1, 0; 2001 BD₄₉, 8, 2, 16; 2001 BK₄₉, 26, 6, 495; 2001 BM₄₉, 10, 2, 3; 2001 BO₄₉, 4, 1, 0; 2001 BA₅₀, 5, 1, 0; 2001 BC₅₀, 5, 1, 0; 2001 BD₅₀, 5, 1, 0; 2001 BE₅₀, 5, 1, 0; 2001 BF₅₀, 19, 4, 472; 2001 BL₅₀, 9, 2, 562; 2001 BM₅₀, 19, 4, 430; 2001 BO₅₀, 12, 3, 9; 2001 BQ₅₀, 3, 1, 0; 2001 BR₅₀, 8, 2, 14; 2001 BS₅₀, 3, 1, 0; 2001 BV₅₀, 10, 2, 4; 2001 BW₅₀, 22, 4, 452; 2001 BX₅₀, 25, 5, 491; 2001 BY₅₀, 12, 3, 510; 2001 BZ₅₀, 10, 2, 42; 2001 BA₅₁, 10, 2, 13; 2001 BB₅₁, 4, 1, 0; 2001 BD₅₁, 8, 2, 3; 2001 BE₅₁, 4, 1, 0; 2001 BH₅₁, 5, 1, 0; 2001 BT₅₁, 7, 2, 38; 2001 BX₅₁, 5, 1, 0; 2001 BK₅₂, 3, 1, 0; 2001 BA₅₃, 8, 2, 1; 2001 BC₅₃, 5, 1, 0; 2001 BD₅₃, 24, 6, 1326; 2001 BF₅₃, 5, 1, 0; 2001 BK₅₃, 4, 1, 0; 2001 BN₅₃, 5, 1, 0; 2001 BO₅₃, 17, 3, 4; 2001 BP₅₃, 8, 2, 12; 2001 BQ₅₃, 5, 1, 0; 2001 BW₅₃, 5, 1, 0; 2001 BA₅₄, 11, 3, 46; 2001 BC₅₄, 5, 1, 0; 2001 BD₅₄, 19, 4, 50; 2001 BE₅₄, 10, 2, 3; 2001 BF₅₄, 29, 7, 511; 2001 BJ₅₄, 9, 2, 3; 2001 BK₅₄, 7, 2, 3; 2001 BL₅₄, 14, 3, 3; 2001 BM₅₄, 10, 2, 3; 2001 BO₅₄, 10, 2, 3; 2001 BP₅₄, 35, 8, 1064; 2001 BR₅₄, 12, 3, 47; 2001 BW₅₄, 13, 3, 118; 2001 BX₅₄, 15, 3, 466; 2001 BY₅₄, 22, 5, 112; 2001 BR₅₅, 4, 1, 0; 2001 BE₅₆, 5, 1, 0; 2001 BD₅₆, 4, 1, 0; 2001 BF₅₆, 4, 1, 0; 2001 BH₅₆, 6, 2, 44; 2001 BJ₅₆, 10, 2, 45; 2001 BK₅₆, 25, 6, 1441; 2001 BL₅₆, 4, 1, 0; 2001 BP₅₆, 10, 2, 3; 2001 BS₅₆, 8, 2, 1; 2001 BT₅₆, 9, 2, 3; 2001 BU₅₆, 3, 1, 0; 2001 BV₅₆, 4, 1, 0; 2001 BZ₅₆, 13, 3, 45; 2001 BD₅₇, 10, 2, 18; 2001 BF₅₇, 12, 3, 49; 2001 BJ₅₇, 4, 1, 0; 2001 BT₅₇, 3, 1, 0; 2001 BV₅₇, 14, 3, 3; 2001 BW₅₇, 4, 1, 0; 2001 BX₅₇, 3, 1, 0; 2001 BY₅₇, 14, 3, 3; 2001 BZ₅₇, 4, 1, 0; 2001 BA₅₈, 17, 4, 50; 2001 BB₅₈, 11, 3, 3; 2001 BC₅₈, 14, 3, 3; 2001 BD₅₈, 19, 4, 920; 2001 BE₅₈, 13, 3, 3; 2001 BF₅₈, 13, 3, 3; 2001 BG₅₈, 9, 2, 508; 2001 BH₅₈, 14, 3, 3; 2001 BK₅₈, 4, 1, 0; 2001 BL₅₈, 9, 2, 2; 2001 BN₅₈, 18, 4, 494; 2001 BP₅₈, 5, 1, 0; 2001 BQ₅₈, 20, 3, 3; 2001 BR₅₈, 13, 3, 4; 2001 BS₅₈, 13, 3, 3; 2001 BU₅₈, 19, 4, 22; 2001 BV₅₈, 15, 3, 18; 2001 BW₅₈, 14, 3, 4; 2001 BY₅₈, 10, 2, 1; 2001 BS₅₉, 19, 3, 3; 2001 BC₅₉, 10, 2, 3; 2001 BD₅₉, 10, 2, 3; 2001 BE₅₉, 28, 4, 3; 2001 BF₅₉, 3, 1, 0; 2001 BG₅₉, 38, 8, 1014; 2001 BJ₅₉, 9, 2, 3; 2001 BK₅₉, 10, 3, 476; 2001 BL₅₉, 14, 3, 88; 2001 BM₅₉, 8, 2, 30; 2001 BN₅₉, 4, 1, 0; 2001 BO₅₉, 19, 4, 49; 2001 BP₅₉, 5, 1, 0; 2001 BR₅₉, 13, 3, 88; 2001 BS₅₉, 4, 1, 0; 2001 BT₅₉, 10, 3, 64; 2001 BX₅₉, 13, 3, 11; 2001 BY₅₉, 19, 3, 11; 2001 BZ₅₉, 10, 2, 3; 2001 BA₆₀, 10, 2, 3; 2001 BB₆₀, 10, 2, 3; 2001 BC₆₀, 10, 2, 3; 2001 BG₆₀, 17, 4, 58; 2001 BH₆₀, 10, 2, 3; 2001 BJ₆₀, 24, 6, 518; 2001 BK₆₀, 5, 1, 0; 2001 BN₆₀, 4, 1, 0; 2001 BP₆₀, 5, 1, 0; 2001 BQ₆₀, 14, 3, 61; 2001 BX₆₀, 17, 4, 1403; 2001 BY₆₀, 24, 6, 51; 2001 BB₆₁, 5, 1, 0; 2001 BQ₆₁, 5, 1, 0; 2001 BR₆₁, 20, 4, 32; 2001 BS₆₁, 17, 4, 501; 2001 BT₆₁, 40, 9, 928; 2001 BU₆₁, 29, 6, 49; 2001 BV₆₁, 44, 9, 495; 2001 BW₆₁, 11, 2, 2; 2001 BX₆₁, 9, 2, 3; 2001 BY₆₁, 4, 1, 0; 2001 BA₆₂, 10, 2, 2; 2001 BC₆₂, 10, 2, 3, 29; 2001 BD₆₂, 4, 1, 0; 2001 BE₆₂, 5, 1, 0; 2001 BF₆₂, 5, 1, 0; 2001 BG₆₂, 10, 2, 3; 2001 BH₆₂, 14, 3, 11; 2001 BJ₆₂, 13, 3, 528; 2001 BL₆₂, 9, 2, 3; 2001 BM₆₂, 14, 3, 48; 2001 BN₆₂, 13, 3, 408; 2001 BO₆₂, 21, 5, 85; 2001 BP₆₂, 14, 3, 31; 2001 BQ₆₂, 15, 3, 48; 2001 BR₆₂, 13, 3, 48; 2001 BS₆₂, 8, 2, 3; 2001 BT₆₂, 19, 4, 50; 2001 BV₆₂, 24, 4, 1070; 2001 BX₆₂, 12, 3, 48; 2001 BY₆₂, 13, 3, 47; 2001 BZ₆₂, 14, 3, 3; 2001 BA₆₃, 4, 1, 0; 2001 BC₆₃, 40, 9, 505; 2001 BD₆₃, 14, 3, 33; 2001 BF₆₃, 25, 6, 49; 2001 BG₆₃, 15, 3, 3; 2001 BH₆₃, 8, 2, 30; 2001 BJ₆₃, 20, 3, 3; 2001 BM₆₃, 8, 2, 30; 2001 BO₆₃, 22, 4, 33; 2001 BP₆₃, 4, 1, 0; 2001 BQ₆₃, 14, 3, 3; 2001 BS₆₃, 18, 4, 534; 2001 BT₆₃, 4, 1, 0; 2001 BU₆₃, 28,

6, 496; 2001 BV₆₃, 19, 4, 587; 2001 BW₆₃, 15, 3, 32; 2001 BX₆₃, 12, 3, 41; 2001 BY₆₃, 9, 2, 31; 2001 BZ₆₃, 24, 5, 488; 2001 BB₆₄, 15, 3, 33; 2001 BC₆₄, 9, 2, 30; 2001 BE₆₄, 22, 4, 48; 2001 BF₆₄, 7, 2, 30; 2001 BH₆₄, 10, 2, 3; 2001 BJ₆₄, 5, 1, 0; 2001 BM₆₄, 18, 5, 1420; 2001 BO₆₄, 20, 4, 56; 2001 BQ₆₄, 9, 2, 3; 2001 BR₆₄, 4, 1, 0; 2001 BS₆₄, 9, 2, 3; 2001 BT₆₄, 9, 2, 3; 2001 BU₆₄, 18, 4, 30; 2001 BD₆₅, 4, 1, 0; 2001 BG₆₅, 5, 1, 0; 2001 BH₆₅, 5, 1, 0; 2001 BJ₆₅, 4, 1, 0; 2001 BK₆₅, 4, 1, 0; 2001 BM₆₅, 3, 1, 0; 2001 BN₆₅, 4, 1, 0; 2001 BP₆₅, 5, 1, 0; 2001 BQ₆₅, 14, 3, 1329; 2001 BS₆₅, 5, 1, 0; 2001 BT₆₅, 20, 5, 816; 2001 BX₆₅, 9, 2, 3; 2001 BZ₆₅, 9, 2, 48; 2001 BB₆₆, 8, 2, 51; 2001 BC₆₆, 10, 2, 44; 2001 BJ₆₆, 5, 1, 0; 2001 BK₆₆, 12, 3, 439; 2001 BL₆₆, 5, 1, 0; 2001 BM₆₆, 5, 1, 0; 2001 BN₆₆, 5, 1, 0; 2001 BO₆₆, 3, 1, 0; 2001 BR₆₆, 8, 2, 43; 2001 BU₆₆, 5, 1, 0; 2001 BX₆₆, 5, 1, 0; 2001 BY₆₆, 3, 1, 0; 2001 BZ₆₆, 23, 4, 32; 2001 BC₆₇, 13, 3, 494; 2001 BE₆₇, 13, 3, 56; 2001 BF₆₇, 5, 1, 0; 2001 BG₆₇, 5, 1, 0; 2001 BH₆₇, 33, 7, 492; 2001 BJ₆₇, 3, 1, 0; 2001 BM₆₇, 8, 2, 28; 2001 BO₆₇, 20, 3, 32; 2001 BT₆₇, 24, 3, 3; 2001 BV₆₇, 42, 8, 57; 2001 BX₆₇, 20, 3, 3; 2001 BY₆₇, 15, 3, 31; 2001 BZ₆₇, 15, 3, 32; 2001 BA₆₈, 26, 6, 497; 2001 BC₆₈, 41, 8, 504; 2001 BD₆₈, 39, 6, 80; 2001 BE₆₈, 15, 3, 47; 2001 BF₆₈, 10, 2, 3; 2001 BG₆₈, 15, 3, 32; 2001 BJ₆₈, 12, 3, 12; 2001 BL₆₈, 12, 3, 4; 2001 BM₆₈, 22, 4, 32; 2001 BN₆₈, 22, 4, 47; 2001 BP₆₈, 14, 3, 4; 2001 BQ₆₈, 15, 3, 32; 2001 BU₆₈, 25, 5, 918; 2001 BV₆₈, 10, 2, 3; 2001 BX₆₈, 19, 4, 85; 2001 BY₆₈, 15, 3, 47; 2001 BZ₆₈, 10, 2, 3; 2001 BA₆₉, 13, 3, 11; 2001 BC₆₉, 9, 2, 3; 2001 BE₆₉, 15, 3, 47; 2001 BF₆₉, 14, 3, 47; 2001 BG₆₉, 21, 5, 497; 2001 BH₆₉, 14, 3, 32; 2001 BK₆₉, 23, 5, 85; 2001 BN₆₉, 8, 2, 3; 2001 BP₆₉, 3, 1, 0; 2001 BQ₆₉, 15, 3, 32; 2001 BR₆₉, 8, 2, 3; 2001 BS₆₉, 18, 4, 47; 2001 BT₆₉, 15, 3, 47; 2001 BU₆₉, 17, 4, 436; 2001 BV₆₉, 14, 3, 47; 2001 BX₆₉, 17, 4, 45; 2001 BY₆₉, 5, 1, 0; 2001 BA₇₀, 13, 3, 35; 2001 BD₇₀, 15, 3, 32; 2001 BF₇₀, 3, 1, 0; 2001 BL₇₀, 4, 1, 0; 2001 BN₇₀, 13, 3, 3; 2001 BQ₇₀, 15, 3, 3; 2001 BR₇₀, 9, 2, 5; 2001 BS₇₀, 17, 4, 48; 2001 BT₇₀, 14, 3, 46; 2001 BU₇₀, 16, 4, 48; 2001 BV₇₀, 10, 2, 1; 2001 BX₇₀, 21, 5, 50; 2001 BY₇₀, 18, 5, 1441; 2001 BZ₇₀, 17, 4, 50; 2001 BC₇₁, 31, 6, 49; 2001 BE₇₁, 16, 4, 48; 2001 BF₇₁, 21, 5, 502; 2001 BG₇₁, 15, 4, 495; 2001 BJ₇₁, 19, 4, 49; 2001 BN₇₁, 41, 6, 1065; 2001 BO₇₁, 25, 5, 33; 2001 BP₇₁, 23, 5, 50; 2001 BQ₇₁, 21, 5, 1003; 2001 BR₇₁, 16, 4, 32; 2001 BT₇₁, 22, 5, 85; 2001 BU₇₁, 10, 2, 1; 2001 BX₇₁, 17, 4, 32; 2001 BY₇₁, 16, 4, 32; 2001 BZ₇₁, 9, 2, 1; 2001 BD₇₂, 9, 2, 1; 2001 BG₇₂, 5, 1, 0; 2001 BJ₇₂, 19, 4, 43; 2001 BK₇₂, 14, 3, 54; 2001 BM₇₂, 13, 4, 47; 2001 BN₇₂, 22, 5, 502; 2001 BP₇₂, 4, 1, 0; 2001 BQ₇₂, 5, 1, 0; 2001 BR₇₂, 13, 3, 27; 2001 BS₇₂, 12, 3, 29; 2001 BT₇₂, 8, 2, 17; 2001 BU₇₂, 8, 2, 17; 2001 BV₇₂, 4, 1, 0; 2001 BW₇₂, 3, 1, 0; 2001 BX₇₂, 7, 2, 22; 2001 BY₇₂, 18, 4, 49; 2001 BZ₇₂, 3, 1, 0; 2001 BA₇₃, 24, 5, 34; 2001 BB₇₃, 42, 10, 498; 2001 BC₇₃, 3, 1, 0; 2001 BD₇₃, 5, 1, 0; 2001 BE₇₃, 15, 3, 29; 2001 BF₇₃, 11, 3, 13; 2001 BG₇₃, 12, 3, 478; 2001 BH₇₃, 3, 1, 0; 2001 BJ₇₃, 7, 2, 9; 2001 BK₇₃, 19, 4, 913; 2001 BL₇₃, 9, 2, 13; 2001 BM₇₃ *, 33, 6, 32; 2001 BN₇₃, 3, 1, 0; 2001 BO₇₃ *, 3, 1, 0; 2001 BP₇₃, 14, 4, 982; 2001 BQ₇₃, 5, 1, 0; 2001 BR₇₃ *, 8, 2, 26; 2001 BS₇₃, 23, 3, 32; 2001 BT₇₃, 5, 1, 0; 2001 BU₇₃, 17, 4, 32; 2001 BV₇₃, 12, 3, 32; 2001 BW₇₃, 9, 2, 12; 2001 BX₇₃, 9, 2, 12; 2001 BY₇₃, 11, 3, 20; 2001 BZ₇₃, 5, 1, 0; 2001 BA₇₄ *, 4, 1, 0; 2001 BB₇₄, 4, 1, 0; 2001 BC₇₄ *, 38, 8, 914; 2001 BD₇₄, 16, 4, 46; 2001 BE₇₄, 30, 6, 94; 2001 BF₇₄, 8, 1, 0; 2001 BH₇₄, 12, 3, 44; 2001 BJ₇₄ *, 14, 3, 22; 2001 BK₇₄ *, 16, 4, 33; 2001 BL₇₄ *, 25, 6, 532; 2001 BM₇₄ *, 18, 4, 32; 2001 BN₇₄ *, 11, 3, 22; 2001 BO₇₄ *, 29, 7, 479; 2001 BP₇₄, 18, 4, 32; 2001 BR₇₄, 15, 4, 19; 2001 BS₇₄, 4, 1, 0; 2001 BU₇₄ *, 14, 3, 20; 2001 BV₇₄ *, 14, 3, 20; 2001 BW₇₄ *, 14, 3, 20; 2001 BX₇₄ *, 18, 4, 54; 2001 BY₇₄ *, 21, 5, 44; 2001 BZ₇₄ *, 14, 3, 50; 2001 BA₇₅ *, 11, 3, 20; 2001 BB₇₅ *, 3, 1, 0; 2001 BC₇₅, 9, 3, 30; 2001 BD₇₅, 5, 1, 0; 2001 BE₇₅, 6, 2, 10; 2001 BF₇₅, 16, 4, 22; 2001 BG₇₅, 18, 4, 20; 2001 BH₇₅, 20, 4, 20; 2001 BJ₇₅, 15, 4, 20; 2001 BK₇₅, 14, 3

32; 2001 BU₇₉ *, 12, 4, 32; 2001 BW₇₉ *, 14, 3, 30; 2001 BX₇₉ *, 3, 1, 0; 2001 BY₇₉ *, 10, 3, 30; 2001 BZ₇₉ *, 46, 8, 1038; 2001 BA₈₀ *, 12, 3, 32; 2001 BB₈₀ *, 4, 1, 0; 2001 BC₈₀ *, 26, 5, 534; 2001 BD₈₀ *, 4, 1, 0; 2001 BE₈₀ *, 7, 2, 5; 2001 BF₈₀ *, 4, 1, 0; 2001 BG₈₀ *, 9, 2, 27; 2001 BH₈₀ *, 4, 1, 0; 2001 BJ₈₀ *, 4, 1, 0; 2001 BK₈₀ *, 3, 1, 0; 2001 BL₈₀ *, 3, 1, 0; 2001 BM₈₀ *, 5, 1, 0; 2001 BN₈₀ *, 4, 1, 0; 2001 BO₈₀ *, 4, 1, 0; 2001 BP₈₀ *, 4, 1, 0; 2001 BQ₈₀ *, 5, 1, 0; 2001 BR₈₀ *, 12, 3, 29; 2001 BS₈₀ *, 3, 1, 0; 2001 BT₈₀ *, 5, 1, 0; 2001 BU₈₀ *, 7, 2, 29; 2001 BV₈₀ *, 4, 1, 0; 2001 BZ₈₀ *, 10, 3, 32; 2001 BB₈₁ *, 4, 1, 0; 2001 BC₈₁ *, 15, 3, 27; 2001 BD₈₁ *, 4, 1, 0; 2001 BE₈₁ *, 4, 1, 0; 2001 BF₈₁ *, 5, 1, 0; 2001 BG₈₁ *, 9, 2, 27; 2001 BK₈₁ *, 4, 1, 0; 2001 BL₈₁ *, 4, 1, 0; 2001 BM₈₁ *, 4, 1, 0; 2001 BN₈₁ *, 4, 1, 0; 2001 BO₈₁ *, 4, 1, 0; 2001 CA, 28, 6, 32; 2001 CC, 11, 3, 21; 2001 CF, 36, 8, 1006; 2001 CG, 20, 4, 89; 2001 CH, 37, 8, 830; 2001 CJ, 17, 4, 44; 2001 CL, 17, 3, 32; 2001 CN, 27, 6, 116; 2001 CO, 18, 3, 53; 2001 CP, 40, 9, 547; 2001 CR, 8, 2, 22; 2001 CS, 20, 5, 87; 2001 CT, 8, 2, 32; 2001 CV, 14, 3, 498; 2001 CX, 20, 4, 47; 2001 CY, 28, 6, 49; 2001 CZ, 10, 2, 29; 2001 CA₁₁ *, 5, 1, 0; 2001 CB₁₁ *, 14, 3, 497; 2001 CD₁₁ *, 15, 3, 32; 2001 CF₁₁ *, 15, 3, 47; 2001 CG₁₁ *, 20, 3, 3; 2001 CH₁₁ *, 25, 5, 522; 2001 CI₁₁ *, 13, 3, 32; 2001 CO₁₁ *, 15, 3, 32; 2001 CQ₁₁ *, 9, 2, 3; 2001 CR₁₁ *, 14, 3, 32; 2001 CS₁₁ *, 9, 2, 3; 2001 CV₁₁ *, 10, 2, 3; 2001 CW₁₁ *, 23, 5, 972; 2001 CX₁₁ *, 20, 4, 47; 2001 CY₁₁ *, 19, 4, 47; 2001 CZ₁₁ *, 19, 4, 47; 2001 CA₁₂ *, 12, 3, 440; 2001 CB₁₂ *, 15, 3, 29; 2001 CC₁₂ *, 15, 3, 32; 2001 CF₁₂ *, 24, 5, 502; 2001 CG₁₂ *, 14, 3, 53; 2001 CH₁₂ *, 15, 3, 32; 2001 CK₁₂ *, 15, 3, 32; 2001 CM₁₂ *, 29, 5, 34; 2001 CN₁₂ *, 35, 5, 34; 2001 CO₁₂ *, 24, 5, 95; 2001 CP₁₂ *, 15, 3, 32; 2001 CQ₁₂ *, 14, 3, 32; 2001 CS₁₂ *, 14, 3, 32; 2001 CT₁₂ *, 20, 4, 32; 2001 CU₁₂ *, 22, 5, 1026; 2001 CX₁₂ *, 19, 4, 435; 2001 CZ₁₂ *, 13, 3, 32; 2001 CA₃ *, 9, 2, 3; 2001 CB₃ *, 15, 3, 32; 2001 CC₃ *, 15, 3, 32; 2001 CD₃ *, 14, 3, 32; 2001 CE₃ *, 10, 2, 3; 2001 CF₃ *, 8, 2, 3; 2001 CG₃ *, 14, 3, 32; 2001 CH₃ *, 24, 4, 32; 2001 CI₃ *, 10, 2, 3; 2001 CJ₃ *, 22, 5, 478; 2001 CK₃ *, 15, 3, 32; 2001 CL₃ *, 15, 3, 32; 2001 CM₃ *, 14, 3, 32; 2001 CN₃ *, 19, 4, 497; 2001 CO₃ *, 8, 2, 3; 2001 CP₃ *, 15, 3, 43; 2001 CQ₃ *, 35, 8, 1035; 2001 CR₃ *, 43, 9, 596; 2001 CA₄ *, 15, 3, 35; 2001 CB₄ *, 15, 3, 32; 2001 CD₄ *, 25, 5, 48; 2001 CE₄ *, 13, 3, 496; 2001 CF₄ *, 26, 5, 33; 2001 CH₄ *, 18, 4, 41; 2001 CJ₄ *, 20, 4, 47; 2001 CL₄ *, 15, 3, 32; 2001 CN₄ *, 14, 3, 32; 2001 CO₄ *, 15, 3, 32; 2001 CP₄ *, 15, 3, 32; 2001 CR₄ *, 20, 4, 47; 2001 CS₄ *, 20, 4, 47; 2001 CT₄ *, 18, 4, 1036; 2001 CU₄ *, 27, 5, 47; 2001 CV₄ *, 22, 5, 1059; 2001 CX₄ *, 10, 2, 3; 2001 CY₄ *, 19, 4, 85; 2001 CA₅ *, 23, 4, 918; 2001 CB₅ *, 22, 5, 477; 2001 CC₅ *, 17, 3, 33; 2001 CE₅ *, 25, 5, 85; 2001 CF₅ *, 10, 2, 3; 2001 CH₅ *, 15, 3, 47; 2001 CJ₅ *, 5, 1, 0; 2001 CM₅ *, 9, 2, 3; 2001 CN₅ *, 16, 3, 3; 2001 CP₅ *, 20, 5, 1033; 2001 CQ₅ *, 9, 2, 29; 2001 CS₅ *, 8, 2, 29; 2001 CT₅ *, 6, 2, 15; 2001 CV₅ *, 11, 3, 33; 2001 CW₅ *, 5, 1, 0; 2001 CX₅ *, 13, 3, 32; 2001 CZ₅ *, 14, 3, 44; 2001 CA₆ *, 37, 6, 34; 2001 CB₆ *, 20, 4, 48; 2001 CC₆ *, 4, 1, 0; 2001 CD₆ *, 4, 1, 0; 2001 CE₆ *, 14, 3, 32; 2001 CF₆ *, 10, 2, 29; 2001 CH₆ *, 7, 2, 3; 2001 CJ₆ *, 26, 6, 477; 2001 CL₆ *, 19, 4, 34; 2001 CM₆ *, 9, 2, 3; 2001 CN₆ *, 12, 3, 32; 2001 CO₆ *, 15, 3, 32; 2001 CQ₆ *, 13, 3, 30; 2001 CS₆ *, 33, 6, 1037; 2001 CT₆ *, 29, 6, 477; 2001 CU₆ *, 23, 5, 587; 2001 CV₆ *, 27, 4, 495; 2001 CW₆ *, 28, 6, 528; 2001 CX₆ *, 10, 2, 3; 2001 CY₆ *, 13, 2, 29; 2001 CZ₆ *, 13, 3, 41; 2001 CA₇ *, 29, 5, 47; 2001 CB₇ *, 11, 3, 32; 2001 CC₇ *, 14, 3, 15; 2001 CD₇ *, 14, 3, 30; 2001 CE₇ *, 14, 3, 30; 2001 CF₇ *, 12, 3, 54; 2001 CH₇ *, 5, 1, 0; 2001 CJ₇ *, 17, 4, 1035; 2001 CK₇ *, 12, 3, 32; 2001 CL₇ *, 5, 1, 0; 2001 CM₇ *, 7, 2, 3; 2001 CN₇ *, 10, 2, 3; 2001 CP₇ *, 14, 3, 3; 2001 CQ₇ *, 15, 3, 32; 2001 CR₇ *, 22, 5, 440; 2001 CS₇ *, 22, 4, 32; 2001 CT₇ *, 10, 2, 3; 2001 CU₇ *, 14, 3, 32; 2001 CV₇ *, 9, 2, 3; 2001 CW₇ *, 11, 3, 32; 2001 CX₇ *, 18, 4, 47; 2001 CY₇ *, 10, 2, 3; 2001 CZ₇ *, 25, 5, 48; 2001 CA₈ *, 10, 2, 3; 2001 CB₈ *, 14, 3, 32; 2001 CC₈ *, 15, 3, 32; 2001 CD₈ *, 10, 2, 3; 2001 CE₈ *, 10, 2, 3; 2001 CF₈ *, 20, 5, 48; 2001 CG₈ *, 10, 2, 3; 2001 CH₈ *, 14, 3, 32; 2001 CI₈ *, 14, 3, 32; 2001 CJ₈ *, 13, 3, 15; 2001 CK₈ *, 8, 2, 1; 2001 CL₈ *, 4, 1, 0; 2001 CA₉ *, 12, 3, 32; 2001 CB₉ *, 14, 3, 32; 2001 CC₉ *, 8, 2, 29; 2001 CD₉ *, 20, 3, 32; 2001 CE₉ *, 9, 2, 3; 2001 CF₉ *, 10, 2, 3; 2001 CG₉ *, 10, 2, 3; 2001 CH₉ *, 8, 2, 4; 2001 CI₉ *, 15, 3, 32; 2001 CJ₉ *, 10, 2, 28; 2001 CK₉ *, 10, 2, 4; 2001 CL₉ *, 10, 3, 34; 2001 CM₉ *, 5, 1, 0; 2001 CN₉ *, 12, 3, 35; 2001 CO₉ *, 18, 4, 44; 2001 CP₉ *, 20, 5, 34; 2001 CQ₉ *, 26, 6, 1001; 2001 CR₉ *, 15, 3, 29; 2001 CA₁₀ *, 25, 6, 87; 2001 CB₁₀ *, 29, 7, 467; 2001 CF₁₀ *, 5, 1, 0; 2001 CG₁₀ *, 5, 1, 0; 2001 CH₁₀ *, 17, 4, 51; 2001 CI₁₀ *, 5, 1, 0; 2001 CM₁₀ *, 21, 5, 47; 2001 CN₁₀ *, 8, 2, 44; 2001 CO₁₀ *, 13, 3, 44; 2001 CP₁₀ *, 14, 3, 43; 2001 CQ₁₀ *, 27, 6, 997; 2001 CR₁₀ *, 17, 4, 584; 2001 CT₁₀ *, 9, 2, 29; 2001 CU₁₀ *, 4, 1, 0; 2001 CV₁₀ *, 18, 4, 56; 2001 CW₁₀ *, 24, 5, 52; 2001 CX₁₀ *, 12, 3, 44; 2001 CY₁₀ *, 12, 3, 35; 2001 CZ₁₀ *, 15, 3, 44; 2001 CA₁₁ *, 15, 3, 44; 2001 CB₁₁ *, 14, 3, 44; 2001 CC₁₁ *, 4, 1, 0; 2001 CE₁₁ *, 8, 2, 29; 2001 CF₁₁ *, 19, 4, 584; 2001 CH₁₁ *, 9, 2, 29; 2001 CI₁₁ *, 14, 3, 44; 2001 CJ₁₁ *, 18, 4, 584; 2001 CK₁₁ *, 22, 5, 93; 2001 CL₁₁ *, 29, 6, 439; 2001 CM₁₁ *, 18, 3, 493; 2001 CN₁₁ *, 10, 2, 29; 2001 CO₁₁ *, 20, 4, 1030; 2001 CU₁₁ *, 18, 5, 528; 2001 CV₁₁ *, 14, 3, 44; 2001 CW₁₁ *, 10, 2, 29; 2001 CX₁₁ *, 22, 5, 47; 2001 CZ₁₁ *, 6, 2, 2; 2001 CB₁₂ *, 13, 3, 78; 2001 CC₁₂ *, 50, 11, 927; 2001 CD₁₂ *, 4, 1, 0; 2001 CE₁₂ *, 15, 4, 532; 2001 CG₁₂ *, 14, 3, 45; 2001 CH₁₂ *, 14, 3, 44; 2001 CJ₁₂ *, 22, 4, 1032; 2001 CK₁₂ *, 16, 4, 470; 2001 CL₁₂ *, 13, 3, 44; 2001 CM₁₂ *, 14, 3, 44; 2001 CN₁₂ *, 9, 2, 28; 2001 CP₁₂ *, 17, 4, 438; 2001 CQ₁₂ *, 13, 3, 41; 2001 CR₁₂ *, 14, 3, 44; 2001 CW₁₂ *, 28, 6, 56; 2001 CX₁₂ *, 14, 3, 44; 2001 CY₁₂ *, 32, 7, 927; 2001 CZ₁₂ *, 20, 3, 32; 2001 CA₁₃ *, 18, 4, 47; 2001 CB₁₃ *, 10, 2, 29; 2001 CC₁₃ *, 13, 3, 41; 2001 CE₁₃ *, 18, 4, 1035; 2001 CF₁₃ *, 13, 3, 32; 2001 CG₁₃ *, 8, 2, 3; 2001 CH₁₃ *, 26, 6, 506; 2001 CI₁₃ *, 13, 3, 43; 2001 CL₁₃ *, 23, 5, 524; 2001 CM₁₃ *, 20, 4, 44; 2001 CN₁₃ *, 17, 4, 32; 2001 CP₁₃ *, 9, 2, 32; 2001 CQ₁₃ *, 12, 3, 44; 2001 CR₁₃ *, 18, 4, 46; 2001 CT₁₃ *, 20, 4, 49; 2001 CY₁₃ *, 5, 1, 0; 2001 CZ₁₃ *, 11, 3, 41; 2001 CA₁₄ *, 15, 4, 32; 2001 CB₁₄ *, 13, 3, 41; 2001 CE₁₄ *, 9, 2, 29; 2001 CF₁₄ *, 5, 1, 0; 2001 CG₁₄ *, 7, 2, 2; 2001 CH₁₄ *, 4, 1, 0; 2001 CM₁₄ *, 3, 1, 0; 2001 CN₁₄ *, 3, 1, 0; 2001 CV₁₄ *, 4, 1, 0; 2001 CZ₁₄ *, 8, 2, 28; 2001 CA₁₅ *, 9, 2, 29; 2001 CB₁₅ *, 15, 3, 44; 2001 CC₁₅ *, 14, 3, 44; 2001 CF₁₅ *, 9, 2, 49; 2001 CG₁₅ *, 3, 1, 0; 2001 CH₁₅ *, 5, 1, 0; 2001 CJ₁₅ *, 14, 3, 44; 2001 CM₁₅ *, 5, 1, 0; 2001 CP₁₅ *, 13, 3, 47; 2001 CQ₁₅ *, 3, 1, 0; 2001 CR₁₅ *, 5, 1, 0; 2001 CS₁₅ *, 14, 3, 32; 2001 CU₁₅,

8, 2, 44; 2001 CV₁₅ *, 5, 1, 0; 2001 CW₁₅ *, 10, 2, 29; 2001 CX₁₅ *, 13, 3, 44; 2001 CY₁₅ *, 17, 4, 1000; 2001 CZ₁₅ *, 25, 6, 497; 2001 CA₁₆ *, 23, 5, 967; 2001 CC₁₆ *, 9, 2, 29; 2001 CE₁₆ *, 11, 3, 436; 2001 CF₁₆ *, 14, 3, 525; 2001 CH₁₆ *, 9, 2, 44; 2001 CK₁₆ *, 34, 6, 48; 2001 CL₁₆ *, 3, 1, 0; 2001 CM₁₆ *, 24, 4, 918; 2001 CP₁₆ *, 5, 1, 0; 2001 CQ₁₆ *, 15, 3, 29; 2001 CR₁₆ *, 9, 2, 12; 2001 CT₁₆ *, 14, 2, 29; 2001 CU₁₆ *, 4, 1, 0; 2001 CV₁₆ *, 8, 2, 28; 2001 CW₁₆ *, 12, 3, 29; 2001 CY₁₆ *, 13, 4, 44; 2001 CB₁₇ *, 20, 4, 522; 2001 CC₁₇ *, 5, 1, 0; 2001 CD₁₇ *, 18, 4, 56; 2001 CF₁₇ *, 4, 1, 0; 2001 CH₁₇ *, 18, 4, 32; 2001 CK₁₇ *, 9, 2, 29; 2001 CN₁₇ *, 5, 1, 0; 2001 CO₁₇ *, 10, 2, 18; 2001 CP₁₇ *, 14, 3, 43; 2001 CR₁₇ *, 19, 4, 439; 2001 CS₁₇ *, 4, 1, 0; 2001 CT₁₇ *, 4, 1, 0; 2001 CV₁₇ *, 14, 3, 33; 2001 CW₁₇ *, 15, 3, 54; 2001 CY₁₇ *, 14, 3, 3; 2001 CZ₁₇ *, 13, 3, 49; 2001 CA₁₈ *, 13, 3, 48; 2001 CD₁₈ *, 18, 4, 32; 2001 CF₁₈ *, 8, 2, 30; 2001 CH₁₈ *, 18, 5, 587; 2001 CL₁₈ *, 18, 4, 44; 2001 CM₁₈ *, 13, 3, 50; 2001 CN₁₈ *, 21, 5, 1066; 2001 CO₁₈ *, 17, 5, 50; 2001 CP₁₈ *, 23, 5, 832; 2001 CQ₁₈ *, 18, 5, 511; 2001 CR₁₈ *, 3, 1, 0; 2001 CS₁₈ *, 7, 2, 1; 2001 CT₁₈ *, 7, 2, 30; 2001 CU₁₈ *, 18, 4, 47; 2001 CV₁₈ *, 5, 1, 0; 2001 CW₁₈ *, 19, 4, 50; 2001 CX₁₈ *, 24, 5, 50; 2001 CY₁₈ *, 21, 5, 49; 2001 CZ₁₈ *, 5, 1, 0; 2001 CA₁₉ *, 13, 3, 32; 2001 CB₁₉ *, 21, 5, 32; 2001 CD₁₉ *, 12, 3, 475; 2001 CE₁₉ *, 14, 3, 3; 2001 CF₁₉ *, 3, 1, 0; 2001 CG₁₉ *, 24, 4, 34; 2001 CH₁₉ *, 14, 3, 3; 2001 CJ₁₉ *, 3, 1, 0; 2001 CL₁₉ *, 8, 2, 30; 2001 CM₁₉ *, 26, 6, 501; 2001 CN₁₉ *, 35, 6, 437; 2001 CS₁₉ *, 13, 3, 15; 2001 CT₁₉ *, 12, 2, 4; 2001 CU₁₉ *, 8, 2, 15; 2001 CV₁₉ *, 3, 1, 0; 2001 CX₁₉ *, 9, 2, 19; 2001 CY₁₉ *, 16, 4, 20; 2001 CZ₁₉ *, 11, 2, 4; 2001 CA₂₀ *, 18, 4, 18; 2001 CB₂₀ *, 8, 2, 3; 2001 CC₂₀ *, 15, 4, 14; 2001 CD₂₀ *, 18, 4, 29; 2001 CE₂₀ *, 19, 4, 29; 2001 CF₂₀ *, 13, 3, 12; 2001 CG₂₀ *, 27, 6, 927; 2001 CH₂₀ *, 10, 2, 2; 2001 CJ₂₀ *, 11, 3, 27; 2001 CK₂₀ *, 21, 5, 29; 2001 CL₂₀ *, 54, 8, 82; 2001 CM₂₀ *, 12, 3, 48; 2001 CN₂₀ *, 24, 5, 14; 2001 CO₂₀ *, 12, 3, 18; 2001 CP₂₀ *, 8, 2, 2; 2001 CQ₂₀ *, 8, 2, 2; 2001 CR₂₀ *, 17, 4, 19; 2001 CS₂₀ *, 11, 3, 18; 2001 CT₂₀ *, 15, 4, 19; 2001 CU₂₀ *, 19, 4, 38; 2001 CV₂₀ *, 18, 4, 38; 2001 CW₂₀ *, 17, 4, 27; 2001 CX₂₀ *, 22, 4, 38; 2001 CY₂₀ *, 17, 4, 38; 2001 CA₂₁ *, 9, 2, 1; 2001 CB₂₁ *, 12, 3, 3; 2001 CC₂₁ *, 21, 4, 26; 2001 CD₂₁ *, 14, 4, 29; 2001 CE₂₁ *, 30, 7, 813; 2001 CF₂₁ *, 8, 2, 3; 2001 CJ₂₁ *, 23, 5, 93; 2001 CK₂₁ *, 17, 4, 44; 2001 CL₂₁ *, 10, 3, 29; 2001 CM₂₁ *, 27, 8, 85; 2001 CN₂₁ *, 39, 9, 432; 2001 CO₂₁ *, 17, 4, 59; 2001 CP₂₁ *, 13, 3, 29; 2001 CQ₂₁ *, 28, 6, 85; 2001 CR₂₁ *, 18, 4, 44; 2001 CS₂₁ *, 22, 5, 525; 2001 CT₂₁ *, 21, 5, 48; 2001 CU₂₁ *, 23, 5, 498; 2001 CV₂₁ *, 19, 4, 44; 2001 CW₂₁ *, 24, 6, 1039; 2001 CX₂₁ *, 13, 3, 29; 2001 CY₂₁ *, 24, 6, 1446; 2001 CZ₂₁ *, 17, 4, 44; 2001 CA₂₂ *, 2, 15; 2001 CB₂₂ *, 8, 2, 15; 2001 CC₂₂ *, 5, 1, 0; 2001 CD₂₂ *, 14, 3, 29; 2001 CE₂₂ *, 19, 4, 44; 2001 CF₂₂ *, 12, 3, 29; 2001 CG₂₂ *, 19, 4, 44; 2001 CH₂₂ *, 24, 5, 49; 2001 CJ₂₂ *, 15, 4, 44; 2001 CK₂₂ *, 17, 4, 44; 2001 CL₂₂ *, 13, 3, 44; 2001 CM₂₂ *, 25, 5, 34; 2001 CN₂₂ *, 20, 4, 44; 2001 CO₂₂ *, 6, 2, 15; 2001 CP₂₂ *, 9, 2, 15; 2001 CQ₂₂ *, 15, 3, 29; 2001 CR₂₂ *, 13, 3, 29; 2001 CS₂₂ *, 9, 2, 19; 2001 CT₂₂ *, 12, 3, 29; 2001 CU₂₂ *, 5, 1, 0; 2001 CV₂₂ *, 10, 2, 14; 2001 CW₂₂ *, 19, 4, 44; 2001 CX₂₂ *, 18, 3, 35; 2001 CY₂₂ *, 12, 3, 30; 2001 CZ₂₂ *, 14, 3, 30; 2001 CA₂₃ *, 17, 4, 54; 2001 CB₂₃ *, 8, 2, 12; 2001 CC₂₃ *, 34, 6, 502; 2001 CD₂₃ *, 7, 2, 30; 2001 CE₂₃ *, 13, 2, 12; 2001 CF₂₃ *, 24, 6, 496; 2001 CG₂₃ *, 8, 2, 12; 2001 CH₂₃ *, 4, 1, 0; 2001 CJ₂₃ *, 5, 1, 0; 2001 CK₂₃ *, 26, 4, 50; 2001 CL₂₃ *, 22, 5, 32; 2001 CM₂₃ *, 11, 3, 30; 2001 CN₂₃ *, 9, 2, 12; 2001 CO₂₃ *, 13, 3, 29; 2001 CP₂₃ *, 32, 6, 500; 2001 CQ₂₃ *, 22, 5, 32; 2001 CR₂₃ *, 6, 2, 2; 2001 CS₂₃ *, 35, 6, 50; 2001 CT₂₃ *, 12, 2, 12; 2001 CU₂₃ *, 4, 1, 0; 2001 CV₂₃ *, 14, 2, 12; 2001 CW₂₃ *, 16, 4, 30; 2001 CX₂₃ *, 5, 1, 0; 2001 CY₂₃ *, 21, 5, 50; 2001 CZ₂₃ *, 7, 2, 18; 2001 CA₂₄ *, 7, 2, 13; 2001 CB₂₄ *, 9, 2, 18; 2001 CC₂₄ *, 21, 5, 51; 2001 CD₂₄ *, 5, 1, 0; 2001 CE₂₄ *, 18, 4, 20; 2001 CF₂₄ *,

14, 3, 29; 2001 CX₂₈, 31, 7, 1055; 2001 CY₂₈, 30, 7, 1055; 2001 CZ₂₈, 13, 3, 17; 2001 CA₂₉, 28, 6, 496; 2001 CB₂₉, 5, 1, 0; 2001 CC₂₉, 25, 5, 81; 2001 CD₂₉, 25, 5, 81; 2001 CE₂₉, 33, 6, 56; 2001 CF₂₉, 38, 8, 537; 2001 CG₂₉, 15, 3, 17; 2001 CH₂₉, 15, 3, 29; 2001 CI₂₉, 27, 6, 44; 2001 CK₂₉, 58, 12, 482; 2001 CL₂₉, 8, 2, 13; 2001 CM₂₉, 23, 5, 44; 2001 CN₂₉, 17, 4, 32; 2001 CO₂₉, 14, 3, 29; 2001 CP₂₉, 9, 2, 14; 2001 CQ₂₉, 5, 1, 0; 2001 CR₂₉, 14, 3, 17; 2001 CS₂₉, 10, 2, 14; 2001 CT₂₉, 9, 2, 14; 2001 CU₂₉, 3, 1, 0; 2001 CV₂₉, 23, 5, 48; 2001 CW₂₉, 17, 4, 43; 2001 CX₂₉, 8, 2, 15; 2001 CY₂₉, 10, 2, 13; 2001 CZ₂₉, 30, 7, 502; 2001 CA₃₀, 30, 7, 526; 2001 CB₃₀, 30, 6, 79; 2001 CC₃₀, 33, 7, 101; 2001 CD₃₀, 23, 6, 48; 2001 CE₃₀, 28, 6, 34; 2001 CF₃₀, 52, 11, 496; 2001 CG₃₀, 37, 8, 1006; 2001 CH₃₀, 24, 5, 33; 2001 CI₃₀, 10, 2, 13; 2001 CK₃₀, 31, 6, 32; 2001 CL₃₀, 18, 4, 496; 2001 CM₃₀, 11, 3, 26; 2001 CN₃₀, 19, 4, 42; 2001 CO₃₀, 4, 1, 0; 2001 CP₃₀, 5, 1, 0; 2001 CQ₃₀, 19, 4, 42; 2001 CR₃₀, 4, 1, 0; 2001 CS₃₀, 5, 1, 0; 2001 CT₃₀, 4, 1, 0; 2001 CU₃₀, 5, 1, 0; 2001 CV₃₀, 22, 5, 87; 2001 CW₃₀, 23, 5, 79; 2001 CX₃₀, 43, 9, 529; 2001 CY₃₀, 5, 1, 0; 2001 CZ₃₀, 7, 2, 13; 2001 CA₃₁, 8, 2, 13; 2001 CB₃₁, 3, 1, 0; 2001 CC₃₁, 5, 1, 0; 2001 CD₃₁, 4, 1, 0; 2001 CE₃₁, 7, 2, 13; 2001 CF₃₁, 10, 2, 13; 2001 CG₃₁, 24, 5, 80; 2001 CH₃₁, 3, 11, 3, 17; 2001 CI₃₁, 20, 4, 26; 2001 CL₃₁, 3, 1, 0; 2001 CN₃₁, 7, 2, 1; 2001 CP₃₁, 2, 29, 7, 32; 2001 CQ₃₁, 30, 6, 43; 2001 CR₃₁, 8, 2, 2; 2001 CS₃₁, 9, 2, 8; 2001 CT₃₁, 3, 10, 2, 8; 2001 CU₃₁, 20, 4, 11; 2001 CV₃₁, 9, 2, 8; 2001 CW₃₁, 10, 2, 8; 2001 CX₃₁, 14, 3, 9; 2001 CY₃₁, 3, 1, 0; 2001 CZ₃₁, 9, 2, 8; 2001 CA₃₂, 9, 2, 8; 2001 CB₃₂, 17, 3, 7; 2001 CC₃₂, 4, 1, 0; 2001 CD₃₂, 15, 2, 1; 2001 CE₃₂, 4, 1, 0; 2001 CF₃₂, 30, 6, 918; 2001 CG₃₂, 24, 5, 53; 2001 CH₃₂, 21, 5, 42; 2001 CI₃₂, 14, 2, 2; 2001 CJ₃₂, 18, 4, 32; 2001 CK₃₂, 13, 2, 10; 2001 CL₃₂, 8, 2, 2; 2001 CM₃₂, 13, 3, 10; 2001 CN₃₂, 8, 2, 2; 2001 CO₃₂, 9, 2, 2; 2001 CP₃₂, 7, 2, 2; 2001 CQ₃₂, 42, 8, 101; 2001 CR₃₂, 10, 2, 2; 2001 CS₃₂, 10, 2, 2; 2001 CT₃₂, 8, 2, 2; 2001 CU₃₂, 2, 2; 2001 CV₃₂, 10, 2, 2; 2001 CW₃₂, 15, 3, 29; 2001 CX₃₂, 8, 2, 2; 2001 CY₃₂, 8, 2, 2; 2001 CZ₃₂, 10, 2, 2; 2001 CA₃₃, 10, 2, 2; 2001 CB₃₃, 10, 2, 2; 2001 CC₃₃, 15, 2, 2; 2001 CD₃₃, 7, 2, 2; 2001 CE₃₃, 10, 2, 2; 2001 CF₃₃, 25, 6, 75; 2001 CG₃₃, 9, 2, 2; 2001 CH₃₃, 8, 2, 2; 2001 CI₃₃, 26, 6, 489; 2001 CJ₃₃, 36, 8, 523; 2001 CK₃₃, 9, 2, 2; 2001 CL₃₃, 9, 2, 2; 2001 CM₃₃, 9, 2, 2; 2001 CN₃₃, 44, 9, 821; 2001 CO₃₃, 9, 2, 2; 2001 CP₃₃, 9, 2, 2; 2001 CQ₃₃, 9, 2, 2; 2001 CR₃₃, 10, 2, 2; 2001 CS₃₃, 10, 2, 2; 2001 CT₃₃, 48, 10, 523; 2001 CU₃₃, 8, 2, 2; 2001 CV₃₃, 24, 5, 40; 2001 CW₃₃, 23, 5, 41; 2001 CX₃₃, 9, 2, 2; 2001 CY₃₃, 9, 2, 2; 2001 CZ₃₃, 11, 2, 2; 2001 CA₃₄, 13, 3, 28; 2001 CB₃₄, 9, 2, 2; 2001 CC₃₄, 23, 5, 40; 2001 CD₃₄, 9, 2, 2; 2001 CE₃₄, 29, 6, 42; 2001 CF₃₄, 10, 2, 2; 2001 CG₃₄, 14, 3, 40; 2001 CH₃₄, 7, 2, 2; 2001 CI₃₄, 10, 2, 2; 2001 CJ₃₄, 10, 2, 2; 2001 CK₃₄, 9, 2, 2; 2001 CL₃₄, 18, 4, 40; 2001 CM₃₄, 13, 3, 40; 2001 CN₃₄, 10, 2, 2; 2001 CO₃₄, 17, 3, 6; 2001 CP₃₄, 12, 3, 12; 2001 CQ₃₄, 10, 2, 2; 2001 CR₃₄, 8, 2, 2; 2001 CS₃₄, 10, 2, 2; 2001 CT₃₄, 22, 5, 80; 2001 CU₃₄, 10, 2, 2; 2001 CV₃₄, 3, 18, 4; 2001 CW₃₄, 7, 2, 2; 2001 CX₃₄, 8, 2, 2; 2001 CY₃₄, 7, 2, 2; 2001 CZ₃₄, 8, 2, 2; 2001 CA₃₅, 8, 2, 2; 2001 CB₃₅, 44, 10, 472; 2001 CC₃₅, 9, 2, 2; 2001 CD₃₅, 9, 2, 2; 2001 CE₃₅, 9, 2, 2; 2001 CF₃₅, 9, 2, 2; 2001 CG₃₅, 7, 2, 2; 2001 CH₃₅, 35, 6, 62; 2001 CI₃₅, 8, 2, 2; 2001 CJ₃₅, 23, 5, 27; 2001 CK₃₅, 20, 4, 27; 2001 CL₃₅, 8, 2, 12; 2001 CM₃₅, 19, 4, 18; 2001 CN₃₅, 28, 5, 79; 2001 CO₃₅, 10, 2, 12; 2001 CP₃₅, 38, 7, 1149; 2001 CQ₃₅, 15, 3, 3; 2001 CR₃₅, 35, 6, 76; 2001 CS₃₅, 29, 4, 6; 2001 CT₃₅, 18, 3, 6; 2001 CU₃₅, 10, 2, 2; 2001 CV₃₅, 10, 2, 2; 2001 CW₃₅, 8, 2, 19; 2001 CX₃₅, 18, 4, 30; 2001 CA₃₆, 19, 4, 33; 2001 CB₃₆, 23, 5, 472; 2001 CC₃₆, 25, 5, 1411; 2001 CD₃₆, 8, 2, 13; 2001 CE₃₆, 20, 5, 839; 2001 CF₃₆, 4, 1, 0; 2001 CG₃₆, 19, 4, 18; 2001 CH₃₆, 20, 5, 85; 2001 CI₃₆, 25, 6, 56; 2001 CJ₃₆, 29, 6, 78; 2001 CK₃₆, 21, 5, 33; 2001 CL₃₆, 10, 2, 4; 2001 CM₃₆, 15, 3, 18; 2001 CN₃₆, 19, 4, 33; 2001 CO₃₆, 11, 2, 1; 2001 CP₃₆, 15, 2, 3; 2001 CQ₃₆, 15, 2, 3; 2001 CR₃₆, 3, 1, 0; 2001 CS₃₆, 30, 6, 32; 2001 CT₃₆, 12, 3, 3; 2001 CU₃₆, 14, 3, 3; 2001 CV₃₆, 14, 3, 3; 2001 CW₃₆, 13, 3, 22; 2001 CX₃₆, 5, 1, 0; 2001 CY₃₆, 5, 1, 0; 2001 CZ₃₆, 14, 3, 46; 2001 CA₃₇, 4, 1, 0; 2001 CB₃₇, 4, 1, 0; 2001 CC₃₇, 5, 1, 0; 2001 CD₃₇, 21, 5, 1038; 2001 CE₃₇, 8, 2, 3; 2001 CF₃₇, 10, 2, 1; 2001 CG₃₇, 9, 2, 1; 2001 CH₃₇, 32, 6, 73; 2001 CI₃₇, 8, 2, 1; 2001 CJ₃₇, 9, 2, 1; 2001 CK₃₇, 17, 2, 1; 2001 CL₃₇, 12, 3, 2; 2001 CM₃₇, 35, 7, 84; 2001 CN₃₇, 15, 3, 2; 2001 CO₃₇, 9, 2, 1; 2001 CP₃₇, 13, 3, 2; 2001 CQ₃₇, 11, 3, 2; 2001 CR₃₇, 23, 5, 30; 2001 CS₃₇, 17, 4, 6; 2001 CT₃₇, 12, 3, 2; 2001 CU₃₇, 30, 6, 6; 2001 CV₃₇, 19, 4, 7; 2001 CW₃₇, 19, 4, 14; 2001 CX₃₇, 13, 2, 1; 2001 CY₃₇, 38, 8, 102; 2001 CZ₃₇, 8, 2, 3; 2001 CA₃₈, 28, 6, 73; 2001 CB₃₈, 8, 2, 3; 2001 CC₃₈, 35, 8, 102; 2001 CD₃₈, 7, 2, 3; 2001 CE₃₈, 10, 2, 3; 2001 CF₃₈, 18, 4, 77; 2001 CG₃₈, 9, 2, 3; 2001 CH₃₈, 8, 2, 3; 2001 CI₃₈, 8, 2, 3; 2001 CJ₃₈, 10, 2, 3; 2001 CK₃₈, 8, 2, 3; 2001 CL₃₈, 8, 2, 3; 2001 CM₃₈, 34, 8, 521; 2001 CN₃₈, 10, 2, 3; 2001 CO₃₈, 20, 4, 42; 2001 CP₃₈, 18, 4, 42; 2001 CQ₃₈, 10, 2, 3; 2001 CR₃₈, 19, 4, 43; 2001 CS₃₈, 9, 2, 3; 2001 CT₃₈, 10, 2, 3; 2001 CU₃₈, 9, 2, 3; 2001 CV₃₈, 18, 4, 42; 2001 CW₃₈, 10, 2, 3; 2001 CX₃₈, 10, 2, 3; 2001 CY₃₈, 17, 4, 42; 2001 CZ₃₈, 4, 42; 2001 CA₃₉, 8, 2, 3; 2001 CB₃₉, 17, 4, 42; 2001 CC₃₉, 10, 2, 3; 2001 CD₃₉, 4, 42; 2001 CE₃₉, 9, 2, 3; 2001 CF₃₉, 10, 2, 3; 2001 CG₃₉, 8, 2, 3; 2001 CH₃₉, 18, 4, 42; 2001 CI₃₉, 10, 2, 3; 2001 CJ₃₉, 10, 2, 3; 2001 CK₃₉, 10, 2, 3; 2001 CL₃₉, 10, 2, 3; 2001 CM₃₉, 17, 4, 42; 2001 CN₃₉, 8, 2, 3; 2001 CO₃₉, 17, 4, 42; 2001 CP₃₉, 42, 11, 1067; 2001 CQ₃₉, 9, 2, 3; 2001 CR₃₉, 8, 2, 3; 2001 CS₃₉, 9, 2, 3; 2001 CT₃₉, 21, 5, 64; 2001 CU₃₉, 7, 2, 3; 2001 CV₃₉, 29, 6, 60; 2001 CW₃₉, 32, 7, 34; 2001 CX₃₉, 9, 2, 3; 2001 CY₃₉, 8, 2, 3; 2001 CZ₃₉, 16, 4, 41; 2001 CA₄₀, 6, 2, 3; 2001 CB₄₀, 6, 2, 3; 2001 CC₄₀, 24, 5, 30; 2001 CD₄₀, 22, 5, 30; 2001 CE₄₀, 24, 5, 43; 2001 CF₄₀, 8, 2, 3; 2001 CG₄₀, 9, 2, 3; 2001 CH₄₀, 24, 5, 27; 2001 CI₄₀, 13, 3, 13; 2001 CJ₄₀, 19, 4, 41; 2001 CK₄₀, 6, 2, 3; 2001 CL₄₀, 10, 2, 1; 2001 CM₄₀, 15, 3, 2; 2001 CN₄₀, 20, 5, 34; 2001 CO₄₀, 25, 6, 525; 2001 CQ₄₀, 15, 3, 2; 2001 CR₄₀, 40, 8, 501; 2001 CS₄₀, 12, 3, 2; 2001 CT₄₀, 18, 4, 31; 2001 CU₄₀, 12, 3, 2; 2001 CV₄₀, 18, 3, 2; 2001 CW₄₀, 14, 3, 2; 2001 CX₄₀, 12,

2, 1; 2001 CY₄₀, 12, 2, 1; 2001 CZ₄₀, 12, 3, 2; 2001 CA₄₁, 19, 3, 4; 2001 CB₄₁, 10, 2, 1; 2001 CC₄₁, 28, 6, 47; 2001 CD₄₁, 14, 2, 1; 2001 CE₄₁, 18, 4, 34; 2001 CF₄₁, 17, 4, 14; 2001 CG₄₁, 9, 3, 6; 2001 CH₄₁, 22, 5, 46; 2001 CI₄₁, 28, 5, 27; 2001 CJ₄₁, 28, 5, 27; 2001 CK₄₁, 24, 4, 18; 2001 CL₄₁, 22, 5, 32; 2001 CM₄₁, 9, 2, 27; 2001 CN₄₁, 14, 3, 5; 2001 CO₄₁, 8, 2, 19; 2001 CP₄₁, 9, 2, 1; 2001 CQ₄₁, 3, 1, 0; 2001 CR₄₁, 10, 2, 1; 2001 CS₄₁, 5, 1, 0; 2001 CY₄₁, 8, 2, 4; 2001 CZ₄₁, 9, 2, 4; 2001 CA₄₂, 7, 2, 2; 2001 CB₄₂, 10, 2, 2; 2001 CC₄₂, 22, 5, 35; 2001 CD₄₂, 9, 4, 18; 2001 CE₄₂, 4, 1, 0; 2001 CF₄₂, 18, 3, 2; 2001 CG₄₂, 34, 5, 5; 2001 CH₄₂, 22, 4, 5; 2001 CI₄₂, 39, 6, 78; 2001 CJ₄₂, 9, 2, 4; 2001 CK₄₂, 12, 3, 19; 2001 CL₄₂, 26, 6, 1204; 2001 CM₄₂, 20, 4, 30; 2001 CN₄₂, 19, 4, 9; 2001 CO₄₂, 22, 5, 30; 2001 CP₄₂, 19, 4, 9; 2001 CQ₄₂, 15, 3, 7; 2001 CR₄₂, 9, 2, 6; 2001 CS₄₂, 7, 2, 4; 2001 CY₄₂, 10, 2, 4; 2001 CZ₄₂, 11, 3, 9; 2001 CA₄₃, 23, 5, 72; 2001 CB₄₃, 8, 2, 5; 2001 CC₄₃, 13, 2, 5; 2001 CD₄₃, 14, 3, 14; 2001 CE₄₃, 24, 6, 78; 2001 CF₄₃, 8, 2, 5; 2001 CG₄₃, 8, 2, 5; 2001 CH₄₃, 23, 5, 63; 2001 CI₄₃, 8, 2, 5; 2001 CJ₄₃, 19, 4, 27; 2001 CK₄₃, 19, 4, 27; 2001 CL₄₃, 19, 4, 27; 2001 CM₄₃, 11, 3, 18; 2001 CN₄₃, 12, 3, 18; 2001 CO₄₃, 12, 3, 18; 2001 CP₄₃, 8, 2, 5; 2001 CQ₄₃, 7, 2, 5; 2001 CR₄₃, 12, 3, 18; 2001 CS₄₃, 11, 3, 18; 2001 CT₄₃, 9, 2, 18; 2001 CU₄₃, 11, 3, 14; 2001 CV₄₃, 15, 3, 7; 2001 CW₄₃, 18, 4, 64; 2001 CX₄₃, 8, 2, 6; 2001 CY₄₃, 10, 2, 6; 2001 CZ₄₃, 21, 5, 47; 2001 CA₄₄, 9, 2, 6; 2001 CB₄₄, 16, 4, 34; 2001 CC₄₄, 10, 2, 6; 2001 CD₄₄, 7, 2, 6; 2001 CE₄₄, 7, 2, 6; 2001 CF₄₄, 20, 4, 34; 2001 CG₄₄, 23, 6, 436; 2001 CH₄₄, 18, 4, 35; 2001 CI₄₄, 10, 2, 6; 2001 CJ₄₄, 9, 2, 6; 2001 CK₄₄, 9, 2, 6; 2001 CL₄₄, 6, 2, 6; 2001 CM₄₄, 8, 2, 6; 2001 CN₄₄, 17, 4, 35; 2001 CO₄₄, 9, 2, 6; 2001 CP₄₄, 8, 2, 6; 2001 CQ₄₄, 15, 3, 18; 2001 CR₄₄, 15, 3, 18; 2001 CS₄₄, 12, 3, 18; 2001 CT₄₄, 13, 3, 18; 2001 CU₄₄, 10, 2, 6; 2001 CV₄₄, 9, 2, 6; 2001 CW₄₄, 10, 2, 6; 2001 CX₄₄, 9, 2, 6; 2001 CY₄₄, 10, 2, 6; 2001 CZ₄₄, 10, 2, 6; 2001 CA₄₅, 7, 2, 6; 2001 CB₄₅, 10, 2, 6; 2001 CC₄₅, 10, 2, 6; 2001 CD₄₅, 14, 3, 18; 2001 CE₄₅, 15, 3, 18; 2001 CF₄₅, 15, 3, 18; 2001 CG₄₅, 7, 2, 6; 2001 CH₄₅, 21, 4, 34; 2001 CI₄₅, 7, 2, 6; 2001 CJ₄₅, 13, 3, 18; 2001 CK₄₅, 10, 2, 6; 2001 CL₄₅, 10, 2, 6; 2001 CM₄₅, 15, 3, 18; 2001 CN₄₅, 7, 2, 6; 2001 CO₄₅, 7, 2, 6; 2001 CP₄₅, 7, 2, 6; 2001 CQ₄₅, 7, 2, 6; 2001 CR₄₅, 8, 2, 6; 2001 CS₄₅, 14, 3, 18; 2001 CT₄₅, 9, 2, 6; 2001 CU₄₅, 9, 2, 6; 2001 CV₄₅, 8, 2, 6; 2001 CW₄₅, 9, 2, 6; 2001 CX₄₅, 18, 4, 35; 2001 CY₄₅, 8, 2, 6; 2001 CZ₄₅, 7, 2, 6; 2001 CA₄₆, 10, 2, 6; 2001 CB₄₆, 14, 3, 18; 2001 CC₄₆, 10, 2, 6; 2001 CD₄₆, 7, 2, 6; 2001 CE₄₆, 6, 2, 6; 2001 CF₄₆, 10, 2, 7; 2001 CG₄₆, 27, 6, 72; 2001 CH₄₆, 3, 1, 0; 2001 CI₄₆, 9, 2, 24; 2001 CJ₄₆, 16, 4, 531; 2001 DK₄₆, 14, 3, 27; 2001 DL₄₆, 29, 4, 3; 2001 DM₄₆, 18, 4, 33; 2001 DG₄₆, 14, 3, 27; 2001 DH₄₆, 6, 2, 3; 2001 DJ₄₆, 19, 4, 34; 2001 DK₄₆, 10, 2, 3; 2001 DL₄₆, 9, 2, 29; 2001 DM₄₆, 5, 1, 0; 2001 DR₄₆, 5, 1, 0; 2001 DS₄₆, 14, 3, 18; 2001 DT₄₆, 4, 1, 0; 2001 DU₄₆, 12, 3, 496; 2001 DX₄₆, 20, 4, 18; 2001 DY₄₆, 18, 4, 29; 2001 DZ₄₆, 4, 1, 0; 2001 DA₄₆, 5, 1, 0; 2001 DB₄₆, 5, 1, 0; 2001 DC₄₆, 9, 2, 3; 2001 DD₄₆, 3, 1, 0; 2001 DE₄₆, 23, 5, 32; 2001 DF₄₆, 5, 1, 0; 2001 DG₄₆, 13, 3, 3; 2001 DH₄₆, 14, 3, 3; 2001 DI₄₆, 4, 1, 0; 2001 DJ₄₆, 5, 1, 0; 2001 DK₄₆, 5, 1, 0; 2001 DL₄₆, 12, 3, 5; 2001 DM₄₆, 11, 3, 3; 2001 DN₄₆, 4, 1, 0; 2001 DO₄₆, 17, 4, 20; 2001 DP₄₆, 13, 3, 3; 2001 DQ₄₆, 9, 2, 1; 2001 DR₄₆, 10, 2, 1; 2001 DS₄₆, 23, 5, 42; 2001 DT₄₆, 7, 2, 1; 2001 DU₄₆, 9, 2, 1; 2001 DX₄₆, 9, 2, 1; 2001 DY₄₆, 9, 2, 1; 2001 DZ₄₆, 10, 2, 1; 2001 DA₄₆, 9, 2, 1; 2001 DB₄₆, 18, 3, 5; 2001 DC₄₆, 9, 2, 1; 2001 DD₄₆, 19, 4, 18; 2001 DE₄₆, 10, 2, 1; 2001 DF₄₆, 10, 2, 1; 2001 DG₄₆, 10, 2, 1; 2001 DH₄₆, 8, 2, 1; 2001 DI₄₆, 15, 3, 3; 2001 DJ₄₆, 3, 20, 5, 34; 2001 DK₄₆, 9, 2, 1; 2001 DL₄₆, 9, 2, 1; 2001 DM₄₆, 9, 2, 1; 2001 DN₄₆, 9, 2, 1; 2001 DO₄₆, 10, 2, 1; 2001 DP₄₆, 10, 2, 1; 2001 DQ₄₆, 10, 2, 1; 2001 DR₄₆, 10, 2, 1; 2001 DS₄₆, 10, 2, 1; 2001 DT₄₆, 10, 2, 1; 2001 DU₄₆, 10, 2, 1; 2001 DX₄₆, 10, 2, 1; 2001 DY₄₆, 10, 2, 1; 2001 DZ₄₆, 10, 2, 1; 2001 DA₄₆, 20, 4, 29; 2001 DB₄₆, 13, 3, 4; 2001 DC₄₆, 9, 2, 1; 2001 DD₄₆, 8, 2, 1; 2001 DE₄₆, 10, 2, 1; 2001 DF₄₆, 22,

4, 5; 2001 DZ₈ *, 8, 2, 2; 2001 DA₉ *, 34, 5, 19; 2001 DB₉ *, 12, 3, 3; 2001 DC₉ *, 16, 3, 3; 2001 DD₉ *, 14, 3, 3; 2001 DE₉ *, 10, 3, 3; 2001 DF₉ *, 9, 2, 2; 2001 DH₉ *, 14, 3, 27; 2001 DK₉ *, 8, 2, 3; 2001 DL₉ *, 7, 2, 3; 2001 DM₉ *, 26, 6, 34; 2001 DN₉ *, 31, 6, 48; 2001 DO₉ *, 24, 5, 496; 2001 DP₉ *, 9, 2, 3; 2001 DQ₉ *, 8, 2, 3; 2001 DR₉ *, 31, 7, 87; 2001 DS₉ *, 21, 5, 26; 2001 DT₉ *, 37, 8, 94; 2001 DU₉ *, 12, 3, 4; 2001 DV₉ *, 8, 2, 3; 2001 DW₉ *, 25, 6, 42; 2001 DX₉ *, 30, 7, 1045; 2001 DY₉ *, 14, 3, 4; 2001 DZ₉ *, 16, 4, 13; 2001 DA₁₀ *, 7, 2, 3; 2001 DB₁₀ *, 9, 2, 3; 2001 DC₁₀ *, 53, 10, 94; 2001 DD₁₀ *, 34, 6, 27; 2001 DE₁₀ *, 7, 2, 3; 2001 DF₁₀ *, 9, 2, 2; 2001 DG₁₀ *, 12, 3, 32; 2001 DH₁₀ *, 19, 5, 17; 2001 DJ₁₀ *, 8, 2, 2; 2001 DK₁₀ *, 11, 3, 3; 2001 DL₁₀ *, 26, 4, 30; 2001 DM₁₀ *, 20, 4, 32; 2001 DN₁₀ *, 17, 4, 19; 2001 DO₁₀ *, 27, 5, 30; 2001 DP₁₀ *, 15, 3, 3; 2001 DQ₁₀ *, 23, 6, 410; 2001 DR₁₀ *, 14, 3, 19; 2001 DS₁₀ *, 10, 2, 2; 2001 DT₁₀ *, 16, 4, 5; 2001 DU₁₀ *, 16, 4, 5; 2001 DV₁₀ *, 12, 3, 3; 2001 DW₁₀ *, 23, 5, 22; 2001 DX₁₀ *, 24, 5, 32; 2001 DY₁₀ *, 8, 2, 2; 2001 DZ₁₀ *, 10, 2, 2; 2001 DA₁₁ *, 31, 5, 32; 2001 DB₁₁ *, 12, 3, 3; 2001 DC₁₁ *, 28, 5, 30; 2001 DD₁₁ *, 15, 3, 3; 2001 DE₁₁ *, 23, 4, 19; 2001 DF₁₁ *, 18, 3, 3; 2001 DG₁₁ *, 23, 5, 22; 2001 DH₁₁ *, 8, 2, 2; 2001 DJ₁₁ *, 18, 4, 30; 2001 DK₁₁ *, 17, 4, 5; 2001 DL₁₁ *, 19, 4, 5; 2001 DM₁₁ *, 24, 4, 19; 2001 DN₁₁ *, 16, 3, 3; 2001 DO₁₁ *, 13, 4, 19; 2001 DP₁₁ *, 19, 3, 3; 2001 DQ₁₁ *, 14, 2, 2; 2001 DR₁₁ *, 16, 4, 20; 2001 DS₁₁ *, 29, 6, 918; 2001 DT₁₁ *, 15, 3, 3; 2001 DU₁₁ *, 18, 4, 19; 2001 DV₁₁ *, 28, 5, 33; 2001 DW₁₁ *, 19, 4, 4; 2001 DX₁₁ *, 14, 3, 5; 2001 DY₁₁ *, 10, 2, 2; 2001 DZ₁₁ *, 25, 4, 19; 2001 DA₁₂ *, 20, 4, 19; 2001 DB₁₂ *, 25, 4, 19; 2001 DC₁₂ *, 13, 3, 3; 2001 DD₁₂ *, 19, 4, 19; 2001 DE₁₂ *, 15, 3, 3; 2001 DF₁₂ *, 15, 3, 3; 2001 DG₁₂ *, 18, 3, 3; 2001 DH₁₂ *, 7, 2, 2; 2001 DJ₁₂ *, 24, 4, 19; 2001 DK₁₂ *, 24, 4, 19; 2001 DL₁₂ *, 12, 3, 3; 2001 DM₁₂ *, 23, 4, 19; 2001 DN₁₂ *, 17, 5, 31; 2001 DO₁₂ *, 21, 5, 26; 2001 DP₁₂ *, 13, 3, 3; 2001 DQ₁₂ *, 21, 4, 18; 2001 DR₁₂ *, 16, 3, 3; 2001 DS₁₂ *, 23, 5, 5; 2001 DT₁₂ *, 14, 3, 24; 2001 DU₁₂ *, 13, 3, 24; 2001 DV₁₂ *, 7, 2, 2; 2001 DJ₁₃ *, 12, 3, 20; 2001 DK₁₃ *, 9, 2, 28; 2001 DL₁₃ *, 5, 1, 0; 2001 DM₁₃ *, 4, 1, 0; 2001 DN₁₃ *, 9, 2, 4; 2001 DO₁₃ *, 5, 1, 0; 2001 DQ₁₃ *, 9, 2, 4; 2001 DR₁₃ *, 3, 1, 0; 2001 DT₁₃ *, 4, 1, 0; 2001 DU₁₃ *, 4, 1, 0; 2001 DV₁₃ *, 6, 2, 3; 2001 DY₁₃ *, 3, 1, 0; 2001 DZ₁₃ *, 8, 2, 3; 2001 DA₁₄ *, 16, 4, 20; 2001 DB₁₄ *, 13, 3, 4; 2001 DC₁₄ *, 18, 5, 48; 2001 DD₁₄ *, 23, 5, 49; 2001 DE₁₄ *, 13, 3, 3; 2001 DF₁₄ *, 50, 10, 1057; 2001 DG₁₄ *, 19, 2, 1; 2001 DH₁₄ *, 18, 3, 2; 2001 DJ₁₄ *, 9, 2, 1; 2001 DK₁₄ *, 19, 3, 3; 2001 DL₁₄ *, 22, 4, 3; 2001 DM₁₄ *, 7, 2, 1; 2001 DN₁₄ *, 8, 2, 1; 2001 DO₁₄ *, 1, 0; 2001 DQ₁₄ *, 9, 2, 24; 2001 DT₁₄ *, 3, 1, 0; 2001 DU₁₄ *, 12, 3, 34; 2001 DV₁₄ *, 15, 4, 32; 2001 DW₁₄ *, 10, 2, 2; 2001 DX₁₄ *, 18, 4, 32; 2001 DY₁₄ *, 7, 2, 1; 2001 DZ₁₄ *, 41, 9, 987; 2001 DA₁₅ *, 24, 5, 22; 2001 DB₁₅ *, 25, 5, 32; 2001 DC₁₅ *, 27, 6, 57; 2001 DF₁₅ *, 5, 1, 0; 2001 DG₁₅ *, 20, 5, 34; 2001 DH₁₅ *, 24, 6, 501; 2001 DJ₁₅ *, 16, 4, 32; 2001 DK₁₅ *, 10, 2, 4; 2001 DL₁₅ *, 10, 2, 4; 2001 DM₁₅ *, 8, 2, 4; 2001 DN₁₅ *, 10, 2, 4; 2001 DO₁₅ *, 17, 4, 33; 2001 DP₁₅ *, 10, 2, 4; 2001 DQ₁₅ *, 21, 5, 41; 2001 DR₁₅ *, 21, 5, 41; 2001 DS₁₅ *, 7, 2, 4; 2001 DT₁₅ *, 13, 3, 18; 2001 DU₁₅ *, 7, 2, 4; 2001 DV₁₅ *, 8, 2, 4; 2001 DW₁₅ *, 8, 2, 4; 2001 DX₁₅ *, 14, 2, 4; 2001 DY₁₅ *, 10, 2, 4; 2001 DZ₁₅ *, 8, 2, 4; 2001 DA₁₆ *, 13, 3, 18; 2001 DB₁₆ *, 9, 2, 4; 2001 DC₁₆ *, 9, 2, 4; 2001 DD₁₆ *, 8, 2, 4; 2001 DE₁₆ *, 10, 2, 4; 2001 DF₁₆ *, 34, 7, 1035; 2001 DG₁₆ *, 9, 2, 4; 2001 DH₁₆ *, 7, 2, 4; 2001 DJ₁₆ *, 43, 9, 509; 2001 DK₁₆ *, 12, 3, 18; 2001 DL₁₆ *, 9, 2, 4; 2001 DM₁₆ *, 8, 2, 4; 2001 DN₁₆ *, 17, 4, 1033; 2001 DO₁₆ *, 44, 10, 1064; 2001 DP₁₆ *, 10, 2, 4; 2001 DQ₁₆ *, 7, 2, 4; 2001 DR₁₆ *, 9, 2, 4; 2001 DS₁₆ *, 12, 3, 18; 2001 DT₁₆ *, 22, 5, 46; 2001 DU₁₆ *, 8, 2, 4; 2001 DV₁₆ *, 7, 2, 4; 2001 DW₁₆ *, 9, 2, 4; 2001 DX₁₆ *, 9, 2, 4; 2001 DY₁₆ *, 19, 4, 32; 2001 DZ₁₆ *, 8, 2, 4; 2001 DA₁₇ *, 9, 2, 4; 2001 DB₁₇ *, 13, 3, 18; 2001 DC₁₇ *, 10, 2, 4; 2001 DD₁₇ *, 24, 5, 436; 2001 DE₁₇ *, 23, 5, 20; 2001 DF₁₇ *, 16, 4, 34; 2001 DG₁₇ *, 7, 2, 4; 2001 DH₁₇ *, 14, 3, 18; 2001 DJ₁₇ *, 18, 4, 27; 2001 DK₁₇ *, 8, 2, 4; 2001 DL₁₇ *, 23, 5, 85; 2001 DM₁₇ *, 26, 6, 434; 2001 DN₁₇ *, 9, 2, 4; 2001 DO₁₇ *, 18, 4, 32; 2001 DP₁₇ *, 10, 2, 4; 2001 DQ₁₇ *, 13, 3, 18; 2001 DR₁₇ *, 9, 2, 4; 2001 DS₁₇ *, 22, 5, 1005; 2001 DT₁₇ *, 10, 2, 4; 2001 DU₁₇ *, 9, 2, 4; 2001 DV₁₇ *, 8, 2, 4; 2001 DW₁₇ *, 14, 3, 19; 2001 DX₁₇ *, 9, 2, 4; 2001 DY₁₇ *, 8, 2, 4; 2001 DZ₁₇ *, 22, 5, 42; 2001 DA₁₈ *, 13, 3, 13; 2001 DB₁₈ *, 40, 8, 443; 2001 DC₁₈ *, 9, 2, 4; 2001 DD₁₈ *, 17, 4, 32; 2001 DE₁₈ *, 9, 2, 4; 2001 DF₁₈ *, 23, 4, 33; 2001 DG₁₈ *, 9, 2, 4; 2001 DH₁₈ *, 9, 2, 4; 2001 DJ₁₈ *, 7, 2, 4; 2001 DK₁₈ *, 9, 2, 4; 2001 DL₁₈ *, 8, 2, 4; 2001 DM₁₈ *, 22, 5, 63; 2001 DN₁₈ *, 9, 2, 4; 2001 DO₁₈ *, 9, 2, 4; 2001 DP₁₈ *, 9, 2, 4; 2001 DQ₁₈ *, 10, 2, 4; 2001 DR₁₈ *, 8, 2, 4; 2001 DS₁₈ *, 14, 3, 18; 2001 DT₁₈ *, 9, 2, 4; 2001 DU₁₈ *, 8, 2, 4; 2001 DV₁₈ *, 10, 2, 4; 2001 DW₁₈ *, 10, 2, 4; 2001 DX₁₈ *, 8, 2, 4; 2001 DY₁₈ *, 9, 2, 4; 2001 DZ₁₈ *, 9, 2, 4; 2001 DA₁₉ *, 19, 4, 33; 2001 DB₁₉ *, 19, 4, 33; 2001 DC₁₉ *, 13, 3, 18; 2001 DD₁₉ *, 19, 4, 33; 2001 DE₁₉ *, 7, 2, 4; 2001 DF₁₉ *, 17, 4, 27; 2001 DG₁₉ *, 12, 2, 4; 2001 DH₁₉ *, 23, 4, 970; 2001 DJ₁₉ *, 12, 3, 18; 2001 DK₁₉ *, 6, 2, 4; 2001 DL₁₉ *, 18, 4, 33; 2001 DM₁₉ *, 8, 2, 4; 2001 DN₁₉ *, 15, 3, 20; 2001 DO₁₉ *, 9, 2, 4; 2001 DP₁₉ *, 7, 2, 4; 2001 DQ₁₉ *, 9, 2, 4; 2001 DR₁₉ *, 8, 2, 4; 2001 DS₁₉ *, 8, 2, 4; 2001 DT₁₉ *, 48, 11, 512; 2001 DU₁₉ *, 8, 2, 4; 2001 DV₁₉ *, 23, 5, 42; 2001 DW₁₉ *, 9, 2, 4; 2001 DX₁₉ *, 8, 2, 4; 2001 DY₁₉ *, 7, 2, 4; 2001 DZ₁₉ *, 8, 2, 4; 2001 DA₂₀ *, 9, 2, 4; 2001 DB₂₀ *, 7, 2, 4; 2001 DC₂₀ *, 6, 2, 4; 2001 DD₂₀ *, 13, 3, 18; 2001 DE₂₀ *, 9, 2, 4; 2001 DF₂₀ *, 7, 2, 4; 2001 DG₂₀ *, 6, 2, 4; 2001 DH₂₀ *, 8, 2, 4; 2001 DJ₂₀ *, 17, 4, 27; 2001 DK₂₀ *, 22, 6, 72; 2001 DL₂₀ *, 7, 2, 4; 2001 DM₂₀ *, 11, 3, 18; 2001 DN₂₀ *, 13, 3, 18; 2001 DO₂₀ *, 23, 5, 42; 2001 DP₂₀ *, 18, 4, 27; 2001 DQ₂₀ *, 22, 5, 78; 2001 DR₂₀ *, 7, 2, 4; 2001 DS₂₀ *, 7, 2, 4; 2001 DT₂₀ *, 12, 2, 4; 2001 DU₂₀ *, 8, 2, 4; 2001 DV₂₀ *, 17, 4, 33; 2001 DW₂₀ *, 7, 2, 4; 2001 DX₂₀ *, 8, 2, 4; 2001 DY₂₀ *, 8, 2, 4; 2001 DZ₂₀ *, 8,

2, 4; 2001 DA₂₁ *, 8, 2, 4; 2001 DB₂₁ *, 7, 2, 4; 2001 DC₂₁ *, 8, 2, 4; 2001 DD₂₁ *, 9, 2, 4; 2001 DE₂₁ *, 9, 2, 4; 2001 DF₂₁ *, 8, 2, 4; 2001 DG₂₁ *, 8, 2, 4; 2001 DH₂₁ *, 7, 2, 4; 2001 DJ₂₁ *, 12, 3, 54; 2001 DK₂₁ *, 9, 2, 4; 2001 DL₂₁ *, 8, 2, 4; 2001 DM₂₁ *, 7, 2, 4; 2001 DN₂₁ *, 8, 2, 4; 2001 DO₂₁ *, 9, 2, 4; 2001 DP₂₁ *, 7, 2, 4; 2001 DQ₂₁ *, 20, 5, 509; 2001 DR₂₁ *, 22, 5, 78; 2001 DS₂₁ *, 8, 2, 4; 2001 DT₂₁ *, 23, 5, 500; 2001 DU₂₁ *, 8, 2, 4; 2001 DV₂₁ *, 18, 4, 46; 2001 DW₂₁ *, 9, 2, 4; 2001 DX₂₁ *, 9, 3, 46; 2001 DY₂₁ *, 7, 2, 4; 2001 DZ₂₁ *, 7, 2, 4; 2001 DA₂₂ *, 11, 3, 18; 2001 DB₂₂ *, 7, 2, 4; 2001 DC₂₂ *, 13, 3, 33; 2001 DD₂₂ *, 6, 2, 4; 2001 DE₂₂ *, 6, 2, 4; 2001 DF₂₂ *, 21, 5, 42; 2001 DG₂₂ *, 8, 2, 4; 2001 DH₂₂ *, 11, 3, 18; 2001 DJ₂₂ *, 7, 2, 4; 2001 DK₂₂ *, 7, 2, 4; 2001 DL₂₂ *, 6, 2, 4; 2001 DM₂₂ *, 7, 2, 4; 2001 DN₂₂ *, 19, 5, 86; 2001 DO₂₂ *, 12, 3, 30; 2001 DP₂₂ *, 7, 2, 3; 2001 DQ₂₂ *, 10, 2, 3; 2001 DR₂₂ *, 7, 2, 3; 2001 DS₂₂ *, 8, 2, 3; 2001 DT₂₂ *, 13, 3, 18; 2001 DU₂₂ *, 12, 3, 19; 2001 DV₂₂ *, 9, 2, 3; 2001 DW₂₂ *, 6, 2, 3; 2001 DX₂₂ *, 7, 2, 3; 2001 DY₂₂ *, 8, 2, 3; 2001 DZ₂₂ *, 7, 2, 3; 2001 DA₂₃ *, 7, 2, 3; 2001 DB₂₃ *, 11, 3, 30; 2001 DC₂₃ *, 10, 3, 4; 2001 DD₂₃ *, 7, 2, 3; 2001 DE₂₃ *, 8, 2, 3; 2001 DF₂₃ *, 18, 4, 47; 2001 DG₂₃ *, 10, 2, 3; 2001 DH₂₃ *, 18, 5, 49; 2001 DJ₂₃ *, 10, 2, 3; 2001 DK₂₃ *, 22, 5, 49; 2001 DL₂₃ *, 11, 3, 18; 2001 DM₂₃ *, 8, 2, 3; 2001 DN₂₃ *, 17, 4, 32; 2001 DO₂₃ *, 12, 3, 18; 2001 DP₂₃ *, 11, 3, 18; 2001 DQ₂₃ *, 14, 3, 18; 2001 DR₂₃ *, 13, 4, 32; 2001 DS₂₃ *, 9, 2, 3; 2001 DT₂₃ *, 25, 5, 495; 2001 DU₂₃ *, 8, 2, 3; 2001 DV₂₃ *, 14, 3, 18; 2001 DW₂₃ *, 18, 4, 30; 2001 DX₂₃ *, 7, 2, 3; 2001 DY₂₃ *, 7, 2, 3; 2001 DZ₂₃ *, 10, 2, 3; 2001 DA₂₄ *, 11, 3, 19; 2001 DB₂₄ *, 13, 3, 15; 2001 DC₂₄ *, 9, 2, 3; 2001 DD₂₄ *, 13, 3, 32; 2001 DE₂₄ *, 11, 3, 19; 2001 DF₂₄ *, 12, 3, 19; 2001 DG₂₄ *, 14, 3, 32; 2001 DH₂₄ *, 9, 2, 3; 2001 DJ₂₄ *, 8, 2, 3; 2001 DK₂₄ *, 8, 2, 3; 2001 DL₂₄ *, 7, 2, 3; 2001 DM₂₄ *, 18, 3, 18; 2001 DN₂₄ *, 10, 2, 3; 2001 DO₂₄ *, 8, 2, 3; 2001 DP₂₄ *, 24, 4, 20; 2001 DQ₂₄ *, 18, 4, 32; 2001 DR₂₄ *, 10, 2, 3; 2001 DS₂₄ *, 18, 4, 32; 2001 DT₂₄ *, 8, 2, 3; 2001 DU₂₄ *, 8, 2, 3; 2001 DV₂₄ *, 11, 3, 17; 2001 DW₂₄ *, 15, 4, 32; 2001 DX₂₄ *, 13, 3, 19; 2001 DY₂₄ *, 13, 3, 19; 2001 DZ₂₄ *, 6, 2, 3; 2001 DA₂₅ *, 18, 4, 32; 2001 DB₂₅ *, 9, 2, 3; 2001 DC₂₅ *, 6, 2, 3; 2001 DD₂₅ *, 11, 3, 19; 2001 DE₂₅ *, 10, 2, 3; 2001 DF₂₅ *, 11, 3, 19; 2001 DG₂₅ *, 9, 2, 3; 2001 DH₂₅ *, 7, 2, 3; 2001 DJ₂₅ *, 8, 2, 3; 2001 DK₂₅ *, 18, 4, 19; 2001 DL₂₅ *, 16, 4, 32; 2001 DM₂₅ *, 11, 3, 19; 2001 DN₂₅ *, 8, 2, 3; 2001 DO₂₅ *, 9, 2, 3; 2001 DP₂₅ *, 14, 3, 19; 2001 DQ₂₅ *, 18, 4, 32; 2001 DR₂₅ *, 13, 3, 19; 2001 DS₂₅ *, 13, 3, 19; 2001 DT₂₅ *, 8, 2, 3; 2001 DU₂₅ *, 9, 2, 3; 2001 DV₂₅ *, 13, 2, 3; 2001 DW₂₅ *, 13, 3, 19; 2001 DX₂₅ *, 18, 4, 32; 2001 DY₂₅ *, 8, 2, 3; 2001 DZ₂₅ *, 13, 3, 19; 2001 DA₂₆ *, 15, 4, 32; 2001 DB₂₆ *, 18, 4, 32; 2001 DC₂₆ *, 7, 2, 3; 2001 DD₂₆ *, 15, 3, 18; 2001 DE₂₆ *, 7, 2, 3; 2001 DF₂₆ *, 20, 4, 33; 2001 DG₂₆ *, 12, 3, 19; 2001 DH₂₆ *, 12, 3, 19; 2001 DJ₂₆ *, 15, 4, 20; 2001 DK₂₆ *, 8, 2, 3; 2001 DL₂₆ *, 8, 2, 3; 2001 DM₂₆ *, 10, 2, 3; 2001 DN₂₆ *, 7, 2, 3; 2001 DO₂₆ *, 8, 2, 3; 2001 DP₂₆ *, 7, 2, 3; 2001 DQ₂₆ *, 20, 5, 20; 2001 DR₂₆ *, 14, 3, 4; 2001 DS₂₆ *, 12, 3, 4; 2001 DT₂₆ *, 8, 2, 3; 2001 DU₂₆ *, 8, 2, 3; 2001 DV₂₆ *, 9, 2, 3; 2001 DW₂₆ *, 10, 2, 3; 2001 DX₂₆ *, 8, 2, 3; 2001 DY₂₆ *, 7, 2, 3; 2001 DZ₂₆ *, 13, 3, 19; 2001 DA₂₇ *, 7, 2, 3; 2001 DB₂₇ *, 11, 3, 5; 2001 DC₂₇ *, 13, 3, 5; 2001 DD₂₇ *, 26, 6, 41; 2001 DE₂₇ *, 10, 2, 3; 2001 DF₂₇ *, 9, 2, 3; 2001 DG₂₇ *, 8, 2, 3; 2001 DH₂₇ *, 9, 2, 3; 2001 DJ₂₇ *, 8, 2, 3; 2001 DK₂₇ *, 11, 3, 19; 2001 DL₂₇ *, 13, 3, 18; 2001 DM₂₇ *, 8, 2, 3; 2001 DN₂₇ *, 10, 2, 3; 2001 DO₂₇ *, 10, 2, 3; 2001 DP₂₇ *, 19, 4, 32; 2001 DQ₂₇ *, 7, 2, 3; 2001 DR₂₇ *, 10, 2, 3; 2001 DS₂₇ *, 22, 5, 18; 2001 DT₂₇ *, 17, 4, 30; 2001 DU₂₇ *, 9, 2, 3; 2001 DV₂₇ *, 8, 2, 3; 2001 DW₂₇ *, 7, 2, 3; 2001 DX₂₇ *, 8, 2, 3; 2001 DY₂₇ *, 10, 2, 3; 2001 DZ₂₇ *, 9, 2, 3; 2001 DA₂₈ *, 13, 3, 20; 2001 DB₂₈ *, 14, 2, 3; 2001 DC₂₈ *, 9, 2, 3; 2001 DD₂₈ *, 9, 2, 3; 2001 DE₂₈ *, 8, 2, 3; 2001 DF₂₈ *, 10, 2, 3; 2001 DG₂₈ *, 9, 2, 3; 2001 DH₂₈ *, 7, 2, 3; 2001 DJ₂₈ *, 9, 2, 3; 2001 DK₂₈ *, 8, 2, 3; 2001 DL₂₈ *, 14, 3, 18; 2001 DM₂₈ *, 9, 2, 3; 2001 DN₂₈ *, 16, 4, 32; 2001 DO₂₈ *, 11, 3, 32; 2001 DP₂₈ *, 10, 2, 3; 2001 DQ₂₈ *, 13, 3, 19; 2001 DR₂₈ *, 14, 3, 32; 2001 DS₂₈ *, 8, 2, 3; 2001 DT₂₈ *, 21, 4, 32; 2001 DU₂₈ *, 14, 3, 4; 2001 DV₂₈ *, 23, 5, 48; 2001 DW₂₈ *, 19, 4, 21; 2001 DX₂₈ *, 9, 2, 3; 2001 DY₂₈ *, 11, 3, 5; 2001 DZ₂₈ *, 10, 2, 3; 2001 DA₂₉ *, 18, 4, 19; 2001 DB₂₉ *, 8, 2, 3; 2001 DC₂₉ *, 8, 2, 3; 2001 DD₂₉ *, 15, 3, 32; 2001 DE₂₉ *, 8, 2, 3; 2001 DF₂₉ *, 8, 2, 3; 2001 DG₂₉ *, 9, 2, 3; 2001 DH₂₉ *, 24, 6, 440; 2001 DJ₂₉ *, 11, 3, 19; 2001 DK₂₉ *, 7, 2, 3; 2001 DL

2001 DG₃₂ *, 7, 2, 3; 2001 DH₃₂ *, 8, 2, 3; 2001 DJ₃₂ *, 8, 2, 3; 2001 DK₃₂ *, 8, 2, 3; 2001 DL₃₂ *, 6, 2, 3; 2001 DM₃₂ *, 8, 2, 3; 2001 DN₃₂ *, 9, 2, 3; 2001 DO₃₂ *, 9, 2, 3; 2001 DP₃₂ *, 8, 2, 3; 2001 DQ₃₂ *, 9, 2, 3; 2001 DR₃₂ *, 12, 3, 18; 2001 DS₃₂ *, 8, 2, 3; 2001 DT₃₂ *, 22, 5, 435; 2001 DU₃₂ *, 8, 2, 3; 2001 DV₃₂ *, 8, 2, 3; 2001 DW₃₂ *, 8, 2, 3; 2001 DX₃₂ *, 13, 3, 19; 2001 DY₃₂ *, 9, 2, 3; 2001 DZ₃₂ *, 6, 2, 3; 2001 DA₃₃ *, 12, 2, 3; 2001 DB₃₃ *, 38, 8, 830; 2001 DC₃₃ *, 11, 3, 30; 2001 DD₃₃ *, 11, 2, 3; 2001 DE₃₃ *, 9, 3, 19; 2001 DF₃₃ *, 14, 3, 4; 2001 DG₃₃ *, 9, 2, 3; 2001 DH₃₃ *, 10, 2, 3; 2001 DJ₃₃ *, 7, 2, 3; 2001 DK₃₃ *, 12, 3, 19; 2001 DL₃₃ *, 8, 2, 3; 2001 DM₃₃ *, 19, 4, 47; 2001 DN₃₃ *, 14, 3, 19; 2001 DO₃₃ *, 10, 2, 3; 2001 DP₃₃ *, 8, 2, 3; 2001 DQ₃₃ *, 8, 2, 3; 2001 DR₃₃ *, 8, 2, 3; 2001 DS₃₃ *, 8, 2, 3; 2001 DT₃₃ *, 9, 2, 3; 2001 DU₃₃ *, 15, 3, 19; 2001 DV₃₃ *, 13, 3, 54; 2001 DW₃₃ *, 10, 2, 3; 2001 DX₃₃ *, 10, 2, 3; 2001 DY₃₃ *, 7, 2, 3; 2001 DZ₃₃ *, 8, 2, 3; 2001 DA₃₄ *, 9, 2, 3; 2001 DB₃₄ *, 6, 2, 3; 2001 DC₃₄ *, 8, 2, 3; 2001 DD₃₄ *, 8, 2, 3; 2001 DE₃₄ *, 9, 2, 3; 2001 DF₃₄ *, 8, 2, 3; 2001 DG₃₄ *, 8, 2, 3; 2001 DJ₃₄ *, 10, 2, 1; 2001 DK₃₄ *, 8, 2, 1; 2001 DL₃₄ *, 9, 2, 1; 2001 DM₃₄ *, 20, 5, 62; 2001 DN₃₄ *, 24, 5, 47; 2001 DO₃₄ *, 21, 5, 48; 2001 DP₃₄ *, 22, 6, 51; 2001 DQ₃₄ *, 22, 5, 33; 2001 DR₃₄ *, 24, 5, 49; 2001 DS₃₄ *, 12, 3, 3; 2001 DT₃₄ *, 26, 6, 50; 2001 DU₃₄ *, 22, 5, 33; 2001 DV₃₄ *, 22, 5, 48; 2001 DW₃₄ *, 22, 5, 32; 2001 DX₃₄ *, 21, 5, 32; 2001 DY₃₄ *, 22, 5, 32; 2001 DZ₃₄ *, 38, 5, 32; 2001 DA₃₅ *, 10, 2, 1; 2001 DB₃₅ *, 20, 4, 20; 2001 DC₃₅ *, 23, 4, 20; 2001 DD₃₅ *, 32, 7, 534; 2001 DE₃₅ *, 35, 8, 1450; 2001 DF₃₅ *, 25, 6, 49; 2001 DG₃₅ *, 19, 4, 30; 2001 DH₃₅ *, 13, 3, 18; 2001 DJ₃₅ *, 15, 3, 3; 2001 DK₃₅ *, 15, 3, 7, 1006; 2001 DL₃₅ *, 19, 4, 20; 2001 DM₃₅ *, 20, 4, 20; 2001 DN₃₅ *, 9, 2, 1; 2001 DO₃₅ *, 21, 5, 32; 2001 DP₃₅ *, 11, 3, 3; 2001 DQ₃₅ *, 28, 6, 50; 2001 DR₃₅ *, 13, 3, 30; 2001 DS₃₅ *, 17, 5, 32; 2001 DT₃₅ *, 13, 3, 20; 2001 DU₃₅ *, 15, 3, 3; 2001 DV₃₅ *, 12, 3, 3; 2001 DW₃₅ *, 17, 4, 22; 2001 DX₃₅ *, 20, 4, 22; 2001 DY₃₅ *, 23, 5, 87; 2001 DZ₃₅ *, 29, 6, 50; 2001 DA₃₆ *, 8, 2, 1; 2001 DB₃₆ *, 22, 5, 20; 2001 DC₃₆ *, 23, 5, 497; 2001 DE₃₆ *, 8, 2, 1; 2001 DF₃₆ *, 14, 3, 3; 2001 DG₃₆ *, 18, 4, 22; 2001 DH₃₆ *, 9, 3, 3; 2001 DJ₃₆ *, 23, 5, 32; 2001 DK₃₆ *, 25, 5, 32; 2001 DL₃₆ *, 18, 4, 30; 2001 DM₃₆ *, 12, 3, 18; 2001 DP₃₆ *, 20, 4, 32; 2001 DQ₃₆ *, 17, 3, 3; 2001 DR₃₆ *, 12, 3, 18; 2001 DS₃₆ *, 25, 5, 32; 2001 DT₃₆ *, 13, 3, 18; 2001 DU₃₆ *, 30, 6, 32; 2001 DV₃₆ *, 27, 5, 32; 2001 DW₃₆ *, 30, 7, 438; 2001 DX₃₆ *, 9, 2, 1; 2001 DY₃₆ *, 18, 4, 30; 2001 DZ₃₆ *, 11, 3, 3; 2001 DA₃₇ *, 14, 3, 3; 2001 DB₃₇ *, 12, 3, 3; 2001 DC₃₇ *, 14, 2, 1; 2001 DD₃₇ *, 16, 4, 32; 2001 DE₃₇ *, 19, 3, 3; 2001 DF₃₇ *, 22, 3, 3; 2001 DG₃₇ *, 12, 3, 3; 2001 DH₃₇ *, 43, 6, 34; 2001 DJ₃₇ *, 15, 4, 30; 2001 DK₃₇ *, 7, 2, 1; 2001 DL₃₇ *, 20, 4, 32; 2001 DM₃₇ *, 8, 2, 1; 2001 DN₃₇ *, 19, 4, 20; 2001 DO₃₇ *, 14, 3, 3; 2001 DP₃₇ *, 9, 2, 1; 2001 DQ₃₇ *, 18, 4, 20; 2001 DR₃₇ *, 14, 3, 3; 2001 DS₃₇ *, 17, 4, 22; 2001 DT₃₇ *, 9, 2, 1; 2001 DU₃₇ *, 11, 2, 1; 2001 DV₃₇ *, 6, 2, 1; 2001 DW₃₇ *, 6, 2, 1; 2001 DX₃₇ *, 9, 2, 1; 2001 DY₃₇ *, 9, 2, 1; 2001 DZ₃₇ *, 9, 2, 1; 2001 DA₃₈ *, 9, 2, 1; 2001 DB₃₈ *, 9, 2, 1; 2001 DC₃₈ *, 10, 2, 1; 2001 DD₃₈ *, 8, 2, 1; 2001 DE₃₈ *, 11, 3, 48; 2001 DF₃₈ *, 9, 2, 1; 2001 DG₃₈ *, 8, 2, 1; 2001 DH₃₈ *, 9, 2, 1; 2001 DJ₃₈ *, 9, 2, 1; 2001 DK₃₈ *, 8, 2, 1; 2001 DL₃₈ *, 12, 3, 20; 2001 DM₃₈ *, 10, 2, 1; 2001 DN₃₈ *, 13, 3, 18; 2001 DO₃₈ *, 19, 4, 22; 2001 DP₃₈ *, 20, 5, 47; 2001 DQ₃₈ *, 23, 5, 47; 2001 DR₃₈ *, 11, 3, 20; 2001 DS₃₈ *, 13, 2, 1; 2001 DT₃₈ *, 8, 2, 1; 2001 DU₃₈ *, 8, 2, 1; 2001 DV₃₈ *, 15, 4, 30; 2001 DW₃₈ *, 15, 4, 20; 2001 DX₃₈ *, 12, 3, 20; 2001 DY₃₈ *, 7, 2, 1; 2001 DZ₃₈ *, 13, 3, 20; 2001 DA₃₉ *, 15, 4, 20; 2001 DB₃₉ *, 6, 2, 1; 2001 DC₃₉ *, 11, 3, 3; 2001 DD₃₉ *, 18, 4, 22; 2001 DE₃₉ *, 17, 4, 20; 2001 DF₃₉ *, 16, 3, 20; 2001 DG₃₉ *, 16, 4, 19; 2001 DH₃₉ *, 18, 3, 3; 2001 DJ₃₉ *, 8, 2, 1; 2001 DK₃₉ *, 14, 2, 1; 2001 DL₃₉ *, 38, 7, 1057; 2001 DM₃₉ *, 26, 4, 21; 2001 DN₃₉ *, 17, 4, 22; 2001 DO₃₉ *, 8, 2, 1; 2001 DP₃₉ *, 7, 2, 1; 2001 DQ₃₉ *, 13, 2, 1; 2001 DR₃₉ *, 17, 4, 20; 2001 DS₃₉ *, 18, 5, 32; 2001 DT₃₉ *, 24, 6, 50; 2001 DU₃₉ *, 24, 4, 32; 2001 DV₃₉ *, 19, 4, 21; 2001 DW₃₉ *, 12, 3, 2; 2001 DX₃₉ *, 7, 2, 1; 2001 DY₃₉ *, 7, 2, 1; 2001 DZ₃₉ *, 7, 2, 1; 2001 DA₄₀ *, 8, 2, 1; 2001 DB₄₀ *, 7, 2, 1; 2001 DC₄₀ *, 11, 3, 27; 2001 DD₄₀ *, 8, 2, 1; 2001 DE₄₀ *, 7, 2, 1; 2001 DF₄₀ *, 12, 3, 18; 2001 DG₄₀ *, 8, 2, 1; 2001 DH₄₀ *, 12, 3, 3; 2001 DJ₄₀ *, 19, 5, 32; 2001 DK₄₀ *, 10, 2, 1; 2001 DL₄₀ *, 15, 4, 52; 2001 DM₄₀ *, 12, 2, 1; 2001 DN₄₀ *, 9, 2, 1; 2001 DO₄₀ *, 9, 2, 1; 2001 DP₄₀ *, 10, 2, 1; 2001 DQ₄₀ *, 10, 2, 1; 2001 DR₄₀ *, 19, 3, 3; 2001 DS₄₀ *, 10, 2, 1; 2001 DT₄₀ *, 7, 2, 1; 2001 DU₄₀ *, 31, 6, 31; 2001 DV₄₀ *, 9, 2, 1; 2001 DW₄₀ *, 13, 2, 1; 2001 DX₄₀ *, 8, 2, 1; 2001 DY₄₀ *, 19, 3, 19; 2001 DZ₄₀ *, 8, 2, 1; 2001 DA₄₁ *, 12, 3, 3; 2001 DB₄₁ *, 8, 2, 1; 2001 DC₄₁ *, 12, 2, 1; 2001 DD₄₁ *, 15, 2, 1; 2001 DE₄₁ *, 22, 4, 3; 2001 DF₄₁ *, 19, 3, 2; 2001 DG₄₁ *, 18, 4, 4; 2001 DH₄₁ *, 11, 3, 3; 2001 DJ₄₁ *, 20, 4, 20; 2001 DK₄₁ *, 18, 4, 22; 2001 DL₄₁ *, 20, 3, 3; 2001 DM₄₁ *, 15, 3, 3; 2001 DN₄₁ *, 22, 4, 22; 2001 DO₄₁ *, 18, 3, 3; 2001 DP₄₁ *, 18, 3, 3; 2001 DQ₄₁ *, 22, 3, 3; 2001 DR₄₁ *, 7, 2, 1; 2001 DS₄₁ *, 14, 3, 3; 2001 DT₄₁ *, 28, 4, 32; 2001 DU₄₁ *, 14, 4, 30; 2001 DV₄₁ *, 23, 3, 3; 2001 DW₄₁ *, 13, 3, 3; 2001 DX₄₁ *, 22, 3, 3; 2001 DY₄₁ *, 20, 3, 3; 2001 DZ₄₁ *, 8, 2, 1; 2001 DA₄₂ *, 17, 4, 21; 2001 DB₄₂ *, 16, 4, 22; 2001 DC₄₂ *, 8, 2, 1; 2001 DD₄₂ *, 19, 4, 32; 2001 DE₄₂ *, 32, 6, 21; 2001 DF₄₂ *, 22, 4, 3; 2001 DG₄₂ *, 10, 2, 1; 2001 DH₄₂ *, 14, 3, 3; 2001 DJ₄₂ *, 14, 3, 3; 2001 DK₄₂ *, 14, 3, 3; 2001 DL₄₂ *, 13, 3, 3; 2001 DM₄₂ *, 8, 2, 1; 2001 DN₄₂ *, 17, 4, 22; 2001 DO₄₂ *, 14, 3, 3; 2001 DP₄₂ *, 14, 3, 3; 2001 DQ₄₂ *, 12, 3, 3; 2001 DR₄₂ *, 15, 3, 3; 2001 DS₄₂ *, 28, 5, 21; 2001 DT₄₂ *, 10, 3, 3; 2001 DU₄₂ *, 25, 4, 3; 2001 DV₄₂ *, 14, 3, 3; 2001 DW₄₂ *, 33, 7, 1037; 2001 DX₄₂ *, 12, 3, 3; 2001 DY₄₂ *, 19, 4, 22; 2001 DZ₄₂ *, 12, 3, 3; 2001 DA₄₃ *, 18, 4, 32; 2001 DB₄₃ *, 10, 3, 3; 2001 DC₄₃ *, 22, 5, 32; 2001 DD₄₃ *, 24, 5, 32; 2001 DE₄₃ *, 14, 3, 3; 2001 DF₄₃ *, 7,

2, 1; 2001 DG₄₃ *, 13, 3, 3; 2001 DH₄₃ *, 9, 2, 1; 2001 DJ₄₃ *, 9, 2, 1; 2001 DK₄₃ *, 12, 4, 32; 2001 DL₄₃ *, 8, 2, 1; 2001 DM₄₃ *, 8, 2, 1; 2001 DN₄₃ *, 12, 3, 3; 2001 DO₄₃ *, 22, 5, 20; 2001 DP₄₃ *, 12, 3, 3; 2001 DQ₄₃ *, 13, 3, 3; 2001 DR₄₃ *, 14, 3, 3; 2001 DS₄₃ *, 19, 4, 22; 2001 DT₄₃ *, 11, 3, 3; 2001 DU₄₃ *, 15, 3, 3; 2001 DV₄₃ *, 15, 4, 22; 2001 DW₄₃ *, 18, 4, 3; 2001 DX₄₃ *, 13, 3, 2; 2001 DY₄₃ *, 9, 2, 1; 2001 DZ₄₃ *, 14, 3, 2; 2001 DA₄₄ *, 14, 3, 2; 2001 DB₄₄ *, 15, 3, 3; 2001 DC₄₄ *, 15, 3, 3; 2001 DD₄₄ *, 36, 7, 49; 2001 DE₄₄ *, 17, 4, 3; 2001 DF₄₄ *, 9, 2, 1; 2001 DG₄₄ *, 11, 3, 32; 2001 DH₄₄ *, 8, 2, 1; 2001 DJ₄₄ *, 19, 4, 1059; 2001 DK₄₄ *, 19, 3, 20; 2001 DL₄₄ *, 26, 5, 21; 2001 DM₄₄ *, 15, 4, 3; 2001 DN₄₄ *, 19, 3, 3; 2001 DO₄₄ *, 18, 3, 2; 2001 DP₄₄ *, 13, 3, 3; 2001 DQ₄₄ *, 23, 5, 24; 2001 DR₄₄ *, 18, 4, 33; 2001 DS₄₄ *, 7, 2, 1; 2001 DT₄₄ *, 14, 3, 3; 2001 DU₄₄ *, 32, 6, 32; 2001 DV₄₄ *, 11, 3, 3; 2001 DW₄₄ *, 20, 5, 32; 2001 DX₄₄ *, 13, 3, 3; 2001 DY₄₄ *, 21, 4, 3; 2001 DZ₄₄ *, 22, 4, 3; 2001 DA₄₅ *, 8, 2, 1; 2001 DB₄₅ *, 13, 3, 3; 2001 DC₄₅ *, 11, 3, 3; 2001 DD₄₅ *, 14, 3, 3; 2001 DE₄₅ *, 11, 3, 3; 2001 DF₄₅ *, 9, 2, 1; 2001 DG₄₅ *, 14, 3, 3; 2001 DH₄₅ *, 13, 3, 3; 2001 DJ₄₅ *, 9, 2, 1; 2001 DK₄₅ *, 14, 3, 3; 2001 DL₄₅ *, 19, 4, 3; 2001 DM₄₅ *, 24, 4, 3; 2001 DN₄₅ *, 8, 2, 1; 2001 DO₄₅ *, 24, 4, 3; 2001 DP₄₅ *, 35, 5, 27; 2001 DQ₄₅ *, 13, 3, 3; 2001 DR₄₅ *, 15, 3, 3; 2001 DS₄₅ *, 31, 5, 27; 2001 DT₄₅ *, 9, 2, 1; 2001 DU₄₅ *, 13, 3, 3; 2001 DV₄₅ *, 7, 2, 1; 2001 DW₄₅ *, 17, 4, 3; 2001 DX₄₅ *, 24, 4, 3; 2001 DY₄₅ *, 19, 4, 27; 2001 DZ₄₅ *, 12, 3, 19; 2001 DA₄₆ *, 11, 3, 19; 2001 DB₄₆ *, 8, 2, 1; 2001 DC₄₆ *, 8, 2, 1; 2001 DD₄₆ *, 8, 2, 1; 2001 DE₄₆ *, 6, 2, 1; 2001 DF₄₆ *, 6, 2, 1; 2001 DG₄₆ *, 7, 2, 1; 2001 DH₄₆ *, 18, 3, 3; 2001 DJ₄₆ *, 29, 5, 32; 2001 DK₄₆ *, 16, 4, 3; 2001 DL₄₆ *, 11, 3, 3; 2001 DM₄₆ *, 15, 4, 3; 2001 DN₄₆ *, 15, 3, 3; 2001 DO₄₆ *, 7, 2, 1; 2001 DP₄₆ *, 20, 5, 1034; 2001 DQ₄₆ *, 8, 2, 1; 2001 DR₄₆ *, 10, 2, 1; 2001 DS₄₆ *, 9, 2, 1; 2001 DT₄₆ *, 7, 2, 1; 2001 DU₄₆ *, 9, 2, 1; 2001 DV₄₆ *, 11, 3, 25; 2001 DW₄₆ *, 13, 2, 1; 2001 DX₄₆ *, 9, 2, 1; 2001 DY₄₆ *, 8, 2, 1; 2001 DZ₄₆ *, 12, 3, 3; 2001 DA₄₇ *, 18, 4, 3; 2001 DB₄₇ *, 17, 4, 3; 2001 DC₄₇ *, 6, 2, 1; 2001 DD₄₇ *, 26, 6, 499; 2001 DE₄₇ *, 23, 6, 6; 2001 DF₄₇ *, 20, 4, 5; 2001 DG₄₇ *, 14, 2, 1; 2001 DH₄₇ *, 10, 2, 1; 2001 DJ₄₇ *, 9, 3, 2; 2001 DK₄₇ *, 3, 1, 0; 2001 DL₄₇ *, 4, 1, 0; 2001 DM₄₇ *, 4, 1, 0; 2001 DN₄₇ *, 5, 1, 0; 2001 DO₄₇ *, 5, 1, 0; 2001 DP₄₇ *, 11, 2, 4; 2001 DV₄₇ *, 9, 2, 4; 2001 DW₄₇ *, 13, 2, 4; 2001 DX₄₇ *, 8, 2, 1; 2001 DY₄₇ *, 9, 2, 5; 2001 DZ₄₇ *, 18, 4, 46; 2001 DA₄₈ *, 8, 2, 5; 2001 DB₄₈ *, 8, 2, 5; 2001 DC₄₈ *, 8, 2, 5; 2001 DE₄₈ *, 8, 2, 5; 2001 DJ₄₈ *, 8, 2, 5; 2001 DK₄₈ *, 14, 3, 86; 2001 DL₄₈ *, 9, 2, 5; 2001 DM₄₈ *, 9, 2, 5; 2001 DN₄₈ *, 9, 2, 5; 2001 DO₄₈ *, 13, 3, 32; 2001 DP₄₈ *, 16, 4, 85; 2001 DQ₄₈ *, 9, 2, 5; 2001 DR₄₈ *, 9, 2, 5; 2001 DS₄₈ *, 9, 2, 5; 2001 DT₄₈ *, 8, 2, 5; 2001 DU₄₈ *, 13, 3, 34; 2001 DV₄₈ *, 8, 2, 5; 2001 DW₄₈ *, 10, 2, 5; 2001 DX₄₈ *, 12, 3, 18; 2001 DY₄₈ *, 8, 2, 5; 2001 DZ₄₈ *, 8, 2, 5; 2001 DA₄₉ *, 9, 2, 5; 2001 DB₄₉ *, 8, 2, 5; 2001 DC₄₉ *, 14, 3, 34; 2001 DD₄₉ *, 8, 2, 5; 2001 DE₄₉ *, 9, 2, 5; 2001 DF₄₉ *, 10, 2, 5; 2001 DG₄₉ *, 8, 2, 5; 2001 DH₄₉ *, 14, 3, 34; 2001 DJ₄₉ *, 18, 4, 34; 2001 DK₄₉ *, 15, 3, 34; 2001 DL₄₉ *, 19, 4, 1393; 2001 DM₄₉ *, 18, 4, 34; 2001 DN₄₉ *, 19, 4, 34; 2001 DO₄₉ *, 10, 2, 5; 2001 DP₄₉ *, 8, 2, 5; 2001 DQ₄₉ *, 8, 2, 5; 2001 DR₄₉ *, 14, 4, 1450; 2001 DS₄₉ *, 10, 2, 5; 2001 DT₄₉ *, 11, 3, 34; 2001 DU₄₉ *, 11, 3, 18; 2001 DV₄₉ *, 7, 2, 5; 2001 DW₄₉ *, 22, 5, 47; 2001 DX₄₉ *, 9, 2, 5; 2001 DY₄₉ *, 17, 4, 34; 2001 DZ₄₉ *, 8, 2, 5; 2001 DA₅₀ *, 6, 2, 5; 2001 DB₅₀ *, 7, 2, 5; 2001 DC₅₀ *, 8, 2, 5; 2001 DD₅₀ *, 15, 4, 34; 2001 DE₅₀ *, 8, 2, 5; 2001 DF₅₀ *, 7, 2, 5; 2001 DG₅₀ *, 9, 2, 5; 2001 DH₅₀ *, 8, 2, 5; 2001 DJ₅₀ *, 7, 2, 5; 2001 DK₅₀ *, 7, 2, 5; 2001 DL₅₀ *, 7, 2, 5; 2001 DM₅₀ *, 6, 2, 5; 2001 DN₅₀ *, 9, 2, 5; 2001 DO₅₀ *, 8, 2, 5; 2001 DP₅₀ *, 16, 4, 34; 2001 DQ₅₀ *, 7, 2, 5; 2001 DR₅₀ *, 8, 2, 5; 2001 DS₅₀ *, 22, 5, 79; 2001 DT₅₀ *, 7, 2, 5; 2001 DU₅₀ *, 26, 4, 34; 2001 DV₅₀ *, 30, 6, 1037; 2001 DW₅₀ *, 11, 3, 19; 2001 DX₅₀ *, 8, 2, 5; 2001 DY₅₀ *, 7, 2, 5; 2001 DZ₅₀ *, 10, 2, 5; 2001 DA₅₁ *, 21, 5, 46; 2001 DB₅₁ *, 10, 2, 5; 2001 DC₅₁ *, 13, 3, 18; 2001 DD₅₁ *, 10, 2, 5; 2001 DE₅₁ *, 10, 2, 5; 2001 DF₅₁ *, 9, 2, 5; 2001 DG₅₁ *, 9, 2, 5; 2001 DH₅₁ *, 29, 6, 79; 2001 DJ₅₁ *, 8, 2, 5; 2001 DK₅₁ *, 13, 3, 18; 2001 DL₅₁ *, 10, 2, 5; 2001 DM₅₁ *, 19, 4, 34; 2001 DN₅₁ *, 19, 4, 34; 2001 DO₅₁ *, 22, 5, 79; 2001 DP₅₁ *, 6, 2, 5; 2001 DQ₅₁ *, 24, 5, 64; 2001 DR₅₁ *, 8, 2, 5; 2001 DS₅₁ *, 20, 4, 47; 2001 DT₅₁ *, 7, 2, 5; 2001 DU₅₁ *, 9, 2, 5; 2001 DV₅₁ *, 23, 5, 79; 2001 DW₅₁ *, 14, 3, 18; 2001 DX₅₁ *, 28, 6, 79; 2001 DY₅₁ *, 13, 4, 34; 2001 DZ₅₁ *, 19, 4, 34; 2001 DA₅₂ *, 10, 2, 5; 2001 DB₅₂ *, 8, 2, 5; 2001 DC₅₂ *, 24, 5, 79; 2001 DD₅₂ *, 32, 7, 79; 2001 DE₅₂ *, 8, 2, 5; 2001 DF₅₂ *, 9, 2, 5; 2

1, 0; 2001 DF₅₈ *, 4, 1, 0; 2001 DJ₅₈ *, 4, 1, 0; 2001 DM₅₈ *, 5, 1, 0; 2001 DO₅₈ *, 7, 2, 34; 2001 DR₅₈ *, 13, 3, 50; 2001 DS₅₈ *, 4, 1, 0; 2001 DT₅₈ *, 10, 2, 19; 2001 DU₅₈ *, 10, 2, 3; 2001 DV₅₈ *, 10, 2, 3; 2001 DW₅₈ *, 8, 2, 2; 2001 DX₅₈ *, 9, 2, 1; 2001 DY₅₈ *, 10, 2, 1; 2001 DZ₅₈ *, 6, 2, 1; 2001 DA₅₉ *, 9, 2, 1; 2001 DB₅₉ *, 10, 2, 1; 2001 DC₅₉ *, 9, 2, 3; 2001 DE₅₉ *, 9, 2, 1; 2001 DF₅₉ *, 8, 2, 5; 2001 DG₅₉ *, 7, 2, 5; 2001 DH₅₉ *, 7, 2, 5; 2001 DJ₅₉ *, 16, 4, 29; 2001 DK₅₉ *, 17, 4, 29; 2001 DL₅₉ *, 6, 2, 5; 2001 DM₅₉ *, 21, 4, 28; 2001 DN₅₉ *, 15, 4, 476; 2001 DO₅₉ *, 10, 2, 5; 2001 DP₅₉ *, 10, 2, 5; 2001 DQ₅₉ *, 8, 2, 5; 2001 DR₅₉ *, 15, 3, 49; 2001 DS₅₉ *, 10, 2, 5; 2001 DT₅₉ *, 9, 2, 3; 2001 DU₅₉ *, 35, 7, 114; 2001 DV₅₉ *, 7, 2, 3; 2001 DW₅₉ *, 10, 2, 3; 2001 DX₅₉ *, 9, 2, 3; 2001 DY₅₉ *, 8, 2, 3; 2001 DZ₅₉ *, 8, 2, 3; 2001 DA₆₀ *, 9, 2, 3; 2001 DB₆₀ *, 7, 2, 3; 2001 DC₆₀ *, 18, 4, 22; 2001 DD₆₀ *, 9, 2, 3; 2001 DE₆₀ *, 17, 4, 32; 2001 DF₆₀ *, 14, 3, 32; 2001 DG₆₀ *, 8, 2, 3; 2001 DH₆₀ *, 20, 4, 32; 2001 DJ₆₀ *, 12, 3, 32; 2001 DK₆₀ *, 8, 2, 3; 2001 DL₆₀ *, 10, 2, 3; 2001 DM₆₀ *, 9, 2, 3; 2001 DN₆₀ *, 11, 3, 32; 2001 DO₆₀ *, 8, 2, 3; 2001 DP₆₀ *, 13, 3, 20; 2001 DQ₆₀ *, 6, 2, 3; 2001 DR₆₀ *, 10, 2, 3; 2001 DS₆₀ *, 11, 3, 32; 2001 DT₆₀ *, 7, 2, 3; 2001 DU₆₀ *, 14, 2, 3; 2001 DV₆₀ *, 18, 4, 32; 2001 DW₆₀ *, 9, 2, 3; 2001 DX₆₀ *, 7, 2, 3; 2001 DY₆₀ *, 8, 2, 3; 2001 DZ₆₀ *, 19, 4, 32; 2001 DA₆₁ *, 10, 2, 3; 2001 DB₆₁ *, 18, 4, 32; 2001 DC₆₁ *, 7, 2, 3; 2001 DD₆₁ *, 7, 2, 3; 2001 DE₆₁ *, 9, 2, 3; 2001 DF₆₁ *, 9, 2, 3; 2001 DG₆₁ *, 7, 2, 3; 2001 DH₆₁ *, 9, 2, 3; 2001 DJ₆₁ *, 8, 2, 3; 2001 DK₆₁ *, 13, 4, 32; 2001 DL₆₁ *, 8, 2, 3; 2001 DM₆₁ *, 8, 2, 3; 2001 DN₆₁ *, 10, 2, 3; 2001 DO₆₁ *, 9, 2, 3; 2001 DP₆₁ *, 9, 2, 3; 2001 DQ₆₁ *, 6, 2, 3; 2001 DR₆₁ *, 8, 2, 3; 2001 DS₆₁ *, 11, 2, 3; 2001 DT₆₁ *, 6, 2, 3; 2001 DU₆₁ *, 10, 2, 3; 2001 DV₆₁ *, 10, 2, 3; 2001 DW₆₁ *, 8, 2, 3; 2001 DX₆₁ *, 7, 2, 3; 2001 DY₆₁ *, 12, 3, 9; 2001 DZ₆₁ *, 6, 2, 3; 2001 DA₆₂ *, 9, 2, 3; 2001 DB₆₂ *, 14, 4, 34; 2001 DC₆₂ *, 8, 2, 3; 2001 DD₆₂ *, 10, 2, 3; 2001 DE₆₂ *, 8, 2, 3; 2001 DF₆₂ *, 17, 4, 20; 2001 DG₆₂ *, 8, 2, 3; 2001 DH₆₂ *, 10, 2, 3; 2001 DJ₆₂ *, 8, 2, 3; 2001 DK₆₂ *, 7, 2, 3; 2001 DL₆₂ *, 8, 2, 3; 2001 DM₆₂ *, 10, 2, 3; 2001 DN₆₂ *, 10, 2, 3; 2001 DO₆₂ *, 9, 2, 3; 2001 DP₆₂ *, 15, 3, 22; 2001 DQ₆₂ *, 10, 2, 3; 2001 DR₆₂ *, 10, 2, 3; 2001 DS₆₂ *, 8, 2, 3; 2001 DT₆₂ *, 35, 7, 501; 2001 DU₆₂ *, 17, 4, 503; 2001 DV₆₂ *, 9, 2, 3; 2001 DW₆₂ *, 15, 3, 22; 2001 DX₆₂ *, 9, 2, 3; 2001 DY₆₂ *, 10, 2, 3; 2001 DZ₆₂ *, 9, 2, 3; 2001 DA₆₃ *, 12, 3, 32; 2001 DB₆₃ *, 10, 2, 3; 2001 DC₆₃ *, 10, 2, 3; 2001 DD₆₃ *, 14, 3, 22; 2001 DE₆₃ *, 9, 2, 3; 2001 DF₆₃ *, 6, 2, 3; 2001 DG₆₃ *, 9, 2, 3; 2001 DH₆₃ *, 10, 2, 3; 2001 DJ₆₃ *, 14, 3, 22; 2001 DK₆₃ *, 10, 2, 3; 2001 DL₆₃ *, 10, 2, 3; 2001 DM₆₃ *, 15, 3, 32; 2001 DN₆₃ *, 10, 2, 3; 2001 DO₆₃ *, 9, 2, 3; 2001 DP₆₃ *, 14, 3, 27; 2001 DQ₆₃ *, 10, 2, 3; 2001 DR₆₃ *, 10, 2, 3; 2001 DS₆₃ *, 8, 2, 3; 2001 DT₆₃ *, 14, 3, 22; 2001 DU₆₃ *, 15, 3, 32; 2001 DV₆₃ *, 10, 2, 3; 2001 DW₆₃ *, 8, 2, 3; 2001 DX₆₃ *, 15, 3, 22; 2001 DY₆₃ *, 10, 2, 3; 2001 DZ₆₃ *, 10, 2, 3; 2001 DA₆₄ *, 7, 2, 3; 2001 DB₆₄ *, 20, 4, 32; 2001 DC₆₄ *, 8, 2, 3; 2001 DD₆₄ *, 10, 2, 3; 2001 DE₆₄ *, 7, 2, 3; 2001 DF₆₄ *, 19, 4, 87; 2001 DG₆₄ *, 8, 2, 3; 2001 DH₆₄ *, 10, 2, 3; 2001 DJ₆₄ *, 13, 3, 22; 2001 DK₆₄ *, 10, 2, 3; 2001 DL₆₄ *, 15, 3, 32; 2001 DM₆₄ *, 10, 2, 3; 2001 DN₆₄ *, 9, 2, 3; 2001 DO₆₄ *, 10, 2, 3; 2001 DP₆₄ *, 10, 2, 3; 2001 DQ₆₄ *, 10, 2, 3; 2001 DR₆₄ *, 10, 2, 3; 2001 DS₆₄ *, 10, 2, 3; 2001 DT₆₄ *, 8, 2, 3; 2001 DU₆₄ *, 10, 2, 3; 2001 DV₆₄ *, 14, 3, 27; 2001 DW₆₄ *, 9, 2, 3; 2001 DX₆₄ *, 27, 6, 969; 2001 DY₆₄ *, 6, 2, 3; 2001 DZ₆₄ *, 16, 3, 22; 2001 DA₆₅ *, 9, 2, 3; 2001 DB₆₅ *, 9, 2, 3; 2001 DC₆₅ *, 7, 2, 3; 2001 DD₆₅ *, 9, 2, 3; 2001 DE₆₅ *, 10, 2, 3; 2001 DF₆₅ *, 10, 2, 3; 2001 DG₆₅ *, 19, 4, 32; 2001 DH₆₅ *, 13, 3, 32; 2001 DJ₆₅ *, 14, 3, 32; 2001 DK₆₅ *, 7, 2, 3; 2001 DL₆₅ *, 9, 2, 3; 2001 DM₆₅ *, 10, 2, 3; 2001 DN₆₅ *, 9, 2, 3; 2001 DO₆₅ *, 9, 2, 3; 2001 DP₆₅ *, 6, 2, 3; 2001 DR₆₅ *, 10, 2, 3; 2001 DS₆₅ *, 10, 2, 3; 2001 DT₆₅ *, 20, 5, 455; 2001 DU₆₅ *, 9, 2, 3; 2001 DV₆₅ *, 13, 3, 24; 2001 DW₆₅ *, 9, 2, 3; 2001 DX₆₅ *, 8, 2, 3; 2001 DY₆₅ *, 13, 3, 27; 2001 DZ₆₅ *, 9, 2, 3; 2001 DA₆₆ *, 7, 2, 3; 2001 DB₆₆ *, 10, 2, 3; 2001 DC₆₆ *, 10, 2, 3; 2001 DD₆₆ *, 8, 2, 3; 2001 DE₆₆ *, 9, 2, 3; 2001 DF₆₆ *, 8, 2, 3; 2001 DG₆₆ *, 8, 2, 3; 2001 DH₆₆ *, 10, 2, 3; 2001 DJ₆₆ *, 18, 4, 32; 2001 DK₆₆ *, 8, 2, 3; 2001 DL₆₆ *, 14, 3, 27; 2001 DM₆₆ *, 10, 2, 3; 2001 DN₆₆ *, 8, 2, 3; 2001 DO₆₆ *, 10, 2, 3; 2001 DP₆₆ *, 15, 3, 35; 2001 DQ₆₆ *, 15, 2, 3; 2001 DR₆₆ *, 8, 2, 3; 2001 DS₆₆ *, 6, 2, 3; 2001 DT₆₆ *, 10, 2, 3; 2001 DU₆₆ *, 10, 2, 3; 2001 DV₆₆ *, 7, 2, 3; 2001 DW₆₆ *, 12, 2, 3; 2001 DX₆₆ *, 9, 2, 3; 2001 DY₆₆ *, 10, 2, 3; 2001 DZ₆₆ *, 9, 2, 3; 2001 DA₆₇ *, 10, 2, 3; 2001 DB₆₇ *, 14, 3, 27; 2001 DC₆₇ *, 10, 2, 3; 2001 DD₆₇ *, 10, 2, 3; 2001 DE₆₇ *, 8, 2, 3; 2001 DF₆₇ *, 10, 2, 3; 2001 DG₆₇ *, 10, 2, 3; 2001 DH₆₇ *, 10, 2, 3; 2001 DJ₆₇ *, 10, 2, 3; 2001 DK₆₇ *, 9, 2, 3; 2001 DL₆₇ *, 9, 2, 3; 2001 DM₆₇ *, 10, 2, 3; 2001 DN₆₇ *, 9, 2, 3; 2001 DO₆₇ *, 7, 2, 3; 2001 DP₆₇ *, 14, 2, 3; 2001 DQ₆₇ *, 8, 2, 3; 2001 DR₆₇ *, 9, 2, 3; 2001 DS₆₇ *, 8, 2, 3; 2001 DT₆₇ *, 9, 2, 3; 2001 DU₆₇ *, 10, 2, 3; 2001 DV₆₇ *, 10, 2, 3; 2001 DW₆₇ *, 9, 2, 3; 2001 DX₆₇ *, 15, 3, 27; 2001 DY₆₇ *, 15, 3, 27; 2001 DZ₆₇ *, 10, 2, 3; 2001 DA₆₈ *, 10, 2, 3; 2001 DB₆₈ *, 8, 2, 3; 2001 DC₆₈ *, 8, 2, 3; 2001 DD₆₈ *, 28, 6, 87; 2001 DE₆₈ *, 10, 2, 3; 2001 DF₆₈ *, 17, 4, 23; 2001 DG₆₈ *, 10, 2, 3; 2001 DH₆₈ *, 10, 2, 3; 2001 DJ₆₈ *, 9, 2, 3; 2001 DK₆₈ *, 8, 2, 3; 2001 DL₆₈ *, 10, 2, 3; 2001 DM₆₈ *, 10, 2, 3; 2001 DN₆₈ *, 15, 3, 22; 2001 DO₆₈ *, 10, 2, 3; 2001 DP₆₈ *, 10, 2, 3; 2001 DQ₆₈ *, 18, 4, 27; 2001 DR₆₈ *, 8, 2, 3; 2001 DS₆₈ *, 10, 2, 3; 2001 DT₆₈ *, 10, 2, 3; 2001 DU₆₈ *, 10, 2, 3; 2001 DV₆₈ *, 10, 2, 3; 2001 DW₆₈ *, 9, 2, 3; 2001 DX₆₈ *, 15, 3, 27; 2001 DY₆₈ *, 10, 2, 3; 2001 DZ₆₈ *, 9, 2, 3; 2001 DA₆₉ *, 9, 2, 3; 2001 DB₆₉ *, 25, 5, 475; 2001 DC₆₉ *, 10, 2, 3; 2001 DD₆₉ *, 9, 2, 3; 2001 DE₆₉ *, 9, 2, 3; 2001 DF₆₉ *, 14, 3, 27; 2001 DG₆₉ *, 8, 2, 3; 2001 DH₆₉ *, 10, 2, 3; 2001 DJ₆₉ *, 7, 2, 3; 2001 DK₆₉ *, 14, 3, 27; 2001 DL₆₉ *, 11, 3, 11; 2001 DM₆₉ *, 10, 2, 3; 2001 DN₆₉ *, 10, 2, 3; 2001 DO₆₉ *, 9, 2, 3; 2001 DP₆₉ *, 8, 2, 3; 2001 DQ₆₉ *, 10, 2, 3; 2001 DR₆₉ *, 9, 2, 3; 2001 DS₆₉ *, 7, 2,

3; 2001 DT₆₉ *, 10, 2, 3; 2001 DU₆₉ *, 7, 2, 3; 2001 DV₆₉ *, 13, 3, 11; 2001 DW₆₉ *, 13, 3, 27; 2001 DX₆₉ *, 8, 2, 3; 2001 DY₆₉ *, 8, 2, 3; 2001 DZ₆₉ *, 8, 2, 3; 2001 DA₇₀ *, 15, 3, 27; 2001 DB₇₀ *, 10, 2, 3; 2001 DC₇₀ *, 7, 2, 3; 2001 DD₇₀ *, 10, 2, 3; 2001 DE₇₀ *, 10, 2, 3; 2001 DF₇₀ *, 14, 3, 27; 2001 DG₇₀ *, 13, 3, 11; 2001 DH₇₀ *, 10, 2, 3; 2001 DJ₇₀ *, 8, 2, 3; 2001 DK₇₀ *, 13, 3, 11; 2001 DL₇₀ *, 13, 3, 11; 2001 DM₇₀ *, 10, 2, 3; 2001 DN₇₀ *, 10, 2, 3; 2001 DO₇₀ *, 9, 2, 3; 2001 DP₇₀ *, 9, 2, 3; 2001 DQ₇₀ *, 9, 2, 3; 2001 DR₇₀ *, 9, 2, 3; 2001 DS₇₀ *, 9, 2, 3; 2001 DT₇₀ *, 9, 2, 3; 2001 DU₇₀ *, 9, 2, 3; 2001 DV₇₀ *, 14, 3, 27; 2001 DW₇₀ *, 7, 2, 3; 2001 DX₇₀ *, 9, 2, 3; 2001 DY₇₀ *, 10, 2, 3; 2001 DZ₇₀ *, 13, 3, 27; 2001 DA₇₁ *, 11, 3, 27; 2001 DB₇₁ *, 10, 2, 3; 2001 DC₇₁ *, 9, 2, 3; 2001 DD₇₁ *, 15, 3, 50; 2001 DE₇₁ *, 10, 2, 3; 2001 DF₇₁ *, 10, 2, 3; 2001 DG₇₁ *, 8, 2, 3; 2001 DH₇₁ *, 10, 2, 3; 2001 DJ₇₁ *, 10, 2, 3; 2001 DK₇₁ *, 9, 2, 3; 2001 DL₇₁ *, 10, 2, 3; 2001 DM₇₁ *, 9, 2, 3; 2001 DN₇₁ *, 10, 2, 3; 2001 DO₇₁ *, 9, 2, 3; 2001 DP₇₁ *, 10, 2, 3; 2001 DQ₇₁ *, 8, 2, 3; 2001 DR₇₁ *, 10, 2, 3; 2001 DS₇₁ *, 7, 2, 3; 2001 DT₇₁ *, 9, 2, 3; 2001 DU₇₁ *, 9, 2, 3; 2001 DV₇₁ *, 9, 2, 3; 2001 DW₇₁ *, 10, 2, 3; 2001 DX₇₁ *, 10, 2, 3; 2001 DY₇₁ *, 10, 2, 3; 2001 DZ₇₁ *, 8, 2, 3; 2001 DA₇₂ *, 10, 2, 3; 2001 DB₇₂ *, 13, 3, 11; 2001 DC₇₂ *, 9, 2, 3; 2001 DD₇₂ *, 10, 2, 3; 2001 DE₇₂ *, 9, 2, 3; 2001 DF₇₂ *, 8, 2, 3; 2001 DG₇₂ *, 10, 2, 3; 2001 DH₇₂ *, 9, 2, 3; 2001 DJ₇₂ *, 6, 2, 3; 2001 DK₇₂ *, 7, 2, 3; 2001 DL₇₂ *, 8, 2, 3; 2001 DM₇₂ *, 7, 2, 3; 2001 DN₇₂ *, 8, 2, 3; 2001 DO₇₂ *, 9, 2, 3; 2001 DP₇₂ *, 6, 2, 3; 2001 DQ₇₂ *, 8, 2, 3; 2001 DR₇₂ *, 7, 2, 3; 2001 DS₇₂ *, 8, 2, 3; 2001 DT₇₂ *, 12, 3, 32; 2001 DU₇₂ *, 8, 2, 3; 2001 DV₇₂ *, 8, 2, 3; 2001 DW₇₂ *, 8, 2, 3; 2001 DX₇₂ *, 7, 2, 3; 2001 DY₇₂ *, 9, 2, 3; 2001 DZ₇₂ *, 6, 2, 3; 2001 DA₇₃ *, 7, 2, 3; 2001 DB₇₃ *, 8, 2, 3; 2001 DC₇₃ *, 8, 2, 3; 2001 DD₇₃ *, 9, 2, 3; 2001 DE₇₃ *, 9, 2, 3; 2001 DF₇₃ *, 8, 2, 3; 2001 DG₇₃ *, 9, 2, 3; 2001 DH₇₃ *, 8, 2, 3; 2001 DJ₇₃ *, 6, 2, 3; 2001 DK₇₃ *, 9, 2, 3; 2001 DL₇₃ *, 8, 2, 3; 2001 DM₇₃ *, 9, 2, 3; 2001 DN₇₃ *, 6, 2, 3; 2001 DO₇₃ *, 8, 2, 3; 2001 DP₇₃ *, 7, 2, 3; 2001 DQ₇₃ *, 8, 2, 3; 2001 DR₇₃ *, 8, 2, 3; 2001 DS₇₃ *, 8, 2, 3; 2001 DT₇₃ *, 14, 3, 32; 2001 DU₇₃ *, 8, 2, 3; 2001 DV₇₃ *, 7, 2, 3; 2001 DW₇₃ *, 14, 3, 27; 2001 DX₇₃ *, 8, 2, 3; 2001 DY₇₃ *, 8, 2, 3; 2001 DZ₇₃ *, 8, 2, 3; 2001 DA₇₄ *, 8, 2, 3; 2001 DB₇₄ *, 10, 2, 3; 2001 DC₇₄ *, 10, 2, 3; 2001 DD₇₄ *, 10, 2, 3; 2001 DE₇₄ *, 8, 2, 3; 2001 DF₇₄ *, 7, 2, 3; 2001 DG₇₄ *, 10, 2, 3; 2001 DH₇₄ *, 6, 2, 3; 2001 DJ₇₄ *, 8, 2, 3; 2001 DK₇₄ *, 7, 2, 3; 2001 DL₇₄ *, 6, 2, 3; 2001 DM₇₄ *, 9, 2, 3; 2001 DN₇₄ *, 13, 3, 21; 2001 DO₇₄ *, 9, 2, 3; 2001 DP₇₄ *, 6, 2, 3; 2001 DQ₇₄ *, 7, 2, 3; 2001 DR₇₄ *, 8, 2, 3; 2001 DS₇₄ *, 7, 2, 3; 2001 DT₇₄ *, 7, 2, 3; 2001 DU₇₄ *, 12, 3, 21; 2001 DV₇₄ *, 10, 3, 27; 2001 DW₇₄ *, 6, 2, 3; 2001 DX₇₄ *, 6, 2, 3; 2001 DY₇₄ *, 6, 2, 3; 2001 DZ₇₄ *, 7, 2, 3; 2001 DA₇₅ *, 11, 3, 21; 2001 DB₇₅ *, 16, 4, 32; 2001 DC₇₅ *, 7, 2, 2; 2001 DD₇₅ *, 13, 3, 20; 2001 DE₇₅ *, 10, 2, 2; 2001 DF₇₅ *, 8, 2, 2; 2001 DG₇₅ *, 7, 2, 2; 2001 DH₇₅ *, 11, 3, 22; 2001 DJ₇₅ *, 8, 2, 2; 2001 DK₇₅ *, 7, 2, 2; 2001 DL₇₅ *, 7, 2, 2; 2001 DM₇₅ *, 7, 2, 2; 2001 DN₇₅ *, 8, 2, 2; 2001 DO₇₅ *, 7, 2, 2; 2001 DP₇₅ *, 7, 2, 2; 2001 DQ₇₅ *, 17, 4, 32; 2001 DR₇₅ *, 7, 2, 2; 2001 DS₇₅ *, 18, 4, 20; 2001 DT₇₅ *, 9, 2, 2; 2001 DU₇₅ *, 9, 2, 2; 2001 DV₇₅ *, 14, 2, 2; 2001 DW₇₅ *, 13, 2, 2; 2001 DX₇₅ *, 8, 2, 2; 2001 DY₇₅ *, 11, 2, 2; 2001 DZ₇₅ *, 9, 2, 2; 2001 DA₇₆ *, 9, 2, 2; 2001 DB₇₆ *, 13, 2, 2; 2001 DC₇₆ *, 16, 2, 2; 2001 DD₇₆ *, 9, 2, 2; 2001 DE₇₆ *, 9, 2, 2; 2001 DF₇₆ *, 10, 2, 2; 2001 DG₇₆ *, 8, 2, 2; 2001 DH₇₆ *, 9, 2, 2; 2001 DJ₇₆ *, 9, 2, 2; 2001 DK₇₆ *, 11, 3, 22; 2001 DL₇₆ *, 8, 2, 2; 2001 DM₇₆ *, 10, 2, 2; 2001 DN₇₆ *, 9, 2, 2; 2001 DO₇₆ *, 8, 2, 2; 2001 DP₇₆ *, 7, 2, 2; 2001 DQ₇₆ *, 7, 2, 2; 2001 DR₇₆ *, 8, 2, 2; 2001 DS₇₆ *, 13, 3, 27; 2001 DT₇₆ *, 10, 2, 1; 2001 DU₇₆ *, 9, 2, 1; 2001 DV₇₆ *, 7, 2, 1; 2001 DW₇₆ *, 11, 2, 1; 2001 DX₇₆ *, 37, 3, 3; 2001 DY₇₆ *, 4, 1, 0; 2001 DZ₇₆ *, 15, 3, 2; 2001 DA₇₇ *, 7, 2, 1; 2001 DB₇₇ *, 4, 1, 0; 2001 DC₇₇ *, 15, 3, 2; 2001 DD₇₇ *, 7, 2, 1; 2001 DE₇₇ *, 4, 1, 0; 2001 DF₇₇ *, 9, 2, 30; 2001 DG₇₇ *, 5, 1, 0; 2001 DH₇₇ *, 8, 2, 3; 2001 DJ₇₇ *, 8, 2, 3; 2001 DK₇₇ *, 8, 2, 3; 2001 DL₇₇ *, 5, 1, 0; 2001 DM₇₇ *, 23, 6, 87; 2001 DN₇₇ *, 22, 5, 42; 2001 DO₇₇ *, 22, 5, 42; 2001 DP₇₇ *, 23, 4, 27; 2001 DQ₇₇ *, 8, 2, 1; 2001 DR₇₇ *, 10, 2, 23; 2001 DS₇₇ *, 4, 1, 0; 2001 DE₈₀ *, 5, 1, 0; 2001 DF₈₀ *, 3, 1, 0; 2001 DG₈₀ *, 3, 1, 0; 2001 DH₈₀ *, 3, 1, 0; 2001 DS₈₀ *, 5, 1, 0; 2001 DT₈₀ *, 4, 1, 0; 2001 DU₈₀ *, 4, 1, 0; 2001 DY₈₀ *, 6, 2, 13; 2001 DP₈₁ *, 4, 1, 0; 2001 DX₈₄ *, 4, 1, 0; 2001 DO₈₆ *, 5, 1, 0; 2001 DP₈₆ *, 3, 1, 0; 2001 P-L, 8, 2, 3; 2041 P-L, 4, 1, 0; 2047 P-L, 4, 1, 0; 2054 P-L, 5, 1, 0; 2059 P-L, 5, 1, 0; 21

17, 3, 3; 1258 T-2, 10, 2, 3; 1259 T-2, 3, 1, 0; 1295 T-2, 10, 2, 4; 1320 T-2, 4, 1, 0; 1329 T-2, 10, 2, 3; 1364 T-2, 5, 1, 0; 1405 T-2, 9, 2, 3; 1455 T-2, 7, 2, 29; 1460 T-2, 10, 2, 2; 1474 T-2, 3, 1, 0; 1806 T-2, 9, 2, 3; 2027 T-2, 5, 1, 0; 2049 T-2, 3, 1, 0; 2157 T-2, 9, 2, 30; 2203 T-2, 4, 1, 0; 2245 T-2, 4, 1, 0; 2290 T-2, 4, 1, 0; 2907 T-2, 5, 1, 0; 3035 T-2, 8, 2, 3; 3043 T-2, 18, 4, 15; 3051 T-2, 33, 7, 109; 3089 T-2, 15, 2, 24; 3096 T-2, 9, 2, 3; 3120 T-2, 9, 2, 14; 3159 T-2, 5, 1, 0; 3169 T-2, 8, 2, 4; 3227 T-2, 7, 2, 20; 3256 T-2, 5, 1, 0; 4039 T-2, 9, 2, 3; 4041 T-2, 3, 1, 0; 4126 T-2, 4, 1, 0; 4201 T-2, 11, 3, 462; 4536 T-2, 5, 1, 0; 4649 T-2, 4, 1, 0; 4742 T-2, 7, 2, 1; 5039 T-2, 3, 1, 0; 5061 T-2, 6, 2, 3; 5146 T-2, 14, 3, 3; 5163 T-2, 8, 2, 4; 5168 T-2, 3, 1, 0; 5178 T-2, 3, 1, 0; 5179 T-2, 5, 1, 0; 1039 T-3, 5, 1, 0; 1091 T-3, 4, 1, 0; 1096 T-3, 4, 1, 0; 1119 T-3, 5, 1, 0; 1134 T-3, 4, 1, 0; 1156 T-3, 4, 1, 0; 1168 T-3, 10, 2, 3; 1181 T-3, 3, 1, 0; 1186 T-3, 8, 2, 5; 2065 T-3, 10, 2, 3; 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0; (21901), 10, 2, 3; (21903), 9, 2, 5; (21904), 15, 3, 3; (21905), 15, 3, 3; (21906), 15, 3, 2; (21907), 5, 1, 0; (21908), 4, 1, 0; (21910), 13, 3, 11; (21911), 13, 3, 11; (21913), 10, 2, 3; (21914), 5, 1, 0; (21915), 10, 2, 3; (21916), 5, 1, 0; (21917), 14, 3, 4; (21918), 5, 1, 0; (21921), 8, 2, 11; (21922), 10, 2, 4; (21923), 10, 2, 6; (21924), 5, 1, 0; (21928), 8, 2, 1; (21929), 5, 1, 0; (21930), 13, 3, 3; (21932), 13, 3, 12; (21933), 5, 1, 0; (21935), 4, 1, 0; (21936), 10, 2, 3; (21937), 3, 1, 0; (21938), 10, 2, 3; (21939), 14, 3, 3; (21940), 5, 1, 0; (21942), 10, 2, 3; (21943), 9, 2, 3; (21944), 4, 1, 0; (21945), 5, 1, 0; (21946), 19, 4, 11; (21947), 7, 2, 3; (21949), 20, 3, 3; (21950), 5, 1, 0; (21951), 5, 1, 0; (21952), 19, 4, 11; (21953), 5, 1, 0; (21954), 10, 2, 3; (21955), 5, 1, 0; (21956), 20, 3, 3; (21957), 10, 2, 3; (21958), 5, 1, 0; (21960), 5, 1, 0; (21961), 4, 1, 0; (21962), 12, 3, 527; (21964), 5, 1, 0; (21965), 9, 2, 3; (21966), 5, 1, 0; (21967), 5, 1, 0; (21969), 5, 1, 0; (21970), 5, 1, 0; (21971), 5, 1, 0; (21972), 13, 3, 527; (21973), 9, 2, 4; (21974), 5, 1, 0; (21976), 5, 1, 0; (21978), 4, 1, 0; (21979), 5, 1, 0; (21980), 7, 2, 2; (21981), 10, 2, 4; (21984), 10, 3, 12; (21985), 20, 3, 3; (21986), 8, 2, 13; (21987), 4, 1, 0; (21988), 9, 2, 3; (21989), 5, 1, 0; (21990), 9, 2, 3; (21991), 17, 3, 5; (21992), 5, 1, 0; (21993), 3, 1, 0; (21994), 5, 1, 0; (21995), 9, 2, 4; (21996), 5, 1, 0; (21997), 5, 1, 0; (21998), 5, 1, 0; (21999), 9, 2, 6; (22000), 3, 1, 0; (22001), 10, 2, 3; (22003), 10, 2, 3; (22004), 5, 1, 0; (22006), 15, 3, 3; (22007), 4, 1, 0; (22008), 5, 1, 0; (22009), 10, 2, 3; (22012), 5, 1, 0; (22013), 5, 1, 0; (22015), 8, 2, 4; (22016), 5, 1, 0; (22017), 8, 2, 4; (22018), 5, 1, 0; (22019), 10, 2, 5; (22020), 9, 2, 3; (22021), 10, 2, 3; (22022), 5, 1, 0; (22023), 9, 2, 13; (22024), 5, 1, 0; (22025), 17, 4, 4; (22026), 9, 2, 5; (22027), 5, 1, 0; (22028), 10, 2, 3; (22029), 10, 2, 3; (22030), 5, 1, 0; (22031), 10, 2, 13; (22032), 10, 2, 6; (22034), 4, 1, 0; (22035), 5, 1, 0; (22036), 5, 1, 0; (22037), 10, 2, 5; (22039), 10, 2, 4; (22040), 13, 2, 4; (22041), 7, 2, 3; (22042), 5, 1, 0; (22043), 5, 1, 0; (22045), 9, 2, 3; (22046), 4, 1, 0; (22047), 5, 1, 0; (22048), 5, 1, 0; (22049), 10, 2, 3; (22052), 9, 2, 5; (22053), 5, 1, 0; (22054), 5, 1, 0; (22055), 10, 2, 5; (22056), 10, 2, 1; (22057), 9, 2, 3; (22059), 10, 2, 3; (22060), 9, 2, 4; (22061), 14, 3, 3; (22062), 8, 2, 1; (22063), 5, 1, 0; (22064), 5, 1, 0; (22065), 9, 2, 4; (22066), 10, 2, 3; (22067), 5, 1, 0; (22068), 10, 2, 3; (22069), 5, 1, 0; (22070), 4, 1, 0; (22071), 9, 2, 4; (22072), 5, 1, 0; (22073), 5, 1, 0; (22074), 5, 1, 0; (22075), 9, 2, 3; (22076), 5, 1, 0; (22078), 10, 2, 3; (22079), 10, 2, 3; (22080), 5, 1, 0; (22081), 9, 2, 1; (22082), 5, 1, 0; (22084), 10, 2, 12; (22085), 5, 1, 0; (22086), 14, 3, 13; (22087), 5, 1, 0; (22088), 14, 3, 14; (22089), 20, 5, 11; (22090), 5, 1, 0; (22091), 10, 2, 3; (22092), 2, 2, 4; (22093), 15, 3, 3; (22094), 5, 1, 0; (22095), 5, 1, 0; (22097), 5, 1, 0; (22098), 5, 1, 0; (22099), 7, 2, 6; (22101), 4, 1, 0; (22102), 5, 1, 0; (22110), 10, 2, 3; (22112), 5, 1, 0; (22113), 10, 2, 1; (22114), 3, 1, 0; (22115), 10, 2, 4; (22121), 5, 1, 0; (22122), 4, 1, 0; (22130), 10, 2, 1; (22135), 7, 2, 3; (22137), 5, 1, 0; (22139), 13, 3, 3; (22142), 19, 1, 0; (22143), 4, 1, 0; (22145), 10, 2, 4; (22149), 10, 2, 1; (22150), 5, 1, 0; (22155), 8, 2, 12; (22156), 3, 1, 0; (22158), 7, 2, 4; (22159), 8, 2, 4; (22164), 10, 2, 3; (22167), 23, 5, 5; (22170), 10, 2, 1; (22173), 9, 2, 3; (22174), 5, 1, 0; (22176), 10, 2, 3; (22181), 4, 1, 0; (22182), 8, 2, 3; (22185), 5, 1, 0; (22186), 5, 1, 0; (22187), 10, 2, 916; (22188), 4, 1, 0; (22193), 9, 2, 3; (22194), 3, 1, 0; (22195), 14, 3, 6; (22197), 10, 2, 3; (22198), 5, 1, 0; (22199), 5, 1, 0; (22200), 4, 1, 0; (22201), 10, 2, 1; (22206), 5, 1, 0; (22207), 5, 1, 0; (22208), 4, 1, 0; (22209), 13, 3, 11; (22210), 5, 1, 0; (22211), 4, 1, 0; (22213), 5, 1, 0; (22214), 4, 1, 0; (22215), 8, 2, 4; (22216), 20, 4, 4; (22217), 3, 1, 0; (22219), 8, 2, 1; (22220), 10, 2, 3; (22221), 10, 2, 3; (22227), 5, 1, 0; (22229), 9, 2, 1; (22230), 5, 1, 0; (22231), 10, 2, 3; (22233), 6, 2, 1; (22234), 9, 2, 3; (22235), 4, 1, 0; (22236), 5, 1, 0; (22239), 34, 4, 17; (22240), 15, 3, 3; (22241), 10, 2, 3; (22242), 4, 1, 0; (22244), 5, 1, 0; (22246), 9, 2, 4; (22247), 3, 1, 0; (22248), 9, 2, 3; [179347, 19978, 2109*, 1996/05/21-2001/03/02]

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 DH₃₂, 4, 2, 10; [4, 1, 0*, 2000/03/25-2000/04/04]

715 Las Cruces

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

2000 YH₂₉, 3, 1, 0; 2001 AE₂, 3, 1, 0; [6, 2, 0*, 2001/02/10]

718 University of Utah Hansen Planetarium, Tooele

P. Wiggins, University of Utah Hansen Planetarium, 15 South State Street, Salt Lake City, UT 84111-1590, U.S.A. [p.wiggins@m.cc.utah.edu]

Observers P. Wiggins, H. Phaneuf

0.35-m $f/4.1$ Schmidt-Cassegrain + CCD

GSC

1999 XT₁₇, 8, 2, 9; 2000 VM₁, 4, 1, 0; 2000 XM₄₄, 7, 2, 1; [19, 3, 0*, 2001/02/06-2001/02/26]

720 Universidad de Monterrey

P. V. Sada, Apartado Postal 134-C, MX-66270 San Pedro Garza García, Nuevo Leon, Mexico [psada@ix.netcom.com]

0.18-m $f/15.0$ Maksutov + focal reducer + CCD
USNO-A2.0

(174), 10, 3, 4; (20429), 2, 1, 0; [12, 2, 0*, 2001/01/15–2001/01/24]

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

(1620), 6, 1, 0; [6, 1, 0*, 2001/02/26]

727 Zeno Observatory, Edmond

T. Stafford, 2947 Village Circle, Edmond, OK 73013, U.S.A. [tstafford@home.com]

0.15-m $f/6$ refractor + CCD
GSC-ACT

2001 DW7 *, 5, 2, 1; [5, 1, 1*, 2001/02/18–2001/02/19]

732 Oaxaca

J. Roe, Apdo. No. 221, MX-68000 Oaxaca, Mexico [jamesroe@jamesroe.com]

0.25-m $f/3.4$ reflector + CCD
GSC-ACT

1988 RL₁₂, 3, 1, 0; 1992 DA₈, 2, 1, 0; 1998 HK₁₄₃, 6, 1, 0; 1998 KY₈, 4, 2, 4; 1999 RL₁₀₂, 6, 2, 1; 1999 RV₁₅₅, 2, 1, 0; 1999 TN₈, 4, 1, 0; 1999 TM₃₀, 4, 2, 2; 1999 TZ₁₉₄, 5, 2, 1; 1999 UH₄, 8, 3, 7; 1999 VG, 4, 2, 4; 1999 VM, 4, 2, 4; 1999 VY₁, 4, 2, 2; 2000 YZ₁₁₅, 2, 1, 0; 2000 YH₁₁₈, 5, 2, 1; 2001 BU₁₃, 8, 4, 12; 2001 BV₁₃, 10, 4, 12; 2001 BY₂₈, 3, 1, 0; 2001 BM₃₅, 5, 2, 1; 2001 BO₃₈, 8, 4, 7; 2001 BU₄₀, 7, 3, 2; 2001 BQ₅₀, 5, 2, 2; 2001 BV₅₇, 5, 2, 3; 2001 BW₅₇, 5, 2, 2; 2001 BW₆₁, 11, 3, 2; 2001 CT, 2, 1, 0; 2001 CU₉, 5, 2, 2; 2001 CV₉, 5, 2, 2; 2001 CY₉, 10, 4, 3; 2001 CG₁₉, 6, 2, 1; 2001 CK₃₁ *, 15, 6, 9; 2001 CG₃₂ *, 8, 4, 6; 2001 CW₃₅ *, 10, 4, 7; 2001 DH₉ *, 8, 4, 6; 2001 DJ₉ *, 7, 4, 6; 2001 DS₁₄ *, 11, 4, 6; 2001 DT₁₄ *, 8, 4, 6; (7409), 5, 2, 2; (9382), 3, 1, 0; (9907), 2, 1, 0; (11802), 3, 1, 0; (12552), 6, 2, 1; (13836), 4, 1, 0; (14518), 7, 2, 1; (15529), 6, 1, 0; (20377), 5, 2, 3; (20739), 3, 1, 0; (21368), 14, 4, 3; (21684), 3, 1, 0; (21727), 6, 2, 1; (21774), 2, 1, 0; (21999), 3, 1, 0; [297, 52, 7*, 2001/02/06–2001/02/27]

734 Farpoint Observatory, Eskridge

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

Observers G. Hug, G. Bell

0.30-m Schmidt-Cassegrain + CCD
GSC-1.1

1999 PK₄, 2, 1, 0; 1999 RG₂₃, 3, 1, 0; 1999 RZ₃₂, 2, 1, 0; 1999 RT₈₃, 4, 1, 0; 1999 VA₁₉, 3, 1, 0; 1999 VB₁₉, 3, 1, 0; 1999 XF₁₄₃, 11, 3, 2; 1999 YG₄, 6, 2, 14; 1999 YA₉, 4, 1, 0; 2000 YA₈, 2, 1, 0; 2000 YB₈, 3, 1, 0; 2000 YD₈, 2, 1, 0; 2001 BO₅₀, 3, 1, 0; 2001 CQ₈, 11, 3, 2; 2001 CC₁₀, 6, 2, 5; 2001 CC₂₁, 3, 1, 0; 2001 CG₂₁ *, 14, 4, 21; 2001 CH₂₁ *, 15, 4, 12; 2001 DB₇ *, 7, 2, 1; 2001 DC₇ *, 11, 4, 6; 2001 DD₇ *, 8, 2, 1; 2001 DE₇ *, 10, 3, 3; 2001 DX₇ *, 10, 3, 5; 2269 T-3, 4, 1, 0; (2353), 4, 2, 3; (7174), 8, 2, 2; (21950), 5, 2, 5; [164, 27, 7*, 2000/11/27–2001/03/03]

735 George Observatory, Needville

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

[bdillon@houston.geoquest.slb.com]

Observer J. Dellinger

Measurer K. Rivich

0.46-m reflector + CCD
USNO-A2.0

2001 DC₅₉ *, 3, 1, 0; [3, 1, 1*, 2001/02/18]

739 Sunflower Observatory, Olathe

L. Robinson, Sunflower Observatory, 14680 W. 144 St., Olathe, KS 66062, U.S.A.
[lrobinson@ix.netcom.com]

0.30-m Schmidt-Cassegrain + CCD
GSC-1.1

1990 TG₁, 3, 1, 0; 1998 KC₅₆, 3, 1, 0; 1998 SF₃₆, 7, 2, 14; 1999 WD, 6, 2, 5; 1999 WA₈, 3, 1, 0; 1999 XN₂₈, 5, 1, 0; 1999 XD₁₁₄, 3, 1, 0; 1999 XW₁₁₇, 3, 1, 0; 2000 CN₁₀₁, 4, 1, 0; 2000 SS₁₆₄, 5, 2, 6; 2000 VN₂, 2, 1, 0; 2000 XL₄₄, 3, 1, 0; 2000 YE₂₉, 3, 1, 0; 2000 YQ₂₉, 6, 2, 13; 2001 CC₂₁, 6, 2, 14; 2001 CA₃₂, 3, 1, 0; 2001 CB₃₂, 3, 1, 0; 2001 CK₃₂, 3, 1, 0; 2001 CP₃₆, 3, 1, 0; 2001 DU₈, 6, 2, 13; 2001 DV₈, 2, 1, 0; (1620), 3, 1, 0; (2941), 3, 1, 0; (3199), 3, 1, 0; (3207), 3, 1, 0; (3247), 3, 1, 0; (3385), 3, 1, 0; (3390), 3, 1, 0; (3502), 3, 1, 0; (3632), 3, 1, 0; (4112), 3, 1, 0; (4139), 3, 1, 0; (4144), 3, 1, 0; (4230), 3, 1, 0; (4330), 3, 1, 0; (4450), 3, 1, 0; (4546), 3, 1, 0; (4725), 3, 1, 0; (4889), 3, 1, 0; (5173), 3, 1, 0; (5587), 3, 1, 0; (5741), 3, 1, 0; (6240), 3, 1, 0; (6374), 3, 1, 0; (9328), 3, 1, 0; (9436), 3, 1, 0; (9536), 3, 1, 0; (11952), 3, 1, 0; (12323), 3, 1, 0; (12550), 3, 1, 0; (12750), 2, 1, 0; (14227), 3, 1, 0; (15096), 3, 1, 0; (17185), 3, 1, 0; (17493), 3, 1, 0; (20898), 6, 2, 19; (21088), 7, 2, 14; (21183), 3, 1, 0; (21327), 3, 1, 0; (22099), 6, 2, 14; [208, 60, 0*, 2001/02/04–2001/03/03]

750 Hobbs Observatory, Fall Creek

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

[elliott@uwec.edu]

0.30-m $f/3.3$ reflector + CCD
GSC-ACT, USNO-A2.0

2001 BV₆₇, 4, 1, 0; [4, 1, 0*, 2001/02/20]

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

1998 XA₄, 1, 1, 0; [1, 1, 0*, 1994/10/08]

807 Cerro Tololo

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

D. Wittmann, No details supplied [dwittman@physics.bell-labs.com] (3)

4-m Blanco reflector + CCD

USNO-A2.0

{1} 2000 NH₁₈, 2, 1, 0; 2000 QE₁₃, 2, 1, 0; [4, 2, 0*, 2000/08/01–2000/08/25]

{3} 1983 RS₄, 4, 1, 0; 1989 WH, 3, 1, 0; 1994 WA₈, 3, 1, 0; 1998 SV₈₂, 5, 1, 0; 1998 VZ₂₉, 5, 1, 0; 1999 TA₃₇, 6, 1, 0; 1999 WF₄, 4, 1, 0; 1999 XD₁₄, 4, 1, 0; 1999 XL₄₀, 3, 1, 0; 1999 XL₁₅₅, 5, 1, 0; 2000 AQ₂₄₀, 3, 1, 0; 2000 CT₇₅, 5, 2, 2; 2000 EV₂₀₂ *, 7, 2, 2; 2000 EW₂₀₂ *, 7, 2, 1; 2000 EX₂₀₂ *, 8, 2, 3; 2000 EY₂₀₂ *, 10, 3, 3; 2000 EZ₂₀₂ *, 9, 2, 1; 2000 EA₂₀₃ *, 11, 3, 3; 2000 EB₂₀₃ *, 8, 2, 1; 2000 EC₂₀₃ *, 10, 3, 3; 2000 ED₂₀₃ *, 9, 2, 1; 2000 EE₂₀₃ *, 8, 2, 4; 2000 EF₂₀₃ *, 9, 2, 1; 2000 EG₂₀₃ *, 9, 2, 1; 2000 EH₂₀₃ *, 10, 2, 1; 2000 EJ₂₀₃ *, 16, 3, 4; 2000 EK₂₀₃ *, 8, 2, 4; 2000 EL₂₀₃ *, 8, 2, 1; 2000 EM₂₀₃ *, 7, 2, 1; 2000 EN₂₀₃ *, 9, 2, 1; 2000 EO₂₀₃ *, 19, 4, 4; 2000 EP₂₀₃ *, 12, 3, 4; 2000 EQ₂₀₃ *, 9, 2, 1; 2000 ER₂₀₃ *, 6, 2, 2; 2000 ES₂₀₃ *, 5, 2, 1; 2000 ET₂₀₃ *, 7, 2, 1; 2000 EU₂₀₃ *, 8, 2, 1; 2000 EV₂₀₃ *, 7, 2, 1; 2000 EW₂₀₃ *, 8, 2, 1; 2000 EX₂₀₃ *, 7, 2, 3; 2000 EY₂₀₃ *, 5, 2, 1; 2000 EZ₂₀₃ *, 7, 2, 1; 2000 EA₂₀₄ *, 8, 2, 1; 2000 EB₂₀₄ *, 8, 2, 2; 2000 EC₂₀₄ *, 5, 2, 2; 2000 ED₂₀₄ *, 8, 2, 1; 2000 EE₂₀₄ *, 8, 2, 1; 2000 EF₂₀₄ *, 6, 2, 1; 2000 EG₂₀₄ *, 9, 2, 1; 2000 EH₂₀₄ *, 7, 2, 2; 2000 EJ₂₀₄ *, 8, 2, 1; 2000 EK₂₀₄ *, 5, 2, 1; 2000 EL₂₀₄ *, 7, 2, 1; 2000 EM₂₀₄ *, 6, 2, 1; 2000 EN₂₀₄ *, 6, 2, 1; 2000 GH₂, 9, 3, 2; 2000 GR₄₈, 6, 2, 1; 2000 GZ₄₉, 9, 2, 2; 2001 DU₈₃ *, 6, 2, 2; 2001 DV₈₃ *, 8, 2, 2; 2001 DW₈₃ *, 7, 2, 2; 2001 DX₈₃ *, 8, 2, 2; 2001 DY₈₃ *, 6, 2, 2; 2001 DZ₈₃ *, 7, 2, 2; 2001 DA₈₄ *, 9, 2, 1; 2001 DB₈₄ *, 9, 2, 1; 2001 DC₈₄ *, 13, 3, 2; 2001 DD₈₄ *, 7, 2, 1; 2001 DE₈₄ *, 9, 2, 1; 2001 DF₈₄ *, 9, 2, 2; 2001 DG₈₄ *, 9, 2, 1; 2001 DH₈₄ *, 9, 2, 2; 2001 DJ₈₄ *, 9, 2, 1; 2001 DK₈₄ *, 9, 2, 2; 2001 DL₈₄ *, 14, 3, 2; 2001 DM₈₄ *, 14, 3, 2; 2001 DN₈₄ *, 8, 2, 1; 2001 DO₈₄ *, 8, 2, 1; 2001 DP₈₄ *, 4, 2, 1; 2001 DQ₈₄ *, 7, 2, 1; 2001 DR₈₄ *, 8, 2, 1; 2001 DS₈₄ *, 8, 2, 1; 2001 DT₈₄ *, 9, 2, 2; 2001 DU₈₄ *, 8, 2, 1; 2001 DV₈₄ *, 9, 2, 1; 2001 DW₈₄ *, 9, 2, 1; 2001 DX₈₄ *, 7, 2, 1; 2001 DY₈₄ *, 6, 2, 1; 2001 DZ₈₄ *, 9, 2, 2; 2001 DA₈₅ *, 6, 2, 1; 2001 DB₈₅ *, 13, 3, 2; 2001 DC₈₅ *, 7, 2, 1; 2001 DD₈₅ *, 7, 2, 1; 2001 DE₈₅ *, 9, 2, 1; 2001 DF₈₅ *, 9, 2, 1; 2001 DG₈₅ *, 6, 2, 1; 2001 DH₈₅ *, 9, 2, 2; 2001 DJ₈₅ *, 9, 2, 2; 2001 DK₈₅ *, 9, 2, 1; 2001 DL₈₅ *,

14, 3, 2; 2001 DM₈₅ *, 9, 2, 1; 2001 DN₈₅ *, 9, 2, 1; 2001 DO₈₅ *, 9, 2, 1; 2001 DP₈₅ *, 14, 2, 2; 2001 DQ₈₅ *, 13, 2, 2; 2001 DR₈₅ *, 13, 2, 2; 2001 DS₈₅ *, 12, 2, 2; 2001 DT₈₅ *, 9, 2, 1; 2001 DU₈₅ *, 9, 2, 1; 2001 DV₈₅ *, 9, 2, 1; 2001 DW₈₅ *, 6, 2, 1; 2001 DX₈₅ *, 10, 2, 1; 2001 DY₈₅ *, 9, 2, 1; 2001 DZ₈₅ *, 7, 2, 1; 2001 DA₈₆ *, 8, 2, 1; 2001 DB₈₆ *, 6, 2, 1; 2001 DC₈₆ *, 9, 2, 1; 2001 DD₈₆ *, 8, 2, 1; 2001 DE₈₆ *, 6, 2, 1; 2001 DF₈₆ *, 8, 2, 1; 2001 DG₈₆ *, 8, 2, 1; (5536), 2, 1, 0; (7005), 2, 1, 0; (9449), 4, 1, 0; (9697), 5, 1, 0; (9766), 5, 1, 0; (14068), 3, 2, 1; (14263), 4, 1, 0; (14328), 5, 1, 0; (14534), 3, 1, 0; (15008), 4, 1, 0; (15016), 7, 2, 1; (15489), 10, 3, 2; [1033, 133, 106*, 2000/03/05-2001/02/26]

808 Carlos U. Cesco Observatory, El Leoncito

C. E. Lopez, Felix Aguilar Observatory, Benavidez 8175 (Oeste), AR-5407

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

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

GSC-1.1, USNO-SA1.0

1994 AW₁, 3, 2, 6; 1994 EF₂, 4, 2, 7; 1998 WT, 3, 1, 0; 2000 PM₈, 2, 1, 0; 2000 PN₉, 22, 2, 2; 2000 WC₆₇, 1, 1, 0; 2000 WT₁₆₈, 2, 1, 0; 2001 BA₄₀, 2, 1, 0; 2001 DV₈, 7, 2, 9; (1036), 3, 2, 3; (1373), 2, 1, 0; (1980), 2, 1, 0; (5261), 2, 1, 0; (5587), 3, 2, 1; (9799), 2, 1, 0; (11395), 2, 1, 0; (12064), 2, 1, 0; (18736), 4, 2, 7; (19356), 8, 4, 9; (19980), 3, 2, 1; (20043), 4, 2, 10; (20231), 4, 2, 8; (20466), 3, 2, 3; (21261), 2, 1, 0; [94, 25, 0*, 2001/02/10-2001/03/01]

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7 = 3 + 4

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A. Delsanti, O. Hainaut

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

M. Petit

2.2-m reflector + CCD, 1.0-m Schmidt

DSS, USNO-A2.0, GSC

{1} 1993 FU₂, 1, 1, 0; 1995 SH₂, 1, 1, 0; 1995 VA₅, 2, 2, 5; 1995 WA₁₃, 1, 1, 0; 1996 AO₁₇, 1, 1, 0; 1996 BM₄, 1, 1, 0; 1997 GT₁, 1, 1, 0; 1998 FB₄₀, 2, 2, 5; 1998 FA₅₇, 2, 2, 5; 1998 FZ₆₇, 1, 1, 0; 1998 FJ₉₇, 2, 2, 4; 1998 QR₉₂, 2, 2, 5; 1998 QR₁₀₂, 1, 1, 0; 1998 RL₇₂, 2, 2, 5; 1998 SU₂₅, 1, 1, 0; 1998 SR₃₅, 2, 2, 5; 1998 SJ₅₉, 1, 1, 0; 1998 SX₇₁, 1, 1, 0; 1998 SR₈₆, 1, 1, 0; 1998 SO₁₀₁, 2, 2, 5; 1998 SY₁₂₈, 1, 1, 0; 1998 TM₃₂, 2, 2, 4; 1998 VE₁₅, 1, 1, 0; 1998 XL₄₈, 3, 3, 6; 1999 BF₁₃, 1, 1, 0; 1999 JP₆₂, 1, 1, 0; 1999 KH₃, 1, 1, 0; 1999 RU₁₂₄, 1, 1, 0; 1999 RK₁₇₉, 1, 1, 0; 1999 TL₉, 1, 1, 0; 1999 TO₃₃, 2, 2, 1; 1999 TW₃₃, 2, 2, 5; 1999 TY₁₃₂, 1, 1, 0; 1999 TP₁₄₂, 2, 2, 3; 1999 TY₁₄₃, 1, 1, 0; 1999 TE₂₄₃, 1, 1, 0; 1999 TM₂₅₁, 3, 3, 3; 1999 TN₂₇₉, 1, 1, 0; 1999 VF₅, 1, 1, 0; 1999 VB₁₁₀, 1, 1, 0; 1999 XR₁₁, 2, 2, 5; 1999 XT₃₆, 3, 3, 5; 1999 XV₁₅₇, 1, 1, 0; 1999 XZ₁₇₀, 2, 2, 5; 1999 XC₂₂₇, 1, 1, 0; 1999 YP₉, 3, 3, 3; 2000 AK₇, 1, 1, 0; 2000 AW₈₂, 1, 1, 0; 2000 AX₁₄₀, 2, 2, 1; 2000 AX₁₈₆, 3, 3, 4; 2000 AC₂₃₃, 2, 2, 5; 2000 BN₂₇, 2, 2, 4; 2000 CX₂₁, 2, 2, 3; 2000 CX₃₈, 3, 3, 5; 2000 CO₈₈, 1, 1, 0; 2000 DO₁₁, 2, 2, 1; 2000 DQ₆₉, 1, 1, 0; 2000 EA₇₈, 2, 2, 6; 2000 EC₁₃₃, 1, 1, 0; 2000 EQ₁₄₀, 2, 2, 1; 2000 GD₇₂, 2, 2, 1; 2000 GV₁₄₈, 1, 1, 0; 2000 HV₅₂, 3, 3, 5; 2000 HW₈₁, 3, 3, 5; 2000 HK₈₇, 3, 3, 4; 2000 JQ₆₅, 2, 2, 5; 2000 OG₁₆, 2, 2, 5; 2000 OQ₁₆, 2, 2, 5; 2000 PB₂₂, 1, 1, 0; 2000 QR₁₀, 2, 2, 5; 2000 QD₄₅, 2, 2, 1; 2000 QC₉₃, 2, 2, 5; 2000 QP₉₈, 1, 1, 0; 2000 QS₁₃₆, 3, 3, 6; 2000 QP₁₃₈, 3, 3, 5; 2000 QL₁₄₃, 2, 2, 4; 2000 QX₁₆₃, 1, 1, 0; 2000 QB₁₉₂, 1, 1, 0; 2000 RU₁₂, 2, 1, 0; 2000 RA₅₆, 2, 2, 1; 2000 RC₇₀, 1, 1, 0; 2000 RX₈₅, 2, 2, 1; 2000 ST₇₀, 2, 2, 5; 2000 SM₁₁₀, 3, 3, 5; 2000 SJ₁₁₄, 1, 1, 0; 2000 SF₁₂₈, 2, 2, 6; 2000 SJ₁₈₂, 2, 2, 5; 2000 UP₁₂, 1, 1, 0; 2000 UZ₃₆, 2, 2, 5; 2000 UG₄₆, 2, 2, 5; 2000 UC₄₈, 1, 1, 0; 2000 UH₇₈, 2, 2, 4; 2000 VN₅₉, 1, 1, 0; 2000 WA₁, 2, 2, 5; 2000 WV₁₃₆, 2, 2, 5; 2000 XC₅, 1, 1, 0; 2000 YQ₉₈, 1, 1, 0; 2001 CT₁₇, 1, 1, 0; 2001 CC₃₀, 1, 1, 0; 2001 DX₁₀, 2, 2, 1; 3101 T-1, 3, 3, 3; 2265 T-2, 1, 1, 0; [170, 103, 0*, 1993/03/17-1993/03/27]

{4} 1993 PK₉ *, 6, 2, 9; 1994 PY₂, 3, 1, 0; 1994 PK₁₆, 3, 1, 0; 1996 GJ₁₈, 3, 1, 0; 1997 ET₂, 3, 1, 0; 1997 EC₅₆, 3, 1, 0; 1997 LP₈, 3, 1, 0; 1997 NA₃, 3, 1, 0; 1997 TD₁₇, 3, 1, 0; 1997 WZ₄₂, 3, 1, 0; 1997 YS₁₉, 3, 1, 0; 1998 HN₆, 3, 1, 0; 1998 KY₄₆, 6, 2, 5; 1998 MQ₃₅, 3, 1, 0; 1998 QH₉₂, 3, 1, 0; 1998 RF₂, 3, 1, 0; 1998 RS₄₇, 9, 2, 7; 1998 SC₂₇, 3, 1, 0; 1998 SX₃₂, 3, 1, 0; 1998 VP₃₄, 3, 1, 0; 1998 YA₃, 3, 1, 0; 1999 CM₁₃₈, 3, 1, 0; 1999 JB₄₄, 3, 1, 0; 1999 JK₆₆, 3, 1, 0; 1999 JT₁₀₇, 3, 1, 0; 1999 NN₉, 3, 1, 0; 1999 RW₅₂, 3, 1, 0; 1999 RM₁₆₂, 3, 1, 0; 1999 TF₁₉, 3, 1, 0; 1999 TX₂₆, 3, 1, 0; 1999 TR₁₀₄, 3, 1, 0; 1999 UE₄₄, 3, 1, 0; 1999 VU₁₂, 3, 1, 0; 1999 VP₁₆₃, 3, 1, 0; 1999 XO₅₇, 3, 1, 0; 2000 DN, 3, 1, 0; 2000 EL₆₅, 3, 1, 0; 2000 ET₇₁, 3, 1, 0; 2000 FG₄₉, 6, 2, 34; 2000 GT₇₂, 3, 1, 0; 2000 KA₂₃, 3, 1, 0; 2000 NU₂, 3, 1, 0; 2000 NW₂₄, 3, 1, 0; 2000 QY₇, 3, 1, 0; 2000 QT₁₄₈, 3, 1, 0; 2000 RJ₇₈, 3, 1, 0; 2000 SF₁₃, 3, 1, 0; 2000 SJ₁₈₆, 3, 1, 0; 2000 SM₂₉₄, 3, 1, 0; 2000 TE₆₀, 3, 1, 0; 2000 UQ₆₃, 3, 1, 0; 2000 WY₂₄, 3, 1, 0; 2000 WO₁₂₈, 3, 1, 0; 2000 XR₂₄, 3, 1, 0; 2000 YM₅₀, 3, 1, 0; 2000 YJ₈₀, 3, 1, 0; 2000 YM₉₈, 3, 1, 0; 2000 YL₁₂₈, 3, 1, 0; 2001 AG₁₅, 3, 1, 0; 2001 BO₁₅, 3, 1, 0; 2001 BC₁₇, 3, 1, 0; 2001 BN₇₁, 3, 1, 0; 2001 CF₁, 3, 1, 0; 2001 CG₁, 3, 1, 0; 2001 CF₃, 3, 1, 0; 2001 CG₁₃, 3, 1, 0; 2001 CP₁₈, 3, 1, 0; 2001 CP₂₂, 3, 1, 0; 2001 DM₅₁, 3, 1, 0; 2001 DB₆₉, 9, 3, 12; 3363 T-2, 3, 1, 0; (7968), 3, 1, 0; (19078), 3, 1, 0; (19585), 9, 3, 34; (20661), 3, 1, 0; (21483), 3, 1, 0; (21543), 3, 1, 0; (21960), 3, 1, 0; (22219), 3, 1, 0; [264, 79, 1*, 1992/07/26-1998/09/18]

{5} 2000 CQ₁₀₄, 3, 2, 1; 2000 FA₈, 4, 2, 1; 2000 FD₈, 2, 2, 1; 2000 FE₈, 4, 2, 1; 2000 WK₁₈₃, 3, 2, 1; 2000 WN₁₈₃, 3, 1, 0; 2000 WO₁₈₃, 3, 2, 1; (20000), 3, 1, 0; [25, 8, 0*, 2001/01/30-2001/01/31]

{7} 1998 QZ₃₀, 6, 2, 10; 1999 JL₂₀, 3, 1, 0; 1999 KM₈, 3, 1, 0; 1999 LP₇, 3, 1, 0; 1999 VD₁₁₅, 3, 1, 0; 2000 FA, 3, 1, 0; 2000 NQ₂₆, 3, 1, 0; 2000 QX₁₁, 3, 1, 0; 2000 QY₂₉, 3, 1, 0; 2000 RX₇₁, 3, 1, 0; 2000 SE₁₅₂, 3, 1, 0; 2000 VS₁₄, 3, 1, 0; 2000 YQ₉₆, 3, 1, 0; 2001 BR₁₅, 3, 1, 0; 2001 CA₂₈, 6, 2, 1; (21756), 3, 1, 0; [54, 16, 0*, 1993/09/14-1994/07/12]

{8} 1990 QD₃, 1, 1, 0; 1990 WC₂, 1, 1, 0; 1992 DB₃, 1, 1, 0; 1992 DW₃, 1, 1, 0; 1992 EW₁₉, 1, 1, 0; 1993 FP₃₄, 4, 4, 4; 1993 OO₅, 3, 3, 7; 1994 TF₅, 1, 1, 0; 1994 VF, 1, 1, 0; 1994 VQ₂, 1, 1, 0; 1995 ST₂, 1, 1, 0; 1995 YY₉, 1, 1, 0; 1996 AT₁₂, 1, 1, 0; 1996 GF₁₉, 1, 1, 0; 1996 RS₂₇, 1, 1, 0; 1996 RG₂₉, 4, 2, 8; 1996 TN₃₉, 1, 1, 0; 1996 TG₆₈, 1, 1, 0; 1997 AK₂, 1, 1, 0; 1997 CW₅, 2, 2, 36; 1997 GU₃, 1, 1, 0; 1997 SO₄, 1, 1, 0; 1997 SZ₂₃, 1, 1, 0; 1997 UH₂₆, 2, 1, 0; 1998 CH₃, 3, 3, 5; 1998 FP₄₆, 2, 1, 0; 1998 FE₄₈, 1, 1, 0; 1998 FU₅₃, 1, 1, 0; 1998 FD₆₇, 1, 1, 0; 1998 FH₇₀, 4, 3, 2; 1998 FX₁₁₈, 1, 1, 0; 1998 FG₁₂₁, 7, 7, 34; 1998 FJ₁₂₁, 2, 1, 0; 1998 FO₁₂₂, 2, 2, 35; 1998 HX₅, 1, 1, 0; 1998 HN₆, 1, 1, 0; 1998 HA₁₂, 1, 1, 0; 1998 HT₁₃, 8, 8, 34; 1998 HJ₃₉, 3, 3, 3; 1998 HB₆₂, 2, 2, 31; 1998 HO₆₂, 4, 3, 2; 1998 KG₇, 14, 13, 41; 1998 KY₄₆, 8, 6, 5; 1998 KS₆₄, 1, 1, 0; 1998 QQ₇, 5, 5, 8; 1998 QF₂₃, 1, 1, 0; 1998 QU₃₂, 1, 1, 0; 1998 QO₄₉, 2, 2, 4; 1998 QS₄₉, 2, 2, 5; 1998 QF₁₀₂, 1, 1, 0; 1998 QE₁₀₆, 1, 1, 0; 1998 RB₆, 1, 1, 0; 1998 RK₁₇, 2, 2, 6; 1998 RZ₃₅, 2, 2, 32; 1998 RF₄₆, 1, 1, 0; 1998 RJ₅₁, 3, 3, 8; 1998 RX₅₅, 1, 1, 0; 1998 RL₆₂, 2, 2, 32; 1998 RD₇₁, 1, 1, 0; 1998 SQ₄₃, 2, 2, 4; 1998 SG₄₄, 1, 1, 0; 1998 SS₅₈, 1, 1, 0; 1998 SB₆₇, 1, 1, 0; 1998 SV₁₃₈, 1, 1, 0; 1998 SX₁₆₁, 1, 1, 0; 1998 TJ₂₉, 2, 2, 6; 1998 UH₁₆, 2, 2, 28; 1998 UF₁₉, 1, 1, 0; 1998 XB₁, 1, 1, 0; 1998 XO₁₂, 1, 1, 0; 1998 YQ₂, 2, 2, 30; 1998 YB₁₁, 1, 1, 0; 1999 AL₁, 1, 1, 0; 1999 CJ₄₅, 2, 2, 32; 1999 CM₇₄, 1, 1, 0; 1999 CB₁₀₁, 2, 2, 6; 1999 FP₂₁, 2, 2, 36; 1999 FU₂₇, 3, 3, 6; 1999 FZ₂₉, 1, 1, 0; 1999 FN₃₂, 1, 1, 0; 1999 FV₃₃, 1, 1, 0; 1999 FG₄₈, 2, 2, 31; 1999 GX₁₉, 2, 2, 35; 1999 GR₂₁, 2, 2, 30; 1999 GQ₂₈, 1, 1, 0; 1999 GE₃₆, 1, 1, 0; 1999 HT₁₀, 2, 2, 5; 1999 JW₆₇, 1, 1, 0; 1999 KV₁₄, 2, 2, 3; 1999 KF₁₅, 2, 2, 5; 1999 RZ₂₂, 2, 2, 5; 1999 RH₃₂, 2, 2, 5; 1999 RR₁₀₉, 1, 1, 0; 1999 RN₁₃₅, 4, 4, 4; 1999 RO₁₃₅, 1, 1, 0; 1999 RY₁₃₆, 1, 1, 0; 1999 RQ₁₄₃, 1, 1, 0; 1999 RS₁₄₆, 2, 2, 8; 1999 RS₁₅₆, 3, 3, 8; 1999 RG₁₆₉, 1, 1, 0; 1999 RU₁₇₄, 1, 1, 0; 1999 RX₁₇₄, 9, 8, 35; 1999 RM₂₁₁, 1, 1, 0; 1999 RT₂₄₈, 1, 1, 0; 1999 TR₃₀, 1, 1, 0; 1999 TB₅₃, 2, 2, 6; 1999 TT₈₀, 1, 1, 0; 1999 TZ₉₉, 2, 2, 3; 1999 TS₁₁₁, 4, 3, 2; 1999 TW₁₂₀, 2, 2, 8; 1999 TZ₁₄₀, 1, 1, 0; 1999 TC₁₄₆, 1, 1, 0; 1999 TB₁₆₄, 8, 6, 5; 1999 TW₂₄₅, 3, 3, 31; 1999 TU₂₄₈, 1, 1, 0; 1999 TL₂₅₃, 2, 2, 2; 1999 TR₂₅₆, 2, 2, 1; 1999 TS₂₅₉, 4, 3, 5; 1999 UF₃₀, 2, 2, 5; 1999 UP₄₄, 1, 1, 0; 1999 UY₄₄, 1, 1, 0; 1999 UM₄₅, 18, 14, 35; 1999 VA₉, 2, 2, 29; 1999 VM₂₆, 1, 1, 0; 1999 VC₉₈, 2, 2, 6; 1999 WD₂, 2, 2, 5; 1999 XM₁₄, 1, 1, 0; 1999 XE₂₅, 1, 1, 0; 1999 XG₃₇, 1, 1, 0; 1999 XA₇₂, 2, 2, 5; 1999 XS₉₃, 1, 1, 0; 1999 XO₁₀₅, 2, 2, 5; 1999 XZ₁₀₇, 1, 1, 0; 1999 XR₁₂₃, 1, 1, 0; 1999 XZ₁₅₆, 1, 1, 0; 1999 XG₁₇₀, 1, 1, 0; 1999 XU₁₉₉, 1, 1, 0; 2000 AP₅₁, 1, 1, 0; 2000 AE₉₇, 2, 2, 33; 2000 AZ₉₈, 1, 1, 0; 2000 AU₉₉, 3, 3, 5; 2000 AU₁₄₀, 2, 2, 3; 2000 AV₁₄₆, 1, 1, 0; 2000 AT₁₅₄, 1, 1, 0; 2000 AO₁₈₅, 1, 1, 0; 2000 BE₂₈, 1, 1, 0; 2000 CS₂₅, 3, 3, 6; 2000 CE₂₆, 1, 1, 0; 2000 CX₂₈, 1, 1, 0; 2000 CD₂₉, 2, 2, 1; 2000 CG₃₇, 2, 2, 37; 2000 CD₅₆, 1, 1, 0; 2000 CM₈₂, 2, 2, 33; 2000 DV₇₆, 1, 1, 0; 2000 DY₁₁₇, 2, 2, 7; 2000 EY₆₇, 1, 1, 0; 2000 EG₈₁, 2, 2, 4; 2000 EV₁₁₄, 1, 1, 0; 2000 GP₄₆, 1, 1, 0; 2000 GM₅₁, 1, 1, 0; 2000 GS₇₉, 3, 3, 6; 2000 GY₉₆, 1, 1, 0; 2000 GB₁₁₆, 1, 1, 0; 2000 GH₁₃₄, 2, 2, 2; 2000 GZ₁₃₆, 1, 1, 0; 2000 HY₁, 4, 4, 36; 2000 HU₆, 1, 1, 0; 2000 HP₂₁, 1, 1, 0; 2000 HJ₅₁, 1, 1, 0; 2000 HW₅₄, 2, 2, 5; 2000 HL₈₇, 2, 2, 26; 2000 JC₁₁, 2, 2, 3; 2000 JP₁₇, 1, 1, 0; 2000 JC₄₁, 1, 1, 0; 2000 JY₅₀, 2, 2, 30; 2000 JZ₇₂, 1, 1, 0; 2000 KZ₂₈, 1, 1, 0; 2000 KU₄₈, 2, 2, 7; 2000 LG₉, 1, 1, 0; 2000 LQ₁₆, 1, 1, 0; 2000 LY₃₀, 1, 1, 0; 2000 MY₂, 2, 2, 36; 2000 NU₂, 1, 1, 0; 2000 NH₁₅, 1, 1, 0; 2000 OJ₁₆, 1, 1, 0; 2000 OL₁₈, 1, 1, 0; 2000 OL₃₂, 1, 1, 0; 2000 PC₃, 2, 2, 32; 2000 PT₂₃, 1, 1, 0; 2000 QH₆, 1, 1, 0; 2000 QS₂₇, 1, 1, 0; 2000 QZ₇₂, 2, 2, 29; 2000 QA₉₉, 1, 1, 0; 2000 QA₁₁₂, 2, 2, 4; 2000 QC₁₁₅, 1, 1, 0; 2000 QX₁₆₃, 1, 1, 0; 2000 QK₁₆₉, 1, 1, 0; 2000 QR₁₈₉, 2, 2, 3; 2000 RV₄, 1, 1, 0; 2000 RH₂₂, 2, 2, 7; 2000 RY₅₉, 3, 3, 33; 2000 RS₆₉, 2, 2, 7; 2000 RW₇₁, 1, 1, 0; 2000 RB₉₂, 1, 1, 0; 2000 RD₉₂, 1, 1, 0; 200

0; 2000 SZ₁₁₉, 1, 1, 0; 2000 SE₁₄₄, 2, 2, 3; 2000 SO₁₅₈, 2, 1, 0; 2000 SN₁₆₃, 2, 1, 0; 2000 SX₁₆₉, 1, 1, 0; 2000 SK₁₇₅, 1, 1, 0; 2000 SW₂₁₁, 2, 2, 3; 2000 SS₂₂₅, 1, 1, 0; 2000 UO₃₉, 2, 2, 3; 2000 UH₅₀, 2, 1, 0; 2000 UQ₇₃, 4, 4, 27; 2000 VO₃₄, 2, 2, 4; 2000 WA, 10, 8, 27; 2000 WY₁₀₂, 1, 1, 0; 2000 XO₄, 2, 2, 35; 2000 YS₉₂, 8, 7, 27; 2000 YX₉₉, 5, 5, 5; 2000 YL₁₂₀, 2, 2, 35; 2000 YY₁₃₉, 3, 3, 22; 2001 AH₃₀, 1, 1, 0; 2001 AF₄₄, 1, 1, 0; 2001 BY₁₄, 2, 2, 5; 2001 BL₂₆, 1, 1, 0; 2001 BW₃₄, 3, 3, 3; 2001 BS₄₂, 4, 4, 3; 2001 CX, 2, 2, 1; 2001 CP₃, 3, 2, 1; 2001 CY₁₅, 2, 2, 26; 2001 CY₂₁, 4, 3, 27; 2001 CP₂₅, 2, 2, 24; 2001 CN₃₃, 1, 1, 0; 2001 DQ₁₀, 1, 1, 0; 2001 DB₂₆, 2, 2, 1; 2001 DE₃₅, 7, 6, 29; 2001 DU₆₂, 1, 1, 0; 2001 DH₈₀, 1, 1, 0; 1008 T-2, 1, 1, 0; 2239 T-2, 2, 2, 6; 4733 T-2, 9, 8, 33; (19024), 1, 1, 0; (19222), 1, 1, 0; (19678), 1, 1, 0; (19720), 3, 3, 34; (19824), 1, 1, 0; (20116), 1, 1, 0; (20220), 1, 1, 0; (20382), 1, 1, 0; (20808), 1, 1, 0; (20874), 2, 2, 5; (20875), 2, 2, 1; (20900), 1, 1, 0; (21049), 2, 2, 1; (21197), 1, 1, 0; (21209), 2, 2, 6; (21211), 1, 1, 0; (21567), 2, 2, 1; (21582), 3, 3, 35; (21949), 1, 1, 0; [513, 266, 0*, 1992/02/29-1998/03/02]

817 Sudbury

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0.41-m Schmidt-Cassegrain + CCD

GSC

2000 YJ₈₀, 2, 1, 0; [2, 1, 0*, 1995/12/03]

842 Gettysburg College Observatory

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PA 17325, U.S.A. [gsnyder@gettysburg.edu]

Observers L. Marschall, J. Milingo

Measurer G. A. Snyder

0.4-m $f/11.5$ reflector + CCD

USNO-SA2.0, GSC-ACT

(16), 4, 1, 0; [4, 1, 0*, 2001/02/08]

844 Los Molinos

T. Gallardo, Departamento de Astronomia, Facultad de Ciencias, Montevideo,

Uruguay [gallardo@fisica.edu.uy]

Observer R. Salvo

0.35-m $f/6.4$ reflector + CCD

USNO-A2.0

2001 DU₈, 3, 1, 0; (20898), 3, 1, 0; [6, 2, 0*, 2001/02/16-2001/02/18]

849 Everstar Observatory, Olathe

G. Fedon, 21251 W. 123rd St., Olathe, KS 66061, U.S.A. [antares@everstar.com]

Observer M. Abraham

Measurer G. Fedon

0.25-m Schmidt-Cassegrain + CCD

GSC-1.1

(57), 3, 1, 0; [3, 1, 0*, 2001/02/23]

850 Cordell-Lorenz Observatory, Sewanee

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

0.3-m $f/5.8$ Schmidt-Cassegrain + CCD

USNO-SA2.0

1998 YP₆, 3, 1, 0; 1999 XL₃₇, 2, 1, 0; 1999 XH₁₀₁, 2, 1, 0; 1999 XT₁₇₀, 2, 1, 0; 2001 CZ₂₀, 2, 1, 0; 2001 DU₈, 2, 1, 0; [13, 6, 0*, 2001/02/03-2001/02/26]

854 Sabino Canyon Observatory, Tucson

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

[jmcgaha@azstarnet.com]

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

GSC-1.1

2001 CK₄₂, 3, 1, 0; 2001 DQ₈, 4, 1, 0; 2001 DU₈, 3, 1, 0; 2001 DF₄₇, 4, 1, 0; 2001 DH₄₇, 3, 1, 0; [17, 5, 0*, 2001/02/19-2001/02/21]

858 Tebbutt Observatory, Edgewood

F. B. Zoltowski, Tebbutt Observatory, 70 Abajo Dr., Edgewood, NM 87015, U.S.A.

[fbzolt@compuserve.com]

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

USNO-SA2.0, GSC

2001 CK₄₂, 3, 1, 0; 2001 CL₄₂, 3, 1, 0; 2001 DQ₈, 3, 1, 0; 2001 DS₈, 3, 1, 0; 2001 DT₈, 3, 1, 0; [15, 5, 0*, 2001/02/19]

859 Serra da Piedade

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[cjacques@unix.horizontes.com.br]

Observers C. Jacques, C. Magno, L. Duczmal, N. Cunha

Measurer C. Jacques

0.30-m $f/3.3$ reflector + CCD

GSC

2001 CZ₂₃, 4, 1, 0; 2001 CK₄₂, 3, 1, 0; 2001 CL₄₂, 2, 1, 0; 2001 DQ₈, 3, 1, 0; 2001 DS₈, 3, 1, 0; 2001 DU₈, 3, 1, 0; 2001 DV₈, 3, 1, 0; 2001 DD₄₇, 3, 1, 0; 2001 DE₄₇, 2, 1, 0; 2001 DF₄₇, 3, 1, 0; 2001 DC₇₇, 3, 1, 0; [32, 11, 0*, 2001/02/18-2001/02/21]

867 Saji Observatory

M. Yamanishi, 1071-1 Takayama, Saji, Yazu-Gun, Tottori-Ken, 689-13 Japan

[sajinet@infosakyu.ne.jp]

Observers M. Yamanishi, A. Miyamoto, M. Aimoto, T. Oribe

1.03-m $f/4.2$ reflector + CCD

GSC

2001 BA₁₅, 3, 1, 0; 2001 DX, 3, 1, 0; [6, 2, 0*, 2001/02/22]

900 Moriyama

Y. Ikari, 13-9 Katube 2 Chome, Moriyama, Shiga-Ken, 524-0041 Japan

[ikari@gold.ocn.ne.jp]

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

GSC-ACT, USNO-A2.0

2001 BV₆₇, 2, 1, 0; [2, 1, 0*, 2001/02/20]

910 Caussols-ODAS

A. Maury, Observatoire de la Côte d'Azur, B.P. 229, F-06304 Nice, France

[maury@obs-azur.fr]

G. Hahn, DLR Institute of Planetary Exploration, Rudower Chaussee 5, D-12489

Berlin, Germany [Gerhard.Hahn@DLR.de]

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

Measurers A. Maury, G. Hahn

0.90-m Schmidt + CCD

GSC

1998 HJ₈₂, 3, 1, 0; 1998 HA₁₂₈, 3, 1, 0; 1998 HH₁₃₄, 3, 1, 0; 1998 RS₁₉, 3, 1, 0; 1998 UR₄, 3, 1, 0; 1999 AU₃₂, 3, 1, 0; 1999 CR₉₉, 3, 1, 0; 1999 NA₈, 3, 1, 0; 1999 NP₄₂, 3, 1, 0; 1999 RB₅₉, 3, 1, 0; 1999 RS₈₁, 3, 1, 0; 1999 RT₈₇, 3, 1, 0; 1999 RP₁₂₀, 3, 1, 0; 1999 RN₁₆₅, 3, 1, 0; 1999 RA₂₃₁, 3, 1, 0; 1999 VH₃₇, 3, 1, 0; 1999 VX₉₆, 3, 1, 0; 1999 VM₁₃₂, 3, 1, 0; 1999 VQ₁₃₅, 3, 1, 0; 1999 VR₁₅₉, 3, 1, 0; 1999 WX₁₇, 3, 1, 0; 1999 XM₆₈, 3, 1, 0; 1999 XB₂₄₂, 3, 1, 0; 1999 YJ₄, 3, 1, 0; 2000 AL₂₃₃, 3, 1, 0; 2000 DP₆₂, 3, 1, 0; 2000 ES₆₈, 3, 1, 0; 2000 EV₉₂, 3, 1, 0; 2000 PN₇, 3, 1, 0; 2000 QV₈₀, 3, 1, 0; 2000 SM₂₀₅, 3, 1, 0; 2000 SE₂₂₀, 3, 1, 0; 2000 WA₆₉, 3, 1, 0; 2000 WU₉₂, 3, 1, 0; 2000 YT₁₉, 3, 1, 0; 2000 YO₉₆, 3, 1, 0; 2001 AS₄, 3, 1, 0; 2001 BL₂₆, 3, 1, 0; 2001 BQ₂₉, 3, 1, 0; 2001 BM₃₁, 3, 1, 0; 2001 BK₅₆, 3, 1, 0; 2001 CD₂₁, 3, 1, 0; 2001 CX₂₈, 3, 1, 0; 2001 CG₃₀, 3, 1, 0; 2001 DP₅, 3, 1, 0; 2001 DK₇, 3, 1, 0; 1184 T-2, 3, 1, 0; [141, 47, 0*, 1997/02/06-1998/12/16]

912 Carbuncle Hill Observatory, Greene

D. P. Pray, 1688 Plainfield Pike, Greene, RI 02827, U.S.A. [dppray@hotmail.com]

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

GSC-ACT

1999 VM₈, 2, 1, 0; 2001 AV₃₆, 8, 3, 9; 2001 BU, 3, 1, 0; 2001 BL₇₃ *, 3, 1, 0; 2001 CB₂₁, 1, 1, 0; 2001 CZ₂₇, 3, 1, 0; 2001 CO₂₈, 3, 1, 0; 2001 CG₃₁, 6, 2, 10; 2001 CH₃₁, 4, 2, 14; 2001 CB₃₂, 3, 1, 0; 2001 CD₃₂, 4, 2, 4; 2001 CK₄₂, 3, 1, 0; 2001 CL₄₂, 3, 1, 0; 2001 CO₄₂ *, 4, 2, 4; 2001 DH₁₀, 6, 2, 6; [56, 15, 2*, 2001/01/26-2001/02/18]

918 Badlands Observatory, Quinn

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

Observers R. Dyvig, P. Janke, P. Hendricksen

0.66-m $f/4.8$ reflector + CCD

GSC

1998 FS₃₂, 4, 1, 0; 1998 SL₇, 8, 2, 3; 1999 RJ₁₁₄, 2, 1, 0; 1999 RZ₁₆₈, 8, 2, 3; 1999 TN₉₃, 3, 1, 0; 1999 VK₂₀₅, 3, 1, 0; 2000 YG₂₉, 4, 1, 0; 2000 YR₁₀₅, 3, 1, 0; 2001 BE₄₂, 11, 3, 17; 2001 BF₄₂, 9, 3, 17; 2001 BG₄₂, 3, 1, 0; 2001 BU₅₃, 4, 1, 0; 2001 CZ₂₀, 3, 1, 0; 2001 CB₂₁, 3, 1, 0; 2001 CC₃₂, 4, 1, 0; 2001 CK₃₂, 4, 1, 0; 2001 CP₃₆, 9, 2, 1; 2001 DQ₈, 4, 1, 0; 2001 DS₈, 2, 1, 0; 2001 DY₄₀, 2, 1, 0; 2001 DE₅₉, 3, 1, 0; 2001 DM₇₁, 2, 1, 0; 2001 DC₇₇, 4, 1, 0; 2001 DW₈₆ *, 11, 3, 3; 2001 DX₈₆ *, 10, 3, 3; (461), 2, 1, 0; (477), 3, 1, 0; (610), 3, 1, 0; (1131), 3, 1, 0; (6288), 3, 1, 0; (7937), 3, 1, 0; (9228), 3, 1, 0; (9480), 3, 1, 0; [146, 33, 2*, 2001/02/04-2001/03/03]

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

1994 PP₁₅, 3, 1, 0; 1994 PA₂₃, 3, 1, 0; 1995 VJ, 2, 1, 0; 1996 WS₂, 2, 1, 0; 1996 XA₃₁, 2, 1, 0; 1997 JT₅, 2, 1, 0; 1998 FZ₆₁, 2, 1, 0; 1998 HH₁₄, 2, 1, 0; 1998 HR₁₂₅, 1, 1, 0; 1998 MM₂₉, 2, 1, 0; 1998 QA₂₁, 2, 1, 0; 1998 RB₇₃, 4, 2, 1; 1998 RL₇₆, 2, 1, 0; 1998 RN₇₇, 3, 1, 0; 1998 SE₄₄, 3, 1, 0; 1999 RT₂₇, 3, 1, 0; 1999 RC₁₈₂, 2, 1, 0; 1999 TE₂₆, 1, 1, 0; 1999 TZ₁₁₅, 2, 1, 0; 1999 TW₁₃₆, 3, 1, 0; 1999 TZ₁₄₁, 2, 1, 0; 1999 TC₁₄₆, 1, 1, 0; 1999 TG₁₈₉, 2, 1, 0; 1999 TD₁₉₈, 2, 1, 0; 1999 TT₂₁₂, 2, 1, 0; 1999 VK₁, 2, 1, 0; 1999 VJ₁₁₄, 1, 1, 0; 1999 VE₁₈₈, 4, 2, 1; 1999 WO₁₃, 3, 1, 0; 1999 XP₁₂₄, 2, 1, 0; 1999 XN₁₄₇, 2, 1, 0; 2000 AU₉₉, 2, 1, 0; 2000 AG₁₈₆, 2, 1, 0; 2000 WG₉₀, 2, 1, 0; 2000 YD₃₅, 4, 2, 1; 2000 YV₆₈, 4, 2, 1; 2000 YH₁₀₄, 4, 2, 1; 2001 BP₃₂, 2, 1, 0; 2001 BR₆₁, 2, 1, 0; 2001 BS₆₁, 2, 1, 0; 2001 BV₆₁, 2, 1, 0; 2001 BU₆₃, 4, 2, 2; 2001 BZ₆₆, 2, 1, 0; 2001 BV₆₇, 2, 1, 0; 2001 BA₆₉, 4, 2, 1; 2001 BP₆₉, 2, 1, 0; 2001 BY₆₉, 2, 1, 0; 2001 BL₇₄, 2, 1, 0; 2001 BP₇₄ *, 2, 1, 0; 2001 BV₇₇, 4, 2, 1; 2001 BX₇₇, 4, 2, 1; 2001 CP₃₆, 6, 1, 0; 2001 DG *, 6, 3, 5; 2001 DH *, 4, 2, 1; 2001 DJ *, 10, 4, 14; 2001 DK *, 8, 4, 14; 2001 DL *, 8, 4, 14; 2001 DM *, 6, 3, 5; 2001 DU₁₄ *, 6, 3, 5; 2001 DC₁₅, 2, 1, 0; 2001 DL₃₇, 2, 1, 0; 2001 DD₅₄ *, 4, 2, 1; 2001 DE₅₄ *, 6, 3, 9; 2001 DF₅₄ *, 4, 2, 1; 2001 DG₅₄ *, 6, 3, 9; 2001 DH₅₄ *, 4, 2, 1; 2001 DJ₅₄ *, 4, 2, 1; 2001 DK₅₄ *, 4, 2, 1; 2001 DK₅₉, 2, 1, 0; 2001 DR₅₉, 3, 1, 0; 6622 P-L, 3, 1, 0; (2603), 3, 1, 0; (3049), 3, 1, 0; (3437), 2, 1, 0; (4510), 3, 1, 0; (4636), 3, 1, 0; (4802), 2, 1, 0; (4819), 3, 1, 0; (5593), 3, 1, 0; (5672), 3, 1, 0; (5843), 3, 1, 0; (7497), 2, 1, 0; (7631), 2, 1, 0; (8895), 3, 1, 0; (9473), 2, 1, 0; (9497), 3, 1, 0; (11892), 3, 1, 0; (12297), 2, 1, 0; (12694), 4, 2, 10; (13261), 3, 1, 0; (13795), 2, 1, 0; (14839), 2, 1, 0; (20994), 2, 1, 0; (21334), 3, 1, 0; (21894), 3, 1, 0; [285, 95, 15*, 2000/11/27-2001/03/02]

921 Southwest Institute for Space Research

A. Hale, 15 E. Spur Road, Cloudcroft, NM 88317, U.S.A. [ahale@swisr.org]

0.30-m Schmidt-Cassegrain + CCD

GSC-1.1

(4151), 3, 1, 0; [3, 1, 0*, 2001/02/13]

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, C. W. Juels, M. Schwartz

Measurer P. R. Holvorcem

0.5-m $f/10$ Ritchey-Chrétien + CCD

USNO-A2.0, USNO-SA2.0

1992 NA, 5, 2, 1; 1993 FJ₃₂, 3, 1, 0; 1993 KH, 3, 1, 0; 1995 VF₁₃, 6, 2, 1; 1996 HJ₁₉, 9, 2, 5; 1997 EX₄₂, 3, 1, 0; 1998 HN₄₆, 3, 1, 0; 1998 SV₁₀₇, 3, 1, 0; 1999 FP₅₉, 3, 1, 0; 1999 RF₃, 3, 1, 0; 1999 RV₄₇, 3, 1, 0; 1999 RJ₁₁₄, 5, 1, 0; 1999 TW₁₉₆, 2, 1, 0; 1999 TA₂₁₅, 3, 1, 0; 1999 TW₂₄₅, 3, 1, 0; 1999 TB₂₇₃, 3, 1, 0; 1999 VN₂₁, 12, 2, 5; 1999 VG₁₆₃, 3, 1, 0; 1999 VM₁₉₂, 3, 1, 0; 1999 XQ₆₁, 3, 1, 0; 1999 XR₆₄, 18, 4, 6; 1999 XU₁₄₄, 3, 1, 0; 1999 YT₃, 6, 2, 5; 2000 EB₁₇₃, 2,

1, 0; 2001 AT₂, 3, 1, 0; 2001 BZ₃₉, 3, 1, 0; 2001 BP₅₄, 3, 1, 0; 2001 BV₆₇, 3, 1, 0; 2001 CA₃₂, 3, 1, 0; 2001 CB₃₂, 3, 1, 0; 2001 CK₃₂, 6, 2, 5; 2001 CU₃₅, 3, 1, 0; 2001 CP₃₆, 12, 3, 6; 2001 CQ₃₆, 3, 1, 0; 2001 CC₃₇ *, 6, 2, 1; 2001 CD₃₇ *, 8, 3, 4; 2001 CE₃₇ *, 9, 3, 4; 2001 CF₃₇ *, 6, 2, 1; 2001 CG₃₇ *, 10, 4, 12; 2001 CJ₄₂, 8, 3, 3; 2001 CK₄₂, 9, 3, 3; 2001 CL₄₂, 6, 2, 3; 2001 DS *, 9, 3, 3; 2001 DT *, 13, 4, 5; 2001 DU *, 14, 4, 11; 2001 DV *, 15, 4, 6; 2001 DW *, 7, 3, 11; 2001 DX *, 9, 3, 3; 2001 DY *, 8, 3, 4; 2001 DZ *, 8, 3, 11; 2001 DA₁ *, 10, 4, 11; 2001 DB₁ *, 6, 2, 1; 2001 DY₇ *, 9, 3, 4; 2001 DP₈, 3, 1, 0; 2001 DQ₈, 9, 3, 10; 2001 DR₈, 6, 2, 2; 2001 DS₈, 7, 2, 8; 2001 DT₈, 3, 1, 0; 2001 DU₈, 3, 1, 0; 2001 DV₈, 3, 1, 0; 2001 DG₉ *, 6, 2, 3; 2001 DS₁₁, 2, 1, 0; 2001 DG₁₃ *, 6, 2, 3; 2001 DO₁₄ *, 6, 2, 3; 2001 DP₁₄ *, 6, 2, 3; 2001 DQ₁₄ *, 9, 3, 10; 2001 DR₁₄ *, 9, 2, 2; 2001 DB₂₉, 3, 1, 0; 2001 DV₃₄, 2, 1, 0; 2001 DB₄₂, 3, 1, 0; 2001 DD₄₇, 3, 1, 0; 2001 DE₄₇, 4, 1, 0; 2001 DF₄₇, 12, 4, 8; 2001 DG₄₇, 9, 2, 1; 2001 DJ₄₇, 3, 1, 0; 2001 DM₄₇, 9, 2, 2; 2001 DY₄₇ *, 12, 4, 8; 2001 DZ₄₇ *, 11, 4, 10; 2001 DA₄₈ *, 9, 3, 8; 2001 DB₄₈ *, 12, 3, 8; 2001 DA₅₄ *, 17, 2, 1; 2001 DB₅₄ *, 6, 2, 1; 2001 DX₇₂, 3, 1, 0; 2001 DC₇₇, 3, 1, 0; 2001 DW₈₀ *, 9, 3, 8; 2001 DX₈₀ *, 6, 2, 5; 2001 DY₈₀ *, 6, 2, 5; 2001 DZ₈₀ *, 9, 2, 5; 2001 DP₈₁, 6, 1, 0; 2001 DH₈₆ *, 6, 2, 5; 2001 DJ₈₆ *, 6, 2, 5; 2001 DK₈₆ *, 6, 2, 5; 2001 DL₈₆ *, 8, 2, 5; 2001 DM₈₆ *, 6, 2, 5; 2194 T-1, 3, 1, 0; (555), 3, 1, 0; (3243), 2, 1, 0; (4139), 3, 1, 0; (4141), 2, 1, 0; (6434), 3, 1, 0; (9167), 3, 1, 0; (11988), 3, 1, 0; (12385), 3, 1, 0; (21214), 3, 1, 0; [617, 104, 37*, 2001/02/15-2001/02/27]

928 Moonedge Observatory, Northport

F. Schiralli Jr., 2 Moonedge Road, Northport, NY 11768, U.S.A.

[schiralli@mindspring.com]

0.305-m reflector + CCD

USNO-SA2.0

(20059), 3, 1, 0; [3, 1, 0*, 2001/02/14]

929 Port Allen

W. R. Cooney Jr., 1927 Fairview Dr., Port Allen, LA 70767, U.S.A.

[walt@sprintmail.com]

0.30-m $f/10$ reflector + CCD

USNO-A2.0

(1619), 6, 2, 1; [6, 1, 0*, 2001/01/22-2001/01/23]

937 Bradbury Observatory

J. McCue, 40 Bradbury Rd., Norton, Stockton-on-Tees, TS20 1LE, England

[john.mccue@ntlworld.com]

0.102-m $f/9.8$ refractor + CCD

GSC

(479), 2, 1, 0; (539), 4, 2, 21; [6, 2, 0*, 2001/01/28-2001/02/19]

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 $f/7.1$ Schmidt-Cassegrain + CCD

USNO-A2.0

(638), 60, 4, 4; (777), 14, 1, 0; (4063), 5, 1, 0; (7684), 4, 3, 3; [83, 4, 0*, 2001/02/15-2001/02/25]

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

GSC

(17493), 3, 1, 0; (19356), 3, 1, 0; (20429), 9, 3, 7; (20790), 9, 3, 7; [24, 4, 0*, 2001/02/03-2001/02/11]

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

GSC-1.1

1998 KP₂, 7, 2, 1; 1998 RO₄₄, 2, 1, 0; 1999 RS₃₂, 6, 2, 2; 1999 RO₁₅₅, 4, 1, 0; 1999 RF₁₈₀, 4, 2, 1; 1999 RJ₂₁₁, 4, 2, 1; 1999 TS₉₆, 4, 2, 1; 2000 XN₄₄, 5, 2, 6; 2001 BU₅₀, 7, 3, 14; 2001 CC₂₁, 8, 1, 0; (2256), 2, 1, 0; (9544), 2, 1, 0; (11343), 2, 1, 0; [57, 13, 0*, 2001/02/10–2001/02/26]

946 Ametlla de Mar

J. Nomen, Rio de Oro 25, bjos2, E-08034 Barcelona, Spain

[jnomen@astro.gea.cesca.es]

0.40-m $f/2.0$ Schmidt + CCD

USNO-SA2.0

2001 DZ₇₆, 5, 1, 0; [5, 1, 0*, 2001/02/23]

950 La Palma

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Observers M. J. Holman (1), P. Tzanavaris (7), S. Hodgkin (7), R. Greimel (7)

Measurer D. D. Balam (7)

2.5-m INT + CCD, 2.56-m NOT + CCD

USNO-SA2.0

{1} 1994 PR₁₅, 3, 1, 0; 1995 DC₂, 3, 1, 0; 1995 TL₈, 2, 2, 1; 1996 GQ₂₁, 2, 1, 0; 1997 CQ₂₉, 2, 1, 0; 1997 CT₂₉, 2, 1, 0; 1997 CV₂₉, 2, 1, 0; 1998 BU₄₈, 3, 1, 0; 1998 FS₁₄₄, 2, 1, 0; 1999 DE₉, 3, 1, 0; 1999 DF₉, 3, 1, 0; 1999 HX₁₁, 2, 1, 0; 2000 CN₁₀₅, 3, 2, 1; 2000 CQ₁₁₄, 4, 2, 2; 2000 EC₉₈, 2, 1, 0; 2000 EE₁₇₃, 3, 2, 1; 2000 FA₈, 3, 2, 1; 2000 FS₅₃, 3, 2, 2; 2000 FT₅₃, 4, 2, 2; 2000 FV₅₃, 3, 2, 2; 2000 GM₁₃₇, 5, 2, 2; 2000 GE₁₄₇, 3, 2, 2; 2000 GP₁₈₃, 3, 2, 2; 2000 KK₄, 3, 2, 1; 2000 WT₁₆₉, 2, 2, 2; 2000 WK₁₈₃, 2, 2, 2; 2000 YX₁, 2, 2, 2; 2000 YA₂, 3, 3, 3; 2000 YB₂, 2, 2, 2; 2000 YC₂, 3, 2, 2; 2000 YH₂, 3, 1, 0; [85, 31, 0*, 2001/02/14–2001/02/22]

{7} 1995 QT₃, 3, 1, 0; 1999 LO₇, 3, 1, 0; 2000 YQ₂₉, 3, 1, 0; 2000 YN₁₀₅, 3, 1, 0; 2001 BN₁₃, 3, 1, 0; 2001 BV₁₃, 3, 1, 0; 2001 BF₁₅, 3, 1, 0; 2001 BQ₃₂, 3, 1, 0; 2001 BL₃₅, 3, 1, 0; 2001 CB₂₁, 3, 1, 0; 2001 CC₂₁, 3, 1, 0; 2001 CD₂₁, 3, 1, 0; 2001 CK₃₂, 3, 1, 0; 2001 CE₄₂ *, 9, 2, 3; 2001 CO₄₂, 2, 1, 0; 2001 CH₄₆ *, 6, 2, 3; 2001 CJ₄₆ *, 9, 2, 5; 2001 CK₄₆ *, 6, 2, 5; 2001 CL₄₆ *, 5, 2, 5; 2001 CM₄₆ *, 6, 2, 5; 2001 DA₄₂, 3, 1, 0; 2001 DO₅₃, 3, 1, 0; 2001 DY₇₆, 2, 1, 0; 2001 DF₇₉ *, 6, 2, 5; 2001 DP₈₁ *, 6, 2, 5; (4050), 3, 1, 0; (9498), 3, 1, 0; (13029), 3, 1, 0; (16657), 2, 1, 0; (16724), 3, 1, 0; (19356), 3, 1, 0; (20790), 3, 1, 0; (20991), 2, 1, 0; (21910), 6, 2, 5; [130, 34, 8*, 2001/02/15–2001/03/01]

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

(1126), 6, 2, 1; (1698), 6, 2, 1; (1852), 6, 2, 1; (2137), 6, 2, 1; (3958), 6, 2, 1; (5376), 6, 2, 1; (7731), 5, 2, 1; (13832), 6, 2, 1; [47, 8, 0*, 2001/02/12–2001/02/14]

952 Marxuquera

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[astsafor@arrakis.es]

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

GSC, USNO-SA2.0

(1362), 3, 1, 0; (1514), 4, 1, 0; (4179), 3, 1, 0; (5126), 1, 1, 0; (6502), 4, 1, 0; (17493), 3, 1, 0; (20429), 7, 1, 0; (20790), 7, 2, 21; [32, 8, 0*, 2000/12/09–2001/02/10]

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C/2000 WM₁ (LINEAR)

Epoch 2002 Jan. 6.0 TT = JDT 2452280.5

T		2002 Jan. 22.6907 TT		Marsden	
q	0.555454	(2000.0)	P	Q	
z	-0.000516	ω 276.7676	-0.3148490	-0.4978573	
	± 0.000041	Ω 237.8938	+0.4304425	-0.8336993	
e	1.000287	i 72.5518	-0.8459251	-0.2389216	

From 116 observations 2000 Nov. 16–2001 Feb. 20, mean residual 0^u.6.

P/2000 WT₁₆₈

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5

T		2001 Mar. 23.3232 TT		Marsden	
q	1.761726	(2000.0)	P	Q	
n	0.1286801	ω 245.4988	-0.8804410	-0.3523222	
a	3.885633	Ω 272.5524	+0.4598308	-0.7977058	
e	0.546605	i 18.5200	-0.1156684	-0.4894226	
P	7.66				

From 164 observations 2000 Sept. 27–2001 Feb. 18, mean residual 0^u.5.

C/2000 Y1 (Tubbiolo)

Epoch 2001 Feb. 20.0 TT = JDT 2451960.5

T		2001 Feb. 3.7351 TT		Marsden	
q	7.973141	(2000.0)	P	Q	
z	-0.000190	ω 181.8301	+0.5292497	+0.6227498	
	± 0.000238	Ω 239.3966	+0.7867102	-0.1058066	
e	1.001511	i 137.9702	+0.3177764	-0.7752339	

From 60 observations 2000 Oct. 24–2001 Jan. 21, mean residual 0^u.7.

C/2000 Y2

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5

<i>T</i> 2001 Mar. 21.8041 TT		Marsden	
<i>q</i>	(2000.0)	P	Q
<i>z</i>	+0.002038	ω 326.8170	-0.8871008 -0.4610824
	± 0.000011	Ω 185.8481	+0.4558145 -0.8678110
<i>e</i>	0.994356	<i>i</i> 12.0876	+0.0727005 -0.1852220

From 67 observations 2000 Nov. 26–2001 Feb. 22, mean residual 0".7.

P/2000 Y3 (Scotti)

Epoch 2000 Oct. 23.0 TT = JDT 2451840.5

<i>T</i> 2000 Nov. 2.0323 TT		Marsden	
<i>q</i>	(2000.0)	P	Q
<i>n</i>	0.0865032	ω 88.5875	+0.1076309 -0.9941856
<i>a</i>	5.063468	Ω 355.2300	+0.8958491 +0.0984063
<i>e</i>	0.200648	<i>i</i> 2.2474	+0.4311263 +0.0437179

P 11.4
From 86 observations 2000 Nov. 29–2001 Feb. 27, mean residual 0".6.

C/2001 A1 (LINEAR)

Epoch 2000 Sept. 13.0 TT = JDT 2451800.5

<i>T</i> 2000 Sept. 17.5067 TT		Marsden	
<i>q</i>	(2000.0)	P	Q
<i>z</i>	+0.003982	ω 107.8096	-0.1203612 -0.9458569
	± 0.000100	Ω 339.6100	+0.1806662 +0.2777096
<i>e</i>	0.990425	<i>i</i> 59.9055	+0.9761521 -0.1680242

From 95 observations 2001 Jan. 7–Feb. 20, mean residual 0".7.

C/2001 A2 (LINEAR)

Epoch 2001 May 11.0 TT = JDT 2452040.5

<i>T</i> 2001 May 24.5228 TT		Marsden	
<i>q</i>	(2000.0)	P	Q
<i>z</i>	+0.000692	ω 295.3257	-0.4763423 +0.6952051
	± 0.000086	Ω 295.1271	-0.4246794 -0.7180033
<i>e</i>	0.999461	<i>i</i> 36.4832	-0.7698996 -0.0340751

From 135 observations 2001 Jan. 3–Feb. 26, mean residual 0".7.

C/2001 B1 (LINEAR)*T* 2000 Sept. 19.4099 TT

<i>T</i> 2000 Sept. 19.4099 TT		Marsden	
<i>q</i>	(2000.0)	P	Q
	ω 284.8627	-0.0148314	+0.6711693
	Ω 49.8411	+0.6922578	+0.5417524
<i>e</i>	1.0	<i>i</i> 104.1238	-0.7214978 +0.5060001

From 46 observations 2001 Jan. 22–Feb. 26.

C/2001 B2 (NEAT)*T* 2000 Sept. 1.3134 TT

<i>T</i> 2000 Sept. 1.3134 TT		Marsden	
<i>q</i>	(2000.0)	P	Q
	ω 304.7137	-0.8767445	-0.3904304
	Ω 145.1070	-0.0794786	+0.6935490
<i>e</i>	1.0	<i>i</i> 150.5952	-0.4743439 +0.6054370

From 96 observations 2001 Jan. 24–Feb. 26.

C/2001 C1 (LINEAR)*T* 2002 Mar. 31.2989 TT

<i>T</i> 2002 Mar. 31.2989 TT		Marsden	
<i>q</i>	(2000.0)	P	Q
	ω 220.4789	-0.5036894	+0.6913412
	Ω 33.7030	-0.3237750	+0.4048589
<i>e</i>	1.0	<i>i</i> 68.9964	-0.8009162 -0.5984452

From 49 observations 2001 Feb. 1–25.

C/2001 C2 (SOHO)*T* 2001 Feb. 7.92 TT

<i>T</i> 2001 Feb. 7.92 TT		Marsden	
<i>q</i>	(2000.0)	P	Q
	ω 86.45	+0.17656	-0.98086
	Ω 8.15	-0.96087	-0.18985
<i>e</i>	1.0	<i>i</i> 144.61	+0.21342 -0.04327

From 65 observations 2001 Feb. 6–7.

C/2001 C3 (SOHO)*T* 2001 Feb. 4.98 TT

<i>T</i> 2001 Feb. 4.98 TT		Marsden	
<i>q</i>	(2000.0)	P	Q
	ω 79.54	+0.19575	-0.98060
	Ω 1.02	-0.95893	-0.19360
<i>e</i>	1.0	<i>i</i> 144.59	+0.20526 +0.03073

From 53 observations 2001 Feb. 3–4.

C/2001 C4 (SOHO)*T* 2001 Feb. 8.44 TT

<i>T</i> 2001 Feb. 8.44 TT		Marsden	
<i>q</i>	(2000.0)	P	Q
	ω 57.39	+0.14526	-0.91378
	Ω 328.00	-0.95956	-0.03666
<i>e</i>	1.0	<i>i</i> 134.29	+0.24113 +0.40455

From 12 observations 2001 Feb. 7–8.

C/2001 C5 (SOHO)*T* 2001 Feb. 13.29 TT

<i>T</i> 2001 Feb. 13.29 TT		Marsden	
<i>q</i>	(2000.0)	P	Q
	ω 51.27	+0.03545	-0.98887
	Ω 322.52	-0.97470	-0.06613
<i>e</i>	1.0	<i>i</i> 166.26	-0.22069 +0.13325

From 32 observations 2001 Feb. 13–14.

C/2001 C6 (SOHO)*T* 2001 Feb. 15.03 TT

<i>T</i> 2001 Feb. 15.03 TT		Marsden	
<i>q</i>	(2000.0)	P	Q
	ω 65.31	+0.15567	-0.96287
	Ω 340.03	-0.96246	-0.09759
<i>e</i>	1.0	<i>i</i> 139.77	+0.22235 +0.25169

From 43 observations 2001 Feb. 13–14.

P/2001 CV₈ (LINEAR)

T		Marsden			
2001 Feb. 12.7352 TT				P	Q
<i>q</i>	2.153261	(2000.0)			
<i>n</i>	0.1289506	ω	151.6261	-0.8792715	-0.4763208
<i>a</i>	3.880196	Ω	359.9277	+0.4018438	-0.7415654
<i>e</i>	0.445064	<i>i</i>	9.0551	+0.2557403	-0.4724396
<i>P</i>	7.64				

From 67 observations 2001 Feb. 1–26.

33P/Daniel

Epoch 2000 June 25.0 TT = JDT 2451720.5

T		Marsden			
2000 June 23.4660 TT				P	Q
<i>q</i>	2.157238	(2000.0)			
<i>n</i>	0.1222070	ω	18.9877	+0.0997835	-0.9314835
<i>a</i>	4.021661	Ω	66.5826	+0.8564419	-0.0985703
<i>e</i>	0.463595	<i>i</i>	22.4100	+0.5065082	+0.3501748
<i>P</i>	8.07				

From 51 observations 1979–2001, mean residual 0^u.9. Nongravitational parameters

$$A_1 = +0.30, A_2 = +0.0726.$$

S/1975 J 1 = S/2000 J 1

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5

T		Williams			
2001 Apr. 1.0 TT = JDT 2452000.5				P	Q
<i>M</i>	108.12113	(2000.0)			
<i>n</i>	2.76926021	ω	238.60366	+0.25623168	-0.92853861
<i>a</i>	0.0494534	Ω	202.16959	+0.93141268	+0.16285789
<i>e</i>	0.2059108	<i>i</i>	45.38835	-0.25848742	-0.33360658
<i>P</i>	130.00 d	<i>H</i>	14.7	<i>G</i>	0.15

From 31 observations 1975 Sept. 30–2001 Feb. 14, mean residual 0^u.61.

S/1999 J 1

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5

T		Williams			
2001 Apr. 1.0 TT = JDT 2452000.5				P	Q
<i>M</i>	294.79692	(2000.0)			
<i>n</i>	0.48920131	ω	56.96157	-0.53574370	-0.61358230
<i>a</i>	0.1570775	Ω	282.84304	-0.82350682	+0.53149147
<i>e</i>	0.2061509	<i>i</i>	143.48974	+0.18658832	+0.58398081
<i>P</i>	735.89 d	<i>H</i>	14.0	<i>G</i>	0.15

From 29 observations 1999 Oct. 6–2000 Nov. 25, mean residual 0^u.34.

S/2000 J 7

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5

T		Williams			
2001 Apr. 1.0 TT = JDT 2452000.5				P	Q
<i>M</i>	13.11969	(2000.0)			
<i>n</i>	0.57665753	ω	203.11413	+0.07838454	+0.84061980
<i>a</i>	0.1407647	Ω	284.94578	+0.97919028	+0.03602358
<i>e</i>	0.1436187	<i>i</i>	146.31073	+0.18719579	-0.54042636
<i>P</i>	624.29 d	<i>H</i>	14.8	<i>G</i>	0.15

From 33 observations 2000 Nov. 23–2001 Feb. 16, mean residual 0^u.24.

S/2000 J 9

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5

T		Williams			
2001 Apr. 1.0 TT = JDT 2452000.5				P	Q
<i>M</i>	302.50153	(2000.0)			
<i>n</i>	0.51674738	ω	256.03089	+0.53476763	+0.81889347
<i>a</i>	0.1514445	Ω	311.72709	+0.84211704	-0.49612489
<i>e</i>	0.2162729	<i>i</i>	163.78417	+0.06973137	-0.28857163
<i>P</i>	696.67 d	<i>H</i>	15.4	<i>G</i>	0.15

From 35 observations 2000 Nov. 25–2001 Feb. 16, mean residual 0^u.24.

S/2000 J 10

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5

T		Williams			
2001 Apr. 1.0 TT = JDT 2452000.5				P	Q
<i>M</i>	129.32606	(2000.0)			
<i>n</i>	0.47982917	ω	258.04224	-0.42943388	-0.89088301
<i>a</i>	0.1591162	Ω	141.49711	-0.70808376	+0.43388910
<i>e</i>	0.1567373	<i>i</i>	166.24417	-0.56053897	+0.13441620
<i>P</i>	750.27 d	<i>H</i>	15.7	<i>G</i>	0.15

From 30 observations 2000 Nov. 26–2001 Feb. 16, mean residual 0^u.30.

S/2000 S 1

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5

T		Williams			
2001 Apr. 1.0 TT = JDT 2452000.5				P	Q
<i>M</i>	350.61221	(2000.0)			
<i>n</i>	0.27949312	ω	39.90854	-0.96981759	+0.23740148
<i>a</i>	0.1526229	Ω	206.33369	+0.17918109	+0.84861025
<i>e</i>	0.3665804	<i>i</i>	172.79617	+0.16537221	+0.47275912
<i>P</i>	1288.05 d	<i>H</i>	12.3	<i>G</i>	0.15

From 19 observations 2000 Aug. 7–Nov. 3, mean residual 0^u.11.

S/2000 S 2

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5

T		Williams			
2001 Apr. 1.0 TT = JDT 2452000.5				P	Q
<i>M</i>	182.99222	(2000.0)			
<i>n</i>	0.52155828	ω	239.33838	-0.58750205	+0.80303564
<i>a</i>	0.1006928	Ω	352.04333	-0.22954190	-0.28372711
<i>e</i>	0.4585252	<i>i</i>	46.17993	-0.77598445	-0.52405409
<i>P</i>	690.24 d	<i>H</i>	11.9	<i>G</i>	0.15

From 26 observations 2000 Aug. 7–Nov. 24, mean residual 0^u.19.

S/2000 S 7

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5

T		Williams			
2001 Apr. 1.0 TT = JDT 2452000.5				P	Q
<i>M</i>	141.44642	(2000.0)			
<i>n</i>	0.33923515	ω	88.72211	-0.92232171	+0.37779999
<i>a</i>	0.1341322	Ω	246.52960	+0.30992323	+0.84869791
<i>e</i>	0.5578000	<i>i</i>	174.92270	+0.23080349	+0.37010677
<i>P</i>	1061.21 d	<i>H</i>	14.3	<i>G</i>	0.15

From 15 observations 2000 Sept. 23–2001 Feb. 24, mean residual 0^u.23.

Jupiter VI (Himalia)

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5

T		Williams			
2001 Apr. 1.0 TT = JDT 2452000.5				P	Q
<i>M</i>	356.84041	(2000.0)			
<i>n</i>	1.44002474	ω	336.21362	+0.71448882	-0.53138294
<i>a</i>	0.0764761	Ω	63.92958	+0.69520942	+0.46606562
<i>e</i>	0.1442618	<i>i</i>	30.44267	+0.07867394	+0.70740018
<i>P</i>	250.00 d	<i>H</i>	7.8	<i>G</i>	0.15

From 480 observations 1904 Dec. 4–2001 Feb. 19, mean residual 1^u.19.

Jupiter VII (Elara)

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5

T		Williams			
2001 Apr. 1.0 TT = JDT 2452000.5				P	Q
<i>M</i>	245.50264	(2000.0)			
<i>n</i>	1.38800685	ω	143.63541	-0.20497458	+0.85934435
<i>a</i>	0.0783751	Ω	110.14918	-0.97368401	-0.13030731
<i>e</i>	0.2184627	<i>i</i>	29.93817	-0.09962363	-0.49451723
<i>P</i>	259.36 d	<i>H</i>	10.1	<i>G</i>	0.15

From 342 observations 1905 Jan. 4–2000 Dec. 29, mean residual 1^u.11.

Jupiter VIII (Pasiphae)

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	153.78736	ω 167.59179	-0.88489605 +0.26536231
<i>a</i>	0.51658247	Ω 323.82388	+0.35234736 +0.91887925
<i>e</i>	0.1514767	<i>i</i> 139.56907	+0.30464786 -0.29196534
<i>P</i>	0.3965125	<i>H</i> 10.0	<i>G</i> 0.15

From 524 observations 1908 Jan. 28–2001 Feb. 22, mean residual 0^{''}.87.

Jupiter IX (Sinope)

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	29.26362	ω 350.83010	+0.78895259 -0.52945602
<i>a</i>	0.46876117	Ω 313.98694	-0.53270567 -0.84228585
<i>e</i>	0.1616111	<i>i</i> 154.31762	-0.30623271 +0.10114775
<i>P</i>	0.2513776	<i>H</i> 10.9	<i>G</i> 0.15

From 248 observations 1914 July 22–2001 Jan. 21, mean residual 0^{''}.79.

Jupiter X (Lysithea)

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	228.37537	ω 61.95850	+0.37175404 -0.92673014
<i>a</i>	1.38714124	Ω 6.92518	+0.61037974 +0.19977465
<i>e</i>	0.0784077	<i>i</i> 26.87226	+0.69945372 +0.31821587
<i>P</i>	0.1288881	<i>H</i> 11.2	<i>G</i> 0.15

From 110 observations 1938 July 6–2000 Dec. 1, mean residual 0^{''}.75.

Jupiter XI (Carne)

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	122.99936	ω 16.18130	-0.32774427 +0.92080938
<i>a</i>	0.52732651	Ω 124.84579	+0.83574522 +0.17822000
<i>e</i>	0.1494121	<i>i</i> 165.07240	+0.44058327 +0.34691169
<i>P</i>	0.2093701	<i>H</i> 10.7	<i>G</i> 0.15

From 229 observations 1938 July 30–2001 Feb. 22, mean residual 0^{''}.68.

Jupiter XII (Ananke)

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	179.34106	ω 75.55141	+0.47717693 -0.86765411
<i>a</i>	0.57950258	Ω 16.40834	-0.86663815 -0.49093463
<i>e</i>	0.1403036	<i>i</i> 150.39154	+0.14574118 -0.07848271
<i>P</i>	0.3131862	<i>H</i> 12.3	<i>G</i> 0.15

From 132 observations 1958 Apr. 14–2001 Jan. 3, mean residual 0^{''}.60.

Jupiter XIII (Leda)

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	192.62049	ω 270.55523	-0.53327154 -0.80195569
<i>a</i>	1.50517488	Ω 216.18784	+0.83511557 -0.54983138
<i>e</i>	0.0742531	<i>i</i> 27.12917	-0.13492013 -0.23356483
<i>P</i>	0.1870731	<i>H</i> 13.3	<i>G</i> 0.15

From 69 observations 1974 Sept. 11–2000 Nov. 24, mean residual 0^{''}.74.

Saturn IX (Phoebe)

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	353.69354	ω 357.21750	-0.06694042 -0.99099275
<i>a</i>	0.65516323	Ω 263.39817	-0.91315475 +0.01400433
<i>e</i>	0.0864903	<i>i</i> 173.29494	-0.40207882 +0.13318123
<i>P</i>	0.1545251	<i>H</i> 6.5	<i>G</i> 0.15

From 299 observations 1904 Nov. 7–2000 Dec. 18, mean residual 0^{''}.79.

Uranus XVI (Caliban)

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	309.14758	ω 339.29361	-0.95497750 -0.29155977
<i>a</i>	0.62139863	Ω 175.12321	-0.08314496 +0.44055883
<i>e</i>	0.0479152	<i>i</i> 139.80097	-0.28478920 +0.84905878
<i>P</i>	0.0797254	<i>H</i> 9.0	<i>G</i> 0.15

From 62 observations 1984 June 1–2000 Aug. 7, mean residual 0^{''}.44.

Uranus XVII (Sycorax)

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	29.18234	ω 17.11569	-0.48751603 -0.75094000
<i>a</i>	0.27932774	Ω 255.82278	-0.84518682 +0.27788642
<i>e</i>	0.0816540	<i>i</i> 152.64944	-0.21906018 +0.59905614
<i>P</i>	0.5116241	<i>H</i> 7.1	<i>G</i> 0.15

From 146 observations 1984 June 2–2000 Sept. 4, mean residual 0^{''}.46.

Uranus XVIII (Prospero)

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	330.27449	ω 171.84306	-0.83537652 +0.41925931
<i>a</i>	0.18158471	Ω 320.12442	+0.46783447 +0.88181940
<i>e</i>	0.1088097	<i>i</i> 146.32588	+0.28857750 -0.21590779
<i>P</i>	0.3277377	<i>H</i> 10.5	<i>G</i> 0.15

From 29 observations 1999 July 18–2000 Dec. 18, mean residual 0^{''}.37.

Uranus XIX (Setebos)

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	249.26356	ω 2.11760	-0.37381510 -0.78513449
<i>a</i>	0.15586650	Ω 249.84576	-0.85851188 +0.09140997
<i>e</i>	0.1204717	<i>i</i> 148.26475	-0.35102653 +0.61254228
<i>P</i>	0.5132947	<i>H</i> 10.5	<i>G</i> 0.15

From 30 observations 1999 July 18–2000 Nov. 28, mean residual 0^{''}.38.

Uranus XX (Stephano)

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5		Williams	
<i>M</i>	(2000.0)	P	Q
<i>n</i>	137.20636	ω 29.78029	-0.92028214 +0.37751892
<i>a</i>	0.53291929	Ω 189.51211	+0.09751331 +0.47567244
<i>e</i>	0.0530818	<i>i</i> 141.54924	+0.37890889 +0.79449053
<i>P</i>	0.1448719	<i>H</i> 11.5	<i>G</i> 0.15

From 27 observations 1999 July 18–2000 Aug. 5, mean residual 0^{''}.32.

Neptune II (Nereid)

Epoch 2001 Apr. 1.0 TT = JDT 2452000.5

Williams

<i>M</i>	311.23084	(2000.0)	<i>P</i>	<i>Q</i>
<i>n</i>	0.99958557	ω 296.36937	-0.23108654	+0.97128930
<i>a</i>	0.0368608	Ω 320.13774	-0.85826419	-0.23087399
<i>e</i>	0.7438609	<i>i</i> 5.06032	-0.45823749	-0.05739601
<i>P</i>	360.15 d	<i>H</i> 4.8	<i>G</i> 0.15	

From 249 observations 1949 May 1–1999 Aug. 10, mean residual 0".50.

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*.

(22249)	1972 RF ₂	1972 09 11	095	Chernykh, N. S.	(22283)	1986 PY	1986 08 06	071	Elst, E. W., Ivanova, V.
(22250)	1978 RD ₂	1978 09 07	095	Smirnova, T. M.	(22284)	1986 SH	1986 09 30	046	Mrkos, A.
(22251)	1978 RT ₆	1978 09 02	809	Lagerkvist, C.-I.	(22285)	1987 RR	1987 09 03	809	Elst, E. W.
(22252)	1978 SG	1978 09 27	809	West, R. M.	(22286)	1988 BO ₃	1988 01 18	809	Debehogne, H.
(22253)	1978 SU ₇	1978 09 26	095	Zhuravleva, L. V.	(22287)	1988 RL ₁₂	1988 09 14	807	Bus, S. J.
(22254)	1978 TV ₂	1978 10 03	095	Chernykh, N. S.	(22288)	1988 TR ₂	1988 10 11	046	Mrkos, A.
(22255)	1978 VX ₄	1978 11 07	675	Helin, E. F., Bus, S. J.	(22289)	1988 XV ₁	1988 12 11	399	Ueda, S., Kaneda, H.
(22256)	1978 VP ₉	1978 11 07	675	Helin, E. F., Bus, S. J.	(22290)	1989 AO	1989 01 02	675	Helin, E. F.
(22257)	1978 VJ ₁₀	1978 11 07	675	Helin, E. F., Bus, S. J.	(22291)	1989 CH ₅	1989 02 02	033	Börngen, F.
(22258)	1979 MB ₃	1979 06 25	413	Helin, E. F., Bus, S. J.	(22292)	1989 SM ₁	1989 09 26	809	Elst, E. W.
(22259)	1979 MD ₅	1979 06 25	413	Helin, E. F., Bus, S. J.	(22293)	1989 SK ₄	1989 09 26	809	Elst, E. W.
(22260)	1979 UR	1979 10 19	046	Mrkos, A.	(22294)	1989 SC ₈	1989 09 28	675	Shoemaker, C. S.
(22261)	1980 AB	1980 01 13	046	Vávrová, Z.	(22295)	1989 SZ ₉	1989 09 26	809	Debehogne, H.
(22262)	1980 PZ ₂	1980 08 04	413	Royal Observatory Edinburgh	(22296)	1989 TW ₄	1989 10 07	809	Elst, E. W.
(22263)	1980 RC	1980 09 03	552	Osservatorio San Vittore	(22297)	1989 WA ₁	1989 11 21	403	Mizuno, Y., Furuta, T.
(22264)	1981 EX ₈	1981 03 01	413	Bus, S. J.	(22298)	1990 EJ	1990 03 02	399	Ueda, S., Kaneda, H.
(22265)	1981 EE ₁₁	1981 03 01	413	Bus, S. J.	(22299)	1990 GS	1990 04 15	809	Elst, E. W.
(22266)	1981 EQ ₁₁	1981 03 07	413	Bus, S. J.	(22300)	1990 OY	1990 07 19	675	Helin, E. F.
(22267)	1981 ET ₂₃	1981 03 03	413	Bus, S. J.	(22301)	1990 OB ₁	1990 07 22	675	Helin, E. F.
(22268)	1981 EJ ₂₆	1981 03 02	413	Bus, S. J.	(22302)	1990 OG ₄	1990 07 24	675	Holt, H. E.
(22269)	1981 EK ₂₇	1981 03 02	413	Bus, S. J.	(22303)	1990 QE ₄	1990 08 23	675	Holt, H. E.
(22270)	1981 EQ ₃₀	1981 03 02	413	Bus, S. J.	(22304)	1990 RU ₉	1990 09 14	675	Holt, H. E.
(22271)	1981 EZ ₃₂	1981 03 01	413	Bus, S. J.	(22305)	1990 SD ₂	1990 09 17	675	Holt, H. E.
(22272)	1981 EY ₃₉	1981 03 02	413	Bus, S. J.	(22306)	1990 SF ₄	1990 09 23	675	Lawrence, K. J.
(22273)	1981 QO ₃	1981 08 26	809	Debehogne, H.	(22307)	1990 SU ₄	1990 09 16	046	Mrkos, A.
(22274)	1981 RN	1981 09 07	046	Mrkos, A.	(22308)	1990 UO ₄	1990 10 16	809	Elst, E. W.
(22275)	1982 BU	1982 01 18	688	Bowell, E.	(22309)	1990 VO ₄	1990 11 15	809	Elst, E. W.
(22276)	1982 UH ₉	1982 10 21	095	Karachkina, L. G.	(22310)	1990 WU ₁	1990 11 18	809	Elst, E. W.
(22277)	1982 VK ₄	1982 11 14	381	Kosai, H., Hুরুkawa, K.	(22311)	1991 EF ₂	1991 03 10	809	Debehogne, H.
(22278)	1983 RT ₃	1983 09 02	809	Debehogne, H.	(22312)	1991 GW ₁	1991 04 14	675	Shoemaker, C. S.
(22279)	1984 DM	1984 02 23	809	Debehogne, H.	(22313)	1991 GP ₃	1991 04 08	809	Elst, E. W.
(22280)	1985 CD ₂	1985 02 12	809	Debehogne, H.	(22314)	1991 GV ₃	1991 04 08	809	Elst, E. W.
(22281)	1985 PC	1985 08 14	688	Bowell, E.	(22315)	1991 GA ₄	1991 04 08	809	Elst, E. W.
(22282)	1985 RA	1985 09 11	054	Copenhagen Observatory	(22316)	1991 LO ₁	1991 06 06	809	Elst, E. W.
					(22317)	1991 LL ₂	1991 06 06	809	Elst, E. W.
					(22318)	1991 PG ₁	1991 08 15	675	Helin, E. F.
					(22319)	1991 PX ₆	1991 08 06	809	Elst, E. W.
					(22320)	1991 PH ₁₈	1991 08 08	675	Holt, H. E.
					(22321)	1991 RP	1991 09 04	675	Helin, E. F.
					(22322)	1991 RQ ₄	1991 09 13	033	Börngen, F., Schmadel, L. D.
					(22323)	1991 RC ₆	1991 09 13	675	Holt, H. E.
					(22324)	1991 RQ ₉	1991 09 10	675	Holt, H. E.
					(22325)	1991 RE ₁₉	1991 09 14	675	Holt, H. E.
					(22326)	1991 SZ	1991 09 30	413	McNaught, R. H.
					(22327)	1991 TS	1991 10 01	413	McNaught, R. H.
					(22328)	1991 VJ ₁	1991 11 04	894	Otomo, S.
					(22329)	1991 VT ₅	1991 11 02	809	Elst, E. W.
					(22330)	1991 VU ₅	1991 11 02	809	Elst, E. W.
					(22331)	1992 AC ₁	1992 01 10	402	Sugie, A.
					(22332)	1992 DD ₈	1992 02 29	809	UESAC
					(22333)	1992 DG ₁₀	1992 02 29	809	UESAC
					(22334)	1992 ES ₆	1992 03 01	809	UESAC

(22335)	1992 ED ₁₈	1992 03 03	809	UESAC	(22387)	1994 PN ₁₄	1994 08 10	809	Elst, E. W.
(22336)	1992 EA ₁₉	1992 03 01	809	UESAC	(22388)	1994 PC ₁₅	1994 08 10	809	Elst, E. W.
(22337)	1992 EV ₃₂	1992 03 02	809	UESAC	(22389)	1994 PC ₂₁	1994 08 12	809	Elst, E. W.
(22338)	1992 LE	1992 06 03	675	Shoemaker, C. S.	(22390)	1994 PA ₂₃	1994 08 12	809	Elst, E. W.
(22339)	1992 OL ₃	1992 07 26	809	Elst, E. W.	(22391)	1994 PE ₂₆	1994 08 12	809	Elst, E. W.
(22340)	1992 OM ₆	1992 07 30	809	Elst, E. W.	(22392)	1994 PT ₂₇	1994 08 12	809	Elst, E. W.
(22341)	1992 PF	1992 08 08	010	Elst, E. W.	(22393)	1994 QV	1994 08 29	905	Shimizu, Y., Urata, T.
(22342)	1992 RW ₂	1992 09 02	809	Elst, E. W.	(22394)	1994 TO	1994 10 02	400	Endate, K., Watanabe, K.
(22343)	1992 RM ₅	1992 09 02	809	Elst, E. W.	(22395)	1994 TD ₃	1994 10 02	400	Endate, K., Watanabe, K.
(22344)	1992 RJ ₇	1992 09 02	809	Elst, E. W.	(22396)	1994 VR	1994 11 03	411	Kobayashi, T.
(22345)	1992 SP ₂	1992 09 23	675	Helin, E. F.	(22397)	1994 VV ₂	1994 11 04	400	Endate, K., Watanabe, K.
(22346)	1992 SY ₁₂	1992 09 28	400	Yanai, M., Watanabe, K.	(22398)	1994 WF ₁	1994 11 27	411	Kobayashi, T.
(22347)	1992 SE ₁₃	1992 09 30	400	Endate, K., Watanabe, K.	(22399)	1995 CB	1995 02 01	411	Kobayashi, T.
(22348)	1992 SA ₁₇	1992 09 24	033	Börngen, F., Schmadel, L. D.	(22400)	1995 CC	1995 02 01	411	Kobayashi, T.
(22349)	1992 UH	1992 10 19	399	Ueda, S., Kaneda, H.	(22401)	1995 DP ₃	1995 02 24	098	Cima Ekar
(22350)	1992 US	1992 10 21	402	Sugie, A.	(22402)	1995 GN	1995 04 03	360	Nakamura, A.
(22351)	1992 UT ₂	1992 10 19	400	Endate, K., Watanabe, K.	(22403)	1995 LK	1995 06 05	413	Asher, D. J.
(22352)	1992 UP ₃	1992 10 26	400	Endate, K., Watanabe, K.	(22404)	1995 ME ₄	1995 06 29	691	Spacewatch
(22353)	1992 UA ₆	1992 10 28	399	Ueda, S., Kaneda, H.	(22405)	1995 OB	1995 07 19	107	Cavezzo
(22354)	1992 UR ₈	1992 10 31	033	Börngen, F.	(22406)	1995 QW ₅	1995 08 22	691	Spacewatch
(22355)	1992 WD ₁	1992 11 16	400	Endate, K., Watanabe, K.	(22407)	1995 SK ₂	1995 09 17	905	Shimizu, Y., Urata, T.
(22356)	1992 WS ₆	1992 11 19	691	Spacewatch	(22408)	1995 SC ₃	1995 09 20	399	Ueda, S., Kaneda, H.
(22357)	1992 YJ	1992 12 22	885	Natori, A., Urata, T.	(22409)	1995 SU ₃	1995 09 20	400	Endate, K., Watanabe, K.
(22358)	1993 FK ₁₁	1993 03 17	809	UESAC	(22410)	1995 SS ₅₂	1995 09 29	691	Spacewatch
(22359)	1993 FR ₁₁	1993 03 17	809	UESAC	(22411)	1995 TR	1995 10 02	411	Kobayashi, T.
(22360)	1993 FT ₁₁	1993 03 17	809	UESAC	(22412)	1995 UQ ₄	1995 10 25	411	Kobayashi, T.
(22361)	1993 FN ₁₄	1993 03 17	809	UESAC	(22413)	1995 UB ₁₃	1995 10 17	691	Spacewatch
(22362)	1993 FY ₁₉	1993 03 17	809	UESAC	(22414)	1995 UB ₁₅	1995 10 17	691	Spacewatch
(22363)	1993 FX ₂₁	1993 03 21	809	UESAC	(22415)	1995 UB ₂₁	1995 10 19	691	Spacewatch
(22364)	1993 FJ ₃₃	1993 03 19	809	UESAC	(22416)	1995 UC ₄₇	1995 10 28	400	Endate, K., Watanabe, K.
(22365)	1993 FQ ₄₃	1993 03 19	809	UESAC	(22417)	1995 WK ₁	1995 11 18	411	Kobayashi, T.
(22366)	1993 MT	1993 06 21	691	Spacewatch	(22418)	1995 WM ₄	1995 11 20	411	Kobayashi, T.
(22367)	1993 MZ	1993 06 18	413	McNaught, R. H.	(22419)	1995 WP ₅	1995 11 24	411	Kobayashi, T.
(22368)	1993 PV ₃	1993 08 14	010	Elst, E. W.	(22420)	1995 WL ₄₂	1995 11 28	327	Beijing Schmidt CCD Asteroid Program
(22369)	1993 SE ₃	1993 09 18	033	Börngen, F., Schmadel, L. D.	(22421)	1995 XC ₅	1995 12 14	691	Spacewatch
(22370)	1993 TJ ₂	1993 10 15	565	Quadri, U.	(22422)	1995 YO ₅	1995 12 16	691	Spacewatch
(22371)	1993 TA ₁₆	1993 10 09	809	Elst, E. W.	(22423)	1995 YJ ₁₂	1995 12 19	691	Spacewatch
(22372)	1993 TD ₂₈	1993 10 09	809	Elst, E. W.	(22424)	1995 YS ₂₁	1995 12 20	566	JPL/GEODSS NEAT
(22373)	1993 TJ ₃₁	1993 10 09	809	Elst, E. W.	(22425)	1996 AZ	1996 01 11	411	Kobayashi, T.
(22374)	1993 TX ₃₃	1993 10 09	809	Elst, E. W.	(22426)	1996 AH ₉	1996 01 13	691	Spacewatch
(22375)	1993 TF ₃₄	1993 10 09	809	Elst, E. W.	(22427)	1996 DB	1996 02 18	411	Kobayashi, T.
(22376)	1993 TX ₃₈	1993 10 09	809	Elst, E. W.	(22428)	1996 DT	1996 02 19	411	Kobayashi, T.
(22377)	1993 UW ₆	1993 10 20	809	Elst, E. W.	(22429)	1996 DD ₁	1996 02 22	118	Galád, A., Pravda, A.
(22378)	1994 AY ₁₀	1994 01 08	691	Spacewatch	(22430)	1996 DM ₂	1996 02 23	411	Kobayashi, T.
(22379)	1994 CO ₁	1994 02 10	595	Farra d'Isonzo	(22431)	1996 DY ₂	1996 02 28	966	Laurie, S. P.
(22380)	1994 CF ₁₀	1994 02 07	809	Elst, E. W.	(22432)	1996 EJ ₁₄	1996 03 12	691	Spacewatch
(22381)	1994 CN ₁₀	1994 02 07	809	Elst, E. W.	(22433)	1996 GC ₂	1996 04 09	894	Otomo, S.
(22382)	1994 CY ₁₆	1994 02 08	809	Elst, E. W.	(22434)	1996 GE ₆	1996 04 11	691	Spacewatch
(22383)	1994 EL	1994 03 05	595	Farra d'Isonzo	(22435)	1996 GN ₇	1996 04 12	691	Spacewatch
(22384)	1994 EZ ₆	1994 03 09	010	Elst, E. W.	(22436)	1996 GO ₁₇	1996 04 15	809	Elst, E. W.
(22385)	1994 EK ₇	1994 03 14	408	Hirasawa, M., Suzuki, S.	(22437)	1996 GR ₂₀	1996 04 15	809	Elst, E. W.
(22386)	1994 PF ₁₄	1994 08 10	809	Elst, E. W.	(22438)	1996 HQ ₁₉	1996 04 18	809	Elst, E. W.

(22439)	1996 HL ₂₀	1996 04 18	809	Elst, E. W.	(22491)	1997 GX ₃₂	1997 04 03	704	LINEAR
(22440)	1996 KA	1996 05 17	118	Galád, A., Pravda, A.	(22492)	1997 GN ₃₅	1997 04 06	704	LINEAR
(22441)	1996 PA ₉	1996 08 08	809	Elst, E. W.	(22493)	1997 GP ₄₀	1997 04 07	809	Elst, E. W.
(22442)	1996 TM ₉	1996 10 14	046	Kleť	(22494)	1997 JL	1997 05 02	691	Spacewatch
(22443)	1996 TJ ₁₁	1996 10 11	400	Endate, K.	(22495)	1997 JU ₃	1997 05 06	684	Comba, P. G.
(22444)	1996 TK ₁₂	1996 10 15	905	Shimizu, Y., Urata, T.	(22496)	1997 JH ₁₃	1997 05 03	809	Elst, E. W.
(22445)	1996 TT ₁₄	1996 10 09	399	Ueda, S., Kaneda, H.	(22497)	1997 KG	1997 05 30	684	Comba, P. G.
(22446)	1996 TU ₂₅	1996 10 06	691	Spacewatch	(22498)	1997 LY ₂	1997 06 05	691	Spacewatch
(22447)	1996 TP ₃₄	1996 10 10	691	Spacewatch	(22499)	1997 MP ₉	1997 06 27	691	Spacewatch
(22448)	1996 TP ₃₅	1996 10 11	691	Spacewatch	(22500)	1997 OJ	1997 07 26	587	Sicoli, P., Testa, A.
(22449)	1996 VC	1996 11 01	693	Spahr, T. B.	(22501)	1997 PR ₃	1997 08 05	327	Beijing Schmidt CCD Asteroid Program
(22450)	1996 VN	1996 11 03	046	Kleť	(22502)	1997 SW	1997 09 16	327	Beijing Schmidt CCD Asteroid Program
(22451)	1996 VN ₆	1996 11 13	599	Boattini, A., Di Paola, A.	(22503)	1997 TB ₁₂	1997 10 07	046	Kleť
(22452)	1996 VD ₈	1996 11 03	399	Ueda, S., Kaneda, H.	(22504)	1997 TD ₁₇	1997 10 06	905	Shimizu, Y., Urata, T.
(22453)	1996 VC ₉	1996 11 07	400	Endate, K., Watanabe, K.	(22505)	1997 UF	1997 10 19	557	Šarounová, L.
(22454)	1996 VU ₁₇	1996 11 06	691	Spacewatch	(22506)	1997 WD ₈	1997 11 24	411	Kobayashi, T.
(22455)	1996 XK ₁	1996 12 02	411	Kobayashi, T.	(22507)	1997 WA ₃₁	1997 11 29	704	LINEAR
(22456)	1996 XF ₁₂	1996 12 04	691	Spacewatch	(22508)	1997 WZ ₄₂	1997 11 29	704	LINEAR
(22457)	1996 XC ₁₅	1996 12 10	327	Beijing Schmidt CCD Asteroid Program	(22509)	1997 YY ₂	1997 12 24	411	Kobayashi, T.
(22458)	1996 XD ₃₁	1996 12 14	411	Kobayashi, T.	(22510)	1997 YV ₇	1997 12 21	691	Spacewatch
(22459)	1997 AD ₂	1997 01 03	411	Kobayashi, T.	(22511)	1997 YC ₁₀	1997 12 28	411	Kobayashi, T.
(22460)	1997 AJ ₂	1997 01 03	411	Kobayashi, T.	(22512)	1998 BH ₂₆	1998 01 28	910	ODAS
(22461)	1997 AB ₇	1997 01 09	411	Kobayashi, T.	(22513)	1998 BX ₃₂	1998 01 29	910	ODAS
(22462)	1997 AF ₇	1997 01 09	411	Kobayashi, T.	(22514)	1998 DN ₅	1998 02 22	566	JPL/GEODSS NEAT
(22463)	1997 AT ₁₃	1997 01 11	566	JPL/GEODSS NEAT	(22515)	1998 DJ ₁₅	1998 02 22	566	JPL/GEODSS NEAT
(22464)	1997 AG ₁₄	1997 01 04	327	Beijing Schmidt CCD Asteroid Program	(22516)	1998 DN ₂₈	1998 02 26	691	Spacewatch
(22465)	1997 AK ₁₈	1997 01 15	046	Kleť	(22517)	1998 DX ₃₂	1998 02 26	098	Tombelli, M., Forti, G.
(22466)	1997 BA ₃	1997 01 30	411	Kobayashi, T.	(22518)	1998 DG ₃₄	1998 02 27	809	Elst, E. W.
(22467)	1997 BC ₃	1997 01 30	411	Kobayashi, T.	(22519)	1998 EC ₂	1998 03 02	910	ODAS
(22468)	1997 CK ₁	1997 02 01	411	Kobayashi, T.	(22520)	1998 EL ₂	1998 03 02	910	ODAS
(22469)	1997 CP ₁	1997 02 02	118	Kolény, P., Kornoš, L.	(22521)	1998 ER ₂	1998 03 02	910	ODAS
(22470)	1997 CR ₂₁	1997 02 09	369	Sato, N.	(22522)	1998 EF ₆	1998 03 02	905	Shimizu, Y., Urata, T.
(22471)	1997 CR ₂₈	1997 02 02	327	Beijing Schmidt CCD Asteroid Program	(22523)	1998 EZ ₁₀	1998 03 01	809	Elst, E. W.
(22472)	1997 CT ₂₈	1997 02 06	327	Beijing Schmidt CCD Asteroid Program	(22524)	1998 FB ₆	1998 03 18	691	Spacewatch
(22473)	1997 EN ₄	1997 03 02	691	Spacewatch	(22525)	1998 FB ₁₂	1998 03 24	566	JPL/GEODSS NEAT
(22474)	1997 ED ₈	1997 03 08	684	Comba, P. G.	(22526)	1998 FV ₁₅	1998 03 22	620	Lopez, A., Pacheco, R.
(22475)	1997 EH ₁₃	1997 03 03	691	Spacewatch	(22527)	1998 FG ₂₀	1998 03 20	704	LINEAR
(22476)	1997 EM ₂₃	1997 03 08	327	Beijing Schmidt CCD Asteroid Program	(22528)	1998 FH ₃₄	1998 03 20	704	LINEAR
(22477)	1997 EU ₄₂	1997 03 10	704	LINEAR	(22529)	1998 FB ₄₀	1998 03 20	704	LINEAR
(22478)	1997 EM ₄₈	1997 03 11	809	Elst, E. W.	(22530)	1998 FY ₄₁	1998 03 20	704	LINEAR
(22479)	1997 FY ₁	1997 03 29	327	Beijing Schmidt CCD Asteroid Program	(22531)	1998 FN ₄₃	1998 03 20	704	LINEAR
(22480)	1997 GU ₃	1997 04 03	400	Endate, K., Watanabe, K.	(22532)	1998 FG ₄₅	1998 03 20	704	LINEAR
(22481)	1997 GM ₁₃	1997 04 03	704	LINEAR	(22533)	1998 FX ₄₇	1998 03 20	704	LINEAR
(22482)	1997 GK ₁₆	1997 04 03	704	LINEAR	(22534)	1998 FF ₅₇	1998 03 20	704	LINEAR
(22483)	1997 GX ₁₆	1997 04 03	704	LINEAR	(22535)	1998 FH ₆₀	1998 03 20	704	LINEAR
(22484)	1997 GX ₂₁	1997 04 06	704	LINEAR	(22536)	1998 FY ₆₁	1998 03 20	704	LINEAR
(22485)	1997 GS ₂₂	1997 04 06	704	LINEAR	(22537)	1998 FB ₆₂	1998 03 20	704	LINEAR
(22486)	1997 GZ ₂₂	1997 04 06	704	LINEAR	(22538)	1998 FS ₆₃	1998 03 20	704	LINEAR
(22487)	1997 GP ₂₃	1997 04 06	704	LINEAR	(22539)	1998 FT ₆₅	1998 03 20	704	LINEAR
(22488)	1997 GP ₂₄	1997 04 07	704	LINEAR	(22540)	1998 FZ ₆₇	1998 03 20	704	LINEAR
(22489)	1997 GR ₂₄	1997 04 07	360	Nakamura, A.	(22541)	1998 FC ₆₈	1998 03 20	704	LINEAR
(22490)	1997 GB ₂₆	1997 04 11	358	Okuni, T.	(22542)	1998 FG ₇₁	1998 03 20	704	LINEAR

(22543)	1998 FA ₇₅	1998 03 24	704	LINEAR	(22595)	1998 HD ₁₁₀	1998 04 23	704	LINEAR
(22544)	1998 FL ₇₅	1998 03 24	704	LINEAR	(22596)	1998 HB ₁₁₄	1998 04 23	704	LINEAR
(22545)	1998 FP ₇₇	1998 03 24	704	LINEAR	(22597)	1998 HM ₁₁₇	1998 04 23	704	LINEAR
(22546)	1998 FK ₇₈	1998 03 24	704	LINEAR	(22598)	1998 HO ₁₁₇	1998 04 23	704	LINEAR
(22547)	1998 FO ₇₈	1998 03 24	704	LINEAR	(22599)	1998 HR ₁₂₂	1998 04 23	704	LINEAR
(22548)	1998 FV ₉₀	1998 03 24	704	LINEAR	(22600)	1998 HH ₁₂₃	1998 04 23	704	LINEAR
(22549)	1998 FQ ₉₄	1998 03 24	704	LINEAR	(22601)	1998 HD ₁₂₄	1998 04 23	704	LINEAR
(22550)	1998 FK ₁₀₆	1998 03 31	704	LINEAR	(22602)	1998 HX ₁₂₄	1998 04 23	704	LINEAR
(22551)	1998 FU ₁₁₀	1998 03 31	704	LINEAR	(22603)	1998 HK ₁₃₃	1998 04 19	704	LINEAR
(22552)	1998 FN ₁₁₂	1998 03 31	704	LINEAR	(22604)	1998 HG ₁₃₈	1998 04 21	704	LINEAR
(22553)	1998 FS ₁₁₆	1998 03 31	704	LINEAR	(22605)	1998 HH ₁₄₇	1998 04 23	704	LINEAR
(22554)	1998 FC ₁₁₈	1998 03 31	704	LINEAR	(22606)	1998 HK ₁₄₈	1998 04 25	809	Elst, E. W.
(22555)	1998 FU ₁₁₈	1998 03 31	704	LINEAR	(22607)	1998 HD ₁₄₉	1998 04 25	809	Elst, E. W.
(22556)	1998 FU ₁₂₀	1998 03 20	704	LINEAR	(22608)	1998 JP ₁	1998 05 01	566	JPL/GEODSS NEAT
(22557)	1998 FF ₁₄₀	1998 03 29	704	LINEAR	(22609)	1998 JT ₁	1998 05 01	566	JPL/GEODSS NEAT
(22558)	1998 HH ₃	1998 04 22	118	Kolény, P., Kornoš, L.	(22610)	1998 JK ₄	1998 05 06	120	Višňan
(22559)	1998 HQ ₁₂	1998 04 19	691	Spacewatch	(22611)	1998 KB	1998 05 17	684	Comba, P. G.
(22560)	1998 HD ₁₇	1998 04 18	704	LINEAR	(22612)	1998 KT ₃	1998 05 22	699	LONEOS
(22561)	1998 HX ₁₈	1998 04 18	704	LINEAR	(22613)	1998 KP ₄	1998 05 22	699	LONEOS
(22562)	1998 HC ₁₉	1998 04 18	704	LINEAR	(22614)	1998 KA ₆	1998 05 24	691	Spacewatch
(22563)	1998 HQ ₁₉	1998 04 18	704	LINEAR	(22615)	1998 KB ₆	1998 05 24	691	Spacewatch
(22564)	1998 HP ₂₉	1998 04 20	704	LINEAR	(22616)	1998 KG ₇	1998 05 23	699	LONEOS
(22565)	1998 HF ₃₀	1998 04 20	704	LINEAR	(22617)	1998 KH ₇	1998 05 23	699	LONEOS
(22566)	1998 HY ₃₁	1998 04 20	704	LINEAR	(22618)	1998 KK ₉	1998 05 28	046	Kleť
(22567)	1998 HK ₃₃	1998 04 20	704	LINEAR	(22619)	1998 KJ ₁₀	1998 05 22	704	LINEAR
(22568)	1998 HR ₃₄	1998 04 20	704	LINEAR	(22620)	1998 KZ ₂₆	1998 05 23	426	Zoltowski, F. B.
(22569)	1998 HK ₃₆	1998 04 20	704	LINEAR	(22621)	1998 KO ₂₈	1998 05 22	704	LINEAR
(22570)	1998 HN ₃₈	1998 04 20	704	LINEAR	(22622)	1998 KV ₃₂	1998 05 22	704	LINEAR
(22571)	1998 HA ₃₉	1998 04 20	704	LINEAR	(22623)	1998 KR ₃₄	1998 05 22	704	LINEAR
(22572)	1998 HJ ₃₉	1998 04 20	704	LINEAR	(22624)	1998 KS ₃₄	1998 05 22	704	LINEAR
(22573)	1998 HY ₄₃	1998 04 20	704	LINEAR	(22625)	1998 KB ₃₆	1998 05 22	704	LINEAR
(22574)	1998 HW ₄₄	1998 04 20	704	LINEAR	(22626)	1998 KS ₃₇	1998 05 22	704	LINEAR
(22575)	1998 HC ₄₆	1998 04 20	704	LINEAR	(22627)	1998 KM ₃₉	1998 05 22	704	LINEAR
(22576)	1998 HN ₄₆	1998 04 20	704	LINEAR	(22628)	1998 KV ₃₉	1998 05 22	704	LINEAR
(22577)	1998 HT ₅₁	1998 04 30	699	LONEOS	(22629)	1998 KF ₄₀	1998 05 22	704	LINEAR
(22578)	1998 HE ₅₉	1998 04 21	704	LINEAR	(22630)	1998 KH ₄₅	1998 05 22	704	LINEAR
(22579)	1998 HO ₆₂	1998 04 21	704	LINEAR	(22631)	1998 KV ₄₇	1998 05 22	704	LINEAR
(22580)	1998 HB ₆₇	1998 04 21	704	LINEAR	(22632)	1998 KG ₆₄	1998 05 22	704	LINEAR
(22581)	1998 HH ₇₇	1998 04 21	704	LINEAR	(22633)	1998 KK ₆₄	1998 05 22	704	LINEAR
(22582)	1998 HD ₈₂	1998 04 21	704	LINEAR	(22634)	1998 MN ₇	1998 06 22	426	Zoltowski, F. B.
(22583)	1998 HL ₈₆	1998 04 21	704	LINEAR	(22635)	1998 MZ ₁₁	1998 06 19	704	LINEAR
(22584)	1998 HP ₈₈	1998 04 21	704	LINEAR	(22636)	1998 MV ₁₃	1998 06 25	426	Zoltowski, F. B.
(22585)	1998 HM ₉₂	1998 04 21	704	LINEAR	(22637)	1998 MR ₂₂	1998 06 24	704	LINEAR
(22586)	1998 HC ₉₆	1998 04 21	704	LINEAR	(22638)	1998 MS ₃₁	1998 06 24	704	LINEAR
(22587)	1998 HB ₉₉	1998 04 21	704	LINEAR	(22639)	1998 MP ₃₂	1998 06 24	704	LINEAR
(22588)	1998 HW ₉₉	1998 04 21	704	LINEAR	(22640)	1998 MJ ₃₄	1998 06 24	704	LINEAR
(22589)	1998 HY ₁₀₀	1998 04 21	704	LINEAR	(22641)	1998 MX ₃₄	1998 06 24	704	LINEAR
(22590)	1998 HJ ₁₀₂	1998 04 25	809	Elst, E. W.	(22642)	1998 NV	1998 07 15	691	Spacewatch
(22591)	1998 HO ₁₀₂	1998 04 25	809	Elst, E. W.	(22643)	1998 OB ₃	1998 07 20	910	ODAS
(22592)	1998 HD ₁₀₃	1998 04 25	809	Elst, E. W.	(22644)	1998 OZ ₄	1998 07 27	557	Pravec, P., Babiaková, U.
(22593)	1998 HH ₁₀₇	1998 04 23	704	LINEAR	(22645)	1998 OT ₆	1998 07 26	699	LONEOS
(22594)	1998 HT ₁₀₇	1998 04 23	704	LINEAR	(22646)	1998 OB ₈	1998 07 26	809	Elst, E. W.

(22647)	1998 OR ₈	1998 07 26	809	Elst, E. W.	(22699)	1998 RU ₂₂	1998 09 14	704	LINEAR
(22648)	1998 OG ₉	1998 07 26	809	Elst, E. W.	(22700)	1998 RP ₃₇	1998 09 14	704	LINEAR
(22649)	1998 OD ₁₂	1998 07 27	428	Broughton, J.	(22701)	1998 RO ₃₈	1998 09 14	704	LINEAR
(22650)	1998 OG ₁₂	1998 07 29	428	Broughton, J.	(22702)	1998 RO ₄₀	1998 09 14	704	LINEAR
(22651)	1998 QW	1998 08 19	566	JPL/GEODSS NEAT	(22703)	1998 RO ₄₄	1998 09 14	704	LINEAR
(22652)	1998 QV ₁	1998 08 19	566	JPL/GEODSS NEAT	(22704)	1998 RZ ₅₂	1998 09 14	704	LINEAR
(22653)	1998 QW ₂	1998 08 17	704	LINEAR	(22705)	1998 RF ₅₃	1998 09 14	704	LINEAR
(22654)	1998 QA ₅	1998 08 22	327	Beijing Schmidt CCD Asteroid Program	(22706)	1998 RT ₅₆	1998 09 14	704	LINEAR
(22655)	1998 QC ₇	1998 08 17	704	LINEAR	(22707)	1998 RN ₆₂	1998 09 14	704	LINEAR
(22656)	1998 QV ₇	1998 08 17	704	LINEAR	(22708)	1998 RK ₆₆	1998 09 14	704	LINEAR
(22657)	1998 QN ₈	1998 08 17	704	LINEAR	(22709)	1998 RR ₇₃	1998 09 14	704	LINEAR
(22658)	1998 QQ ₈	1998 08 17	704	LINEAR	(22710)	1998 RF ₇₅	1998 09 14	704	LINEAR
(22659)	1998 QW ₁₁	1998 08 17	704	LINEAR	(22711)	1998 RZ ₇₅	1998 09 14	704	LINEAR
(22660)	1998 QB ₁₆	1998 08 17	704	LINEAR	(22712)	1998 RF ₇₈	1998 09 14	704	LINEAR
(22661)	1998 QP ₁₇	1998 08 17	704	LINEAR	(22713)	1998 RK ₇₉	1998 09 14	704	LINEAR
(22662)	1998 QL ₁₈	1998 08 17	704	LINEAR	(22714)	1998 SR ₂	1998 09 18	703	CSS
(22663)	1998 QV ₁₉	1998 08 17	704	LINEAR	(22715)	1998 SQ ₆	1998 09 20	691	Spacewatch
(22664)	1998 QY ₂₂	1998 08 17	704	LINEAR	(22716)	1998 SV ₉	1998 09 16	120	Višnjan
(22665)	1998 QL ₂₃	1998 08 17	704	LINEAR	(22717)	1998 SF ₁₃	1998 09 21	910	ODAS
(22666)	1998 QE ₂₄	1998 08 17	704	LINEAR	(22718)	1998 SY ₁₅	1998 09 16	691	Spacewatch
(22667)	1998 QA ₂₆	1998 08 25	120	Višnjan	(22719)	1998 SH ₂₅	1998 09 22	699	LONEOS
(22668)	1998 QF ₂₆	1998 08 26	120	Višnjan	(22720)	1998 SF ₄₉	1998 09 24	120	Višnjan
(22669)	1998 QX ₃₂	1998 08 17	704	LINEAR	(22721)	1998 ST ₅₀	1998 09 26	691	Spacewatch
(22670)	1998 QO ₃₅	1998 08 17	704	LINEAR	(22722)	1998 SE ₅₄	1998 09 16	699	LONEOS
(22671)	1998 QL ₃₆	1998 08 17	704	LINEAR	(22723)	1998 SS ₅₈	1998 09 17	699	LONEOS
(22672)	1998 QV ₃₇	1998 08 17	704	LINEAR	(22724)	1998 SE ₅₉	1998 09 17	699	LONEOS
(22673)	1998 QR ₃₈	1998 08 17	704	LINEAR	(22725)	1998 SN ₆₂	1998 09 19	699	LONEOS
(22674)	1998 QF ₃₉	1998 08 17	704	LINEAR	(22726)	1998 SZ ₇₂	1998 09 21	809	Elst, E. W.
(22675)	1998 QZ ₃₉	1998 08 17	704	LINEAR	(22727)	1998 SV ₈₂	1998 09 26	704	LINEAR
(22676)	1998 QS ₄₁	1998 08 17	704	LINEAR	(22728)	1998 SH ₁₀₆	1998 09 26	704	LINEAR
(22677)	1998 QY ₄₁	1998 08 17	704	LINEAR	(22729)	1998 SV ₁₁₀	1998 09 26	704	LINEAR
(22678)	1998 QB ₄₂	1998 08 17	704	LINEAR	(22730)	1998 SY ₁₁₈	1998 09 26	704	LINEAR
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(22680)	1998 QB ₄₄	1998 08 17	704	LINEAR	(22732)	1998 SZ ₁₂₂	1998 09 26	704	LINEAR
(22681)	1998 QL ₄₄	1998 08 17	704	LINEAR	(22733)	1998 SN ₁₃₂	1998 09 26	704	LINEAR
(22682)	1998 QU ₄₇	1998 08 17	704	LINEAR	(22734)	1998 SQ ₁₃₃	1998 09 26	704	LINEAR
(22683)	1998 QB ₄₈	1998 08 17	704	LINEAR	(22735)	1998 SZ ₁₃₄	1998 09 26	704	LINEAR
(22684)	1998 QO ₅₀	1998 08 17	704	LINEAR	(22736)	1998 SM ₁₃₇	1998 09 26	704	LINEAR
(22685)	1998 QL ₅₁	1998 08 17	704	LINEAR	(22737)	1998 SY ₁₃₉	1998 09 26	704	LINEAR
(22686)	1998 QL ₅₃	1998 08 20	699	LONEOS	(22738)	1998 SL ₁₄₂	1998 09 26	704	LINEAR
(22687)	1998 QJ ₆₄	1998 08 24	704	LINEAR	(22739)	1998 SA ₁₄₄	1998 09 18	809	Elst, E. W.
(22688)	1998 QB ₇₇	1998 08 24	704	LINEAR	(22740)	1998 SX ₁₄₆	1998 09 20	809	Elst, E. W.
(22689)	1998 QQ ₈₄	1998 08 24	704	LINEAR	(22741)	1998 SQ ₁₅₄	1998 09 26	704	LINEAR
(22690)	1998 QU ₉₆	1998 08 19	704	LINEAR	(22742)	1998 TX ₅	1998 10 15	120	Korlević, K.
(22691)	1998 QD ₉₉	1998 08 26	809	Elst, E. W.	(22743)	1998 TD ₁₈	1998 10 13	327	Beijing Schmidt CCD Asteroid Program
(22692)	1998 QE ₉₉	1998 08 26	809	Elst, E. W.	(22744)	1998 TB ₃₄	1998 10 14	699	LONEOS
(22693)	1998 QF ₁₀₂	1998 08 26	809	Elst, E. W.	(22745)	1998 TN ₃₄	1998 10 14	699	LONEOS
(22694)	1998 QF ₁₀₄	1998 08 26	809	Elst, E. W.	(22746)	1998 UC ₇	1998 10 22	120	Korlević, K.
(22695)	1998 QQ ₁₀₄	1998 08 26	809	Elst, E. W.	(22747)	1998 UD ₇	1998 10 22	120	Korlević, K.
(22696)	1998 QT ₁₀₅	1998 08 25	809	Elst, E. W.	(22748)	1998 UW ₈	1998 10 17	327	Beijing Schmidt CCD Asteroid Program
(22697)	1998 RM	1998 09 07	557	Šarounová, L.	(22749)	1998 UF ₁₉	1998 10 27	120	Korlević, K.
(22698)	1998 RA ₅	1998 09 10	120	Višnjan	(22750)	1998 US ₂₀	1998 10 29	120	Korlević, K.

(22751)	1998	UA ₂₇	1998 10 18	809	Elst, E. W.	(22803)	1999	RV	1999 09 04	703	CSS
(22752)	1998	VS ₃₄	1998 11 15	104	Boattini, A., Tombelli, M.	(22804)	1999	RZ ₁	1999 09 06	120	Korlević, K.
(22753)	1998	WT	1998 11 16	704	LINEAR	(22805)	1999	RR ₂	1999 09 06	703	CSS
(22754)	1998	WJ ₈	1998 11 26	428	Broughton, J.	(22806)	1999	RZ ₃	1999 09 04	703	CSS
(22755)	1998	WO ₉	1998 11 28	120	Korlević, K.	(22807)	1999	RK ₇	1999 09 03	691	Spacewatch
(22756)	1998	WA ₁₀	1998 11 18	704	LINEAR	(22808)	1999	RU ₁₂	1999 09 07	704	LINEAR
(22757)	1998	WF ₁₁	1998 11 21	704	LINEAR	(22809)	1999	RL ₁₃	1999 09 07	704	LINEAR
(22758)	1998	WP ₁₈	1998 11 21	704	LINEAR	(22810)	1999	RQ ₁₄	1999 09 07	704	LINEAR
(22759)	1998	XA ₄	1998 12 11	411	Kobayashi, T.	(22811)	1999	RS ₁₅	1999 09 07	704	LINEAR
(22760)	1998	XR ₄	1998 12 12	411	Kobayashi, T.	(22812)	1999	RY ₁₅	1999 09 07	704	LINEAR
(22761)	1998	YH ₄	1998 12 16	426	Zoltowski, F. B.	(22813)	1999	RY ₁₇	1999 09 07	704	LINEAR
(22762)	1998	YM ₁₂	1998 12 27	888	Kagawa, T.	(22814)	1999	RJ ₁₈	1999 09 07	704	LINEAR
(22763)	1999	AW ₃	1999 01 10	411	Kobayashi, T.	(22815)	1999	RN ₁₈	1999 09 07	704	LINEAR
(22764)	1999	AX ₃	1999 01 10	411	Kobayashi, T.	(22816)	1999	RL ₂₁	1999 09 07	704	LINEAR
(22765)	1999	AR ₅	1999 01 12	411	Kobayashi, T.	(22817)	1999	RC ₂₃	1999 09 07	704	LINEAR
(22766)	1999	AE ₇	1999 01 09	120	Korlević, K.	(22818)	1999	RX ₂₅	1999 09 07	704	LINEAR
(22767)	1999	AL ₂₁	1999 01 14	120	Korlević, K.	(22819)	1999	RY ₂₆	1999 09 07	704	LINEAR
(22768)	1999	AU ₃₂	1999 01 15	691	Spacewatch	(22820)	1999	RM ₃₁	1999 09 09	120	Korlević, K.
(22769)	1999	BD ₄	1999 01 19	143	Sposetti, S.	(22821)	1999	RS ₃₃	1999 09 02	734	Bell, G., Hug, G.
(22770)	1999	BR ₁₄	1999 01 24	426	Zoltowski, F. B.	(22822)	1999	RT ₃₅	1999 09 12	120	Korlević, K.
(22771)	1999	CU ₃	1999 02 10	704	LINEAR	(22823)	1999	RN ₃₈	1999 09 13	120	Korlević, K.
(22772)	1999	CU ₁₇	1999 02 10	704	LINEAR	(22824)	1999	RP ₃₈	1999 09 12	557	Pravec, P., Kušnirák, P.
(22773)	1999	CV ₁₇	1999 02 10	704	LINEAR	(22825)	1999	RO ₃₉	1999 09 13	727	Stafford, T.
(22774)	1999	CA ₁₉	1999 02 10	704	LINEAR	(22826)	1999	RR ₄₂	1999 09 14	120	Korlević, K.
(22775)	1999	CV ₂₀	1999 02 10	704	LINEAR	(22827)	1999	RQ ₄₅	1999 09 08	012	Pauwels, T.
(22776)	1999	CS ₂₄	1999 02 10	704	LINEAR	(22828)	1999	RF ₅₀	1999 09 07	704	LINEAR
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(22778)	1999	CN ₆₃	1999 02 12	704	LINEAR	(22830)	1999	RW ₅₂	1999 09 07	704	LINEAR
(22779)	1999	FU ₂₄	1999 03 19	704	LINEAR	(22831)	1999	RF ₅₃	1999 09 07	704	LINEAR
(22780)	1999	FS ₃₇	1999 03 20	704	LINEAR	(22832)	1999	RM ₅₄	1999 09 07	704	LINEAR
(22781)	1999	GN ₄	1999 04 10	120	Korlević, K.	(22833)	1999	RR ₇₅	1999 09 07	704	LINEAR
(22782)	1999	GJ ₁₉	1999 04 15	704	LINEAR	(22834)	1999	RL ₇₆	1999 09 07	704	LINEAR
(22783)	1999	GT ₅₂	1999 04 11	699	LONEOS	(22835)	1999	RT ₈₈	1999 09 07	704	LINEAR
(22784)	1999	JM ₄₃	1999 05 10	704	LINEAR	(22836)	1999	RH ₈₉	1999 09 07	704	LINEAR
(22785)	1999	JP ₆₂	1999 05 10	704	LINEAR	(22837)	1999	RR ₉₀	1999 09 07	704	LINEAR
(22786)	1999	JY ₇₃	1999 05 12	704	LINEAR	(22838)	1999	RF ₉₁	1999 09 07	704	LINEAR
(22787)	1999	JL ₈₁	1999 05 14	704	LINEAR	(22839)	1999	RW ₉₂	1999 09 07	704	LINEAR
(22788)	1999	JA ₁₃₆	1999 05 15	699	LONEOS	(22840)	1999	RB ₉₈	1999 09 07	704	LINEAR
(22789)	1999	KA ₄	1999 05 18	691	Spacewatch	(22841)	1999	RK ₁₀₅	1999 09 08	704	LINEAR
(22790)	1999	KP ₄	1999 05 20	704	LINEAR	(22842)	1999	RC ₁₀₇	1999 09 08	704	LINEAR
(22791)	1999	LL ₇	1999 06 14	734	Bell, G., Hug, G.	(22843)	1999	RF ₁₀₇	1999 09 08	704	LINEAR
(22792)	1999	NU	1999 07 07	120	Korlević, K.	(22844)	1999	RU ₁₁₁	1999 09 09	704	LINEAR
(22793)	1999	NW ₁	1999 07 12	704	LINEAR	(22845)	1999	RA ₁₁₅	1999 09 09	704	LINEAR
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(22795)	1999	NX ₁₄	1999 07 14	704	LINEAR	(22847)	1999	RO ₁₂₁	1999 09 09	704	LINEAR
(22796)	1999	NH ₁₈	1999 07 14	704	LINEAR	(22848)	1999	RJ ₁₂₅	1999 09 09	704	LINEAR
(22797)	1999	NO ₁₈	1999 07 14	704	LINEAR	(22849)	1999	RZ ₁₂₅	1999 09 09	704	LINEAR
(22798)	1999	NU ₁₈	1999 07 14	704	LINEAR	(22850)	1999	RZ ₁₂₆	1999 09 09	704	LINEAR
(22799)	1999	NH ₂₁	1999 07 14	704	LINEAR	(22851)	1999	RX ₁₂₇	1999 09 09	704	LINEAR
(22800)	1999	NY ₂₂	1999 07 14	704	LINEAR	(22852)	1999	RN ₁₂₉	1999 09 09	704	LINEAR
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(22802)	1999	PK ₆	1999 08 13	699	LONEOS	(22854)	1999	RY ₁₃₁	1999 09 09	704	LINEAR

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(22856)	1999 RX ₁₄₂	1999 09 09	704	LINEAR	(22908)	1999 TK ₂₇	1999 10 03	704	LINEAR
(22857)	1999 RJ ₁₄₃	1999 09 09	704	LINEAR	(22909)	1999 TJ ₂₈	1999 10 04	704	LINEAR
(22858)	1999 RV ₁₄₃	1999 09 09	704	LINEAR	(22910)	1999 TM ₃₀	1999 10 04	704	LINEAR
(22859)	1999 RF ₁₄₆	1999 09 09	704	LINEAR	(22911)	1999 TX ₃₀	1999 10 04	704	LINEAR
(22860)	1999 RA ₁₄₉	1999 09 09	704	LINEAR	(22912)	1999 TF ₃₁	1999 10 04	704	LINEAR
(22861)	1999 RY ₁₄₉	1999 09 09	704	LINEAR	(22913)	1999 TO ₃₂	1999 10 04	704	LINEAR
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(22863)	1999 RJ ₁₅₂	1999 09 09	704	LINEAR	(22915)	1999 TA ₄₀	1999 10 03	703	CSS
(22864)	1999 RO ₁₆₁	1999 09 09	704	LINEAR	(22916)	1999 TX ₄₀	1999 10 05	703	CSS
(22865)	1999 RQ ₁₇₃	1999 09 09	704	LINEAR	(22917)	1999 TA ₇₇	1999 10 10	691	Spacewatch
(22866)	1999 RQ ₁₇₉	1999 09 09	704	LINEAR	(22918)	1999 TZ ₈₀	1999 10 11	691	Spacewatch
(22867)	1999 RZ ₁₈₄	1999 09 09	704	LINEAR	(22919)	1999 TR ₉₁	1999 10 02	704	LINEAR
(22868)	1999 RX ₁₈₇	1999 09 09	704	LINEAR	(22920)	1999 TF ₉₄	1999 10 02	704	LINEAR
(22869)	1999 RP ₁₉₀	1999 09 10	704	LINEAR	(22921)	1999 TG ₉₅	1999 10 02	704	LINEAR
(22870)	1999 RO ₁₉₃	1999 09 14	678	Juels, C. W.	(22922)	1999 TF ₉₇	1999 10 02	704	LINEAR
(22871)	1999 RX ₁₉₃	1999 09 07	704	LINEAR	(22923)	1999 TM ₉₇	1999 10 02	704	LINEAR
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(22882)	1999 RV ₂₃₀	1999 09 08	703	CSS	(22934)	1999 TN ₁₅₅	1999 10 07	704	LINEAR
(22883)	1999 RC ₂₃₁	1999 09 08	703	CSS	(22935)	1999 TO ₁₅₅	1999 10 07	704	LINEAR
(22884)	1999 RK ₂₃₆	1999 09 08	703	CSS	(22936)	1999 TR ₁₇₂	1999 10 10	704	LINEAR
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(22893)	1999 SD ₁₈	1999 09 30	704	LINEAR	(22945)	1999 TY ₂₁₆	1999 10 15	704	LINEAR
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(22895)	1999 TV ₅	1999 10 06	757	Chesney, D. K.	(22947)	1999 TW ₂₁₈	1999 10 15	704	LINEAR
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(22897)	1999 TH ₇	1999 10 06	120	Korlević, K., Jurić, M.	(22949)	1999 TH ₂₃₈	1999 10 04	703	CSS
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(22901)	1999 TY ₁₅	1999 10 12	557	Kušnirák, P., Pravec, P.	(22953)	1999 TW ₂₄₅	1999 10 07	703	CSS
(22902)	1999 TH ₁₇	1999 10 15	120	Korlević, K.	(22954)	1999 TU ₂₄₈	1999 10 08	703	CSS
(22903)	1999 TU ₁₈	1999 10 14	159	Donati, S.	(22955)	1999 TH ₂₅₁	1999 10 07	703	CSS
(22904)	1999 TL ₁₉	1999 10 09	365	Uto, F.	(22956)	1999 TK ₂₅₃	1999 10 09	704	LINEAR
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(22906)	1999 TQ ₂₅	1999 10 03	704	LINEAR	(22958)	1999 TC ₂₈₈	1999 10 10	704	LINEAR

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(22960)	1999 UE ₄	1999 10 27	120	Korlević, K.	(23012)	1999 VM ₁₆₆	1999 11 14	704	LINEAR
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(22968)	1999 VB ₅	1999 11 05	120	Korlević, K.	(23020)	1999 WY ₂	1999 11 27	120	Korlević, K.
(22969)	1999 VD ₆	1999 11 05	411	Kobayashi, T.	(23021)	1999 WR ₃	1999 11 28	411	Kobayashi, T.
(22970)	1999 VT ₈	1999 11 08	678	Juels, C. W.	(23022)	1999 WJ ₄	1999 11 28	411	Kobayashi, T.
(22971)	1999 VY ₈	1999 11 09	678	Juels, C. W.	(23023)	1999 WA ₇	1999 11 28	120	Korlević, K.
(22972)	1999 VR ₁₂	1999 11 11	678	Juels, C. W.	(23024)	1999 WM ₇	1999 11 28	120	Korlević, K.
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(22974)	1999 VN ₂₁	1999 11 12	120	Korlević, K.	(23026)	1999 WV ₉	1999 11 30	411	Kobayashi, T.
(22975)	1999 VR ₂₃	1999 11 14	678	Juels, C. W.	(23027)	1999 WV ₁₇	1999 11 30	691	Spacewatch
(22976)	1999 VY ₂₃	1999 11 13	365	Uto, F.	(23028)	1999 XV ₃	1999 12 04	703	CSS
(22977)	1999 VF ₂₄	1999 11 15	678	Juels, C. W.	(23029)	1999 XF ₄	1999 12 04	703	CSS
(22978)	1999 VO ₂₄	1999 11 14	174	Jyväskylä	(23030)	1999 XR ₇	1999 12 04	678	Juels, C. W.
(22979)	1999 VG ₂₅	1999 11 13	411	Kobayashi, T.	(23031)	1999 XX ₇	1999 12 03	704	LINEAR
(22980)	1999 VL ₂₇	1999 11 03	703	CSS	(23032)	1999 XB ₈	1999 12 03	428	Broughton, J.
(22981)	1999 VN ₃₀	1999 11 03	704	LINEAR	(23033)	1999 XU ₁₀	1999 12 05	703	CSS
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(22983)	1999 VY ₃₄	1999 11 03	704	LINEAR	(23035)	1999 XS ₁₇	1999 12 02	704	LINEAR
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(23067)	1999 XX ₅₄	1999 12 07	704	LINEAR	(23119)	2000 AP ₃₃	2000 01 03	704	LINEAR
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(23071)	1999 XH ₆₅	1999 12 07	704	LINEAR	(23123)	2000 AU ₅₇	2000 01 04	704	LINEAR
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(23073)	1999 XT ₇₅	1999 12 07	704	LINEAR	(23125)	2000 AK ₉₄	2000 01 04	704	LINEAR
(23074)	1999 XJ ₇₈	1999 12 07	704	LINEAR	(23126)	2000 AK ₉₅	2000 01 04	704	LINEAR
(23075)	1999 XV ₈₃	1999 12 07	704	LINEAR	(23127)	2000 AV ₉₇	2000 01 04	704	LINEAR
(23076)	1999 XP ₉₃	1999 12 07	704	LINEAR	(23128)	2000 AQ ₉₈	2000 01 05	704	LINEAR
(23077)	1999 XZ ₉₃	1999 12 07	704	LINEAR	(23129)	2000 AO ₁₀₀	2000 01 05	704	LINEAR
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(23095)	1999 XP ₁₄₄	1999 12 15	385	Urata, T.	(23147)	2000 AQ ₂₂₈	2000 01 05	704	LINEAR
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(23098)	1999 XH ₁₅₈	1999 12 08	704	LINEAR	(23150)	2000 AG ₂₄₄	2000 01 08	704	LINEAR
(23099)	1999 XA ₁₆₀	1999 12 08	704	LINEAR	(23151)	2000 BH ₂₇	2000 01 30	704	LINEAR
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(23101)	1999 XP ₁₆₄	1999 12 08	704	LINEAR	(23153)	2000 CH ₄₆	2000 02 02	704	LINEAR
(23102)	1999 XA ₁₆₈	1999 12 10	704	LINEAR	(23154)	2000 CL ₅₈	2000 02 05	704	LINEAR
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(23105)	1999 XN ₁₈₄	1999 12 12	704	LINEAR	(23157)	2000 DH ₁₉	2000 02 29	704	LINEAR
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(23108)	1999 YP ₉	1999 12 31	411	Kobayashi, T.	(23160)	2000 EN ₂₀₁	2000 03 13	704	LINEAR
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(23110)	2000 AE	2000 01 02	678	Juels, C. W.	(23162)	2000 FX ₄₈	2000 03 30	704	LINEAR
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(23178)	2000	KJ ₂₁	2000 05 28	704	LINEAR	(23230)	2000	WM ₅₉	2000 11 21	704	LINEAR
(23179)	2000	KF ₂₈	2000 05 28	704	LINEAR	(23231)	2000	WT ₅₉	2000 11 21	704	LINEAR
(23180)	2000	KH ₅₇	2000 05 28	699	LONEOS	(23232)	2000	WU ₅₉	2000 11 21	704	LINEAR
(23181)	2000	LP ₂₀	2000 06 08	704	LINEAR	(23233)	2000	WM ₇₂	2000 11 19	704	LINEAR
(23182)	2000	OV ₁₂	2000 07 23	704	LINEAR	(23234)	2000	WO ₈₈	2000 11 20	704	LINEAR
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(23187)	2000	PN ₉	2000 08 08	704	LINEAR	(23239)	2000	WR ₁₁₆	2000 11 20	704	LINEAR
(23188)	2000	PJ ₂₀	2000 08 01	704	LINEAR	(23240)	2000	WG ₁₁₈	2000 11 20	704	LINEAR
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(23190)	2000	QP ₂₉	2000 08 24	704	LINEAR	(23242)	2000	WY ₁₄₀	2000 11 21	704	LINEAR
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(23193)	2000	QK ₁₈₁	2000 08 31	704	LINEAR	(23245)	2000	WP ₁₆₈	2000 11 25	699	LONEOS
(23194)	2000	RF ₁	2000 09 01	704	LINEAR	(23246)	2000	WY ₁₆₈	2000 11 25	699	LONEOS
(23195)	2000	RA ₅₈	2000 09 07	691	Spacewatch	(23247)	2000	WG ₁₇₄	2000 11 26	704	LINEAR
(23196)	2000	RY ₅₉	2000 09 05	120	Korlević, K.	(23248)	2000	WW ₁₇₈	2000 11 25	704	LINEAR
(23197)	2000	RA ₆₂	2000 09 01	704	LINEAR	(23249)	2000	WJ ₁₇₉	2000 11 26	704	LINEAR
(23198)	2000	RL ₆₈	2000 09 02	704	LINEAR	(23250)	2000	WQ ₁₈₁	2000 11 22	608	JPL/GEODSS NEAT
(23199)	2000	RB ₉₂	2000 09 03	704	LINEAR	(23251)	2000	XL ₆	2000 12 01	704	LINEAR
(23200)	2000	SH ₃	2000 09 20	704	LINEAR	(23252)	2000	XO ₇	2000 12 01	704	LINEAR
(23201)	2000	SJ ₄₂	2000 09 27	727	Stafford, T.	(23253)	2000	YY ₁₂	2000 12 19	608	JPL/GEODSS NEAT
(23202)	2000	SU ₄₉	2000 09 23	704	LINEAR	(23254)	2000	YZ ₁₅	2000 12 22	699	LONEOS
(23203)	2000	SU ₁₆₁	2000 09 20	608	JPL/GEODSS NEAT	(23255)	2000	YD ₁₇	2000 12 22	704	LINEAR
(23204)	2000	SN ₁₇₂	2000 09 27	704	LINEAR	(23256)	2000	YK ₁₇	2000 12 28	678	Juels, C. W.
(23205)	2000	SL ₂₂₂	2000 09 26	704	LINEAR	(23257)	2000	YW ₂₁	2000 12 29	919	Yeung, W. K.
(23206)	2000	SL ₂₂₅	2000 09 27	704	LINEAR	(23258)	2000	YY ₂₁	2000 12 29	919	Yeung, W. K.
(23207)	2000	SL ₂₇₉	2000 09 30	704	LINEAR	(23259)	2000	YX ₂₉	2000 12 29	300	BATTeRS
(23208)	2000	SO ₂₇₉	2000 09 25	704	LINEAR	(23260)	2000	YA ₃₄	2000 12 28	704	LINEAR
(23209)	2000	SX ₂₇₉	2000 09 25	704	LINEAR	(23261)	2000	YQ ₄₄	2000 12 30	704	LINEAR
(23210)	2000	SA ₂₉₃	2000 09 27	704	LINEAR	(23262)	2000	YW ₄₄	2000 12 30	704	LINEAR
(23211)	2000	SC ₃₁₁	2000 09 26	704	LINEAR	(23263)	2000	YE ₄₆	2000 12 30	704	LINEAR
(23212)	2000	UR ₃₉	2000 10 24	704	LINEAR	(23264)	2000	YC ₅₀	2000 12 30	704	LINEAR
(23213)	2000	US ₇₀	2000 10 25	704	LINEAR	(23265)	2000	YO ₅₀	2000 12 30	704	LINEAR
(23214)	2000	UQ ₇₃	2000 10 26	704	LINEAR	(23266)	2000	YP ₅₀	2000 12 30	704	LINEAR
(23215)	2000	UV ₇₅	2000 10 31	704	LINEAR	(23267)	2000	YJ ₅₄	2000 12 30	704	LINEAR
(23216)	2000	UX ₇₉	2000 10 24	704	LINEAR	(23268)	2000	YD ₅₅	2000 12 30	704	LINEAR
(23217)	2000	UV ₁₀₄	2000 10 25	704	LINEAR	(23269)	2000	YH ₆₂	2000 12 30	704	LINEAR
(23218)	2000	VN ₂₃	2000 11 01	704	LINEAR	(23270)	2000	YN ₆₂	2000 12 30	704	LINEAR

(23271)	2000 YO ₆₇	2000 12 28	704	LINEAR	(23323)	2001 BJ ₂₅	2001 01 20	704	LINEAR
(23272)	2000 YR ₆₇	2000 12 28	704	LINEAR	(23324)	2001 BW ₂₅	2001 01 20	704	LINEAR
(23273)	2000 YM ₇₅	2000 12 30	704	LINEAR	(23325)	2001 BK ₃₀	2001 01 20	704	LINEAR
(23274)	2000 YK ₉₁	2000 12 30	704	LINEAR	(23326)	2001 BL ₃₀	2001 01 20	704	LINEAR
(23275)	2000 YP ₁₀₁	2000 12 28	704	LINEAR	(23327)	2001 BE ₃₁	2001 01 20	704	LINEAR
(23276)	2000 YT ₁₀₁	2000 12 28	704	LINEAR	(23328)	2001 BM ₃₄	2001 01 20	704	LINEAR
(23277)	2000 YC ₁₀₄	2000 12 28	704	LINEAR	(23329)	2001 BP ₄₂	2001 01 19	704	LINEAR
(23278)	2000 YD ₁₀₅	2000 12 28	704	LINEAR	(23330)	2001 BP ₄₃	2001 01 19	704	LINEAR
(23279)	2000 YY ₁₁₅	2000 12 30	704	LINEAR	(23331)	2001 BY ₄₃	2001 01 19	704	LINEAR
(23280)	2000 YT ₁₁₆	2000 12 30	704	LINEAR	(23332)	2001 BP ₅₄	2001 01 18	691	Spacewatch
(23281)	2000 YY ₁₁₆	2000 12 30	704	LINEAR	(23333)	2059 P-L	1960 09 24	675	van Houten & Gehrels
(23282)	2000 YZ ₁₁₆	2000 12 30	704	LINEAR	(23334)	2508 P-L	1960 09 24	675	van Houten & Gehrels
(23283)	2000 YP ₁₁₇	2000 12 30	704	LINEAR	(23335)	2542 P-L	1960 09 24	675	van Houten & Gehrels
(23284)	2000 YD ₁₁₈	2000 12 30	704	LINEAR	(23336)	2579 P-L	1960 09 24	675	van Houten & Gehrels
(23285)	2000 YH ₁₁₉	2000 12 29	699	LONEOS	(23337)	2613 P-L	1960 09 24	675	van Houten & Gehrels
(23286)	2000 YH ₁₂₀	2000 12 19	704	LINEAR	(23338)	2809 P-L	1960 09 24	675	van Houten & Gehrels
(23287)	2000 YL ₁₂₀	2000 12 19	704	LINEAR	(23339)	3025 P-L	1960 09 24	675	van Houten & Gehrels
(23288)	2000 YG ₁₂₃	2000 12 28	704	LINEAR	(23340)	3092 P-L	1960 09 24	675	van Houten & Gehrels
(23289)	2000 YQ ₁₂₆	2000 12 29	699	LONEOS	(23341)	3503 P-L	1960 10 17	675	van Houten & Gehrels
(23290)	2000 YQ ₁₂₇	2000 12 29	608	JPL/GEODSS NEAT	(23342)	4086 P-L	1960 09 24	675	van Houten & Gehrels
(23291)	2000 YB ₁₂₈	2000 12 29	608	JPL/GEODSS NEAT	(23343)	4238 P-L	1960 09 24	675	van Houten & Gehrels
(23292)	2000 YH ₁₂₈	2000 12 29	608	JPL/GEODSS NEAT	(23344)	4612 P-L	1960 09 24	675	van Houten & Gehrels
(23293)	2000 YS ₁₃₁	2000 12 30	704	LINEAR	(23345)	4619 P-L	1960 09 24	675	van Houten & Gehrels
(23294)	2000 YJ ₁₃₇	2000 12 23	699	LONEOS	(23346)	4695 P-L	1960 09 24	675	van Houten & Gehrels
(23295)	2000 YK ₁₃₇	2000 12 23	704	LINEAR	(23347)	5567 P-L	1960 10 17	675	van Houten & Gehrels
(23296)	2001 AR ₃	2001 01 02	704	LINEAR	(23348)	6046 P-L	1960 09 24	675	van Houten & Gehrels
(23297)	2001 AX ₃	2001 01 02	704	LINEAR	(23349)	6741 P-L	1960 09 24	675	van Houten & Gehrels
(23298)	2001 AA ₅	2001 01 02	704	LINEAR	(23350)	6779 P-L	1960 09 24	675	van Houten & Gehrels
(23299)	2001 AP ₉	2001 01 02	704	LINEAR	(23351)	6818 P-L	1960 09 24	675	van Houten & Gehrels
(23300)	2001 AE ₁₆	2001 01 02	704	LINEAR	(23352)	7585 P-L	1960 10 17	675	van Houten & Gehrels
(23301)	2001 AO ₁₆	2001 01 02	704	LINEAR	(23353)	9518 P-L	1960 10 17	675	van Houten & Gehrels
(23302)	2001 AB ₁₇	2001 01 02	704	LINEAR	(23354)	9547 P-L	1960 10 17	675	van Houten & Gehrels
(23303)	2001 AD ₁₇	2001 01 02	704	LINEAR	(23355)	9602 P-L	1960 10 17	675	van Houten & Gehrels
(23304)	2001 AN ₁₇	2001 01 02	704	LINEAR	(23356)	1194 T-1	1971 03 25	675	van Houten & Gehrels
(23305)	2001 AH ₁₈	2001 01 02	704	LINEAR	(23357)	1285 T-1	1971 03 25	675	van Houten & Gehrels
(23306)	2001 AC ₂₀	2001 01 02	704	LINEAR	(23358)	2194 T-1	1971 03 25	675	van Houten & Gehrels
(23307)	2001 AG ₂₀	2001 01 02	704	LINEAR	(23359)	2301 T-1	1971 03 25	675	van Houten & Gehrels
(23308)	2001 AS ₂₁	2001 01 03	704	LINEAR	(23360)	3101 T-1	1971 03 26	675	van Houten & Gehrels
(23309)	2001 AX ₂₂	2001 01 03	704	LINEAR	(23361)	3243 T-1	1971 03 26	675	van Houten & Gehrels
(23310)	2001 AA ₂₅	2001 01 04	704	LINEAR	(23362)	3248 T-1	1971 03 26	675	van Houten & Gehrels
(23311)	2001 AM ₂₉	2001 01 04	704	LINEAR	(23363)	3770 T-1	1971 05 13	675	van Houten & Gehrels
(23312)	2001 AV ₄₁	2001 01 03	704	LINEAR	(23364)	4060 T-1	1971 03 26	675	van Houten & Gehrels
(23313)	2001 AC ₄₂	2001 01 03	704	LINEAR	(23365)	4217 T-1	1971 03 26	675	van Houten & Gehrels
(23314)	2001 AU ₄₄	2001 01 15	411	Kobayashi, T.	(23366)	1043 T-2	1973 09 29	675	van Houten & Gehrels
(23315)	2001 BN ₈	2001 01 19	704	LINEAR	(23367)	1173 T-2	1973 09 29	675	van Houten & Gehrels
(23316)	2001 BZ ₈	2001 01 19	704	LINEAR	(23368)	1196 T-2	1973 09 29	675	van Houten & Gehrels
(23317)	2001 BP ₁₃	2001 01 21	704	LINEAR	(23369)	1295 T-2	1973 09 29	675	van Houten & Gehrels
(23318)	2001 BT ₁₃	2001 01 20	946	Nomen, J.	(23370)	1329 T-2	1973 09 29	675	van Houten & Gehrels
(23319)	2001 BR ₁₄	2001 01 21	411	Kobayashi, T.	(23371)	1364 T-2	1973 09 29	675	van Houten & Gehrels
(23320)	2001 BP ₁₅	2001 01 21	411	Kobayashi, T.	(23372)	1405 T-2	1973 09 29	675	van Houten & Gehrels
(23321)	2001 BY ₁₆	2001 01 18	704	LINEAR	(23373)	2133 T-2	1973 09 29	675	van Houten & Gehrels
(23322)	2001 BW ₂₄	2001 01 20	704	LINEAR	(23374)	2207 T-2	1973 09 29	675	van Houten & Gehrels

(23375)	2234 T-2	1973 09 29	675	van Houten & Gehrels	(22272)	17.7	357.32602	346.45255	190.17462	0.97098	0.0945560	2.2362776	9946
(23376)	2239 T-2	1973 09 29	675	van Houten & Gehrels	(22273)	15.8	218.39184	202.10441	114.52556	2.33380	0.1750862	2.3144801	9946
(23377)	3035 T-2	1973 09 30	675	van Houten & Gehrels	(22274)	13.9	132.84655	29.45398	298.84595	6.30807	0.1489239	2.3836096	9946
(23378)	3043 T-2	1973 09 30	675	van Houten & Gehrels	(22275)	13.4	76.17738	351.28536	101.90268	27.18389	0.2018810	2.3983823	9947
(23379)	3159 T-2	1973 09 30	675	van Houten & Gehrels	(22276)	14.5	145.16721	343.75505	9.35402	7.88175	0.3411674	2.6206130	9947
(23380)	3197 T-2	1973 09 30	675	van Houten & Gehrels	(22277)	13.6	183.66249	289.93473	61.12475	13.04966	0.1729700	2.5992438	9947
(23381)	3363 T-2	1973 09 25	675	van Houten & Gehrels	(22278)	13.8	71.05520	60.20579	329.98623	11.69085	0.1866867	2.5576553	9947
(23382)	4536 T-2	1973 09 30	675	van Houten & Gehrels	(22279)	12.6	332.48517	239.31443	322.52593	13.76932	0.2352236	3.1508158	9948
(23383)	5146 T-2	1973 09 25	675	van Houten & Gehrels	(22280)	14.0	329.97834	284.72726	281.16578	0.56401	0.1943998	3.0412132	9948
(23384)	5163 T-2	1973 09 25	675	van Houten & Gehrels	(22281)	13.9	280.64863	86.72744	184.72361	3.22492	0.1113160	2.2414188	9949
(23385)	5168 T-2	1973 09 25	675	van Houten & Gehrels	(22282)	13.2	140.26935	110.11370	276.25400	7.72585	0.1749425	2.7335661	9949
(23386)	5179 T-2	1973 09 25	675	van Houten & Gehrels	(22283)	15.0	176.30944	195.33533	146.17299	7.97738	0.2473319	2.1881810	9949
(23387)	1039 T-3	1977 10 17	675	van Houten & Gehrels	(22284)	14.5	159.47249	1.61421	9.25997	13.86704	0.2011032	2.6051171	9950
(23388)	1168 T-3	1977 10 17	675	van Houten & Gehrels	(22285)	13.2	157.12202	208.78262	156.60745	12.88028	0.1876903	3.1052932	9950
(23389)	1181 T-3	1977 10 17	675	van Houten & Gehrels	(22286)	14.1	79.89909	263.95028	195.05431	8.30493	0.1251787	2.5758334	9951
(23390)	1186 T-3	1977 10 17	675	van Houten & Gehrels	(22287)	14.7	86.50402	195.39791	203.73300	0.38444	0.1812949	3.0731818	9951
(23391)	2065 T-3	1977 10 16	675	van Houten & Gehrels	(22288)	13.0	101.55891	38.37982	26.48123	15.60876	0.2700654	3.0450390	9951
(23392)	2416 T-3	1977 10 16	675	van Houten & Gehrels	(22289)	12.2	128.45552	301.16831	73.14679	19.35015	0.2382497	3.1093543	9952
(23393)	3283 T-3	1977 10 16	675	van Houten & Gehrels	(22290)	14.4	72.80836	321.28308	115.42616	15.45595	0.2400918	2.4775449	9952
(23394)	4340 T-3	1977 10 16	675	van Houten & Gehrels	(22291)	12.8	114.95366	280.15770	139.96788	17.74152	0.1284639	3.1842401	9952
(23395)	5018 T-3	1977 10 16	675	van Houten & Gehrels	(22292)	14.6	118.03038	237.92621	135.74384	3.54086	0.1693103	2.9001616	9953
(23396)	5112 T-3	1977 10 16	675	van Houten & Gehrels	(22293)	14.9	105.86477	228.43951	167.91558	4.48862	0.1625150	2.2828945	9953
(23397)	5122 T-3	1977 10 16	675	van Houten & Gehrels	(22294)	14.7	110.30966	96.59017	295.49707	3.80704	0.2023208	2.2816496	9953
(23398)	5124 T-3	1977 10 16	675	van Houten & Gehrels	(22295)	13.1	175.34432	214.33788	2.58676	12.29634	0.1616550	2.3806645	9954
(23399)	5132 T-3	1977 10 16	675	van Houten & Gehrels	(22296)	15.7	93.76423	348.07913	53.44030	6.85702	0.1554248	2.2921422	9954

Orbital elements for the newly-numbered objects listed above at the current 200-day standard epoch (2001 Apr. 1.0 TT):

Object	<i>H</i>	<i>M</i>	ω	Ω	<i>i</i>	<i>e</i>	<i>a</i>	<i>MPO</i>
(22249)	15.3	84.03693	148.41494	187.17743	3.85155	0.2470766	2.3004186	9939
(22250)	14.3	146.83647	328.75373	34.48414	4.76506	0.2306627	2.5853471	9939
(22251)	15.7	247.67777	111.13407	165.58355	5.92459	0.1715545	2.2782584	9940
(22252)	14.5	251.52596	308.30100	346.04901	7.50410	0.2398964	2.2580290	9940
(22253)	13.2	227.72480	290.35608	1.98503	15.26876	0.1824711	2.5694672	9940
(22254)	14.6	115.49336	279.63806	73.20145	3.38282	0.2625599	2.3396751	9940
(22255)	15.0	175.49831	269.38961	66.05225	4.27259	0.1477144	2.3301073	9941
(22256)	15.7	190.83694	83.48191	237.49293	6.36915	0.1355294	2.3321149	9941
(22257)	15.1	96.48358	275.50308	80.43905	4.73922	0.2375539	2.6656441	9941
(22258)	14.1	36.17075	126.77918	118.74739	14.46556	0.1734323	2.6623698	9942
(22259)	14.3	299.01396	138.18446	116.89786	10.03912	0.1133776	2.7584567	9942
(22260)	14.1	22.97772	346.43786	13.91543	6.13765	0.1489845	2.6436787	9942
(22261)	13.5	49.83379	341.45136	120.91598	18.06300	0.1981410	2.5878482	9942
(22262)	13.2	336.65520	224.80417	356.02016	23.67327	0.2353706	2.3416753	9943
(22263)	14.4	109.82157	240.77269	170.74126	11.03006	0.2649318	2.4289734	9943
(22264)	14.5	243.19051	2.76050	294.13007	3.54725	0.1501266	2.5330431	9943
(22265)	15.6	282.17367	316.08072	320.10263	2.90602	0.1587980	2.2325433	9944
(22266)	15.9	134.99824	101.29601	262.69752	4.43155	0.1258829	2.2598395	9944
(22267)	15.5	164.09498	356.45629	6.41266	6.23264	0.1980358	2.2388823	9944
(22268)	15.0	9.84695	297.79446	35.17784	1.55883	0.1279369	2.1321636	9944
(22269)	14.7	114.85998	73.59643	354.23075	5.39610	0.0837343	2.2263840	9945
(22270)	14.3	173.02486	316.78555	1.64685	12.65532	0.2652950	2.5891030	9945
(22271)	14.4	56.15132	253.93598	191.77662	10.01323	0.0491323	2.9663315	9946
(22272)	17.7	357.32602	346.45255	190.17462	0.97098	0.0945560	2.2362776	9946
(22273)	15.8	218.39184	202.10441	114.52556	2.33380	0.1750862	2.3144801	9946
(22274)	13.9	132.84655	29.45398	298.84595	6.30807	0.1489239	2.3836096	9946
(22275)	13.4	76.17738	351.28536	101.90268	27.18389	0.2018810	2.3983823	9947
(22276)	14.5	145.16721	343.75505	9.35402	7.88175	0.3411674	2.6206130	9947
(22277)	13.6	183.66249	289.93473	61.12475	13.04966	0.1729700	2.5992438	9947
(22278)	13.8	71.05520	60.20579	329.98623	11.69085	0.1866867	2.5576553	9947
(22279)	12.6	332.48517	239.31443	322.52593	13.76932	0.2352236	3.1508158	9948
(22280)	14.0	329.97834	284.72726	281.16578	0.56401	0.1943998	3.0412132	9948
(22281)	13.9	280.64863	86.72744	184.72361	3.22492	0.1113160	2.2414188	9949
(22282)	13.2	140.26935	110.11370	276.25400	7.72585	0.1749425	2.7335661	9949
(22283)	15.0	176.30944	195.33533	146.17299	7.97738	0.2473319	2.1881810	9949
(22284)	14.5	159.47249	1.61421	9.25997	13.86704	0.2011032	2.6051171	9950
(22285)	13.2	157.12202	208.78262	156.60745	12.88028	0.1876903	3.1052932	9950
(22286)	14.1	79.89909	263.95028	195.05431	8.30493	0.1251787	2.5758334	9951
(22287)	14.7	86.50402	195.39791	203.73300	0.38444	0.1812949	3.0731818	9951
(22288)	13.0	101.55891	38.37982	26.48123	15.60876	0.2700654	3.0450390	9951
(22289)	12.2	128.45552	301.16831	73.14679	19.35015	0.2382497	3.1093543	9952
(22290)	14.4	72.80836	321.28308	115.42616	15.45595	0.2400918	2.4775449	9952
(22291)	12.8	114.95366	280.15770	139.96788	17.74152	0.1284639	3.1842401	9952
(22292)	14.6	118.03038	237.92621	135.74384	3.54086	0.1693103	2.9001616	9953
(22293)	14.9	105.86477	228.43951	167.91558	4.48862	0.1625150	2.2828945	9953
(22294)	14.7	110.30966	96.59017	295.49707	3.80704	0.2023208	2.2816496	9953
(22295)	13.1	175.34432	214.33788	2.58676	12.29634	0.1616550	2.3806645	9954
(22296)	15.7	93.76423	348.07913	53.44030	6.85702	0.1554248	2.2921422	9954
(22297)	13.9	66.15165	60.27744	69.72904	9.88076	0.0632907	2.2551767	9954
(22298)	12.5	344.17314	213.44550	345.75172	8.84895	0.1551988	3.1048323	9955
(22299)	13.5	135.59675	309.65349	359.24633	11.41468	0.0631785	2.5361796	9955
(22300)	13.4	202.36584	188.68603	154.69988	14.11686	0.2021491	2.5490930	9955
(22301)	13.8	34.28757	37.79160	231.64352	8.63030	0.2120806	2.3283482	9956
(22302)	13.7	120.57626	84.15328	266.82904	11.06090	0.2855917	2.6952968	9956
(22303)	14.2	196.20849	181.11200	157.41912	14.34461	0.2818979	2.5855635	9956
(22304)	14.0	224.13403	154.33352	150.48793	10.99522	0.1783447	2.5630725	9956
(22305)	14.8	33.53388	189.84331	149.68164	7.44540	0.2016655	2.2883055	9957
(22306)	13.5	262.39382	55.88054	230.44659	10.60073	0.2230337	2.5436315	9957
(22307)	14.9	354.43270	327.41538	34.64589	4.08579	0.1917310	2.3026285	9957
(22308)	14.0	152.81549	133.41252	188.71436	12.07757	0.1439688	2.7724372	9957
(22309)	15.3	69.20615	334.22041	116.76894	7.77131	0.1199350	2.7596369	9958
(22310)	14.7	102.68052	193.49039	183.33745	8.44795	0.2336860	2.7930499	9958
(22311)	14.2	5.15966	18.81768	175.91180	5.42302	0.0562953	2.1967023	9958
(22312)	14.6	341.28764	335.57168	219.56476	24.55495	0.1926015	2.2721783	9959
(22313)	13.5	258.21813	60.03585	214.28369	2.35884	0.2124030	3.0548297	9959
(22314)	14.9	242.06397	270.04890	32.32137	5.64041	0.1731013	2.2757542	9960
(22315)	16.1	307.60513	20.90631	201.34969	4.17033	0.1354819	2.2774612	9960
(22316)	15.9	303.40955	16					

(22324)	14.4	217.54256	4.19664	314.79791	1.66368	0.2232603	2.4193023	9962	(22376)	13.5	207.06114	211.60622	105.95126	6.99596	0.0564826	3.0588793	9979
(22325)	14.3	220.49967	6.86508	327.49594	6.14648	0.1357007	2.3959893	9963	(22377)	13.5	204.22493	234.35959	97.88105	6.17024	0.1134922	3.0059292	9979
(22326)	14.6	230.18577	261.62758	52.94668	7.23610	0.1510538	2.3974336	9963	(22378)	15.8	266.68200	234.50410	45.40052	3.13855	0.2084004	2.2520670	9979
(22327)	14.4	232.48877	192.43162	130.52579	6.33957	0.1061479	2.4148237	9963	(22379)	15.5	301.78921	54.55655	181.52083	3.57402	0.1120896	2.2867158	9979
(22328)	14.9	109.61581	275.40356	107.86260	2.42965	0.3157030	2.5661266	9963	(22380)	14.9	118.65546	322.90393	71.17638	2.89071	0.1641713	2.2963181	9980
(22329)	14.8	139.91962	204.88515	155.15085	6.79029	0.0713348	2.5828132	9964	(22381)	14.9	304.64021	243.50940	14.19889	3.68756	0.1941002	2.2750034	9980
(22330)	14.6	116.56663	165.33655	197.03509	11.12935	0.1926503	2.6077940	9964	(22382)	15.9	272.64766	182.35021	63.36855	3.24744	0.1785546	2.3719607	9980
(22331)	13.6	94.23473	156.50723	272.37324	11.59943	0.2707594	2.6150836	9965	(22383)	16.1	312.21309	1.75714	210.27424	2.38339	0.1564256	2.3213292	9981
(22332)	14.4	163.91004	90.64000	253.77737	4.85051	0.1051433	2.7600910	9965	(22384)	15.0	218.98409	222.27459	97.16667	5.96271	0.1525127	2.3097627	9981
(22333)	15.8	69.14551	117.84827	278.39519	2.70924	0.1503421	2.1432729	9965	(22385)	14.4	18.16873	321.04896	181.16565	23.19740	0.2875754	2.3253852	9981
(22334)	14.4	100.73588	302.88629	113.23169	7.04536	0.2140982	2.6941736	9966	(22386)	14.8	204.40742	135.38729	173.30126	5.22499	0.0246829	2.6946123	9982
(22335)	13.9	327.73866	26.71779	182.18087	12.16977	0.0315513	2.7041258	9966	(22387)	15.3	264.62776	306.22031	328.24758	6.22477	0.1786354	2.5604171	9982
(22336)	15.3	81.15745	287.07610	120.48370	5.37782	0.0679474	2.7901943	9966	(22388)	14.9	303.80583	81.27030	159.97417	13.43921	0.1415725	2.5478626	9982
(22337)	14.4	102.56592	193.90785	209.35426	3.43105	0.1097068	2.7563812	9966	(22389)	14.8	92.89171	250.18415	168.32410	5.32057	0.0193024	2.7247659	9982
(22338)	13.6	270.65244	136.40864	152.94566	14.70814	0.2990603	2.8858818	9967	(22390)	15.0	355.80932	136.76874	52.73350	1.30129	0.0740741	2.5958964	9983
(22339)	13.6	177.93715	167.18803	153.28464	2.14362	0.1443305	3.2129899	9967	(22391)	14.2	170.22305	6.78467	340.74458	12.19594	0.1494408	2.6774037	9983
(22340)	15.6	232.62717	136.77309	160.85160	3.63503	0.1359681	2.2288464	9967	(22392)	15.5	279.74659	282.01480	341.25792	13.33559	0.0819581	2.5617671	9983
(22341)	14.9	216.52554	135.57501	181.34534	2.34561	0.2049388	2.2265523	9968	(22393)	13.6	180.58830	6.22239	354.02916	13.66409	0.2886435	2.6444486	9983
(22342)	15.4	189.72882	359.89575	328.61595	6.06599	0.1415572	2.2750951	9968	(22394)	13.1	233.19489	289.84256	6.54850	11.13333	0.1890227	2.6787520	9984
(22343)	15.1	75.35128	17.22034	31.29700	2.99580	0.2158160	2.3902253	9968	(22395)	13.2	177.54631	325.29177	18.30775	8.74828	0.1062151	2.7782962	9984
(22344)	13.6	238.47544	130.01097	157.23577	5.57719	0.1486842	3.1629293	9969	(22396)	14.3	171.52248	315.51358	45.93177	11.19824	0.1860022	2.8031061	9984
(22345)	13.6	343.66307	170.05819	197.46358	16.73796	0.1741119	2.6532017	9969	(22397)	13.4	176.19520	290.39414	73.51266	10.05522	0.1808314	2.7734740	9985
(22346)	14.5	133.34938	24.53505	5.16737	9.83183	0.2101303	2.3220180	9969	(22398)	13.6	159.22968	96.79419	268.14774	0.96502	0.0924626	2.8985661	9985
(22347)	14.8	72.66074	75.36840	356.42711	2.16066	0.2003442	2.3706226	9970	(22399)	14.2	85.76096	296.75015	131.10586	10.28060	0.2186702	3.1109533	9985
(22348)	15.5	68.03580	250.05368	223.76012	0.69060	0.0779664	2.2779789	9970	(22400)	13.1	104.29453	339.45326	89.56225	3.91165	0.0704338	3.1519991	9985
(22349)	14.7	106.98624	34.40562	327.81164	1.87724	0.2527580	2.4083451	9970	(22401)	13.1	347.98133	29.42579	158.02319	15.63252	0.1014839	3.2266569	9986
(22350)	14.0	100.74412	358.93481	41.06486	8.30527	0.2385617	2.3827716	9971	(22402)	15.7	204.68928	204.90014	79.42220	3.53499	0.1267236	2.1862999	9986
(22351)	14.6	199.44130	260.04194	71.51607	6.93084	0.2108318	2.2755830	9971	(22403)	13.8	214.66614	20.14335	301.70851	25.98268	0.2185815	2.3168785	9986
(22352)	14.7	74.64177	12.64847	29.21435	3.75247	0.1995657	2.4401202	9971	(22404)	12.4	61.69622	177.88317	256.37899	9.28833	0.1212556	5.2857154	9987
(22353)	13.8	130.63196	102.22446	282.68809	2.77166	0.1102907	2.3666993	9972	(22405)	15.8	231.18353	37.70415	260.78060	4.83950	0.1805646	2.2892743	9987
(22354)	14.2	325.56349	187.74684	22.69407	7.59914	0.0680964	2.3280473	9972	(22406)	15.6	332.10931	278.59110	283.10896	6.98475	0.1042636	2.2951653	9987
(22355)	15.0	110.99095	303.85451	100.34670	3.15098	0.1912933	2.3739570	9973	(22407)	15.3	165.42765	355.41807	349.56952	3.12261	0.1955719	2.4311086	9987
(22356)	15.6	162.67655	218.86338	145.97396	2.02363	0.0746573	2.3393880	9973	(22408)	13.8	78.63326	3.37610	359.74188	7.67583	0.2198187	2.7303527	9988
(22357)	13.4	48.84348	98.22941	268.71116	21.81767	0.3482332	2.5802738	9973	(22409)	13.7	285.54689	316.96601	329.84708	6.62679	0.1912706	2.2480896	9988
(22358)	15.4	244.39277	144.87964	133.65056	3.71459	0.0565175	2.5940378	9974	(22410)	15.3	8.08445	121.12810	12.43000	3.54086	0.0239422	2.5677302	9988
(22359)	13.5	246.69830	128.75879	171.97583	13.77003	0.1652173	2.5639606	9974	(22411)	13.9	249.77090	84.00397	219.03416	5.48769	0.1159999	2.3787634	9989
(22360)	12.9	77.24300	10.91627	21.35655	13.53688	0.1724537	2.6920904	9974	(22412)	12.8	203.81305	318.26953	52.75316	13.73273	0.1945073	2.3603910	9989
(22361)	15.0	336.97080	299.61384	72.75836	4.65157	0.1384316	2.1996688	9974	(22413)	15.6	271.41228	237.19711	21.81460	9.11551	0.1913661	2.4049220	9989
(22362)	14.9	66.29614	318.35854	144.25109	7.33766	0.0783730	2.5541839	9975	(22414)	15.4	15.15901	143.16886	14.41168	3.91661	0.1631850	2.5592900	9990
(22363)	14.9	253.97134	80.66722	200.47157	3.06821	0.0415076	2.5751515	9975	(22415)	14.8	249.20733	59.06871	208.58911	7.59771	0.1523462	2.4581723	9990
(22364)	13.7	176.58733	308.34299	48.04063	4.15882	0.1118827	2.5765532	9975	(22416)	14.5	113.32790	355.89135	30.31701	5.64151	0.3054951	2.5889660	9990
(22365)	15.1	83.93800	42.81193	14.52924	3.30621	0.2218325	2.5802231	9976	(22417)	14.5	71.19832	53.31931	43.39631	4.87883	0.1325514	2.6212604	9990
(22366)	15.2	110.24216	252.98341	148.31769	2.59127	0.0726330	2.8785281	9976	(22418)	14.1	176.43671	235.85887	100.21282	4.26877	0.1586631	2.5876499	9991
(22367)	13.7	194.00140	352.10265	345.88664	13.00824	0.1910156	2.6923763	9976	(22419)	14.0	33.68102	33.62931	71.41586	5.87331	0.1476677	2.7844112	9991
(22368)	14.0	127.22301	210.82643	167.37654	10.09950	0.0914001	2.9734961	9976	(22420)	14.6	340.24039	47.30407	137.35511	1.06653	0.1228432	2.8929316	9992
(22369)	15.6	136.62004	160.76953	214.48157	2.63326	0.1503916	2.1347320	9977	(22421)	15.3	125.26908	185.60764	180.86426	3.54972	0.1599263	2.6596660	9992
(22370)	13.8	105.81114	0.16072	35.49581	2.59900	0.1961908	3.1887924	9977	(22422)	15.6	274.79574	179.73947	78.33512	6.35181	0.1475090	2.5210591	9992
(22371)	14.8	65.28976	324.44977	110.16235	2.04401	0.1567882	3.2129723	9977	(22423)	14.9	188.59474	241.47057	59.63572	15.12161	0.1191196	2.6210040	9993
(22372)	14.1	200.78375	146.60115	173.59924	3.90005	0.0627350	3.0534009	9978	(22424)	13.3	174.81635	239.38401	107.46468	4.83274	0.1027642	2.7317810	9993
(22373)	13.9	158.43335	249.34082	115.49495	5.19623	0.0522716	3.0652064	9978	(22425)	13.9	82.93343	327.36260	99.75147	4.18735	0.0815902	2.8122534	9993
(22374)	13.9	38.47022	302.63200	176.52694	10.89153	0.1244436	3.1721984	9978	(22426)	14.7	353.86523	318.39948	229.06520	1.67195	0.1053418	2.7615031	9994
(22375)	14.9	131.50960	272.31859	103.29826	3.00148	0.1396864	2.1625401	9978	(22427)	13.6	288.14735	246.28188	348.71058	24.60275	0.3289993	3.1349293	9994

(22428)	13.3	287.73185	84.35411	151.70780	10.62650	0.0533478	2.9921165	9994	(22480)	13.8	172.74830	305.20503	34.66509	6.49498	0.0655917	2.7734872	10010
(22429)	14.8	81.89669	344.04801	115.44215	22.79927	0.0654665	2.6739995	9994	(22481)	14.0	292.54540	28.70389	196.97112	17.65627	0.1087739	2.7330106	10011
(22430)	13.7	352.13527	117.19252	106.40461	5.81556	0.0529490	2.7382419	9995	(22482)	14.3	156.68938	225.06552	120.73030	1.50408	0.2070550	2.8848276	10011
(22431)	13.5	125.97422	332.91218	70.42856	3.07674	0.0729572	2.8858402	9995	(22483)	15.0	328.70221	187.98381	11.69748	11.97991	0.1326644	2.6546973	10011
(22432)	14.2	153.90775	1.38464	349.11178	15.79207	0.0965830	3.0257464	9995	(22484)	13.6	151.32720	261.20912	99.13271	3.65691	0.0738846	2.8954673	10011
(22433)	13.5	311.62363	155.59812	75.54780	1.02389	0.2363944	3.0774469	9996	(22485)	14.9	9.43504	105.18317	48.11262	3.74583	0.0231297	2.7785276	10012
(22434)	13.9	79.63141	13.90264	62.53419	6.70503	0.1444705	3.0640017	9996	(22486)	14.5	48.81709	274.16584	192.86517	5.54294	0.0549771	2.7989832	10012
(22435)	14.9	105.71118	253.10219	150.81637	2.06335	0.1669705	3.1977890	9996	(22487)	14.7	247.97497	278.32988	17.44206	5.24661	0.1464744	2.7660983	10012
(22436)	13.5	311.11508	200.55813	34.89647	17.19755	0.0898618	3.0713936	9997	(22488)	14.3	197.55466	252.66855	50.39126	10.68371	0.0622164	2.9859537	10013
(22437)	13.7	290.98864	167.60133	79.67684	3.02238	0.1824474	3.1810854	9997	(22489)	13.8	245.90500	126.17587	195.27634	12.18475	0.1918170	2.6914975	10013
(22438)	14.0	289.55675	91.05838	154.77659	0.61933	0.1071224	3.2109396	9997	(22490)	14.7	46.43613	105.68912	41.89155	14.22086	0.1390282	2.5257744	10014
(22439)	13.8	354.71110	90.96122	70.36946	2.46697	0.1153752	3.2241455	9997	(22491)	14.7	258.49366	270.20381	349.46254	2.22403	0.0192477	2.7257384	10014
(22440)	13.2	17.00288	266.36580	241.49475	11.77125	0.2334682	3.1947553	9998	(22492)	15.1	211.94938	200.49898	100.82165	3.26487	0.0205040	2.8732611	10014
(22441)	15.3	335.47536	197.07422	316.16148	1.90593	0.0705711	2.1558201	9998	(22493)	14.8	137.84809	205.85865	152.93861	1.70778	0.1230044	3.0415796	10015
(22442)	16.0	164.40388	354.22123	0.40834	0.88113	0.0280097	2.1907096	9999	(22494)	15.1	308.41798	162.36550	127.65992	3.32492	0.0817218	2.4733406	10015
(22443)	16.0	157.79258	33.69047	315.71075	0.85816	0.1590064	2.1980725	9999	(22495)	15.5	310.10065	155.47344	56.51226	8.93472	0.1518931	2.8099458	10015
(22444)	15.2	123.46314	329.72105	24.88407	1.52923	0.2213000	2.2967777	10000	(22496)	14.5	262.32669	229.18367	51.05436	9.26204	0.1235939	2.7666140	10015
(22445)	14.3	154.96454	238.86037	121.44432	3.39145	0.1956901	2.1873366	10000	(22497)	13.6	157.85683	280.67768	95.48303	3.32852	0.0866041	2.8868280	10016
(22446)	15.4	221.07832	262.00004	44.40338	3.25158	0.1423691	2.1520129	10000	(22498)	14.1	121.06909	170.16611	207.03063	6.98620	0.1626795	3.1592375	10016
(22447)	14.8	133.83028	319.17762	29.68251	11.12625	0.1735367	2.2949805	10001	(22499)	14.2	130.58370	259.97157	124.56083	12.47270	0.1284682	3.0646678	10016
(22448)	16.1	281.25728	73.87224	153.28886	5.61399	0.0719070	2.2080804	10001	(22500)	13.6	244.49740	229.18559	58.65242	1.26683	0.1673140	3.1706033	10017
(22449)	13.8	68.83511	70.37146	2.64876	21.54817	0.3524470	2.3422808	10001	(22501)	15.7	67.45949	142.00018	110.16378	1.56675	0.1779785	2.3703037	10017
(22450)	14.6	296.98959	120.24683	358.30112	5.40033	0.2108622	2.6828578	10002	(22502)	15.5	6.74694	4.98375	35.18744	6.62051	0.1099602	2.2750346	10017
(22451)	14.1	171.29756	359.60324	346.91021	15.49124	0.1475936	2.5232618	10002	(22503)	12.2	75.98677	195.03304	219.17323	9.89015	0.0694306	5.2372678	10018
(22452)	14.4	24.61475	259.39505	101.94735	4.91362	0.2273150	2.6877683	10002	(22504)	15.1	340.52798	276.79522	126.61916	5.57097	0.1681204	2.3027463	10018
(22453)	14.0	121.75645	314.06729	75.99569	6.97304	0.1841089	2.2572675	10003	(22505)	15.5	177.53683	27.07377	170.26228	4.23393	0.0434626	2.3369173	10018
(22454)	16.0	233.46609	209.60121	87.19004	1.53864	0.0932181	2.1770996	10003	(22506)	14.6	302.45786	318.63180	160.81240	2.11283	0.1779045	2.3323088	10018
(22455)	16.1	112.21159	103.67716	285.39549	1.44219	0.2073956	2.3589907	10003	(22507)	14.6	70.25910	215.81445	71.67915	3.44033	0.1731396	2.4295847	10019
(22456)	15.4	129.36519	294.51891	88.16208	7.15754	0.1018255	2.3999382	10003	(22508)	14.2	257.40984	267.16359	99.18706	2.06779	0.1675357	3.2114920	10019
(22457)	14.6	46.46700	79.05363	69.34912	0.90138	0.1137448	2.2855148	10004	(22509)	14.3	41.80721	310.74664	107.65609	0.96940	0.0723368	2.1933243	10019
(22458)	15.2	139.91746	260.69121	117.81639	5.01820	0.1536311	2.3292866	10004	(22510)	15.9	241.32635	113.27519	101.57673	0.91638	0.1313317	2.3130216	10019
(22459)	14.5	290.93571	225.15006	33.97013	5.10517	0.0636186	2.3253635	10004	(22511)	15.0	266.42268	265.66167	215.73123	1.84554	0.0737624	2.5854358	10020
(22460)	14.5	107.79560	344.51699	106.49954	4.73502	0.0733247	2.2866525	10005	(22512)	14.4	203.93485	277.54914	356.24625	15.69079	0.1907913	2.5292276	10020
(22461)	15.4	343.07147	95.58683	107.65078	2.77941	0.0970376	2.4070216	10005	(22513)	15.7	165.08652	214.52759	101.12054	6.42350	0.1796400	2.2290816	10020
(22462)	15.6	34.30070	359.32136	141.90592	3.84166	0.1571654	2.4207008	10005	(22514)	14.6	279.56851	282.00554	244.14569	6.61544	0.1705878	2.4718653	10021
(22463)	15.4	124.13531	344.88333	36.59602	2.87211	0.2156974	2.3815676	10006	(22515)	15.5	291.16760	202.19898	348.60188	6.59009	0.0659211	2.3116207	10021
(22464)	13.0	69.10982	356.00507	73.51897	14.31067	0.2190487	2.5899914	10006	(22516)	15.3	159.24902	142.32832	139.48236	4.68066	0.0977902	2.6525496	10021
(22465)	16.0	83.45907	26.95698	24.55443	2.30568	0.1814233	2.4561831	10006	(22517)	14.6	3.08680	54.08470	19.64982	6.43067	0.0753083	2.3507132	10022
(22466)	14.8	84.37334	104.30588	336.24009	1.62825	0.1832495	2.4030849	10006	(22518)	14.6	59.51164	14.48076	16.66817	3.74111	0.1965926	2.3934805	10022
(22467)	14.4	12.45238	190.80173	351.50960	6.45122	0.0443780	2.3647810	10007	(22519)	15.8	124.55904	348.73907	25.82573	3.49402	0.1163933	2.3465950	10022
(22468)	14.7	329.92208	99.98532	94.52659	4.37024	0.1714322	2.5677546	10007	(22520)	15.3	221.30725	156.42534	157.13556	2.70142	0.1905150	2.2804747	10023
(22469)	16.1	71.04520	280.23655	150.36425	5.03860	0.1980062	2.4087114	10007	(22521)	15.9	257.84344	63.80024	193.04004	6.47254	0.0886484	2.3206326	10023
(22470)	15.2	8.51017	54.08058	119.73610	2.02262	0.1341842	2.4220812	10008	(22522)	14.5	260.09065	279.57927	322.53667	20.82521	0.2496198	2.2993286	10023
(22471)	15.4	186.05281	242.36599	86.53691	3.71031	0.1108222	2.5283141	10008	(22523)	14.0	181.34958	287.63366	19.43428	7.15684	0.1519100	2.3424511	10023
(22472)	15.5	267.60783	126.34300	145.24671	6.04984	0.1153822	2.4460713	10008	(22524)	16.0	256.32474	120.82600	153.39731	3.87274	0.1877076	2.2403855	10024
(22473)	14.7	204.44992	327.98085	2.38949	12.08806	0.1985407	2.6348582	10008	(22525)	14.6	201.97187	356.96442	334.21674	1.53659	0.1797330	2.1483901	10024
(22474)	15.7	355.09300	158.01645	6.13744	3.58521	0.1620525	2.5878542	10009	(22526)	15.2	180.88461	336.21565	5.31036	4.74065	0.1215473	2.2141562	10025
(22475)	15.9	346.76234	305.08950	218.27670	1.83461	0.0732660	2.5928658	10009	(22527)	14.8	131.57105	194.25987	148.99549	4.66045	0.1568441	2.3272894	10025
(22476)	12.8	130.64386	267.33552	97.77552	13.30501	0.1938367	2.6368031	10009	(22528)	16.7	309.03427	10.55391	197.30687	2.47278	0.1141434	2.2075732	10025
(22477)	15.5	276.10758	296.68597	313.91687	2.88748	0.1187936	2.5593191	10010	(22529)	14.6	111.10100	104.08504	177.19666	10.45924	0.0651867	3.0090445	10026
(22478)	14.5	352.16215	340.03876	208.61306	4.62137	0.2406096	2.5613126	10010	(22530)	15.1	176.73498	352.95612	339.54668	5.25956	0.1893051	2.2717938	10026
(22479)	14.1	235.55111	288.88751	12.43898	13.25713	0.2022429	2.7282855	10010	(22531)	15.1	169.94623	351.88490	356.61770	6.77952	0.1930052	2.2111702	10026

(22532)	15.9	116.05787	321.05822	86.44906	2.50056	0.0590635	2.1381197	10027	(22584)	15.2	233.23257	279.21413	28.89358	7.39027	0.1751734	2.2874280	10045
(22533)	14.5	174.03144	110.35733	203.57381	5.73079	0.1959637	2.4248195	10027	(22585)	14.5	294.79436	323.41716	206.27133	13.28990	0.0322318	2.6118178	10046
(22534)	15.6	252.03789	103.07454	171.67321	1.91153	0.1565830	2.2466497	10028	(22586)	15.1	90.85336	243.47921	183.62522	8.09552	0.1254145	2.2736866	10046
(22535)	15.3	137.52876	205.02901	174.74392	3.82068	0.1951092	2.1951597	10028	(22587)	16.0	261.81221	72.72894	200.74793	6.27097	0.1095154	2.2781629	10046
(22536)	14.9	340.33307	201.68826	242.25569	3.66005	0.0700907	2.7246663	10028	(22588)	15.5	219.62943	187.21956	55.89300	13.99363	0.1267623	2.6981422	10046
(22537)	14.1	51.16226	63.93506	315.64188	4.19671	0.0721047	2.7323465	10029	(22589)	15.0	284.03790	203.92936	53.72442	3.20280	0.1185038	2.2437726	10047
(22538)	14.9	164.51914	330.17325	29.57961	7.60803	0.1482406	2.2001126	10029	(22590)	15.2	261.00617	242.91642	44.80358	6.48621	0.1609158	2.2774745	10047
(22539)	15.3	256.31376	288.04917	355.46058	6.27713	0.1527841	2.2089503	10029	(22591)	14.7	302.48301	23.20296	216.17414	4.19383	0.1309758	2.2498941	10047
(22540)	14.2	279.25840	326.60272	166.43101	2.20924	0.0364032	2.8753131	10030	(22592)	14.9	324.96277	242.20009	277.69733	1.55017	0.1598435	2.4684057	10048
(22541)	15.8	81.66870	72.55231	11.92249	7.41168	0.1144567	2.1405090	10030	(22593)	14.5	188.50089	207.68149	124.77491	6.84438	0.2238242	2.3652138	10048
(22542)	15.5	303.48149	219.92268	354.44389	6.15274	0.1282974	2.2617122	10030	(22594)	15.3	249.04209	201.68833	72.00896	6.78755	0.0544149	2.2725903	10048
(22543)	16.6	277.36010	234.36108	18.36372	0.94322	0.1614179	2.2547109	10031	(22595)	13.3	183.68412	143.14167	82.57208	10.86103	0.0527304	3.0509390	10049
(22544)	15.2	222.09629	276.26463	41.25832	3.19705	0.1804410	2.2360195	10031	(22596)	14.7	194.33449	173.31802	149.38143	7.67279	0.1865179	2.4065272	10049
(22545)	15.0	112.33578	274.23162	122.82554	5.26836	0.0890602	2.2602238	10031	(22597)	15.5	280.15192	72.94120	164.32371	6.74516	0.1084442	2.3266951	10049
(22546)	15.2	248.31685	135.44742	149.99241	5.25367	0.1676020	2.2577637	10032	(22598)	14.6	154.45979	282.72690	93.73089	7.21485	0.1787324	2.2781376	10050
(22547)	14.5	229.10773	150.60016	66.52606	5.41019	0.0560490	2.6841084	10032	(22599)	15.8	234.11974	162.42562	132.74399	6.67458	0.1278210	2.3350960	10050
(22548)	15.3	188.92021	217.02332	96.35586	5.07163	0.2537305	2.3281672	10032	(22600)	13.6	89.69336	206.54465	181.54465	11.81499	0.0853332	2.6009908	10050
(22549)	14.0	358.20130	238.34868	148.41408	9.81618	0.0816666	2.9607036	10033	(22601)	13.7	242.66355	209.40185	101.58827	9.31233	0.2809818	2.3076358	10051
(22550)	15.1	235.69727	45.69527	226.30901	6.91945	0.1280762	2.3317660	10033	(22602)	14.6	265.60214	72.25457	161.55162	11.86954	0.0595348	2.4470006	10051
(22551)	16.2	309.91223	251.66461	310.15946	5.90926	0.0479064	2.2586004	10034	(22603)	14.6	208.09253	116.30697	113.85226	4.57047	0.0522840	2.6698170	10051
(22552)	13.8	125.92824	327.78632	324.48523	9.55806	0.0800872	2.9860306	10034	(22604)	14.4	147.04356	278.88278	50.20502	15.57396	0.2160073	2.5741055	10051
(22553)	15.4	186.17818	71.38322	239.66692	5.61964	0.1222784	2.4053909	10034	(22605)	15.5	297.84669	98.57723	141.56151	6.62012	0.0509397	2.2435364	10052
(22554)	14.9	147.40413	136.34948	240.32448	6.13201	0.1751592	2.2544134	10034	(22606)	15.5	282.99106	192.26028	62.76786	3.66236	0.1649398	2.3017732	10052
(22555)	14.9	312.25967	266.71297	229.95791	5.37149	0.1173515	2.5641330	10035	(22607)	14.8	204.81715	52.28524	230.38720	1.50793	0.0919410	2.6313820	10052
(22556)	15.4	214.95879	93.22225	236.17398	1.11985	0.1751889	2.1261176	10035	(22608)	15.8	230.53983	233.33247	63.77240	3.43300	0.1899890	2.3869921	10053
(22557)	15.6	220.51446	325.07780	324.26283	6.23385	0.2429078	2.3202736	10036	(22609)	14.9	211.99689	207.15838	107.08751	3.35517	0.2072854	2.4182750	10053
(22558)	16.2	25.35323	77.31890	72.86541	0.77411	0.0490596	2.2010814	10036	(22610)	14.5	256.97565	72.03679	221.28241	3.52712	0.1556612	2.2651564	10053
(22559)	14.9	352.60636	3.71395	146.40509	13.02251	0.1149984	2.4024356	10036	(22611)	15.7	183.52758	128.84242	194.80030	0.99340	0.1318727	2.5397056	10054
(22560)	13.6	89.31849	122.22348	240.81925	6.07903	0.1648033	2.5574943	10037	(22612)	14.0	70.02934	318.92678	74.90382	9.71292	0.1269210	2.7509615	10054
(22561)	15.4	262.75483	249.73752	11.92347	7.15535	0.0916929	2.2476446	10037	(22613)	14.9	283.23913	25.00419	209.86634	8.48624	0.1593294	2.3845083	10055
(22562)	14.7	51.85152	77.51789	298.64871	2.35890	0.1350463	2.7541116	10037	(22614)	14.8	177.14460	183.33445	144.96746	5.06224	0.1789445	2.9854762	10055
(22563)	14.7	199.01815	113.67901	210.35683	7.41632	0.1751771	2.2688124	10038	(22615)	14.6	215.97533	190.52194	124.64061	14.27258	0.1425604	2.7125861	10055
(22564)	15.7	216.37497	122.43749	197.48879	3.45509	0.1697313	2.2251278	10038	(22616)	14.8	275.60396	72.38904	156.30992	2.42577	0.1321568	2.4280063	10055
(22565)	15.7	188.23524	196.35131	125.71214	3.42275	0.2122392	2.3751838	10038	(22617)	16.0	314.72846	18.39644	186.47050	3.95950	0.1458522	2.3104354	10056
(22566)	15.8	257.72807	32.88669	242.32685	2.61261	0.1270440	2.2314449	10039	(22618)	15.4	248.73030	196.43252	100.37694	3.50653	0.1433086	2.3237169	10056
(22567)	15.4	195.99404	318.79841	0.95361	6.37703	0.1407966	2.3298430	10039	(22619)	15.6	131.23659	248.44124	147.99474	5.97443	0.0428978	2.3117013	10057
(22568)	15.0	187.48617	221.11121	106.70067	3.20073	0.2258759	2.3616597	10040	(22620)	15.3	156.10448	304.19610	43.75644	9.56548	0.1337642	2.5572497	10057
(22569)	14.6	190.54945	287.21474	50.15969	4.03052	0.2067981	2.2857483	10040	(22621)	14.8	175.21131	219.05966	78.91572	4.97146	0.0714058	2.7103085	10057
(22570)	14.7	283.15140	246.04472	12.76879	2.81395	0.1632130	2.2134968	10041	(22622)	14.6	248.21703	31.28224	261.94575	6.29244	0.1867381	2.3530373	10057
(22571)	15.6	63.71053	231.96541	213.74018	4.77453	0.1224124	2.2385058	10041	(22623)	16.3	274.66425	81.17309	176.75819	4.90429	0.1338432	2.3387945	10058
(22572)	15.8	251.08215	60.93857	189.39555	1.78685	0.1755003	2.4096949	10041	(22624)	14.1	143.91011	210.49558	92.21835	10.93009	0.0589643	2.9795899	10058
(22573)	16.0	237.10327	243.35200	53.63421	3.27316	0.1221167	2.2464883	10042	(22625)	14.8	14.62774	257.84820	254.38921	5.45575	0.1144892	2.2830522	10058
(22574)	14.7	141.73820	331.19118	17.77465	3.02210	0.1064219	2.4463288	10042	(22626)	15.4	319.06871	9.24787	192.23984	6.54033	0.1198309	2.3445060	10059
(22575)	15.5	6.13492	285.06750	194.98593	6.60767	0.0859586	2.3805237	10042	(22627)	15.8	302.13491	54.50339	204.71159	0.69492	0.1533088	2.2083572	10059
(22576)	16.3	313.07273	119.39626	103.48871	2.09134	0.0989492	2.1919186	10043	(22628)	15.4	231.13037	176.45370	124.78960	3.24143	0.1754233	2.4214333	10059
(22577)	15.1	218.45018	250.40525	65.93197	3.87062	0.1492994	2.2896505	10043	(22629)	13.0	342.31253	267.88873	226.01938	12.48856	0.1134613	2.6091497	10059
(22578)	14.4	64.42458	291.24490	121.79188	3.35475	0.2143894	2.3926051	10043	(22630)	15.6	241.72059	189.27260	96.43104	4.24360	0.1733646	2.4410584	10060
(22579)	15.0	244.73604	208.25694	66.06916	3.51012	0.1938610	2.3608052	10044	(22631)	14.5	67.03755	238.56639	218.97351	5.05281	0.1000735	2.3851861	10060
(22580)	14.2	95.78255	233.24449	184.45164	3.36700	0.1345517	2.2583954	10044	(22632)	15.1	269.98429	127.98453	140.16539	2.26259	0.1502801	2.3310138	10061
(22581)	15.1	352.45266	123.95440	3.55639	1.19685	0.1261656	2.4156821	10044	(22633)	14.6	277.92038	209.77485	27.62379	3.04193	0.1219762	2.4239398	10061
(22582)	15.7	210.67943	232.50430	75.23228	3.81755	0.1858580	2.4039933	10045	(22634)	14.7	123.21788	336.71595	26.02332	0.64672	0.2140644	3.1486334	10061
(22583)	15.4	137.57821	341.90723	24.82688	8.16812	0.1013029	2.4049749	10045	(22635)	13.8	149.34642	256.63485	133.68105	14.12380	0.1970997	2.5480634	10062

(22636)	14.0	106.52727	131.75724	289.55150	21.24476	0.0897599	2.5911123	10062	(22688)	14.8	322.08922	279.60957	313.83878	12.58842	0.1355738	2.6397888	10078
(22637)	13.2	201.45684	19.69627	276.34177	11.96632	0.1594248	2.6956423	10062	(22689)	13.7	76.21357	214.30221	236.96993	12.98636	0.1278376	3.0906116	10078
(22638)	14.4	186.87530	247.97422	79.69644	4.78102	0.1169465	2.7352194	10063	(22690)	13.5	245.15734	74.93423	227.46466	10.60091	0.1692533	2.6827361	10078
(22639)	14.8	308.69508	158.89141	116.93355	5.00833	0.1489717	2.2188480	10063	(22691)	13.3	163.94048	283.99620	93.27686	3.29910	0.0702014	2.9094744	10079
(22640)	14.5	261.64675	202.80511	98.65420	6.98160	0.1273490	2.3799161	10063	(22692)	13.4	87.44182	77.76030	356.31794	16.55431	0.1731270	3.3709638	10079
(22641)	14.4	255.14398	356.41649	274.03133	13.25556	0.1403772	2.5849373	10064	(22693)	13.8	245.11965	304.25788	5.58234	11.11023	0.0782617	2.6790995	10079
(22642)	15.2	97.87409	289.56598	108.10294	8.87041	0.3134906	2.6593671	10064	(22694)	13.2	287.92610	272.05188	13.21921	14.94260	0.1004166	2.5364279	10080
(22643)	14.4	76.99944	221.03297	197.32905	4.15145	0.0760305	2.9944819	10064	(22695)	13.9	317.15483	140.37805	69.75843	5.72505	0.0296278	3.0857068	10080
(22644)	14.5	99.50711	209.58543	206.67377	10.18111	0.1361637	3.1331336	10064	(22696)	14.2	286.77748	268.18387	40.60492	7.11774	0.1404374	2.3524232	10080
(22645)	15.1	296.45798	276.29714	354.85071	1.91348	0.2049104	2.3792189	10065	(22697)	13.4	48.70990	271.52439	207.24065	16.60424	0.0881453	2.8023585	10081
(22646)	14.7	287.30890	127.39090	147.47034	11.54963	0.1581829	2.4172970	10065	(22698)	13.0	197.98311	11.77299	313.59680	5.85222	0.0234023	3.0465852	10081
(22647)	13.7	85.45852	180.40416	200.33820	2.31124	0.2510156	3.9503685	10065	(22699)	13.5	98.41951	343.13327	25.54025	2.98548	0.2376805	3.9838499	10081
(22648)	13.9	138.97245	227.52502	154.19813	2.46910	0.0504504	2.8914024	10066	(22700)	13.0	309.46788	283.14715	274.23273	4.30993	0.0832593	3.2232506	10082
(22649)	15.4	355.43133	219.23977	352.34881	5.94065	0.0760545	2.3934972	10066	(22701)	14.3	0.90824	247.56725	6.75355	3.78792	0.1268106	2.2110807	10082
(22650)	14.4	280.29090	261.99639	343.27577	9.15819	0.0915331	2.6275653	10066	(22702)	13.8	161.26937	274.01361	75.41449	5.45376	0.0649234	3.1925240	10082
(22651)	14.4	228.21058	109.39852	212.39287	14.41356	0.1525512	2.6029290	10067	(22703)	12.9	356.62488	97.65047	61.25069	5.93966	0.0995067	3.2036002	10083
(22652)	14.2	158.49014	205.18801	139.81160	6.34667	0.1587232	3.1174305	10067	(22704)	13.8	147.77213	223.10278	162.47452	7.64972	0.0444919	3.0195892	10083
(22653)	13.6	288.31503	261.65641	320.56004	45.77158	0.1816256	2.7492930	10067	(22705)	14.3	249.37678	124.33935	162.93540	2.21055	0.0407940	2.9135083	10084
(22654)	15.0	158.49253	200.08884	236.72996	6.13802	0.0876191	2.4064235	10068	(22706)	14.8	127.31764	250.61648	214.58736	3.09312	0.1325413	2.6050390	10084
(22655)	13.8	222.72384	121.30494	144.15302	11.01251	0.0752674	2.9836481	10068	(22707)	14.1	267.20106	110.89397	137.99824	1.52051	0.1390902	3.0479065	10084
(22656)	14.5	260.58390	146.00167	145.15649	3.11054	0.1674694	2.4689880	10068	(22708)	13.8	182.92947	121.36905	250.16901	2.10649	0.0971866	2.8680183	10084
(22657)	13.1	207.88562	9.29033	315.35340	3.45865	0.1062661	2.6716633	10069	(22709)	13.6	309.96761	50.52106	200.78976	13.23838	0.1462877	2.6751143	10085
(22658)	13.6	167.49269	231.40009	121.28583	6.86379	0.0742087	2.7985184	10069	(22710)	13.5	260.31638	78.48485	184.28857	9.96028	0.0351187	3.2278040	10085
(22659)	14.6	152.82738	195.86095	163.65010	10.14525	0.0957177	2.9671551	10069	(22711)	13.4	234.32277	131.15963	170.22717	9.82019	0.0643794	2.9873824	10085
(22660)	14.1	152.67155	201.16965	162.69398	10.52011	0.1065207	2.9676036	10070	(22712)	13.4	100.85792	307.34146	124.30559	4.57734	0.0111496	3.1407670	10086
(22661)	15.8	304.01913	240.31287	14.44591	0.09636	0.2456272	2.3749206	10070	(22713)	13.9	282.05893	155.51762	83.27170	5.95736	0.0720686	3.2127687	10086
(22662)	13.5	105.01534	68.25408	340.73103	4.38040	0.1651117	3.1546358	10070	(22714)	12.6	299.29840	267.58143	338.33356	26.96520	0.2016739	3.2068705	10086
(22663)	14.0	256.36340	127.10218	163.23698	4.95550	0.1140479	2.5994045	10070	(22715)	14.5	212.62353	133.20658	177.44243	1.97729	0.0660984	2.9120616	10087
(22664)	13.8	144.19847	346.19712	18.75056	5.29339	0.1664881	3.1229521	10071	(22716)	13.8	200.86850	154.83540	161.78143	1.69086	0.1461147	3.1255199	10087
(22665)	14.0	130.68908	32.98862	352.42801	5.17466	0.1993874	3.1414185	10071	(22717)	13.2	168.96429	239.95266	112.29664	5.34530	0.0910634	3.1996892	10087
(22666)	14.3	303.07770	327.77924	292.54219	5.53552	0.1161260	2.4758683	10071	(22718)	13.6	60.64732	157.39070	309.00897	0.81093	0.0868377	3.1596547	10088
(22667)	13.3	154.69903	218.11308	154.65471	5.67801	0.0859248	3.0277867	10072	(22719)	12.9	298.21836	206.41674	71.88453	6.33501	0.0209850	2.7425221	10088
(22668)	14.4	327.99297	100.89082	156.93717	2.53925	0.2077361	2.3607201	10072	(22720)	12.7	54.14143	109.80210	19.64893	2.38936	0.0709559	3.3371449	10089
(22669)	14.0	159.09005	177.47676	196.87688	2.23116	0.0647052	2.8615357	10072	(22721)	13.7	20.32657	169.26794	9.71293	3.78855	0.1692512	3.1382417	10089
(22670)	13.5	159.28996	268.25426	103.67102	3.02357	0.0523252	2.8745011	10073	(22722)	12.6	324.81173	34.32539	186.04484	14.06237	0.2538960	2.7039629	10089
(22671)	13.6	222.20723	69.94680	242.95644	3.39870	0.0590793	2.8023560	10073	(22723)	14.8	218.77768	185.89344	176.13224	8.40398	0.0786719	2.6077662	10090
(22672)	13.7	154.61725	181.77741	192.95998	1.41360	0.0382954	2.9113739	10073	(22724)	13.4	285.40351	133.29022	99.54946	2.83662	0.0984001	3.2289195	10090
(22673)	12.9	144.81233	51.86143	318.55838	9.07680	0.0993602	3.1288602	10073	(22725)	15.0	251.62905	104.16988	258.29421	5.26029	0.1483508	2.3700323	10090
(22674)	14.0	288.02147	82.49975	151.09215	10.32954	0.0867674	2.8626505	10074	(22726)	13.7	212.43137	213.19650	107.47738	2.67768	0.1463506	3.1161931	10091
(22675)	14.2	249.30430	306.70796	334.25855	6.12778	0.1087437	2.7919656	10074	(22727)	13.5	203.91866	109.76499	219.28962	10.29635	0.1236544	2.9961994	10091
(22676)	13.7	264.27397	195.04629	84.79957	1.68156	0.0469351	2.7152341	10074	(22728)	13.1	177.19771	320.28620	22.67848	11.50986	0.1971952	3.1902447	10091
(22677)	14.0	167.24705	216.27603	139.26446	10.83877	0.1166155	2.9952724	10075	(22729)	15.4	164.26670	115.40372	2.56593	6.89807	0.0821564	2.3006172	10091
(22678)	13.9	170.22750	328.85349	4.15769	8.97785	0.0909021	3.1634420	10075	(22730)	14.7	139.40012	276.40741	189.29110	1.33045	0.1149837	2.5862642	10092
(22679)	15.2	343.55252	67.99148	168.01302	4.02274	0.1944810	2.3394405	10075	(22731)	13.3	305.91144	23.17257	217.65285	8.86076	0.0398569	3.0506391	10092
(22680)	13.1	200.53031	309.08597	358.88373	10.09971	0.1162268	3.0554267	10075	(22732)	14.3	212.24573	293.66901	11.31507	1.31264	0.1983725	3.1687568	10092
(22681)	13.8	210.84641	191.53001	126.51309	3.13606	0.0523478	2.8968614	10076	(22733)	13.6	265.51540	0.00370	267.01045	4.85288	0.1895675	3.0548668	10093
(22682)	13.8	110.31048	243.90724	189.74043	1.69890	0.0415548	2.8555349	10076	(22734)	15.1	188.69708	81.00442	8.89797	2.42711	0.1767680	2.4021712	10093
(22683)	13.3	309.95981	74.73235	186.52754	9.19140	0.0103281	2.5718167	10076	(22735)	13.3	281.04151	67.47859	186.94098	12.41760	0.1011443	3.1006883	10093
(22684)	13.7	179.92445	200.83250	145.33247	9.99420	0.0788250	2.9708561	10077	(22736)	14.6	151.72743	37.17647	89.56838	5.62294	0.0781373	2.3315455	10093
(22685)	14.1	273.17876	309.19919	319.00142	3.05276	0.0619865	2.7894759	10077	(22737)	12.4	271.60855	40.50145	237.01173	10.16335	0.0220770	3.0980077	10094
(22686)	13.8	341.70778	32.26617	199.78678	13.78621	0.0999711	2.6217989	10077	(22738)	13.1	333.85345	167.99484	48.62667	11.38077	0.0447052	3.0440351	10094
(22687)	14.0	184.22056	184.21515	175.38123	15.22450	0.1134625	2.6549281	10078	(22739)	13.6	28.69582	26.89042	151.42361	2.24787	0.0608952	2.9204069	10094

(22740)	13.2	234.81041	113.71647	169.15064	3.10783	0.2094988	3.2481992	10095	(22792)	15.3	129.24074	81.48618	281.87609	6.16537	0.1409042	2.3044782	10111
(22741)	14.0	45.98402	233.82495	303.46565	3.03690	0.1018397	2.6845471	10095	(22793)	14.6	164.16441	23.33748	308.48267	24.57124	0.2333026	2.3478739	10111
(22742)	13.5	271.32425	25.91574	269.01298	1.89553	0.1263325	2.7854194	10095	(22794)	15.4	106.23335	209.92523	197.40852	2.97172	0.1448818	2.2256958	10111
(22743)	12.8	218.85990	65.77210	230.39727	13.29056	0.2465743	3.1518438	10096	(22795)	14.8	134.30475	256.64609	77.42951	3.07329	0.2128079	2.4327616	10112
(22744)	13.3	313.92820	67.63934	163.53597	4.68864	0.0915941	3.2190483	10096	(22796)	13.6	135.13567	311.02128	322.80434	9.62029	0.0604620	2.9899288	10112
(22745)	13.7	323.98344	212.22074	44.28502	13.03510	0.1121294	2.7129961	10096	(22797)	14.6	134.58965	290.58767	48.58460	3.17241	0.2054484	2.3972446	10112
(22746)	14.0	145.53211	215.17689	219.43717	11.34243	0.0217558	2.9350075	10097	(22798)	13.7	124.73296	181.42465	98.53731	11.17246	0.0688873	3.0954189	10113
(22747)	14.1	275.10855	271.28688	34.12593	3.06586	0.2867754	2.5925170	10097	(22799)	15.8	141.13902	266.56043	80.51088	7.34238	0.2099289	2.2937141	10113
(22748)	14.1	226.78253	320.83752	344.73938	1.64026	0.0848692	3.2173841	10097	(22800)	14.5	147.77702	205.09518	131.24197	4.86237	0.2606005	2.3365589	10113
(22749)	15.2	224.65875	238.22124	162.47218	2.84058	0.1756990	2.4711217	10097	(22801)	15.3	110.86000	35.53859	349.90335	4.70645	0.2581774	2.4292262	10113
(22750)	15.1	207.49861	235.10989	188.70223	1.74663	0.0487596	2.4660638	10098	(22802)	14.6	194.44748	156.52841	156.26798	6.54678	0.1955731	2.2775846	10114
(22751)	13.7	51.18224	133.64397	110.83592	4.65975	0.1413198	2.2266249	10098	(22803)	14.7	88.69994	194.68379	209.00277	4.91291	0.2963010	2.6059919	10114
(22752)	14.5	218.56900	248.10518	175.40603	14.78809	0.1153684	2.5633120	10098	(22804)	15.3	133.97796	18.68219	5.25091	0.91858	0.1980380	2.4182869	10114
(22753)	17.7	345.55560	324.41841	307.72743	3.20889	0.5700519	1.2181805	10099	(22805)	12.3	38.84273	173.08321	259.46596	17.34278	0.1694031	3.1385937	10115
(22754)	12.7	217.81853	257.24574	80.02070	17.20714	0.0792731	3.1269939	10099	(22806)	15.8	170.92859	120.71257	205.89250	2.80026	0.1596472	2.2483539	10115
(22755)	13.3	313.84343	270.83398	67.44638	5.12857	0.0695159	2.2996415	10099	(22807)	15.3	188.76395	317.96752	16.12900	2.07479	0.2442834	2.1730594	10115
(22756)	16.5	268.39211	40.16051	325.67177	0.86315	0.1552657	2.4016354	10100	(22808)	11.9	83.98907	340.28418	310.33955	10.46891	0.1841037	5.1561273	10116
(22757)	14.5	192.87393	267.63467	124.88805	3.18133	0.0724167	2.8973861	10100	(22809)	14.5	74.97889	101.11914	345.39314	2.16039	0.1933713	2.3437349	10116
(22758)	15.2	179.16220	164.32559	335.76326	1.80113	0.1287257	2.2997029	10100	(22810)	15.7	142.57322	39.03981	327.24015	3.73504	0.1212660	2.3102200	10117
(22759)	13.1	263.80211	335.18810	48.90842	8.21000	0.1809359	2.3855381	10100	(22811)	16.0	154.30263	4.76681	5.49116	1.15121	0.1383786	2.1929687	10117
(22760)	13.4	268.17574	57.78418	308.41508	5.19297	0.0547914	2.6940963	10101	(22812)	14.8	83.04180	206.80684	223.27046	2.03607	0.1615089	2.4205308	10117
(22761)	14.5	22.68605	167.88607	119.59648	8.43376	0.1341194	2.2296898	10101	(22813)	15.1	120.03803	63.67979	311.49437	2.36766	0.2315121	2.5641997	10118
(22762)	14.2	249.63095	315.83501	51.20732	2.79509	0.1129743	2.9487426	10101	(22814)	15.8	129.37949	260.49801	114.07353	3.36076	0.2055847	2.4442797	10118
(22763)	14.8	283.55550	298.06626	85.95327	7.85205	0.1518044	2.5593918	10102	(22815)	15.3	157.40273	154.42487	194.71031	6.21341	0.1574961	2.3394256	10118
(22764)	15.4	194.88882	145.74670	48.45807	3.66650	0.0827746	2.1508243	10102	(22816)	16.1	161.02373	209.77927	132.85061	3.00673	0.2271205	2.3597046	10119
(22765)	13.2	239.03082	312.32646	89.67047	10.45572	0.0664436	2.9727835	10102	(22817)	15.2	140.92265	180.25205	168.52428	5.58222	0.1128016	2.5889656	10119
(22766)	14.0	6.26724	159.38072	150.95780	9.31379	0.1946996	2.5667310	10102	(22818)	15.6	194.65936	318.95700	12.99551	4.59581	0.1822216	2.1566217	10119
(22767)	14.6	324.06391	197.66958	147.84329	3.14047	0.1975703	2.4345343	10103	(22819)	15.6	129.80867	350.16427	43.24414	2.43972	0.0499069	2.3106278	10120
(22768)	14.6	79.93771	219.22581	347.56307	1.53635	0.0108679	2.8629026	10103	(22820)	14.7	121.90515	1.76784	6.72767	14.59523	0.1011099	2.7068249	10120
(22769)	13.4	26.10531	240.06193	6.75490	3.05697	0.1399666	3.1005336	10103	(22821)	15.0	176.38425	282.39050	41.57820	4.92124	0.2016350	2.2543111	10121
(22770)	14.6	172.38776	151.41133	59.04734	6.80770	0.0641852	2.9227780	10104	(22822)	15.4	174.58904	325.28330	6.77108	8.21638	0.1394403	2.3674614	10121
(22771)	17.0	295.12003	305.49557	339.23813	11.40113	0.5246248	1.5765644	10104	(22823)	14.6	174.52287	222.45831	123.01170	1.52685	0.1366439	2.3047407	10121
(22772)	13.4	217.21029	113.62667	302.52862	1.09823	0.0774654	2.9111964	10105	(22824)	15.7	159.45469	118.35940	239.30868	4.66813	0.1608054	2.3326214	10122
(22773)	13.7	152.25329	101.62417	3.66489	1.13803	0.1477688	3.1754609	10105	(22825)	15.6	163.26518	336.90817	25.37968	6.69772	0.1712899	2.2265831	10122
(22774)	12.8	345.65728	200.18292	89.07568	11.65458	0.0687487	3.0533071	10105	(22826)	13.3	109.76997	211.09656	163.49582	10.05990	0.1089224	3.0581942	10122
(22775)	14.5	87.54484	285.02730	340.84328	5.36775	0.0992740	2.3653645	10106	(22827)	15.6	155.57721	179.92631	177.04522	6.71158	0.1395790	2.3221816	10123
(22776)	14.9	6.66133	310.58160	27.68383	7.03762	0.1326189	2.3171514	10106	(22828)	14.1	164.07245	108.61994	173.25576	6.15391	0.1651680	2.6476794	10123
(22777)	14.9	186.16846	203.07042	326.12057	2.01894	0.1252892	2.4031356	10106	(22829)	14.8	124.92620	290.79149	79.21371	3.36701	0.1909639	2.3973659	10124
(22778)	13.8	238.77321	198.00165	210.35246	11.58824	0.0602070	2.9112904	10106	(22830)	14.5	118.65679	260.61804	46.77064	1.66529	0.1909832	3.0873096	10124
(22779)	13.8	97.29259	67.94797	171.90289	2.79292	0.1369203	3.0566374	10107	(22831)	14.4	29.16402	245.84936	172.79771	9.42890	0.0708254	2.9623119	10124
(22780)	15.9	168.24269	198.29860	27.37314	4.69878	0.0986502	2.2430882	10107	(22832)	14.7	92.33145	70.18084	348.27725	7.73076	0.2235219	2.3821505	10124
(22781)	14.4	334.35700	344.21613	90.92460	5.40152	0.0893268	2.2517457	10107	(22833)	15.2	68.71089	208.52168	248.60352	4.65487	0.0644043	2.2254922	10125
(22782)	14.9	261.23276	346.17701	160.74535	4.22785	0.0602482	2.2442016	10107	(22834)	15.1	340.43115	356.67079	175.32014	5.44461	0.0952119	2.2788888	10125
(22783)	14.5	195.30339	240.67566	287.92866	3.72705	0.2033924	2.5799538	10108	(22835)	14.6	123.43114	181.44273	192.56963	7.28947	0.1891891	2.5825906	10125
(22784)	14.4	256.54772	129.09467	8.99975	4.19017	0.1044482	2.4714471	10108	(22836)	15.7	356.86371	125.02405	20.25610	1.07578	0.0549668	2.5136246	10126
(22785)	13.6	112.45696	49.82212	210.16906	10.24780	0.0629723	3.0765990	10108	(22837)	15.1	174.42020	317.36988	19.97939	8.41123	0.1618015	2.2925709	10126
(22786)	14.8	15.19907	254.17179	145.99799	5.90506	0.1938448	2.4265284	10109	(22838)	14.9	88.54267	239.22406	157.08924	4.87973	0.0788655	2.7804250	10126
(22787)	13.9	123.03099	111.73200	247.51055	10.57710	0.3397140	2.5519054	10109	(22839)	15.5	116.63424	10.92906	33.53186	3.29257	0.0394566	2.3112447	10127
(22788)	13.9	212.86561	266.70646	256.27947	8.46939	0.2079994	2.4447975	10109	(22840)	15.0	56.00543	63.35850	4.38034	5.96421	0.0057206	2.7889837	10127
(22789)	15.8	250.66634	111.39485	56.58831	2.65584	0.0906052	2.2514834	10110	(22841)	13.6	258.12581	51.56491	182.91351	14.12580	0.1353379	2.6352324	10127
(22790)	14.7	179.33830	239.47740	131.92741	26.29387	0.0629892	1.8949600	10110	(22842)	15.5	79.33729	316.94834	105.90120	2.77171	0.0642850	2.5312142	10128
(22791)	15.8	156.43440	239.98413	105.80330	2.79180	0.2014407	2.1654737	10110	(22843)	14.2	317.54042	233.92081	298.93105	2.80856	0.1317198	2.6965071	10128

(22844)	13.6	43.34219	268.67532	171.25309	28.37246	0.4380178	2.8787004	10128	(22896)	14.7	204.47217	299.76424	15.75623	3.40616	0.1201728	2.3332159	10144
(22845)	13.9	309.34183	202.05133	311.03296	9.79089	0.0662624	2.8830450	10128	(22897)	14.3	41.59239	284.13809	212.22700	5.93414	0.0576006	2.3593082	10145
(22846)	15.3	125.55334	194.00154	173.71135	8.12107	0.1316733	2.3888380	10129	(22898)	14.8	147.67554	136.98766	201.12049	10.35200	0.1412484	2.9802484	10145
(22847)	15.5	77.49955	23.93011	34.35211	2.33120	0.1146424	2.5156177	10129	(22899)	14.0	150.94172	218.26377	136.16263	2.87789	0.0855645	2.8426910	10145
(22848)	15.1	70.32205	159.45701	281.52213	1.86094	0.1498858	2.3913962	10129	(22900)	14.0	199.90666	258.48258	57.85697	7.32843	0.1156681	2.5443590	10146
(22849)	14.3	245.14577	255.15318	324.70540	14.83038	0.1224901	2.5312089	10130	(22901)	13.9	111.05730	203.50905	199.65432	5.69911	0.1449137	2.5638275	10146
(22850)	13.9	65.90982	196.15299	215.07818	9.11407	0.2002215	2.7854363	10130	(22902)	13.6	129.97107	268.05220	92.06264	3.20346	0.1043493	2.9138143	10147
(22851)	15.0	127.98733	147.29037	235.56601	1.79743	0.2210699	2.3233807	10130	(22903)	14.4	163.03323	326.64697	20.74831	25.41576	0.2453403	2.3904144	10147
(22852)	15.3	116.06187	247.11047	145.49043	4.51847	0.1676603	2.3224597	10130	(22904)	14.9	194.23423	132.86549	173.63501	4.78065	0.0867013	2.6214491	10147
(22853)	15.7	123.74408	216.91940	164.85440	2.82422	0.2152434	2.3811545	10131	(22905)	15.0	1.80288	329.22271	205.62467	4.76212	0.0962537	2.2242730	10148
(22854)	15.6	89.55599	220.60807	177.93894	14.02984	0.1627200	2.5687947	10131	(22906)	15.0	303.41628	8.58907	211.30711	8.92903	0.0776068	2.4462476	10148
(22855)	15.1	63.80799	213.61914	206.89927	3.12957	0.1106773	2.5693694	10131	(22907)	14.5	103.81135	166.59018	218.14002	9.91314	0.1442453	3.0638367	10148
(22856)	16.1	74.02458	66.69616	2.26770	4.00601	0.0594647	2.5470634	10132	(22908)	14.4	310.95914	10.05441	222.61652	6.48218	0.0798988	2.3112259	10149
(22857)	15.3	46.32325	316.30870	174.25728	6.07888	0.1244169	2.2523355	10132	(22909)	14.8	322.54214	228.77602	300.75160	2.21467	0.0412697	2.6361638	10149
(22858)	15.6	356.77637	319.74486	195.30163	5.74508	0.0486478	2.3392055	10132	(22910)	15.6	173.79872	67.46298	264.94139	0.81861	0.1526448	2.4031259	10150
(22859)	14.8	112.37503	141.25871	272.46614	3.09450	0.1080933	2.1913623	10132	(22911)	15.5	261.03583	43.48577	223.35861	1.90833	0.0936991	2.2047686	10150
(22860)	15.3	143.90935	84.64927	266.78481	0.48507	0.1970728	2.4009727	10133	(22912)	15.2	33.76054	280.29535	207.54778	7.27370	0.1540520	2.5872928	10150
(22861)	16.6	157.10084	19.75609	331.96907	6.17404	0.2081480	2.2793591	10133	(22913)	14.6	57.50418	116.73479	331.05996	2.06799	0.1158834	2.6409557	10151
(22862)	16.2	170.42590	33.23973	301.24447	1.13631	0.0948274	2.2735872	10134	(22914)	14.4	104.50720	225.99492	158.05512	15.28856	0.3123855	3.0997758	10151
(22863)	15.2	294.62305	353.92432	186.83704	2.77555	0.0514726	2.5800897	10134	(22915)	13.9	232.06176	133.80960	127.17503	11.48810	0.0503643	2.9877027	10151
(22864)	13.1	115.29454	184.52563	134.57112	1.85125	0.1675621	3.1335655	10134	(22916)	15.0	183.18698	272.99545	24.11530	13.18721	0.1579023	2.6116547	10152
(22865)	14.8	180.50201	187.75653	73.89233	5.17519	0.1340757	2.9818385	10135	(22917)	15.2	341.90169	234.29541	330.10297	1.17580	0.1370759	2.3549132	10152
(22866)	15.3	115.67849	291.08810	95.83443	4.98147	0.2212940	2.5231377	10135	(22918)	15.1	141.65599	188.36413	171.94149	4.85813	0.1129348	2.5658750	10152
(22867)	13.6	69.47011	260.27007	140.02252	11.04580	0.1134784	2.9857034	10135	(22919)	15.2	63.38289	317.96829	141.30654	7.22885	0.1037414	2.4304135	10153
(22868)	14.6	338.48907	216.51707	286.42242	1.07886	0.1280439	2.7980258	10135	(22920)	14.5	77.16174	306.26576	103.35840	3.07227	0.0996937	2.9356255	10153
(22869)	15.5	84.67985	25.47040	26.35378	4.47310	0.1926072	2.6350220	10136	(22921)	15.4	182.14805	223.36355	114.76021	7.65053	0.1339428	2.2758407	10153
(22870)	12.4	103.86309	39.20076	353.23983	12.83756	0.1746202	2.6852485	10136	(22922)	15.4	157.39348	267.80677	94.48624	7.67815	0.1283273	2.3566529	10154
(22871)	15.4	174.52642	8.06816	323.68219	6.99609	0.1946078	2.3013330	10137	(22923)	15.7	213.87201	214.35939	92.79873	5.35140	0.1692131	2.2076124	10154
(22872)	15.4	180.29059	6.20062	328.30559	5.66262	0.1803454	2.2458795	10137	(22924)	14.2	76.08892	309.42727	129.36302	9.90270	0.1755816	2.7709897	10154
(22873)	15.4	165.75995	58.35883	275.00857	3.44928	0.1973198	2.4081256	10137	(22925)	15.3	164.36262	14.61798	314.19222	3.63440	0.2323732	2.5827274	10154
(22874)	14.5	84.41031	150.38785	296.02488	6.00140	0.0800448	2.2746464	10137	(22926)	14.4	347.92964	260.31477	231.02869	12.49686	0.1373722	2.6452993	10155
(22875)	15.8	185.44585	12.82416	319.31159	6.58162	0.0989260	2.2594869	10138	(22927)	15.0	298.21164	252.43198	306.47281	4.52092	0.1619294	2.4361793	10155
(22876)	14.3	138.82386	164.55970	202.00162	5.02347	0.2126846	2.4299565	10138	(22928)	15.3	330.93597	351.80207	203.79017	1.61171	0.1371936	2.3913789	10155
(22877)	14.8	70.29467	197.85194	261.67351	5.07579	0.1179209	2.2963337	10138	(22929)	15.0	182.88003	134.19357	184.35238	4.96562	0.0373322	2.5464664	10156
(22878)	15.0	89.50609	159.02979	253.03480	11.05416	0.1809689	2.6984306	10139	(22930)	16.0	221.75743	318.51014	355.59673	6.24908	0.2163713	2.1855519	10156
(22879)	14.4	355.05416	165.01503	349.14104	12.88815	0.1006588	2.6886564	10139	(22931)	14.0	322.26923	165.36232	349.00307	1.93477	0.1341633	3.0873292	10156
(22880)	15.0	103.42551	17.89715	26.04211	7.51413	0.1481084	2.4028784	10139	(22932)	15.8	356.87866	183.76013	324.58366	1.57035	0.0452774	2.7118800	10157
(22881)	14.5	29.78605	293.97327	169.53113	9.25515	0.3016995	3.0603072	10140	(22933)	15.5	76.97074	328.11958	107.09617	0.23107	0.1430532	2.6402912	10157
(22882)	15.0	96.02704	272.09321	133.46790	13.37043	0.1956681	2.6826231	10140	(22934)	13.9	95.03262	278.04652	112.06343	2.47185	0.1919454	3.1788263	10157
(22883)	14.3	122.89384	259.91074	104.02447	6.56984	0.3497671	2.6890835	10140	(22935)	14.3	72.28653	292.65956	130.06730	2.85139	0.1910387	3.1992415	10158
(22884)	15.8	163.23310	250.01216	95.86804	7.92769	0.1290169	2.3709202	10140	(22936)	14.5	136.89428	60.34886	293.85125	5.20826	0.0917586	2.8400674	10158
(22885)	15.6	85.81081	303.44418	145.77583	6.90696	0.0577326	2.2714365	10141	(22937)	15.5	185.84780	249.73769	94.32680	3.96384	0.0747473	2.4020115	10158
(22886)	14.1	111.03204	118.66302	267.81584	12.60061	0.1990365	2.6392453	10141	(22938)	15.3	74.09268	299.57994	125.30367	2.68298	0.1757975	3.1721619	10159
(22887)	15.6	178.81007	135.75005	211.99344	1.77941	0.0250335	2.2560860	10141	(22939)	15.0	37.49881	358.77813	112.10923	3.21178	0.0568624	2.9498635	10159
(22888)	13.4	74.33973	214.14996	199.29551	4.71820	0.2918700	3.1169371	10141	(22940)	15.1	248.94731	199.48616	74.97833	3.64563	0.1544553	2.3837027	10159
(22889)	15.0	118.65653	291.23319	71.04803	6.73591	0.1556956	2.5981474	10142	(22941)	15.3	201.30174	331.39708	339.17303	7.71385	0.2432985	2.3872954	10159
(22890)	15.0	187.42351	250.90085	59.49475	7.10184	0.1750457	2.2663369	10142	(22942)	14.6	215.10377	298.49184	358.84797	4.16974	0.1018528	2.7120978	10160
(22891)	15.3	211.45318	165.15649	155.74037	4.42318	0.2010050	2.1669214	10142	(22943)	14.7	0.36191	342.73242	151.16392	5.87997	0.0948581	3.2205356	10160
(22892)	15.4	230.35590	44.31736	229.92668	5.94397	0.0556139	2.4006988	10143	(22944)	15.5	294.60200	86.50258	153.36655	3.72124	0.0923485	2.2696993	10160
(22893)	15.1	149.56517	238.60154	95.03926	7.28268	0.2288748	2.5338515	10143	(22945)	14.9	274.16200	87.51123	171.77032	6.09554	0.0674890	2.2993040	10160
(22894)	14.7	207.94295	101.69247	214.56578	3.36761	0.2197430	2.1838084	10143	(22946)	14.4	45.31581	268.16040	203.04192	10.01797	0.1582972	3.1590012	10161
(22895)	13.7	158.31354	136.77704	221.97358	11.22108	0.2077314	2.5743780	10144	(22947)	15.4	347.63378	343.14442	199.36259	1.82670	0.1370795	2.3983199	10161

(22948)	15.1	172.40160	143.58475	183.11465	14.52704	0.1271542	2.6387250	10161	(23000)	13.9	184.81848	210.49145	107.70854	13.92907	0.0541134	2.9292777	10179
(22949)	15.6	219.69180	187.69106	116.34875	4.87377	0.1996738	2.1975542	10162	(23001)	14.0	12.99118	70.85826	52.41206	5.78766	0.0990270	3.2187577	10179
(22950)	15.7	238.98116	196.84969	93.40229	7.25781	0.1185998	2.2657968	10162	(23002)	15.5	286.80759	204.14391	26.14655	6.52130	0.0537662	2.4033731	10180
(22951)	13.5	132.99239	279.77364	75.16493	13.72639	0.1040024	3.1560422	10162	(23003)	15.5	292.53856	31.98827	223.04757	1.84710	0.1739492	2.3591463	10180
(22952)	14.5	177.85377	147.70502	174.35228	13.13240	0.2758381	2.5471076	10162	(23004)	14.4	131.58615	356.86870	5.30042	17.93374	0.1495830	2.7898249	10180
(22953)	15.4	61.99784	293.78776	163.32650	9.52564	0.0791894	2.7234540	10163	(23005)	13.5	74.69708	99.62988	354.31763	12.84960	0.1269517	2.5583250	10181
(22954)	14.8	181.08108	184.38308	145.61077	6.18741	0.1032514	2.7872753	10163	(23006)	15.0	57.82178	298.44714	154.52369	2.12843	0.0200600	2.8943601	10181
(22955)	13.1	162.90551	74.51861	309.27870	21.65719	0.1173524	2.7758986	10163	(23007)	15.5	284.98422	302.80635	319.57535	3.74515	0.1359182	2.2431176	10181
(22956)	15.5	246.58029	177.00996	114.52468	5.26515	0.1722389	2.1899459	10164	(23008)	14.9	168.26474	179.34257	159.39173	2.31729	0.0711462	2.9775198	10181
(22957)	16.2	265.67953	311.05299	306.96481	5.19550	0.1080959	2.2713033	10164	(23009)	13.5	154.61645	124.23756	225.66240	10.25286	0.0718630	3.0625282	10182
(22958)	14.9	192.58245	207.15045	85.75228	3.20405	0.0649787	2.9891347	10164	(23010)	16.1	272.66548	248.79250	16.63766	4.70184	0.1383661	2.2808481	10182
(22959)	14.1	204.64093	121.19320	218.11031	7.58326	0.1088375	2.2794768	10164	(23011)	15.0	351.04749	160.18342	35.42495	5.53870	0.1660293	2.3835861	10182
(22960)	14.5	197.48327	290.36570	39.31750	4.40002	0.1622068	2.3091688	10165	(23012)	13.7	217.45500	241.85728	34.15016	6.12323	0.1125521	3.1942925	10183
(22961)	15.0	356.54212	73.04443	114.62588	3.12911	0.1376215	2.3576033	10165	(23013)	15.2	306.00855	264.42079	344.26437	3.10505	0.1781815	2.3987344	10183
(22962)	14.8	57.49281	304.68726	130.14330	3.05823	0.0452686	3.0945648	10166	(23014)	14.9	198.87854	142.10540	178.81078	3.72589	0.1799410	2.5693714	10183
(22963)	15.1	179.15867	17.67526	330.17804	4.21769	0.1694180	2.2965854	10166	(23015)	14.3	263.15950	89.42985	151.43387	12.26019	0.0707937	3.0006300	10183
(22964)	15.0	10.80293	8.58652	143.16895	1.72299	0.0849809	2.4425515	10166	(23016)	14.9	356.95917	70.16930	92.70577	4.55223	0.0281060	2.6436560	10184
(22965)	13.8	232.32953	263.81760	348.26625	4.68251	0.1281295	3.0927148	10167	(23017)	14.8	233.78343	125.79153	172.89544	3.44972	0.1362948	2.5172469	10184
(22966)	15.0	204.77796	306.27515	6.52975	6.92363	0.1260452	2.4087804	10167	(23018)	14.7	238.27646	215.80040	90.93633	3.88016	0.1998378	2.4178538	10184
(22967)	14.7	124.05798	178.69270	184.29828	8.40313	0.2357822	2.7939694	10167	(23019)	15.6	138.85286	21.94139	356.34598	5.82593	0.0528291	2.7026811	10185
(22968)	14.4	116.51756	340.53497	43.00702	2.50354	0.1060877	2.9232906	10168	(23020)	14.6	223.70508	157.91290	150.56079	1.45246	0.2217950	2.4024513	10185
(22969)	14.6	103.86891	302.55110	104.52576	2.02324	0.1780176	3.0905933	10168	(23021)	13.5	159.64010	257.91867	112.34586	3.18820	0.1253325	2.7456972	10185
(22970)	13.6	107.56865	264.61519	128.40648	14.87467	0.2525621	3.1276115	10168	(23022)	13.9	110.91569	64.41157	356.25123	1.53849	0.0456695	2.8518218	10185
(22971)	14.1	144.04090	282.90469	91.40498	10.20795	0.2268692	2.4102074	10169	(23023)	13.9	290.03359	95.46174	141.83366	2.78675	0.0158767	2.8795447	10186
(22972)	12.1	159.40875	265.21346	77.26168	10.81242	0.1069067	3.0171661	10169	(23024)	14.4	155.27897	303.11029	47.49730	2.48761	0.1474600	2.9829326	10186
(22973)	14.9	128.27860	87.56189	288.77342	1.93020	0.1100557	2.6969918	10169	(23025)	12.6	6.85242	246.29608	285.88693	6.93808	0.0904739	3.4189279	10186
(22974)	14.4	111.65697	4.53862	48.44087	5.83233	0.1620543	2.6329950	10170	(23026)	11.8	132.75638	324.45247	79.29210	11.20573	0.0998275	2.9932116	10187
(22975)	14.1	170.64714	275.82201	71.43235	6.68637	0.2081060	2.4454103	10170	(23027)	13.7	98.78698	199.22428	215.00023	14.12138	0.2030219	2.6748787	10187
(22976)	13.9	243.55863	235.90030	53.16246	7.02236	0.0686592	2.6117696	10171	(23028)	13.7	91.79553	270.43776	134.37867	3.63489	0.0215600	3.3648059	10187
(22977)	13.0	129.50706	98.05578	274.84573	12.78456	0.1337491	2.5417379	10171	(23029)	14.8	14.37102	337.68360	173.38390	1.59268	0.1172573	2.9743283	10188
(22978)	13.1	118.88514	167.15684	228.86706	11.30256	0.1875009	2.6724730	10171	(23030)	11.9	122.76237	8.70017	53.75345	16.05541	0.1248244	2.9618297	10188
(22979)	13.8	130.97884	41.37273	35.09712	3.93998	0.0716026	2.3789081	10172	(23031)	15.4	170.65910	48.84438	287.24911	4.75369	0.2212391	2.2933135	10188
(22980)	15.3	155.72502	22.99495	341.91431	3.60386	0.1643313	2.4225111	10172	(23032)	14.8	151.02336	275.31215	103.65133	7.17511	0.0718367	2.7526188	10189
(22981)	14.8	293.36718	24.51021	235.70463	3.32859	0.1818662	2.2958328	10173	(23033)	13.5	284.86657	203.74346	14.33580	11.85636	0.1234038	3.0877727	10189
(22982)	14.5	147.10112	324.78246	49.08478	2.84796	0.0178841	2.9183164	10173	(23034)	14.5	219.24048	313.24023	359.47472	2.41732	0.1996236	2.4535035	10189
(22983)	14.2	176.91241	62.71879	272.59443	0.76097	0.1011268	2.9449306	10173	(23035)	14.6	92.68700	28.98487	39.36168	6.37170	0.2690187	2.5355343	10189
(22984)	13.5	28.30803	56.22414	83.23158	2.13159	0.1084406	3.1730475	10174	(23036)	14.5	236.47399	271.15240	19.45888	3.12845	0.1459888	2.1428543	10190
(22985)	14.4	190.48129	63.17975	251.84210	12.49198	0.1777379	2.5466297	10174	(23037)	15.0	139.63046	306.76428	67.84198	3.31991	0.2135696	2.4378156	10190
(22986)	14.6	87.58102	272.53098	145.58925	1.13984	0.2065702	3.1941053	10174	(23038)	14.6	184.13662	281.60858	42.58411	6.97418	0.1990842	2.3143838	10191
(22987)	15.2	155.71137	309.95653	25.75002	2.16674	0.0791086	2.8837874	10175	(23039)	13.5	180.35136	138.83347	182.00557	3.79269	0.0936767	2.7439843	10191
(22988)	15.7	319.94890	16.94575	211.85101	1.61198	0.1485710	2.4013370	10175	(23040)	14.8	260.33689	143.22669	111.92310	3.38567	0.0111616	2.7644391	10191
(22989)	14.7	111.23387	154.11783	241.21764	2.03246	0.1617512	2.8438967	10175	(23041)	14.6	103.33080	307.97266	94.10249	3.97429	0.0906787	2.9527919	10192
(22990)	14.8	0.49646	306.75827	226.27609	1.18147	0.1259275	2.6218946	10176	(23042)	14.3	293.45957	99.15001	105.22910	2.85586	0.0327444	3.0766738	10192
(22991)	15.7	171.12387	304.03398	65.07966	2.24418	0.1280866	2.3070933	10176	(23043)	14.7	73.25107	313.17338	126.10630	1.66881	0.2219417	3.1418015	10192
(22992)	14.8	212.24896	192.39563	99.74480	0.94887	0.0072809	3.0030772	10176	(23044)	14.4	251.28631	200.81788	90.06692	4.58995	0.1919724	2.2657337	10193
(22993)	15.3	158.64147	220.97539	135.79207	1.15692	0.1480447	2.6071576	10177	(23045)	14.3	66.81944	294.14707	157.02820	2.33099	0.0063754	2.8594532	10193
(22994)	14.3	152.11608	276.26740	70.53445	3.01011	0.1127612	2.9158598	10177	(23046)	14.2	357.13716	47.31257	124.91191	3.04775	0.0581711	2.8524581	10193
(22995)	14.7	262.86748	36.74374	216.15304	4.37341	0.0837692	2.7795392	10177	(23047)	14.5	178.83913	262.76563	87.76843	6.07867	0.0083987	2.7338960	10194
(22996)	15.2	183.49974	103.02382	217.90358	1.26894	0.0626287	2.9003456	10178	(23048)	14.3	178.30158	233.13593	110.88111	4.76327	0.1128513	2.6821936	10194
(22997)	13.2	21.13275	252.21147	227.43299	15.37769	0.0379139	3.2375509	10178	(23049)	14.9	173.28170	236.89946	116.46369	10.26444	0.1689154	2.7342832	10194
(22998)	14.7	35.47495	29.22466	90.65315	2.56651	0.1326395	3.1810578	10178	(23050)	13.9	160.04136	187.31447	167.17271	2.02114	0.1181410	2.9385687	10195
(22999)	14.7	67.93121	244.89569	200.44699	2.84247	0.0961060	2.6371435	10178	(23051)	13.2	192.41382	174.85751	154.55027	15.14925	0.1281140	2.6094322	10195

(23052)	12.8	48.75190	22.51982	119.92757	15.61474	0.1223448	2.6025671	10195	(23104)	13.8	223.49600	6.75781	291.83021	10.97639	0.1737054	2.6475781	10211
(23053)	14.0	200.22050	242.44965	43.36381	7.38360	0.1360001	3.1781457	10196	(23105)	13.7	126.92197	41.48095	335.56544	6.03296	0.1761086	3.1929424	10212
(23054)	15.2	141.83307	337.92973	27.65568	2.24762	0.0846352	2.8673181	10196	(23106)	12.8	202.34983	35.77622	288.54342	21.20387	0.0109742	3.1674238	10212
(23055)	15.5	244.34492	25.76992	260.36419	2.50343	0.1667955	2.4150167	10196	(23107)	14.2	60.77029	96.00036	356.97776	5.51721	0.1382655	3.2125270	10212
(23056)	13.9	43.08435	155.95675	323.40080	1.12741	0.0350801	2.8401345	10197	(23108)	13.8	245.57084	336.51655	2.48282	8.30241	0.1408585	2.4613113	10212
(23057)	15.0	255.03957	25.34176	243.02680	6.80588	0.1752739	2.5798474	10197	(23109)	13.4	91.74229	315.26928	99.82952	7.68255	0.1614325	3.2065208	10213
(23058)	13.4	179.16489	71.01614	247.42084	12.30804	0.0936034	3.0585835	10197	(23110)	13.8	341.92920	49.17773	182.74835	5.02799	0.0875928	2.8640263	10213
(23059)	14.8	274.72583	325.71946	300.84140	1.91949	0.1944806	2.3523342	10198	(23111)	14.1	61.44439	28.52258	118.10863	6.84359	0.0533437	2.3262511	10213
(23060)	15.4	349.14433	169.06484	25.27318	1.87304	0.0856377	2.5988665	10198	(23112)	14.5	351.81418	189.52514	34.24728	9.88812	0.2102694	2.3223043	10214
(23061)	14.2	6.84963	133.44437	20.54612	1.82418	0.1106416	3.1248026	10198	(23113)	14.5	180.26649	300.76732	47.87066	4.87147	0.1140541	2.7918527	10214
(23062)	15.6	294.38779	270.84820	347.76090	0.88368	0.1459620	2.3937321	10199	(23114)	12.1	85.96449	354.83869	43.63066	1.95817	0.0517375	5.2398421	10214
(23063)	14.8	237.11059	205.85073	80.62666	3.86035	0.0669104	2.8067600	10199	(23115)	14.3	143.90678	338.80937	11.63522	5.10347	0.1781464	3.1833816	10214
(23064)	14.7	111.15505	295.84379	104.31249	3.03658	0.1390867	3.0127978	10199	(23116)	14.5	4.00069	293.84856	284.20844	6.36256	0.1501239	2.5884819	10215
(23065)	13.5	225.74702	117.01866	161.10852	1.98964	0.1451084	3.1023943	10199	(23117)	14.0	327.46891	81.74342	150.54229	0.54923	0.1396429	3.1031209	10215
(23066)	15.0	212.60024	145.90144	162.30187	2.30978	0.0644538	2.8266803	10200	(23118)	12.3	59.05784	73.18910	1.68905	3.68959	0.2052181	5.1746069	10215
(23067)	14.1	332.48601	16.88329	174.52506	0.74696	0.1062705	3.1333019	10200	(23119)	11.6	122.28743	62.44206	317.51052	18.45191	0.1324913	5.2331247	10215
(23068)	14.9	224.70144	102.67400	206.19571	2.33643	0.1550946	2.5299901	10200	(23120)	12.0	201.64063	69.17798	292.87939	12.42692	0.2139147	2.6209381	10216
(23069)	14.5	150.56727	267.87154	94.07787	1.97646	0.0543023	3.1244719	10201	(23121)	14.5	69.22275	113.54583	331.07779	6.37939	0.0571547	2.7368635	10216
(23070)	14.2	22.14856	71.73561	75.46011	5.99148	0.1066399	3.1412285	10201	(23122)	14.6	14.89790	206.47918	311.46942	3.39613	0.0483887	2.4915871	10217
(23071)	15.3	139.95303	230.65311	151.65897	2.55439	0.0872956	2.8869950	10201	(23123)	11.4	74.77432	124.26913	317.73651	8.54434	0.0601241	5.2907350	10217
(23072)	12.6	119.29817	297.79972	90.70688	6.74194	0.1618085	3.2018135	10202	(23124)	13.7	190.37882	221.45923	141.68821	5.02760	0.1983757	2.5341147	10217
(23073)	13.2	282.11293	167.36723	89.22388	6.99693	0.1232867	3.0412472	10202	(23125)	13.2	268.97661	186.11085	95.48590	10.60815	0.0593636	3.0687438	10217
(23074)	14.9	319.59258	172.35195	75.53431	7.38131	0.1224959	2.3380551	10202	(23126)	11.5	157.72603	13.18216	3.33780	1.23450	0.0284764	5.1678691	10218
(23075)	10.8	66.41627	318.20309	104.33813	14.41492	0.1720855	5.2277716	10202	(23127)	13.4	202.07225	313.27800	108.83287	4.74566	0.1435320	2.2189923	10218
(23076)	12.6	182.10646	260.49304	101.25653	17.75531	0.0908382	3.1715111	10203	(23128)	14.8	80.05816	323.27288	146.21112	3.09702	0.0961775	2.2902886	10218
(23077)	13.4	175.34482	280.15763	105.22424	15.70803	0.1517899	2.6443142	10203	(23129)	12.1	112.50621	318.03403	68.26475	19.04984	0.1080228	3.0675873	10219
(23078)	12.7	177.14407	289.68037	88.20823	18.55228	0.1834102	3.1660190	10203	(23130)	13.6	357.01096	333.28568	244.88690	11.18157	0.0869036	2.5612838	10219
(23079)	15.2	211.72763	5.98691	324.83513	1.83502	0.1862515	2.4304681	10204	(23131)	14.2	208.34816	110.90477	285.80832	2.19891	0.1702331	2.2334090	10219
(23080)	12.5	317.87958	168.70610	81.89519	12.82348	0.1657923	2.6662855	10204	(23132)	13.7	311.67454	287.38686	287.16505	4.09119	0.0831527	3.1334609	10220
(23081)	14.1	279.72846	175.71605	87.37140	15.22499	0.1490333	2.6875822	10204	(23133)	14.9	191.67163	205.72598	124.70833	6.91403	0.1471169	2.3845039	10220
(23082)	14.9	91.35052	173.60129	250.74737	1.79141	0.0401578	2.7404267	10205	(23134)	12.8	277.43478	150.83687	158.55720	11.17869	0.0747002	3.0004122	10220
(23083)	14.4	28.71362	254.05490	262.42972	6.36422	0.0496785	2.4413411	10205	(23135)	9.5	7.31479	252.87771	256.58166	17.40151	0.0516339	5.2062335	10221
(23084)	14.6	158.26785	64.61072	288.58809	13.19904	0.1573813	2.6305314	10205	(23136)	13.4	282.15179	164.81200	120.34526	16.34643	0.1210607	2.9262265	10221
(23085)	14.9	84.19226	70.01584	5.87640	5.57798	0.0379803	2.7538151	10206	(23137)	13.9	113.67078	266.46904	128.40498	8.81909	0.2175602	3.0944836	10221
(23086)	14.9	349.05415	177.17557	1.42058	3.42984	0.0588081	2.7615660	10206	(23138)	12.9	241.77036	158.75725	166.92178	11.12108	0.0698761	2.8609559	10222
(23087)	14.4	12.69384	250.90855	254.67946	10.46754	0.0803846	3.0369096	10206	(23139)	14.6	147.57304	287.08668	76.83684	10.54951	0.2188091	2.3891881	10222
(23088)	15.1	270.73813	341.22341	286.64269	3.01729	0.1767043	2.4011193	10206	(23140)	13.6	167.16414	287.93202	48.12086	5.24606	0.0911179	3.2284603	10222
(23089)	15.5	111.69258	101.13505	305.45376	0.97505	0.1016762	2.8677125	10207	(23141)	12.5	232.81887	182.93679	107.46872	10.91259	0.0573642	3.0802413	10222
(23090)	13.5	130.08899	131.09406	261.07312	12.11644	0.1802804	2.5736053	10207	(23142)	12.2	112.21371	191.85260	208.01018	15.54886	0.1436964	3.1953741	10223
(23091)	15.6	244.04259	238.71949	46.83027	4.52613	0.1386498	2.7221179	10207	(23143)	12.9	210.98923	161.65598	166.18331	7.83115	0.2938093	2.6553377	10223
(23092)	13.8	132.71013	294.48663	93.09109	10.59141	0.1860291	2.7232501	10208	(23144)	11.0	74.83959	209.70592	230.14443	9.43981	0.0703097	5.1921877	10223
(23093)	13.6	215.52966	230.73753	89.92557	9.14271	0.2506261	2.3260919	10208	(23145)	15.1	201.01154	207.24499	126.00865	10.95874	0.1954987	2.3168235	10224
(23094)	13.4	175.69981	210.76766	133.84258	10.85175	0.1872269	2.6536704	10208	(23146)	13.6	160.25205	194.91785	123.89294	16.47882	0.1901999	3.0401521	10224
(23095)	14.0	323.15737	255.68249	311.76577	3.90994	0.1165344	3.1690433	10209	(23147)	14.5	163.35030	138.83854	222.64842	4.35173	0.2335948	2.3407549	10224
(23096)	15.4	313.56218	153.63217	113.59046	5.15697	0.1265164	2.2497934	10209	(23148)	13.1	17.22643	126.04678	122.45937	9.57241	0.2348981	2.7604004	10225
(23097)	13.7	184.79191	231.64139	128.59632	4.97318	0.0968001	2.6147450	10209	(23149)	14.6	153.69574	177.90288	170.34269	12.05467	0.2405317	2.6170961	10225
(23098)	14.1	205.12304	127.62451	196.72163	3.67855	0.0996925	2.7434964	10209	(23150)	13.0	90.71171	306.73556	111.44475	23.02457	0.1280268	3.1144539	10225
(23099)	11.4	74.51777	3.96868	100.92853	20.99101	0.1096946	3.1463801	10210	(23151)	14.1	148.21398	91.30565	341.18713	1.33877	0.0329337	2.9016926	10226
(23100)	13.2	218.03018	246.16134	98.22507	10.04248	0.1692946	2.7710083	10210	(23152)	12.1	76.78347	292.39962	129.37610	11.43077	0.1521626	5.1944012	10226
(23101)	12.5	304.00499	173.63124	101.64279	15.40491	0.1300566	2.9846264	10210	(23153)	14.2	5.49568	338.52568	298.65451	5.64327	0.1627273	2.2674123	10226
(23102)	14.2	228.16828	5.13747	304.82938	4.04087	0.0134244	2.7462972	10211	(23154)	13.6	121.19371	11.41432	132.91625	14.02444	0.1233198	2.6876326	10226
(23103)	13.0	127.11380	114.52309	286.38811	10.70034	0.1197878	2.9702725	10211	(23155)	14.2	284.15184	224.71305	116.41186	6.91825	0.1796743	2.3002562	10227

(23156)	15.5	211.16097	322.10630	110.91914	5.16335	0.1158280	2.1892732	10227	(23208)	13.9	12.20501	308.17705	94.33939	11.03310	0.0751479	3.0434841	10242
(23157)	13.3	222.62160	175.62514	167.37748	0.78601	0.1758190	3.1278662	10227	(23209)	13.9	351.06645	328.19333	129.77205	16.82623	0.1966718	2.8917865	10243
(23158)	14.2	222.48460	280.73011	102.21637	6.57738	0.1302335	2.4744329	10228	(23210)	13.6	124.93471	310.52489	344.50512	13.05629	0.0835295	3.0467703	10243
(23159)	13.9	313.06394	48.49247	253.79633	0.41111	0.0714227	3.0468403	10228	(23211)	14.9	144.08126	332.88935	296.53609	14.23815	0.1078627	2.6890013	10243
(23160)	12.2	87.35496	86.01425	19.27316	22.40354	0.0442476	2.6356619	10228	(23212)	14.9	36.67322	206.70101	189.25854	2.32707	0.0578170	2.8723144	10243
(23161)	13.8	198.64045	325.17988	77.16133	11.13663	0.1039262	2.9751631	10228	(23213)	15.2	147.14885	14.59981	264.01622	4.18655	0.0993788	2.7824847	10244
(23162)	15.0	111.25216	284.00181	251.70745	1.81996	0.1285713	2.4615468	10229	(23214)	14.7	160.19905	248.61109	21.95895	2.99213	0.0381788	2.7162863	10244
(23163)	15.1	8.68739	57.88275	253.98470	1.49206	0.2322479	2.3736562	10229	(23215)	14.3	356.21063	4.72896	135.22739	12.73968	0.1241446	2.4747133	10244
(23164)	15.0	330.69450	30.04120	298.83084	1.17033	0.1059545	2.8336107	10229	(23216)	14.9	77.16041	352.62469	16.29481	2.70247	0.1056013	2.6461425	10245
(23165)	14.9	27.93501	153.52320	127.03933	2.09629	0.1357760	2.6507274	10230	(23217)	14.5	286.30680	274.47373	267.26927	4.68513	0.1020357	2.2765897	10245
(23166)	14.1	210.78665	7.55658	51.01647	7.96724	0.1189037	2.7881909	10230	(23218)	14.7	180.96992	326.54853	286.69121	0.81597	0.0520799	2.9386015	10245
(23167)	12.5	326.16049	240.49353	110.69472	9.14737	0.2250404	2.7377337	10230	(23219)	13.8	235.78559	344.56631	229.95691	7.45732	0.1356237	2.5366451	10245
(23168)	14.8	161.86164	35.53323	108.84721	7.59187	0.0977355	2.4197434	10230	(23220)	15.0	51.68956	289.82999	109.99695	3.60407	0.0713443	2.6260623	10246
(23169)	15.8	257.32167	104.68107	308.05093	1.62387	0.0755954	2.2124252	10231	(23221)	14.6	99.52556	228.94488	134.78693	4.08144	0.1584825	2.2945870	10246
(23170)	14.6	199.66143	313.57784	137.31786	14.32743	0.1443092	2.5958470	10231	(23222)	13.1	20.77575	173.55755	259.49712	6.80232	0.2280603	2.5945580	10246
(23171)	13.8	350.22264	126.02500	190.43461	3.81148	0.0981297	2.7937035	10231	(23223)	14.8	32.64081	336.36264	80.79361	2.93336	0.1717065	2.7387816	10247
(23172)	15.8	81.91475	347.50267	248.23784	0.26825	0.0398421	2.2938487	10232	(23224)	15.3	181.96615	42.54394	257.70240	4.26845	0.0542214	2.6526298	10247
(23173)	14.1	133.71615	102.17790	49.43505	12.80270	0.0606750	2.7316579	10232	(23225)	14.0	99.40309	213.89597	163.11220	11.60934	0.2718917	2.4520607	10247
(23174)	11.9	250.58944	227.64712	164.40304	15.78382	0.2597863	3.9349852	10232	(23226)	14.4	84.74773	226.38087	165.19102	2.23045	0.2021548	2.3701654	10247
(23175)	13.6	309.20918	303.58753	47.29277	7.19713	0.1246762	2.4401542	10232	(23227)	13.1	308.30277	225.31738	345.55990	4.38284	0.1566264	3.1638777	10248
(23176)	14.2	214.99096	5.97771	77.88888	2.33054	0.0623921	2.7166414	10233	(23228)	15.5	235.44785	3.72886	235.24129	6.18610	0.0772613	2.3268634	10248
(23177)	13.1	60.48347	171.69462	103.83259	7.18441	0.1006891	2.3530463	10233	(23229)	14.6	101.51275	204.41417	145.71589	2.02940	0.2174539	2.5584008	10248
(23178)	15.9	150.74875	278.50123	256.09427	3.18605	0.0867667	2.2636040	10233	(23230)	15.1	144.17874	205.50019	111.67062	4.07777	0.2030613	2.3589383	10249
(23179)	14.5	288.61066	183.73464	231.66766	3.75581	0.1327870	2.2343532	10234	(23231)	13.3	254.08691	118.98535	107.31452	7.41986	0.0641107	2.3392441	10249
(23180)	14.5	66.08629	126.45766	188.39196	10.33281	0.1027422	2.3100458	10234	(23232)	14.3	128.98854	166.08557	159.62807	3.65983	0.1864916	2.4513085	10249
(23181)	14.5	28.51653	116.12156	251.55836	8.99930	0.2045883	2.2448956	10234	(23233)	13.5	316.86532	265.09667	309.07352	21.27896	0.2497975	2.3310889	10249
(23182)	15.3	22.69834	225.97754	118.39451	6.68898	0.0607840	2.5226412	10234	(23234)	14.5	103.78461	327.02330	55.59254	7.27192	0.1513621	2.4713696	10250
(23183)	16.2	38.83400	301.36947	119.78503	40.94307	0.4017853	1.8241524	10235	(23235)	14.5	65.86059	302.10391	95.56763	2.70597	0.1365063	2.5649098	10250
(23184)	13.9	105.49037	120.73809	153.14326	21.77210	0.2067954	2.4118218	10235	(23236)	13.6	109.97696	245.97591	92.13967	9.11076	0.2853546	2.7342797	10250
(23185)	13.2	18.06819	291.07320	108.59957	14.77890	0.2174721	2.9887742	10235	(23237)	15.6	116.48857	241.66624	116.45251	1.91294	0.1038054	2.7338143	10251
(23186)	11.1	172.50527	105.42932	98.68673	13.07734	0.1257517	3.9946271	10236	(23238)	15.5	171.58113	277.04306	6.41727	6.23692	0.1238371	2.4620221	10251
(23187)	16.1	28.64911	293.53275	164.46321	51.30429	0.5897733	1.8448573	10236	(23239)	14.3	92.62855	36.56152	309.58970	3.99151	0.2834676	2.5827541	10251
(23188)	13.6	215.69614	21.87336	138.94182	19.73587	0.2237673	2.7725718	10236	(23240)	14.7	85.91955	7.30276	5.08467	3.12074	0.2119387	2.4446043	10252
(23189)	14.0	28.09819	258.55107	86.50908	2.35342	0.1320216	3.2163186	10237	(23241)	15.1	171.02466	67.26803	208.66885	4.95435	0.0991604	2.5733653	10252
(23190)	15.0	4.28475	270.16604	142.14310	4.09770	0.1396139	2.5217522	10237	(23242)	14.6	233.20406	158.68668	101.80748	16.46762	0.1539215	2.6937848	10252
(23191)	14.3	313.25260	103.14483	341.97557	1.49807	0.1940075	2.8977730	10237	(23243)	13.9	79.23876	177.79625	174.21364	16.38804	0.2384015	2.7953530	10252
(23192)	14.3	281.20640	165.40647	321.69447	8.74817	0.0279425	2.9903538	10238	(23244)	14.5	59.00241	249.96512	130.91752	13.56635	0.2050450	2.7082887	10253
(23193)	14.1	56.24910	121.71790	288.67144	4.26139	0.2213798	2.4519722	10238	(23245)	15.8	68.07940	164.59870	257.35676	1.62222	0.1535925	2.2981793	10253
(23194)	14.7	85.96218	145.18006	176.51615	6.09387	0.2142658	2.1861314	10238	(23246)	15.0	85.48141	279.29301	118.73785	7.96211	0.1994400	2.5713583	10253
(23195)	14.1	277.15582	282.75606	217.49356	6.68013	0.1047744	3.1586082	10239	(23247)	13.7	98.38684	237.44050	102.55516	13.09097	0.0263794	2.9633052	10253
(23196)	13.2	219.06844	359.57503	178.20868	14.93420	0.1749800	3.1261000	10239	(23248)	14.5	15.37404	323.74618	79.78824	9.52751	0.1057643	2.5348579	10254
(23197)	14.4	149.07318	104.10867	196.80103	2.28919	0.1829267	2.4541883	10239	(23249)	15.5	323.65291	358.07628	147.34640	7.04382	0.0503623	2.3314508	10254
(23198)	14.2	103.65120	228.96995	72.15040	3.07619	0.0533030	2.8515299	10239	(23250)	14.5	31.55622	314.69855	152.96877	23.48435	0.3085620	2.3255817	10254
(23199)	14.5	321.17581	162.25712	290.03339	5.45562	0.0507616	3.0421389	10240	(23251)	13.9	86.91669	333.30109	9.89280	6.92082	0.2532063	2.7869530	10255
(23200)	12.7	37.79994	353.57798	31.58800	25.60528	0.2332255	2.3647281	10240	(23252)	13.1	344.24864	99.98024	47.07556	12.19705	0.1676318	2.3296863	10255
(23201)	14.3	352.36323	238.74723	214.81270	4.96887	0.1523863	2.2516438	10240	(23253)	13.4	93.60833	168.44490	203.02700	11.11897	0.2270002	2.6263596	10255
(23202)	13.3	96.90844	2.43077	283.79001	9.86985	0.0995891	3.2374272	10241	(23254)	13.7	59.88606	15.95429	45.34487	4.98991	0.1415163	2.7147479	10255
(23203)	13.8	285.24318	5.69985	128.92040	15.20371	0.1212405	2.6735158	10241	(23255)	12.5	65.72813	247.07058	143.17281	28.08471	0.1937056	2.6552033	10256
(23204)	15.1	166.37477	256.41750	57.94400	7.19962	0.1369082	2.3271259	10241	(23256)	15.1	39.49678	70.81736	16.63237	1.69331	0.1535597	2.4266216	10256
(23205)	13.4	48.62301	249.98029	140.28908	13.40571	0.1675906	2.6690342	10241	(23257)	14.9	61.34055	112.69952	307.31333	5.71772	0.1106778	2.5373922	10256
(23206)	13.5	8.40158	274.11963	158.08966	9.10328	0.1091170	2.7276087	10242	(23258)	14.9	170.29118	241.85688	72.77768	6.84996	0.1701344	2.3176035	10256
(23207)	14.2	37.43563	48.10176	349.81352	2.98751	0.2279811	3.1492375	10242	(23259)	14.7	15.24542	5.88738	105.95709	9.17590	0.0775834	2.2707619	10257

(23260)	14.3	129.94041	130.93507	228.05341	4.13865	0.2117799	2.2283688	10257	(23312)	15.4	141.58767	50.51400	310.09724	5.14991	0.1705706	2.1549891	10272
(23261)	14.7	129.10266	243.12893	112.82878	13.94190	0.0420138	2.5973866	10257	(23313)	14.8	95.56063	89.53538	310.96761	5.63428	0.1683602	2.2427753	10272
(23262)	15.4	84.91479	289.82522	107.03465	6.10040	0.0436134	2.4097284	10258	(23314)	14.7	107.04727	254.26478	131.29881	13.90550	0.1964571	2.5337797	10273
(23263)	13.9	176.11497	196.57296	107.12115	16.11153	0.1185323	2.5630388	10258	(23315)	14.1	355.33588	170.31024	334.86985	8.07746	0.0932102	3.0572642	10273
(23264)	14.6	120.81791	38.24380	303.49787	4.00832	0.2379441	2.5706544	10258	(23316)	14.6	144.21095	226.10439	123.33641	28.40752	0.1256763	2.6671101	10273
(23265)	14.6	20.84581	244.38823	228.33935	2.61794	0.0819542	2.5293295	10258	(23317)	14.6	123.79757	114.25330	253.16744	2.86982	0.2065798	2.2815967	10273
(23266)	15.0	104.14781	181.56107	183.86764	2.30875	0.2275944	2.3848186	10259	(23318)	12.6	260.86488	109.49061	152.26202	12.12700	0.0612637	3.1969966	10274
(23267)	15.3	82.55793	278.21169	99.87013	4.46036	0.2755251	2.5824810	10259	(23319)	13.2	270.79323	296.39172	328.71220	10.45164	0.1859913	2.4738943	10274
(23268)	13.7	172.54880	208.05941	108.37292	7.05138	0.2004252	2.2735687	10259	(23320)	15.6	91.79900	314.91139	87.86113	0.70130	0.2236599	2.2928781	10274
(23269)	11.4	258.74712	306.25210	285.77072	8.71852	0.0233202	5.2285904	10260	(23321)	13.9	297.36559	225.41487	353.55704	13.34590	0.0906732	2.7735788	10275
(23270)	15.5	74.61445	298.57696	105.52503	3.84416	0.1788195	2.4585546	10260	(23322)	15.7	51.79441	283.36071	150.82686	3.97061	0.1873941	2.6125392	10275
(23271)	15.5	84.33848	241.69266	171.98505	6.56647	0.1202413	2.3125307	10260	(23323)	14.2	276.04677	49.82056	179.36243	2.86876	0.0499348	3.0425657	10275
(23272)	14.1	115.98770	119.31566	256.01714	2.34622	0.2316487	2.3837679	10261	(23324)	14.8	309.53377	62.27084	153.09095	3.61475	0.1887070	2.5884851	10275
(23273)	13.7	282.71328	92.02873	102.69668	10.78028	0.0932489	3.1358627	10261	(23325)	16.0	221.12150	173.42568	104.95483	4.74190	0.1263619	2.3519881	10276
(23274)	14.7	196.58928	354.24057	293.18612	9.19698	0.0665960	2.9931348	10261	(23326)	13.6	276.69358	91.03886	152.56049	6.61200	0.1634506	3.1275399	10276
(23275)	14.3	89.29907	235.33390	124.95723	15.16885	0.1469830	3.1231945	10261	(23327)	15.2	40.89780	319.95205	146.44147	5.75553	0.1116413	2.3358606	10276
(23276)	13.6	69.09948	247.98941	142.03090	10.10669	0.2706028	2.4203053	10262	(23328)	12.4	207.63314	351.96151	330.30216	9.85060	0.0864545	3.1250469	10277
(23277)	15.5	277.81086	141.02937	116.22768	7.72478	0.0336130	2.2507334	10262	(23329)	16.0	20.29172	254.42335	234.09449	6.44341	0.0500075	2.3186507	10277
(23278)	13.0	98.29462	282.95503	140.13311	12.60278	0.1139668	3.2057368	10262	(23330)	16.3	110.26823	185.22893	211.17102	7.05232	0.0964310	2.1994567	10277
(23279)	15.4	122.17138	16.12250	351.80735	4.04097	0.1667388	2.2689739	10262	(23331)	14.7	298.95751	32.65343	203.02152	7.05770	0.1324349	2.3705069	10277
(23280)	14.4	126.31027	300.26979	65.67576	2.94676	0.1914991	2.2411440	10263	(23332)	15.9	145.40121	325.56580	39.06901	1.15888	0.1598593	2.1535699	10278
(23281)	15.2	138.69765	256.97561	101.47750	5.66302	0.1670413	2.3210545	10263	(23333)	15.2	311.24847	232.64485	357.33184	5.43066	0.0540439	2.4610344	10278
(23282)	13.9	114.80903	333.30250	49.13884	4.64577	0.1430708	2.2408054	10263	(23334)	15.4	139.87903	350.88997	10.17548	6.37589	0.2503476	2.3308057	10278
(23283)	15.6	105.38170	294.75241	99.56894	4.60836	0.0419003	2.3960606	10263	(23335)	14.7	69.38343	331.15982	50.31043	3.70313	0.2330155	2.3537690	10279
(23284)	15.4	264.57512	190.34422	69.61099	3.23097	0.1650022	2.4353968	10264	(23336)	14.6	334.23084	216.55949	26.97518	7.95698	0.1726729	2.2976605	10279
(23285)	10.9	16.23961	133.82497	329.91843	16.56030	0.0580099	5.1250294	10264	(23337)	14.8	79.76851	219.62845	192.86698	4.51579	0.1465846	3.1274207	10279
(23286)	14.7	306.28431	210.34986	1.41100	8.12460	0.1776884	2.5267815	10264	(23338)	15.1	74.91443	246.98779	176.22793	2.02278	0.0512942	2.8666863	10279
(23287)	14.0	290.09909	237.50564	341.01653	8.34182	0.1003281	2.8065092	10265	(23339)	14.8	232.36550	333.27991	309.16011	11.54241	0.1452504	2.6369510	10280
(23288)	15.1	53.55127	247.00367	167.70614	12.12214	0.3021562	2.6434474	10265	(23340)	15.1	193.44779	2.54886	295.03697	7.38970	0.2401446	2.6455923	10280
(23289)	15.3	128.02099	336.67052	27.74545	5.53722	0.1699003	2.3405223	10265	(23341)	14.7	209.08711	56.73972	244.67349	11.38762	0.1535163	2.6398413	10280
(23290)	14.2	105.91966	16.21225	356.86123	4.24045	0.1807549	2.6004457	10265	(23342)	16.6	96.20330	128.89878	244.85955	2.12623	0.2160419	2.6690785	10281
(23291)	15.9	138.02187	340.07977	15.38822	2.51579	0.1131579	2.2738279	10266	(23343)	15.5	56.31064	241.97140	201.80210	12.71932	0.2390547	2.6672370	10281
(23292)	14.7	129.41940	340.11228	11.40183	3.69521	0.2252072	2.3804626	10266	(23344)	15.0	60.92223	14.78436	63.38300	0.31499	0.1799876	2.3388269	10281
(23293)	14.6	126.66586	39.79254	320.47841	5.39501	0.2032613	2.2211847	10266	(23345)	15.9	20.24953	91.00796	4.87305	1.83588	0.0995894	2.2160452	10281
(23294)	14.5	74.74276	70.91643	354.63759	4.90752	0.2161130	2.3621605	10266	(23346)	15.7	308.90882	183.75727	3.78388	6.27866	0.0391353	2.3325696	10282
(23295)	15.4	358.43347	295.63499	231.86540	8.96323	0.1062905	2.3117152	10267	(23347)	15.1	269.54562	218.58224	37.99898	7.55002	0.2043656	2.3142544	10282
(23296)	15.1	93.49560	128.18472	248.19646	5.63210	0.1982898	2.2562479	10267	(23348)	14.6	100.93627	9.07767	357.43650	12.08137	0.2047270	2.6681291	10282
(23297)	13.7	163.59871	78.05381	240.00415	5.14141	0.2127964	2.2229418	10267	(23349)	15.4	299.34907	75.36572	68.47893	3.13362	0.0490700	2.6845088	10282
(23298)	14.8	116.94429	123.90361	242.76589	3.65322	0.1626326	2.2870984	10267	(23350)	14.9	266.85824	131.72122	135.29198	4.15324	0.0557668	2.6288389	10283
(23299)	15.1	132.88761	220.72668	136.32931	10.96990	0.0399668	2.5853031	10268	(23351)	14.5	238.27085	233.85406	70.33467	3.50718	0.1964131	2.6195221	10283
(23300)	14.3	304.59599	104.63516	121.39738	23.88243	0.2477987	3.3705682	10268	(23352)	16.1	203.22203	197.30944	97.15093	2.52794	0.2506519	2.3218923	10283
(23301)	10.9	204.58930	359.27886	301.71084	21.40234	0.1956116	2.9929977	10268	(23353)	14.5	307.50505	258.38523	12.72535	2.42545	0.1671876	2.4330809	10283
(23302)	13.2	318.97597	249.74270	317.78971	12.69100	0.1211936	2.5918927	10269	(23354)	14.3	121.50212	164.78696	189.88660	7.55867	0.2131128	2.4861967	10284
(23303)	12.8	288.55252	282.36426	321.27389	12.03806	0.1456279	2.5993505	10269	(23355)	11.7	99.82748	244.68728	147.11139	7.04935	0.0603696	5.2775273	10284
(23304)	12.9	145.69481	68.18657	314.81239	9.72952	0.1650741	2.6241219	10270	(23356)	14.2	1.03718	246.18146	187.34765	11.52873	0.1345881	3.0132205	10284
(23305)	12.3	331.54104	234.04751	340.50806	10.66247	0.0818725	3.0412276	10270	(23357)	15.6	61.79686	173.53293	277.44738	1.43475	0.1053172	2.4257963	10285
(23306)	14.3	100.28900	211.12497	165.69539	6.80014	0.1215875	2.3434738	10270	(23358)	15.8	25.40063	91.35423	37.56429	2.76975	0.1509142	2.6508279	10285
(23307)	15.9	126.07334	205.43548	158.09421	7.23418	0.1241656	2.3033642	10270	(23359)	14.6	108.99731	356.95061	22.27055	6.17048	0.1832493	2.2548611	10285
(23308)	15.4	98.43424	28.34383	352.34977	3.98803	0.0704787	2.5672186	10271	(23360)	15.2	356.71553	355.64279	276.56846	1.79486	0.1452816	2.3779560	10285
(23309)	14.3	307.75881	61.67253	130.23401	11.13451	0.0374929	2.9708184	10271	(23361)	15.5	170.53853	347.65657	357.75251	3.91924	0.1427560	2.2498759	10286
(23310)	15.2	45.90999	53.58247	36.33036	4.87837	0.0836231	2.2588273	10271	(23362)	17.2	336.75209	5.11690	189.53619	5.41443	0.1251712	2.2402832	10286
(23311)	13.1	208.90569	187.97227	79.31222	15.64093	0.0773556	2.5992138	10272	(23363)	15.6	309.86875	29.51968	191.17231	6.23229	0.1293511	2.2439005	10286

(23364)	16.5	256.58657	231.10066	50.08966	4.30515	0.1678708	2.2434074	10287
(23365)	15.3	10.44869	61.89919	91.44625	3.05284	0.1554569	2.4230856	10287
(23366)	15.9	52.06394	163.95846	306.60795	2.03815	0.1718531	2.4014757	10287
(23367)	14.7	88.99278	45.05687	1.13907	9.38312	0.0667920	2.9761987	10288
(23368)	14.0	308.06579	241.70300	2.15092	5.10005	0.1521932	2.5965112	10288
(23369)	14.5	82.89262	48.24117	7.37703	12.78817	0.2790082	2.6661992	10288
(23370)	14.1	77.37587	208.75571	218.62868	1.90848	0.1844839	2.9818788	10288
(23371)	14.5	96.77239	134.35531	200.21841	5.88225	0.0476341	2.7052060	10289
(23372)	16.0	65.17072	96.74764	351.73906	1.10247	0.1400629	2.4038561	10289
(23373)	15.4	60.26984	161.69048	196.27035	1.91695	0.1011851	2.7168972	10290
(23374)	14.6	26.96135	209.81132	112.56795	0.26182	0.1615369	3.1258208	10290
(23375)	14.7	155.82576	229.39617	11.25550	12.92118	0.1303601	3.0732117	10290
(23376)	14.9	348.65392	210.05136	182.75612	1.52731	0.1873232	3.1003824	10290
(23377)	15.5	104.31568	263.41857	144.67658	2.78768	0.1889394	2.4031858	10291
(23378)	15.7	271.07891	245.28844	18.67635	6.93358	0.0973051	2.3747459	10291
(23379)	14.6	151.60503	210.71632	170.09849	11.82156	0.1222099	2.6261970	10291
(23380)	14.6	329.97589	114.05664	13.66944	9.80152	0.0610688	3.0215817	10291
(23381)	15.4	51.69093	50.94220	9.41397	1.40617	0.0820926	3.0008164	10292
(23382)	11.8	43.58032	283.44382	174.45727	15.05990	0.1064142	5.1906098	10292
(23383)	11.5	45.33400	136.63642	301.36889	10.79127	0.1099242	5.2422411	10292
(23384)	13.4	304.23007	227.75419	296.37513	10.04035	0.1577598	3.0255664	10293
(23385)	13.6	153.58751	119.06104	228.36507	9.65676	0.1108812	2.9628867	10293
(23386)	14.6	50.69557	232.83059	229.44799	9.98625	0.0682669	2.9675930	10293
(23387)	14.5	206.18111	322.59332	346.35032	12.80227	0.1306371	2.6569338	10293
(23388)	14.5	103.25562	49.51640	355.90982	13.32295	0.1617305	2.6838808	10294
(23389)	14.7	301.17670	224.87239	324.56288	9.65011	0.0144819	3.1004922	10294
(23390)	14.2	145.34696	359.29512	353.18749	16.19670	0.1107897	3.0789670	10294
(23391)	16.2	196.92950	354.75634	329.73196	4.59742	0.0154725	2.1590810	10295
(23392)	14.0	71.73339	197.18193	274.34434	1.40279	0.1657066	2.3785882	10295
(23393)	15.4	38.16372	310.60003	169.58924	3.57637	0.0346079	2.6711697	10295
(23394)	15.6	159.14690	287.05974	56.58849	7.13347	0.1385075	2.3861871	10295
(23395)	14.3	83.46063	38.38616	53.12796	15.84721	0.0862582	2.6589419	10296
(23396)	14.3	130.08805	184.55422	110.94816	8.18861	0.1046941	2.7489021	10296
(23397)	15.4	223.78241	192.48320	112.34211	6.95063	0.2485269	2.3555480	10296
(23398)	15.1	28.41117	59.34210	102.92821	7.18546	0.0593701	2.3635286	10297
(23399)	13.5	125.68546	326.68411	73.08068	10.94568	0.0923439	3.0562270	10297

2226 P-L = 1993 FJ₂₈
 2212 T-1 = 1999 VK₁₂₁

MPO 8351
 MPC 38737

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

1972 RG = 1955 WJ = 1986 RG₄ = 1991 EO₇ = 1998 DO₁₃ = 1999 LJ₃₁ = 2001 BH₅₁
 1973 SN = 2001 BS₇₉
 1979 QQ₂ = 2001 AT₄₅
 1980 FV₃ = 1999 RT₆₀
 1981 EB₃₀ = 2001 DK₅₉
 1981 EN₃₃ = 2001 DM₆₃
 1983 RJ₁ = 2001 DD₇₂
 1986 WV₈ = 1998 MN₄₀
 1987 SA₄ = 2001 DJ₃₆
 1988 DX₄ = 2001 DX₈₄
 1989 SX₉ = 2001 BT₆₂
 1989 UO₂ = 2000 HV₉₈ = 2000 JS₈₇
 1990 TH₃ = 2001 CN₂₇
 1991 CG = 2000 SO₃₅₁
 1991 PC₁ = 2001 CM₄₂
 1991 PZ₁ = 2001 BW₂₀
 1991 VR₈ = 1998 FU₈
 1992 CK₁ = 2001 DO₂₂
 1992 CM₃ = 2001 CW₄₃
 1992 EC₅ = 1999 DT₈
 1992 EN₂₉ = 2001 DA₄₀
 1992 UQ₁ = 2001 DN₁₉
 1993 FN₅ = 2001 DM₄₁
 1993 FG₁₄ = 2001 DC₁₉
 1993 FC₂₇ = 2001 DP₇₃
 1993 FL₃₂ = 1998 FU₁₈
 1993 FB₅₂ = 2000 YS₁₀₂
 1993 FU₅₂ = 1996 VM₂₈ = 2000 UB₅₅
 1993 FX₅₅ = 2001 DJ₂₃
 1993 FM₅₇ = 2001 BH₆₉
 1993 NC₂ = 1998 SE₆₉ = 2001 BU₇₀
 1993 PS₃ = 2000 HW₅₅
 1993 QD₇ = 2001 AU₄₈
 1993 RF₁₁ = 1996 LG₂
 1993 TG₃₇ = 2001 DQ₅₂
 1993 TZ₄₃ = 1997 WT₂₆
 1994 BT₄ = 1998 HU₄₁ = 2000 YE₁₃₀
 1994 CX = 2001 DX₇₁
 1994 CK₃ = 2000 SB₃₃
 1994 CR₁₆ = 2001 AS₃₈
 1994 EW₃ = 2000 YF₁₀₃
 1994 GB₇ = 2001 CO₁₀
 1994 JG₅ = 2001 DW₆₃
 1994 PH₅ = 2000 CE₁₀₃ = 2000 DP₃₉
 1994 PF₁₆ = 2000 DE₄₅
 1994 PS₃₅ = 1998 VW₅₀ = 2000 EP₂₀₂
 1994 PZ₃₇ = 2000 WG₁₄₂

SUMMARY OF IDENTIFICATIONS

The following identifications are invalid:

1993 FV ₈₁	= 2000 AK ₃₅	MPO 8003
1995 GB ₅	= 1993 TY ₄₅	MPO 5410
1998 BA ₃	= 1979 SO ₇	MPC 31397
1998 YA ₂₇	= 2000 KM ₄₄	MPO 6821
1999 RZ ₁₈₂	= 1989 XT	MPO 1105
1999 TF ₆₇	= 2001 BV ₂₂	MPO 9182
1999 XV ₅₄	= 1975 HF	MPC 40084
2000 FL ₁₃	= 1991 BK ₁	MPC 40223
2000 GT ₄₆	= 1984 BJ ₇	MPO 7021
2001 AJ	= 1999 TK ₁₉₈	MPO 9570
2001 BP ₇₁	= 1999 TF ₅₄	MPO 9641

1994 RF₁₁ = 2001 DG₃
 1994 TW₃ = 1955 BG₁ = 2001 BA₃
 1995 DY₈ = 2001 DJ₆₉
 1995 OD₈ = 2001 DL₈₀
 1995 OY₉ = 2001 BM₇₀
 1995 ST₂ = 2000 YR
 1995 SN₃₂ = 1999 XM₅₇
 1995 UJ₁₇ = 2000 CN₉₅
 1995 UQ₄₆ = 2000 AZ₁₃₄
 1995 WC₁ = 2000 AW₉₀
 1995 WT₃₆ = 2001 BD₆₂
 1996 AG₆ = 2001 DE₄₄
 1996 ER₁ = 1987 SU₂₆ = 2001 CU₃₂
 1996 EB₇ = 1981 ES₄₆ = 2001 DK₇₁
 1996 JD₆ = 1997 XO₄ = 2000 KO₇₇
 1996 ML = 2000 EV₁₅₀ = 2000 GU₈
 1996 RV₂₇ = 2001 BJ₁
 1996 TS₃₁ = 1998 FH₇₆ = 2000 UO₄₀ = 2000 WZ₄₁
 1996 TB₆₇ = 2000 YF₇₁
 1996 VV₁₁ = 1999 TB₂₇₅ = 2001 CC₁₅
 1996 XS₁₃ = 2001 DV₁₁
 1996 XA₂₆ = 2000 SR₃₅₁
 1996 XC₂₆ = 2001 DQ₆₉
 1996 XB₂₇ = 2001 DJ₄₇
 1997 AO = 2001 CT₃₄
 1997 AV₃ = 2001 DY₄₅
 1997 AH₁₅ = 2001 CL₃₅
 1997 AL₂₁ = 2001 CA₃₆
 1997 CT = 2001 CM₂₉
 1997 CB₆ = 2001 DC₇₂
 1997 CR₆ = 2001 CK₃₈
 1997 CJ₁₆ = 2001 CC₃₇
 1997 ET₂ = 2001 BR₄₈
 1997 EU₃ = 1998 UV₄₅ = 2000 BO₄₇
 1997 EC₂₆ = 1997 CN₂₆ = 2001 CG₂₃
 1997 EB₃₀ = 2001 DK₈₃
 1997 GB₄ = 2001 DR₆₈
 1997 GO₂₀ = 2001 DC₄₇
 1997 GU₂₃ = 1999 TF₂₉₁
 1997 HA₁ = 2001 CX₄₅
 1997 HB₁₀ = 1992 EV₁₉ = 1992 EW₃₆ = 1997 GR₄₀ = 1999 XL₆₇
 1997 HZ₁₅ = 1998 SH₉₄
 1997 LN₂ = 2000 YK₁₀₂
 1997 LY₁₂ = 1999 TT₂₈₀ = 2000 YX₁₁₉
 1997 UC₁₇ = 2000 KU₉
 1997 WB₃₉ = 1999 FF₅₆ = 2000 SO₂₄₁
 1997 YZ₃ = 2001 CM₂₀
 1998 CN₄ = 1999 TW₂₀₆
 1998 DR₁₇ = 2000 WH₁₉₁
 1998 FW₁₀ = 2000 YF₁₃₁
 1998 FQ₁₅ = 1999 NA₂₀ = 2001 BV₃₀
 1998 FA₃₈ = 1994 AQ₁₆ = 1998 FA₁₄₉
 1998 FD₄₆ = 2001 DA₁₄
 1998 FP₄₆ = 2001 AD₃₄
 1998 FU₅₇ = 2000 SA₂₄₀ = 2000 TH₇₀
 1998 FQ₆₆ = 1985 QK₆
 1998 FB₇₃ = 2001 CE₂₈
 1998 FE₉₅ = 2001 BH₁₉
 1998 FT₁₀₅ = 2001 DZ₃₈
 1998 FP₁₁₆ = 2001 DN₁₄
 1998 FZ₁₁₇ = 2000 YB₁₂ = 2000 YP₁₄₀
 1998 FY₁₂₉ = 2001 BR₂₈ = 2001 CW₁₈
 1998 HN₆ = 2001 BH₇₄
 1998 HW₉ = 2001 DD₁₅
 1998 HE₂₂ = 2000 US₃₈ = 2000 VG₆₄
 1998 HK₄₃ = 2001 CO₄₁
 1998 HR₄₅ = 2001 DN₃₈
 1998 HE₆₁ = 1999 TE₁₇₅
 1998 HV₆₃ = 2000 QQ₁₈₀ = 2001 AZ₂₈
 1998 HP₉₄ = 2000 SU₁₅₆ = 2000 SD₂₃₇
 1998 HB₁₀₂ = 2001 DY₅
 1998 HA₁₂₈ = 2000 YQ₁₃₆
 1998 HS₁₃₂ = 2000 WY₉₃ = 2000 YK₇₁
 1998 HX₁₄₄ = 1991 XL₃ = 2000 XE₃₂
 1998 KS₈ = 2001 BD₅₀
 1998 KJ₂₈ = 2001 DK₄
 1998 KB₄₁ = 1991 JB₆ = 2001 BK₃₂
 1998 KJ₆₃ = 1991 LM₆ = 2001 CE₂₉
 1998 KO₆₄ = 1999 TZ₁₅₀ = 2001 BN₆₆
 1998 KS₆₄ = 2001 BU₅₈
 1998 MT₅ = 2001 BV₄₁
 1998 ML₃₄ = 2001 DY₆₄
 1998 OT₁₄ = 2000 CB₅₂ = 2000 CJ₉₈
 1998 QJ₁₁ = 2001 DF₇₂
 1998 QP₁₄ = 1999 TC₂₁₀
 1998 QM₁₇ = 1993 KY₂ = 2001 BM₇₃
 1998 QW₂₄ = 2001 DQ₇₆
 1998 QQ₂₆ = 2000 AY₂₂₅ = 2000 AU₂₄₉
 1998 QC₄₃ = 2000 GY₁₈₄
 1998 QB₄₉ = 2001 DG₅₃
 1998 QL₄₉ = 2001 CY₂₅
 1998 QS₅₀ = 2001 DK₁₁
 1998 QU₅₄ = 2000 BZ₄₄ = 2000 CB₁₂₀
 1998 QC₅₈ = 1995 WM₄₁ = 2000 EE₁₇₇
 1998 RF₂ = 2001 CA₃₁
 1998 RB₁₃ = 2001 DP₅₆
 1998 RA₃₇ = 1998 QT₁₁₀ = 2000 AV₂₅₃
 1998 RV₄₅ = 2001 DD₇₁
 1998 RE₅₄ = 2001 DP₆
 1998 RS₅₇ = 2001 CN₂₆
 1998 RF₆₅ = 2000 GY₁₈₂
 1998 RW₆₉ = 2001 DY₈₂
 1998 RO₇₅ = 2001 DH₅₄
 1998 RQ₇₉ = 2001 DZ₃₄

1998 SS₆ = 2001 DW₆₉
 1998 SR₉ = 2000 AG₂₁₃ = 2000 AG₂₁₃
 1998 SW₁₃ = 1998 QU₃₉ = 2001 DK₆₀
 1998 SU₃₂ = 2000 GE₁₄₈
 1998 SX₃₂ = 2001 DH₆₅
 1998 SB₃₆ = 2001 DN₈
 1998 SA₄₄ = 2001 DT₅₆
 1998 SC₅₇ = 2000 AE₂₅₄ = 2000 CK₆₇
 1998 SZ₇₈ = 1998 SM₁₆₇ = 2000 AV₁₀₈
 1998 SV₈₃ = 1995 BD₆
 1998 SN₈₅ = 2001 DS₇₄
 1998 SM₉₃ = 2001 BO₇₈
 1998 SD₁₀₀ = 2001 BY₆₉
 1998 SU₁₀₃ = 1998 WX₄₂
 1998 SD₁₂₉ = 2001 BA₅₀
 1998 SX₁₄₂ = 2001 DV₅₁
 1998 SS₁₄₇ = 2001 DX₂₁
 1998 SH₁₆₀ = 1998 SN₁₆₇ = 1994 XC₃
 1998 TY₂ = 2000 GX₂₃
 1998 UR₄ = 2000 AP₂₀₂
 1998 US₄ = 1999 TJ₂₅₄ = 2001 CM₃₈
 1998 UL₇ = 2000 ET₁₃₅ = 2000 EM₁₅₄
 1998 UH₁₆ = 1991 HX₂ = 2001 AQ₁₂
 1998 VH₁₅ = 2000 FM₁₅
 1998 VW₁₆ = 2000 EA₁₀₁
 1998 VO₂₂ = 1997 JG₄ = 2000 FP₆₇
 1998 VK₃₁ = 2000 EV₁₅₈
 1998 WH₈ = 1995 AB₄ = 2000 ET₂₀₀
 1998 XA₃₀ = 2000 ET₁₁₇
 1998 YP₆ = 2000 FJ₆₈
 1999 AH₂₅ = 1979 MY₈ = 1979 OX₅
 1999 BZ₅ = 1999 CP₁₅₈
 1999 CR₃₃ = 1996 PU₃
 1999 EG₇ = 1997 UK₂₃
 1999 FU₂₇ = 1978 RK₆
 1999 GF = 1992 SV₂₅
 1999 HL = 1993 SV₉ = 2000 QY₂₄₉
 1999 HT₁ = 2000 RU₁₀₅
 1999 JX₇ = 2001 AM₄₆
 1999 JL₂₀ = 2000 SH₂₂₈ = 2000 SY₂₃₆
 1999 JP₂₆ = 2000 NU₂₇ = 2000 PW₁₆
 1999 JW₃₂ = 1985 UX₂
 1999 JC₄₉ = 2000 QN₁₉₇
 1999 JC₇₄ = 2000 QQ₁₆₅ = 2000 TK₇₀
 1999 JL₈₆ = 2000 NJ₂₉
 1999 JU₉₂ = 2000 NE₂₆
 1999 JD₁₁₂ = 2000 SC₂
 1999 JL₁₁₅ = 2000 SZ₁₂₈ = 2000 SM₂₇₃
 1999 LV₁ = 1998 WQ₃₁
 1999 LC₈ = 2000 YT₁₃₈
 1999 LS₁₁ = 2000 SE₃₅₁
 1999 LN₃₂ = 1994 CO₁₂
 1999 NZ = 2001 DP₃₈
 1999 NV₂ = 2001 CZ₃₇
 1999 ND₆ = 2001 BG₁₂
 1999 NN₁₀ = 2001 CY₂₄
 1999 NB₁₁ = 2001 DG₃₉
 1999 NP₃₁ = 2000 YB₁₂₁
 1999 NB₃₃ = 2001 DR₅₈
 1999 NO₃₄ = 2001 CT₂₄
 1999 NK₃₆ = 2001 BG₅₅
 1999 NP₄₂ = 2001 AR₃₅
 1999 NX₄₉ = 1999 SB₂₃
 1999 NW₅₁ = 2001 BK₅₀
 1999 NN₅₃ = 2001 BB₈₁
 1999 OD = 2000 WC₁₉₁
 1999 ON = 2001 DF₆₄
 1999 OC₃ = 2001 BS₇₆
 1999 PF = 2001 DN₄₀
 1999 PE₃ = 2001 BO₃₃
 1999 PO₄ = 2001 DO₁₅
 1999 PY₆ = 2000 WK₁₃₁
 1999 RR₈ = 2001 BT₅₉
 1999 RA₁₄ = 2001 BF₇₄
 1999 RD₁₅ = 2001 CN₁
 1999 RO₁₆ = 1999 QK₁ = 2001 DU₅₅
 1999 RL₁₈ = 2001 CH₃₈
 1999 RE₂₂ = 2001 DA₆₁
 1999 RS₂₂ = 2001 DU₇₇
 1999 RV₂₄ = 2001 DA₅₈
 1999 RZ₂₄ = 2001 DX₆₃
 1999 RR₂₅ = 1999 TH₂₈₀ = 2001 DR₃₈
 1999 RR₂₇ = 2001 DJ₃₂
 1999 RL₂₉ = 2001 DV₄₇
 1999 RM₃₂ = 2001 DW₂₈
 1999 RH₃₈ = 2001 DR₃₃
 1999 RW₄₃ = 2001 DF₂₃
 1999 RU₄₄ = 1999 RU₄₂
 1999 RJ₅₁ = 2001 CB₂₄
 1999 RY₅₁ = 2001 BK₇₄
 1999 RB₅₉ = 2000 WW₄₀
 1999 RF₅₉ = 2001 DG₇₂
 1999 RW₅₉ = 2001 AT₁₁
 1999 RC₆₁ = 2000 YR₁₂₂
 1999 RN₇₄ = 2001 BP₈₁
 1999 RH₇₅ = 1997 AH₂₅ = 2001 DB₁
 1999 RQ₇₅ = 2001 DB₃₇
 1999 RV₇₅ = 2001 DJ₇₉
 1999 RY₈₃ = 2001 DE₆₇
 1999 RR₈₄ = 2001 DW₂₂
 1999 RH₈₇ = 2001 DJ₃₇
 1999 RR₈₉ = 1999 TX₈₈
 1999 RH₉₀ = 2001 DP₄₁
 1999 RZ₉₃ = 2001 BX₄₅

1999 TE₇₇ = 2001 DT
 1999 TN₈₆ = 2001 DS₄₅
 1999 TU₈₈ = 1999 RR₂₅₆
 1999 TJ₉₂ = 2001 DJ₆₃
 1999 TQ₉₃ = 2000 AY₁₅₁
 1999 TT₉₇ = 2001 DR₇₂
 1999 TV₉₇ = 2001 BZ₇₇
 1999 TA₉₉ = 2001 CN₃₀
 1999 TW₉₉ = 2001 DB₄₃
 1999 TZ₉₉ = 2001 DR₄₄
 1999 TB₁₀₂ = 2001 DH₆₆
 1999 TF₁₀₂ = 2000 AJ₁₉₉
 1999 TU₁₀₂ = 2001 BF₄₄
 1999 TZ₁₀₂ = 1982 VT₂ = 2001 CL₃₄
 1999 TK₁₀₃ = 1997 EP₃₅
 1999 TL₁₁₀ = 2001 DT₁₂
 1999 TY₁₁₀ = 2001 DC₄₀
 1999 TA₁₁₂ = 1999 SD₁₄
 1999 TA₁₁₃ = 2001 DF₄₁
 1999 TU₁₁₃ = 2001 DS₃₁
 1999 TH₁₁₅ = 2001 BB₇₆
 1999 TD₁₁₆ = 2001 BF₇₃
 1999 TM₁₁₆ = 2001 DN₆₈
 1999 TO₁₁₈ = 2001 DD₅₁
 1999 TU₁₂₁ = 2001 DR₅₉
 1999 TK₁₂₂ = 2001 BJ₇₆
 1999 TK₁₂₃ = 2001 DC₂₉
 1999 TZ₁₂₃ = 1999 TX₅ = 2001 BV₈₀
 1999 TM₁₂₈ = 2001 DW₄₁
 1999 TR₁₂₉ = 1999 VG₁₅ = 2001 BG₇₅
 1999 TW₁₃₀ = 1999 TT₁₆₇
 1999 TY₁₃₀ = 1999 TP₁₆₇ = 1999 TU₁₆₇
 1999 TW₁₃₁ = 2001 AO₅₂ = 2001 BD₂
 1999 TY₁₃₉ = 2000 YL₁₄₂
 1999 TB₁₄₁ = 1999 TM₂₆₀ = 2001 DK₄₃
 1999 TY₁₄₄ = 2001 DC₇₃
 1999 TQ₁₄₆ = 2001 DM₅₂
 1999 TB₁₅₃ = 2001 DT₄₅
 1999 TW₁₅₃ = 1985 UM₂ = 2001 DR₄
 1999 TG₁₅₄ = 1999 TM₁₈₃ = 2001 CE₄₄
 1999 TN₁₅₇ = 2001 DH₆₀
 1999 TW₁₅₇ = 2001 DD₅₂
 1999 TC₁₆₁ = 2001 DX₇₀
 1999 TE₁₆₃ = 2000 YM₁₃₄
 1999 TN₁₆₄ = 2000 YS₁₃₂
 1999 TT₁₆₅ = 2001 BV₇₂
 1999 TZ₁₆₅ = 2290 T-3 = 2001 BY₃₈
 1999 TA₁₇₀ = 2001 CP₂
 1999 TA₁₇₃ = 2001 DL₂₉
 1999 TC₁₇₃ = 2001 DX₄₄
 1999 TC₁₇₄ = 2001 DY₂₄
 1999 TX₁₇₄ = 2001 DX₆₈
 1999 TL₁₇₅ = 2001 BO₄₉
 1999 TD₁₇₇ = 2001 DP₂₈
 1999 TQ₁₇₇ = 2001 DS₅₈
 1999 TM₁₈₄ = 2001 DA₇₆
 1999 TU₁₈₈ = 1998 QR₂ = 1999 VK₂₁₅
 1999 TA₁₈₉ = 2001 BB₄₇
 1999 TH₁₈₉ = 2001 CG₂₄
 1999 TO₁₉₁ = 2001 DO₂₉
 1999 TH₁₉₂ = 2001 BN₇₅
 1999 TN₁₉₂ = 2001 DX₄₈
 1999 TU₁₉₃ = 2001 DA₄₉
 1999 TK₁₉₄ = 2001 CU₁₈
 1999 TL₁₉₅ = 2001 CZ₁₂
 1999 TY₂₀₄ = 1998 FR₅₂ = 1999 TT₁₉₈
 1999 TZ₂₀₄ = 2001 DP₆₆
 1999 TY₂₀₉ = 1978 SM₆ = 2001 BB₄₅
 1999 TZ₂₀₉ = 1991 GA₁₃
 1999 TQ₂₁₆ = 2001 CQ₂₄
 1999 TT₂₁₇ = 2001 CM₃₉
 1999 TT₂₁₈ = 2001 DK₄₈
 1999 TH₂₂₀ = 2001 DA₅₁
 1999 TO₂₂₀ = 2001 DN₈₀
 1999 TX₂₂₅ = 2001 DF₆₈
 1999 TX₂₂₇ = 2001 DU₈₀
 1999 TU₂₃₀ = 2001 DM₃₄
 1999 TB₂₃₃ = 2001 DG₂₂
 1999 TM₂₃₆ = 2001 DA₂₆
 1999 TW₂₃₈ = 2001 DV₁₆
 1999 TE₂₄₂ = 2001 CC₂₇
 1999 TL₂₅₃ = 2001 DB₃₄
 1999 TM₂₅₆ = 1999 RS₂₅₆ = 1993 OK₄
 1999 TR₂₅₆ = 1998 KY₂₄ = 2001 AO₄₂
 1999 TS₂₅₉ = 2001 BZ₃₃
 1999 TO₂₆₂ = 2001 DW₁₃
 1999 TR₂₆₂ = 2001 BB₇₇
 1999 TW₂₆₅ = 2001 BX₄₀
 1999 TU₂₆₇ = 1999 RP₂₃₈ = 1999 UM₆₀
 1999 TT₂₆₉ = 1999 RS₂₁₂
 1999 TJ₂₇₉ = 2001 BQ₄₂
 1999 TQ₂₈₀ = 2001 DB₅₇
 1999 TA₂₈₈ = 2001 BV₇₃
 1999 TU₂₉₂ = 2001 DN₄₈
 1999 TY₃₂₁ = 2001 DQ₅₁
 1999 TS₃₂₃ = 2000 YR₇
 1999 UW = 1994 PX₂ = 2001 CF₂₁
 1999 UD₄ = 2001 DY₁₈
 1999 UW₅ = 2001 CW₃₉
 1999 UB₉ = 2001 DC₅
 1999 UL₁₅ = 2000 AO₁₀₁ = 2001 DD₅₃
 1999 UF₁₇ = 2001 BQ₈₀
 1999 UH₁₉ = 2001 DH₇₇
 1999 UQ₂₃ = 1999 VK₂₂₇ = 2001 DA₇₂

1999 UE₂₄ = 2001 DA₇₁
 1999 UH₂₄ = 2000 AQ₁₄₈
 1999 UC₂₉ = 1996 AX₆ = 1999 UL₅₆
 1999 UY₂₉ = 2001 DC₂₈
 1999 UN₃₇ = 2001 DU₃₃
 1999 UW₄₀ = 2001 DE₅₂
 1999 UY₄₂ = 2001 DL₄₀
 1999 UQ₄₃ = 2001 BK₈₁
 1999 UZ₄₃ = 2001 DP₂₀
 1999 UO₄₄ = 2001 DH₅₁
 1999 UP₄₄ = 1976 UJ₁₈
 1999 UM₄₆ = 2001 DT₅₈
 1999 US₄₆ = 2001 BO₂₆
 1999 UV₄₇ = 2001 DJ₂₇
 1999 UB₅₃ = 2001 CO₃₅
 1999 UH₅₄ = 2001 DQ₃₉
 1999 UA₅₉ = 2001 BQ₆₀
 1999 VJ₁ = 2001 BH₇₈
 1999 VA₃ = 2001 DH₆₄
 1999 VO₄ = 2001 CH₃₄
 1999 VF₅ = 2001 DY₆₇
 1999 VZ₅ = 2001 DA₇₉
 1999 VU₆ = 1999 VS₂₂₇ = 2001 BR₇₃
 1999 VZ₆ = 2001 DP₆₃
 1999 VA₉ = 1926 XH = 1926 YB = 1986 RS₁₆ = 1986 TM₁₅
 1999 VU₁₂ = 2001 CY₂₆
 1999 VW₁₄ = 2001 DS₄₀
 1999 VK₁₇ = 2001 DZ₆₇
 1999 VS₁₉ = 1988 XN₁ = 2001 DW₇
 1999 VB₂₀ = 2001 DM₁₁
 1999 VQ₂₀ = 2001 DX₂₈
 1999 VU₂₁ = 2001 DT₂₀
 1999 VZ₂₈ = 2001 DN₁₀
 1999 VK₂₉ = 1982 XT = 2001 DM₁₀
 1999 VL₂₉ = 2001 DQ₂₀
 1999 VG₃₂ = 2001 BX₇₂
 1999 VO₃₂ = 1999 XV₁₁₈ = 1999 XF₄₆
 1999 VS₃₂ = 2001 DU₇₀
 1999 VT₃₂ = 2001 DC₃₄
 1999 VE₃₃ = 2001 DF₃₁
 1999 VY₃₆ = 2001 BS₇₅
 1999 VR₃₇ = 2001 CM₃₄
 1999 VS₃₇ = 1999 VX₁₅₅ = 1998 RH₇₈ = 2001 BV₆₉
 1999 VD₄₃ = 2001 DQ₃₃
 1999 VK₄₄ = 2001 DK₆₉
 1999 VM₄₄ = 2001 DE₃₈
 1999 VV₄₅ = 2001 DZ₈₂
 1999 VS₄₇ = 2001 DV₇₃
 1999 VL₄₉ = 1999 XV₁₀₇
 1999 VS₅₁ = 2001 CS₄₀
 1999 VM₅₄ = 2001 DH₄₁
 1999 VC₅₅ = 2001 DY₄₆
 1999 VD₅₈ = 2001 DP₂₇
 1999 VZ₅₉ = 2001 BA₈₀
 1999 VN₆₀ = 2001 DP₇₄
 1999 VS₆₃ = 2001 DW₉
 1999 VL₆₇ = 2001 DR₂₈
 1999 VO₆₈ = 2001 CZ₃₀
 1999 VV₇₀ = 2001 DL₅₃
 1999 VX₇₀ = 2001 DS₅₄
 1999 VU₇₁ = 2001 DB₄₆
 1999 VH₈₀ = 2001 BH₄₈
 1999 VS₈₂ = 2001 BD₇₈
 1999 VX₈₇ = 2001 CZ₃₅
 1999 VS₈₈ = 2001 DS₈₀
 1999 VK₉₀ = 2001 CE₂₀
 1999 VU₉₀ = 1999 UB₃₆ = 2001 DY₃₃
 1999 VP₉₁ = 2001 BW₇₅
 1999 VR₉₃ = 2001 DN₂₀
 1999 VS₉₄ = 2001 DE₂₄
 1999 VO₉₆ = 2001 CR₁₄
 1999 VY₁₀₀ = 2001 CV₅
 1999 VG₁₀₂ = 2001 CO₃₄
 1999 VZ₁₁₁ = 2001 CP₄₅
 1999 VW₁₁₃ = 2001 DG₄₄
 1999 VB₁₁₅ = 1999 SP₂₇
 1999 VG₁₁₅ = 2001 BF₇₆
 1999 VH₁₁₅ = 2001 DU₇₉
 1999 VM₁₃₂ = 2001 DL₈₃
 1999 VY₁₄₃ = 2001 DL₁₇
 1999 VN₁₄₇ = 2001 DV₈₅
 1999 VA₁₄₈ = 2001 DJ₁₉
 1999 VB₁₅₀ = 2000 YX₁₃₈ = 2001 AZ₁₂
 1999 VR₁₅₅ = 1999 XF₁₅₂ = 2001 DO₇₃
 1999 VM₁₅₇ = 2001 DV₃₃
 1999 VJ₁₅₈ = 2001 DQ₇₇
 1999 VJ₁₅₉ = 2001 CP₃₈
 1999 VK₁₆₀ = 2001 BO₅₇
 1999 VA₁₆₂ = 2001 DC₂₂
 1999 VJ₁₆₂ = 2001 BE₈₀
 1999 VH₁₆₃ = 2001 DM₃₆
 1999 VT₁₆₃ = 2001 CE₂₆
 1999 VH₁₆₆ = 2001 DC₆₅
 1999 VV₁₆₆ = 1999 XN₁₁₈ = 2001 DG₄₅
 1999 VF₁₆₇ = 2001 DY₂₆
 1999 VH₁₆₇ = 1999 XJ₂₆₂ = 2001 DD₄₃
 1999 VT₁₇₀ = 2001 DS₅₀
 1999 VD₁₇₂ = 2001 DM₆₉
 1999 VV₁₇₂ = 2001 DZ₅₁
 1999 VT₁₇₆ = 1999 TG₁₄₀ = 2001 BA₂₈
 1999 VO₁₇₈ = 2001 DO₁₀
 1999 VR₁₇₈ = 2001 CL₄₄
 1999 VO₁₈₂ = 2001 DX₇₃
 1999 VG₁₈₇ = 2001 DN₄₂

1999 VP₁₈₇ = 1999 XC₂₆₂ = 1998 MR₆
 1999 VL₁₈₈ = 2001 BL₆₂
 1999 VL₁₉₁ = 2001 DG₂₄
 1999 VC₁₉₂ = 2001 CG₄₅
 1999 VZ₁₉₂ = 2001 DU₆₃
 1999 VS₁₉₄ = 2001 DU₂₈
 1999 VG₁₉₆ = 1992 AB₆
 1999 VO₁₉₆ = 2001 DQ₁₇
 1999 VJ₂₀₃ = 1998 KX₅₆ = 2001 BW₁₆
 1999 VV₂₀₆ = 1999 TN₂₆₁ = 1966 PB₁
 1999 VE₂₁₀ = 1996 AR₇ = 1999 XO₂₅₀
 1999 VX₂₁₀ = 2001 DQ₆₀
 1999 VH₂₁₃ = 2001 DO₂₈
 1999 VH₂₂₄ = 2001 DL₈₂
 1999 VO₂₂₆ = 2001 DG₅
 1999 WK₁ = 2001 DE₈₀
 1999 WC₄ = 1980 FT₆ = 2001 DA₇₀
 1999 WY₆ = 1999 XX₅₇
 1999 WW₈ = 1982 UR₉ = 1982 VE₁₀
 1999 WJ₁₃ = 2001 DN₂₉
 1999 WO₂₀ = 2001 CF₂₆
 1999 XP₄ = 2001 DD₃₀
 1999 XM₅ = 2001 CL₄₃
 1999 XG₆ = 2001 BD₇₇
 1999 XA₁₁ = 2001 CC₃₄
 1999 XN₁₃ = 2001 DZ₄
 1999 XD₁₈ = 1989 GQ₅ = 2001 CG₃₄
 1999 XG₁₉ = 1975 TR₆ = 2001 DO₄
 1999 XF₂₀ = 1980 DZ₂
 1999 XM₂₀ = 2001 DC₁₀
 1999 XO₂₁ = 2001 DT₅₃
 1999 XT₂₃ = 2001 DK₆₈
 1999 XU₂₄ = 2001 DH₂₂
 1999 XJ₂₅ = 1990 SV₁₇ = 2001 CR₄₃
 1999 XP₂₅ = 1982 BM₇ = 2001 BZ₇₄
 1999 XO₂₆ = 1976 JL₉
 1999 XZ₂₆ = 2001 DD₂₉
 1999 XH₂₇ = 2001 CM₄₃
 1999 XO₂₇ = 2001 DE₃₇
 1999 XP₂₉ = 1982 VH₇
 1999 XB₃₈ = 2001 DT₈₀
 1999 XC₃₉ = 2001 CA₃₄
 1999 XJ₄₀ = 2001 DD₇₅
 1999 XN₄₀ = 2001 DU₄₁
 1999 XL₄₁ = 2001 DB₄₅
 1999 XD₄₆ = 2001 DP₇₈
 1999 XB₄₇ = 2001 DC₅₃
 1999 XM₄₉ = 2001 DC₄₃
 1999 XS₄₉ = 2001 DK₁₂
 1999 XJ₅₃ = 2001 DN₄₃
 1999 XJ₅₇ = 2001 DR₇₈
 1999 XO₆₄ = 2001 AY₄₂
 1999 XN₆₆ = 2001 DJ₇₆
 1999 XM₆₈ = 2001 DD₇
 1999 XZ₆₈ = 2001 BZ₇₆
 1999 XO₇₃ = 2001 CO₄₃
 1999 XB₉₂ = 2001 DZ₁₇
 1999 XO₁₀₅ = 1978 TY₂
 1999 XT₁₀₇ = 2001 BO₇₇
 1999 XL₁₀₉ = 2001 DN₂₁
 1999 XT₁₁₂ = 2001 CH₃₉
 1999 XA₁₁₃ = 2001 CY₁₃
 1999 XS₁₁₃ = 2000 YR₁₂₀
 1999 XM₁₁₇ = 1988 BE₁
 1999 XN₁₁₇ = 2001 DV₇₅
 1999 XU₁₁₉ = 2001 BE₈₁
 1999 XG₁₂₁ = 2001 DH₅₃
 1999 XL₁₂₄ = 2001 DM₉
 1999 XS₁₂₅ = 2001 BE₄
 1999 XK₁₂₆ = 1979 YM₉
 1999 XK₁₂₇ = 2001 DT₈₆
 1999 XF₁₃₃ = 2000 YF₁₃₃
 1999 XU₁₃₇ = 2001 BL₈₀
 1999 XN₁₄₆ = 2001 DB₃₁
 1999 XT₁₄₆ = 1997 LZ₁₀
 1999 XZ₁₅₆ = 2001 DX₇₄
 1999 XD₁₆₈ = 2001 CB₄₄
 1999 XT₁₇₀ = 1989 VU₂
 1999 XS₁₇₃ = 2001 DV₂₁
 1999 XS₁₈₁ = 2000 AL₁₀
 1999 XP₁₈₄ = 1993 FO₆₄
 1999 XT₁₈₄ = 2001 DD₇₄
 1999 XM₁₈₅ = 2001 CV₄₅
 1999 XW₁₈₆ = 2001 DH₁₇
 1999 XC₁₈₈ = 2001 BJ₄₅
 1999 XW₁₉₀ = 2001 DM₂₀
 1999 XV₁₉₁ = 4841 P-L = 2001 DO₃₀
 1999 XJ₁₉₂ = 1980 TY₁₀
 1999 XK₂₀₄ = 2001 BH₆₀
 1999 XZ₂₀₆ = 2001 DV₇₄
 1999 XY₂₁₂ = 1994 XC₅
 1999 XD₂₁₄ = 2001 BC₈₁
 1999 XH₂₁₅ = 2001 CB₄₆
 1999 XO₂₂₀ = 2001 CE₄₃
 1999 XS₂₂₀ = 2001 CG₃₅
 1999 XQ₂₂₁ = 2001 DW₇₄
 1999 XP₂₂₄ = 1993 QV₉ = 1999 XT₂₄₃
 1999 XS₂₂₆ = 2001 DC₃₃
 1999 XK₂₂₉ = 2001 AP₃₆
 1999 XS₂₂₉ = 2001 DU₂₂
 1999 XF₂₃₃ = 2001 DN₃₃
 1999 XX₂₃₃ = 2001 DN₁₁
 1999 XX₂₃₄ = 1998 MU₃
 1999 XO₂₃₆ = 2001 DH₆₃

1999 XT₂₃₆ = 1998 ML₄₇ = 1999 VJ₅₂
 1999 XB₂₄₂ = 2001 DY₇₉
 1999 XD₂₄₃ = 2001 CE₃₁
 1999 XO₂₅₈ = 1997 GE₃₉
 1999 YG₁₃ = 1990 VR = 2001 CK₄₅
 1999 YC₂₃ = 2001 DQ₆₄
 1999 YR₂₇ = 1998 XC₃₁ = 2001 CV₃₃
 2000 AX₆ = 2001 DQ₇₁
 2000 AJ₇ = 1998 OX₁₂ = 1998 QZ₁₀₈
 2000 AM₇ = 2001 DO₂₀
 2000 AX₁₁ = 2001 DH₇₃
 2000 AP₁₃ = 2001 DU₁₂
 2000 AR₁₆ = 2001 DC₅₂
 2000 AC₁₉ = 2001 DM₅₈
 2000 AB₂₆ = 2001 CS₂₈
 2000 AS₂₉ = 2001 DH₇₄
 2000 AX₂₉ = 2001 BY₄₂
 2000 AV₅₁ = 1985 SK₅ = 1985 UJ₅ = 2001 DZ₇₀
 2000 AJ₅₂ = 2001 DH₄₄
 2000 AD₅₃ = 2001 DL₅₈
 2000 AB₅₄ = 1987 SB₈ = 2001 BL₇₇
 2000 AO₇₆ = 2001 DL₁₉
 2000 AJ₈₁ = 2001 DB₁₉
 2000 AR₉₈ = 2001 DH₅
 2000 AZ₉₈ = 1991 PJ₆
 2000 AA₁₀₀ = 2001 DZ₆₃
 2000 AR₁₀₂ = 2001 CA₄₃
 2000 AK₁₀₃ = 2001 CM₃₀
 2000 AU₁₀₃ = 1990 WD₁₀ = 2001 DX₅₁
 2000 AN₁₀₇ = 2001 BH₇₇
 2000 AY₁₁₃ = 1986 PR₁
 2000 AH₁₃₉ = 2001 DT₄₇
 2000 AT₁₃₉ = 2001 CJ₄₁
 2000 AA₁₄₆ = 1999 UX₃₈
 2000 AA₁₆₀ = 1978 EB₁₀ = 2001 BZ₆₇
 2000 AY₁₆₁ = 2001 CG₂₇
 2000 AL₁₆₅ = 2001 CF₄₅
 2000 AR₁₆₆ = 2001 BR₆₆
 2000 AT₁₆₈ = 1997 EY₄₈
 2000 AV₁₆₈ = 2001 CN₄₃
 2000 AW₁₆₉ = 2001 DM₂₄
 2000 AO₁₈₅ = 2001 DF₆
 2000 AX₂₀₄ = 2000 GF₁₆₄ = 1998 QO₆₈
 2000 AG₂₀₇ = 2000 ER₂₀₁ = 1998 TG₂₁
 2000 AC₂₁₅ = 2001 DB₁₇
 2000 AD₂₃₁ = 1991 PH₂₉
 2000 AE₂₄₃ = 2001 DJ₇₄
 2000 AA₂₅₁ = 2000 AW₂₅₀
 2000 BR₄₀ = 2000 CS₁₄₅ = 1998 TZ₃₅
 2000 CF₃₆ = 2000 CZ₁₄₄ = 1994 RO₁₅
 2000 CT₁₀₈ = 1998 VX₅₂
 2000 CB₁₁₄ = 2001 DA₇₅

2000 CV₁₁₈ = 1995 EZ₁ = 2000 EH₁₈₇
 2000 CM₁₂₆ = 2000 ER₂₀₂ = 1993 FP₆₀
 2000 DN = 2000 CH₃₄ = 2000 CU₁₄₅ = 1987 RX₅ = 1987 SN₁₁ = 1995 EQ₆ = 1998 XG₇₆
 2000 DZ₅ = 2001 CU₃₅
 2000 DM₂₆ = 2000 CY₂₉ = 1993 QF₄
 2000 DH₃₂ = 2000 CX₁₀₅ = 2000 EU₅₀ = 2000 GN₁₇₈ = 1998 XP₇₅
 2000 DG₄₂ = 2000 CT₁₄₅ = 1995 UO₅₀
 2000 DG₅₃ = 2000 GE₁₈₅ = 1997 GD₃₇
 2000 DB₆₅ = 2000 ES₂₀₂
 2000 EL₅₇ = 2000 GZ₁₈₄ = 1998 TG₂₄
 2000 EW₉₃ = 1987 YR₄ = 1991 PJ₂₇ = 1994 CM₈
 2000 EF₉₄ = 1994 BZ₄ = 1998 YA₂₃
 2000 ET₁₄₁ = 2000 FG₅₀ = 1981 RD₇ = 1998 XR₅₈
 2000 EA₁₄₂ = 1992 OR = 1999 AU₂₈ = 2000 JM₁₉
 2000 EB₁₅₁ = 2000 GD₁₈₄ = 1996 RC₂
 2000 ER₁₅₂ = 2000 EQ₂₀₂
 2000 EQ₁₅₆ = 1998 VF₉
 2000 EK₁₆₄ = 2000 GT₁₇₅ = 1996 GA₂
 2000 EM₁₈₄ = 2000 GV₁₈₄ = 1981 UT₂₆
 2000 EN₁₈₄ = 2000 GR₈₃ = 1991 PD₂ = 1991 PX₂₉ = 1991 PG₃₂
 2000 FB₁ = 1999 XU₂₆₁ = 2001 CW₃₀
 2000 FP₁₁ = 1998 XE₄₆
 2000 FQ₁₇ = 2000 EZ₂₀₁ = 2000 EO₂₀₂ = 1998 XG₃₂
 2000 GD₄ = 2000 JH₈₈ = 1996 TO₅₁
 2000 GK₁₀ = 2000 EZ₄₉ = 1998 YJ₂₄
 2000 GO₄₁ = 2000 JA₈₈ = 1994 CZ₄
 2000 GP₄₆ = 1987 SU₂₈
 2000 GB₆₀ = 2000 JG₈₈ = 1999 AH₁₉
 2000 GA₆₅ = 2000 HN₄₂ = 1997 RA₅
 2000 GY₆₉ = 2000 FB₇₀ = 1998 VQ₂
 2000 GP₇₄ = 2000 JJ₈₈ = 1991 PM₃₁ = 1994 AY₁₄
 2000 HZ₃ = 2000 JE₈₈ = 1999 CV₁₄₁
 2000 HE₁₆ = 1983 GY
 2000 JM₅ = 2000 JD₄ = 1999 GE₁₀
 2000 JV₆ = 1999 BB₃₄
 2000 JR₄₃ = 1990 SG₂₃ = 1996 GF₆ = 2000 HV₄₇
 2000 JH₈₂ = 1997 QL₃ = 2000 HH₉₃
 2000 KJ₅₈ = 1995 HH₂ = 1999 CZ₁₀₇
 2000 KL₅₉ = 2000 JE₄₆ = 1999 CS₁₁₄
 2000 KX₈₁ = 1981 RR₅ = 1994 CF₁₁
 2000 KP₈₂ = 1999 CM₁₄₁
 2000 LE₃₆ = 1999 CC₆₁
 2000 NU₂ = 1996 FP₁₇
 2000 NB₁₇ = 2000 PT₃₁ = 1999 JA₂₃ = 1999 KB₁₆
 2000 NW₂₄ = 2000 QT₁₃ = 1992 RG₂
 2000 OA₃ = 2000 OB₁₇ = 1989 AH₆ = 1999 GE₅₈
 2000 OK₃₆ = 2000 RP₁₀₅ = 1998 HG₅₇
 2000 PQ₁₀ = 1999 LX₁₁
 2000 PU₁₀ = 1998 FJ₈₂ = 1999 JM₁₂₂
 2000 PD₁₁ = 1998 HT₁₀₉
 2000 PW₁₁ = 1999 LR₁
 2000 PH₂₂ = 1997 WP₃₆

2000 PQ₂₉ = 1990 UG₁₄ = 1994 WB₁₀ = 1999 CR₁₀₁
 2000 QB₄₄ = 2000 PB₂₄
 2000 QB₆₁ = 1994 LY₈
 2000 QL₆₃ = 1994 CE₁₆
 2000 QQ₆₇ = 1993 FQ₃₆
 2000 QJ₈₂ = 1997 WM₁₉
 2000 QA₉₉ = 1978 RK₁₀
 2000 QG₁₀₅ = 1998 FH₉₀
 2000 QB₁₀₆ = 1998 AS₅
 2000 QU₁₃₂ = 2000 NN₁₈
 2000 QF₂₂₂ = 1985 VU₄ = 1987 DB = 1998 FT₉₃ = 1999 LK₂₁
 2000 QG₂₂₂ = 1999 GL₄₅
 2000 RO₂ = 2000 SG₃₅₄
 2000 RZ₃ = 2000 SP₂₃₆ = 1999 NQ₄₃
 2000 RT₃₃ = 2000 SZ₁₀₄
 2000 RB₃₉ = 1979 YZ₂
 2000 RB₇₇ = 2000 UZ₅₀ = 1995 FQ₁₇
 2000 RA₈₆ = 2000 SQ₂₃₆ = 1998 HB₆₉
 2000 SO₃ = 2000 SW₃₅₃
 2000 SF₆ = 1998 GQ₁
 2000 SN₆ = 1998 KA₂₀
 2000 SB₂₃ = 2000 SP₂₀₅
 2000 SX₅₈ = 2000 SP₁₈₄ = 2000 SL₃₅₃ = 1998 BT₂₂
 2000 SW₆₈ = 2000 SF₂₅₄ = 1997 WX₃
 2000 SS₈₈ = 1978 YB₁
 2000 SZ₁₀₆ = 2000 PU₃₀
 2000 SL₁₂₂ = 2000 VC₆₄ = 1998 HB₇₆
 2000 SE₁₂₇ = 1992 EB₂₉
 2000 SE₁₄₀ = 2000 UC₉₁
 2000 SX₁₄₂ = 2000 TF₇₀
 2000 SY₁₈₁ = 1954 YP = 1982 BK₁₂ = 1998 GK₄
 2000 SW₂₁₁ = 1997 EY₃₆
 2000 SQ₂₂₆ = 2000 WO₁₉₄
 2000 SY₂₈₅ = 1994 RH₂₈ = 1997 CF₁₉
 2000 SQ₂₉₂ = 1998 FJ₁₂₁
 2000 SJ₂₉₃ = 1977 RD₁₄
 2000 SY₂₉₃ = 1986 VT₃
 2000 SX₂₉₇ = 1996 TH₃₇
 2000 SH₃₂₇ = 1998 HZ₁₅₂ = 1999 NU₂₆
 2000 SZ₃₃₆ = 2000 VJ₆₃ = 1981 UT₆
 2000 SA₃₄₈ = 1994 NM₃
 2000 ST₃₄₈ = 1993 BU₁₁
 2000 SH₃₄₉ = 1998 FG₈₉
 2000 TC₂₀ = 1999 JF₁₂₈
 2000 TC₂₁ = 1998 HE₁₀₄ = 1999 NJ₁₆
 2000 TW₂₄ = 1998 HQ₆₀
 2000 TS₃₃ = 1999 JW₁₂₈
 2000 TD₄₅ = 1996 VV₃₈
 2000 TW₅₁ = 1998 HA₁₅₃
 2000 TY₅₅ = 1980 FY₁₁
 2000 TX₅₉ = 1998 MN₄₄
 2000 TT₆₁ = 1998 HQ₁₁

2000 UO₁₁ = 1989 TL₁
 2000 UP₄₇ = 2000 WL₁₉₃ = 2000 WH₅₄
 2000 UX₅₄ = 1986 VO₄
 2000 US₇₄ = 2000 VE₆₄ = 1993 TW₄₀
 2000 UO₈₀ = 2000 VA₆₄ = 2000 WW₁₉₀ = 1999 NC₆₁
 2000 UV₈₈ = 1998 HC₂₃
 2000 UX₁₀₅ = 1998 HS₄₉
 2000 VJ₁₄ = 1986 VS₈
 2000 VB₅₀ = 2000 WB₁₂₈ = 1988 CW₃
 2000 VZ₆₂ = 1999 FJ₈
 2000 WP₁ = 1999 JS₁₀₄
 2000 WP₂₂ = 2000 UC₈₉ = 1995 SF₂₈
 2000 WU₃₆ = 1998 HD₄₁
 2000 WC₃₇ = 1997 XT₄ = 1999 RE₅₆
 2000 WU₅₃ = 1996 TU₁₇
 2000 WG₅₅ = 1980 DS₂
 2000 WG₉₀ = 1998 DQ₆
 2000 WD₉₃ = 1977 DC₁₁
 2000 WC₁₁₆ = 1991 KT₂
 2000 WO₁₂₈ = 1992 JW
 2000 WK₁₃₄ = 1982 XJ₁
 2000 WA₁₃₇ = 2000 UJ₁₁₃ = 1993 TF₃₆
 2000 WV₁₄₁ = 2000 WL₁₉₂
 2000 WO₁₄₃ = 1999 RB₁₂₀
 2000 WW₁₄₃ = 1995 UH₃₀
 2000 WV₁₅₄ = 1983 EC₂
 2000 WG₁₅₈ = 1995 WY₅
 2000 WA₁₆₄ = 1999 LS₂₃ = 2000 YK₁₅
 2000 WM₁₆₆ = 2000 UJ₅₃ = 1999 OY₄
 2000 WX₁₆₈ = 1981 US₄
 2000 WX₁₇₉ = 1992 EE₃₅ = 1999 LP₁₁
 2000 WA₁₉₁ = 1991 VZ₆ = 1998 GU₅
 2000 XH₃ = 2000 RJ₅₅ = 1978 NQ
 2000 XN₁₃ = 1999 VC₁₂₅
 2000 XH₁₅ = 1977 OP
 2000 XO₃₈ = 1999 XQ₁₁₂
 2000 XO₄₂ = 1991 EB₄
 2000 XH₄₈ = 1999 RX₉₀
 2000 XH₄₉ = 1982 BH₄
 2000 XE₅₃ = 1984 MD
 2000 XO₅₄ = 1998 GG₂
 2000 YM₈ = 1996 XO₃₇
 2000 YT₁₁ = 1998 MB₁₃
 2000 YW₁₈ = 1989 ES₇
 2000 YJ₃₀ = 1998 UH₁₃
 2000 YJ₃₈ = 1983 RE₅ = 1987 QD₈
 2000 YV₄₉ = 1990 BY₄
 2000 YZ₆₄ = 1995 OX₉ = 1998 FJ₁₁₀
 2000 YP₆₈ = 3243 T-3
 2000 YB₇₅ = 2000 WC₁₉₃ = 1998 FH₉₈
 2000 YJ₈₀ = 1999 RR₆₄
 2000 YC₈₃ = 1998 FJ₅₉ = 1999 RX₁₇₇

2000 YY₈₆ = 1999 TG₂₄₁
 2000 YG₉₈ = 2000 AN₁₉
 2000 YT₁₀₀ = 1984 EB₂ = 1996 FH₁₉
 2000 YS₁₀₁ = 1995 WD₃₇
 2000 YR₁₀₂ = 1996 RS₂₇
 2000 YJ₁₀₃ = 1998 QK₆₅ = 1999 XD₂₄₁
 2000 YU₁₀₄ = 2000 AY₇₇
 2000 YS₁₀₅ = 1999 TS₂₈₄ = 1999 WR₂₆
 2000 YT₁₀₅ = 1157 T-1 = 1998 RT₃₄
 2000 YJ₁₀₉ = 1999 SD₂₆
 2000 YR₁₀₉ = 1998 FH₁₀₁
 2000 YO₁₁₀ = 1986 VS₂
 2000 YH₁₁₅ = 1997 LP₅
 2000 YP₁₁₅ = 1999 NZ₂₃
 2000 YC₁₁₇ = 1977 XU
 2000 YC₁₁₈ = 1997 CV₉
 2000 YT₁₂₁ = 2000 PS₇
 2000 YU₁₂₁ = 1991 PE₉
 2000 YZ₁₂₁ = 1999 NY₅₃
 2000 YK₁₂₂ = 1988 TL₃
 2000 YS₁₂₃ = 1999 TL₂₇₃
 2000 YT₁₂₃ = 1995 FB₂₀ = 2000 AO₄₆
 2000 YZ₁₂₅ = 1998 HL₆₆
 2000 YM₁₂₇ = 1993 HM₉ = 1995 UO₃₆
 2000 YJ₁₂₈ = 1998 HM₁₁₅
 2000 YO₁₂₈ = 1999 NL₃₆
 2000 YU₁₂₈ = 1997 GJ₃₄
 2000 YF₁₂₉ = 1999 OT₁
 2000 YQ₁₃₁ = 1978 WB₂ = 1995 YG₂₅ = 1999 TY₃₁₁
 2000 YT₁₃₁ = 1997 JA₁₂ = 1999 VN₁₉₆ = 2001 AE₄₂
 2000 YH₁₃₂ = 1994 GS₁₀
 2000 YE₁₃₃ = 1998 TV₃₁ = 2000 AC₁₈₃
 2000 YM₁₃₆ = 1991 GR₁₃ = 1999 TC₂₉₅
 2000 YX₁₃₆ = 1999 TP₇₀ = 1999 UY₆₁
 2000 YG₁₃₈ = 1998 HD₁₄₁ = 1999 RG₄₆
 2000 YK₁₃₈ = 1999 LV₃
 2000 YR₁₃₈ = 1998 HQ₁₀₈
 2000 YP₁₃₉ = 2000 AU₅₁
 2001 AL₃ = 1986 XT₄
 2001 AR₄ = 1993 FB₈₃
 2001 AM₅ = 1999 VL₂₁₉
 2001 AN₅ = 1999 TZ₃₂₂
 2001 AX₅ = 1998 FG₁₄₆
 2001 AL₇ = 1998 HJ₁₂₆
 2001 AE₁₂ = 1998 LP₁
 2001 AJ₁₃ = 4767 P-L
 2001 AD₁₅ = 1996 RZ₂₅
 2001 AV₁₇ = 1993 LO = 1995 UG₃₄
 2001 AY₁₇ = 1999 RH₅₉
 2001 AE₁₈ = 1991 OF = 1995 DM₁₂
 2001 AT₂₃ = 1999 TE₂₅₃
 2001 AD₂₅ = 1978 WH₄
 2001 AL₂₈ = 1989 TV₂
 2001 AB₂₉ = 1992 WF₈ = 1999 NJ₃₃ = 2000 QK₁₈₀
 2001 AL₃₀ = 2000 WV₁₁₇ = 1990 RA₁₀ = 1995 UL₄₉ = 1998 HA₄₄
 2001 AF₃₃ = 1999 TV₁₈₇
 2001 AX₃₃ = 1999 VC₂₂₄
 2001 AF₃₄ = 1998 KZ₁₀ = 1999 SW₁₂
 2001 AK₃₄ = 1996 TQ₄₉
 2001 AO₃₄ = 1993 TS₃₄ = 1999 TQ₂₈₉
 2001 AK₃₆ = 1994 EE₈ = 1999 RL₄₆
 2001 AE₄₀ = 1995 FG₁₇
 2001 AZ₄₁ = 1987 QZ₄ = 1999 TK₁₉₈
 2001 AJ₄₂ = 1986 VB₇ = 1989 JE = 1999 XL₁₈₃
 2001 AK₄₂ = 1997 BT₈
 2001 AP₄₂ = 1988 ST₁
 2001 AQ₄₃ = 1998 KW₅₇
 2001 AF₄₄ = 1998 FA₁₀₀
 2001 AD₄₅ = 1982 SU₁₂
 2001 AO₄₅ = 1999 VH₂₁₇
 2001 AU₄₅ = 1999 VT₁₇₄
 2001 AV₄₅ = 1995 WT₂₁
 2001 AG₄₈ = 1996 BP₁₄
 2001 AH₄₈ = 1998 MJ₁₇
 2001 AF₅₂ = 2000 AD₁₃₉
 2001 BN = 1996 AG₈
 2001 BT = 1999 VL₂₂₇ = 1999 VF₁₈₄
 2001 BV = 1999 RV₁₄₁
 2001 BC₄ = 1998 FF₁₂₃
 2001 BF₄ = 1992 UA₈
 2001 BH₅ = 1999 LS₅
 2001 BA₆ = 1998 KG₃₃
 2001 BB₈ = 1997 NN₉
 2001 BG₈ = 1998 HK₆₇
 2001 BQ₈ = 1999 TD₂₈₃
 2001 BX₈ = 1995 AD₂
 2001 BC₉ = 1999 TF₁₈₀
 2001 BE₁₁ = 1999 XT₂₂₉
 2001 BS₁₄ = 1998 ME₁₈
 2001 BT₁₄ = 1996 FM₁₉
 2001 BJ₁₅ = 1998 RZ₂₀
 2001 BO₁₅ = 1999 XV₅₄
 2001 BS₁₅ = 1977 DC₃ = 1977 EZ₂
 2001 BT₁₅ = 1998 SC₁₅₆
 2001 BC₁₇ = 1999 XW₈₀
 2001 BQ₁₈ = 1998 HB₂₀ = 1999 TL₁₄₇
 2001 BZ₁₉ = 1999 VK₇₃
 2001 BN₂₁ = 1998 HM₁₁₉
 2001 BT₂₂ = 1997 CJ₁₃ = 1999 RC₂₄₄
 2001 BM₂₃ = 2000 YZ₉₈ = 1998 FF₄₄
 2001 BS₂₃ = 1996 XN₂₄ = 1998 FM₉₈
 2001 BA₂₄ = 1998 MF₁₈
 2001 BL₂₄ = 1999 SM₉
 2001 BL₂₆ = 1977 CX₁ = 1997 UJ₂₆

2001 BH₂₇ = 1998 OW₁
 2001 BV₂₇ = 2001 CN₄₆ = 1999 TM₁₉₉
 2001 BW₂₇ = 1999 TE₁₅₃
 2001 BY₂₈ = 2001 CW₉ = 1997 CT₉
 2001 BQ₂₉ = 1981 KX
 2001 BE₃₀ = 1998 FW₁₃₅
 2001 BD₃₁ = 1994 CB₄
 2001 BH₃₁ = 1998 FV₅₉
 2001 BV₃₁ = 1987 SK₂₀ = 1992 OB₇
 2001 BY₃₁ = 1986 PU₄
 2001 BG₃₂ = 1995 OR₅ = 1999 RC₅₈
 2001 BU₃₂ = 1993 FB₁₄
 2001 BW₃₂ = 1998 HG₄₇
 2001 BB₃₃ = 1998 OQ₁₂
 2001 BG₃₃ = 1999 VA₄₅
 2001 BL₃₃ = 1998 RT₃₁ = 1999 XU₂₃₉
 2001 BM₃₃ = 1975 SQ₁ = 1989 UX₁
 2001 BF₃₄ = 1999 TS₂₉₃
 2001 BG₃₄ = 1999 XK₂₄₃
 2001 BK₃₅ = 1990 FO₂ = 1993 RO₁₇
 2001 BL₃₅ = 1978 EP₉
 2001 BM₃₅ = 2001 AS₅₂ = 1998 QP₂₇
 2001 BM₃₆ = 1979 HG₁
 2001 BO₃₈ = 1999 XA₁₄
 2001 BD₄₀ = 1989 WH₂
 2001 BY₄₀ = 1992 SZ₂₀
 2001 BC₄₁ = 1995 UP₃₄
 2001 BE₄₁ = 1996 YR₃
 2001 BN₄₂ = 1991 FZ₄
 2001 BO₄₂ = 1986 TW₇ = 1999 RE₁₁₉
 2001 BD₄₃ = 1999 TX₂₀₇
 2001 BE₄₄ = 1984 BX₂
 2001 BU₄₄ = 1997 BY₃ = 1999 TY₂₈₀
 2001 BA₄₅ = 1989 VD₄ = 1989 XB₁ = 1999 RG₂₃₃
 2001 BL₄₅ = 1997 ET₄₀
 2001 BA₄₆ = 1999 TO₈₄
 2001 BB₄₆ = 1999 NW₅₉
 2001 BY₄₆ = 2000 AH₁₀
 2001 BJ₄₇ = 1999 XF₂₃₂
 2001 BN₄₇ = 1997 EK₇
 2001 BO₄₇ = 1995 EL₉ = 2000 AD₈
 2001 BS₄₇ = 1993 TL₇
 2001 BK₄₉ = 1990 SZ₁₁
 2001 BS₄₉ = 1999 TX₃₂₁
 2001 BL₅₀ = 1998 HS₁
 2001 BX₅₀ = 1997 ED₆
 2001 BY₅₀ = 1996 WL₂
 2001 BA₅₁ = 2000 AE₁₆₉
 2001 BB₅₁ = 1984 BG₃
 2001 BE₅₁ = 1998 QA₆₇ = 1999 VK₂₂₅
 2001 BD₅₃ = 1998 SA₁₆₀
 2001 BW₅₃ = 1998 FS₁₄₁

2001 BE₅₄ = 1999 TD₅₄
 2001 BM₅₄ = 1998 RS₁₉
 2001 BW₅₄ = 1999 GK₃₃
 2001 BX₅₄ = 1998 GE₄
 2001 BB₅₆ = 1993 FU₂
 2001 BP₅₆ = 4132 P-L
 2001 BB₅₈ = 1996 GJ₁₈
 2001 BC₅₈ = 1998 EM₅ = 1999 RQ₂₁₆
 2001 BD₅₈ = 1999 TX₁₉₇
 2001 BN₅₈ = 1996 FD₁₄ = 1998 QU₁₁₀
 2001 BG₅₉ = 1999 RR₁₃₉
 2001 BM₅₉ = 1999 TQ₂₆₆
 2001 BR₅₉ = 1999 TR₂₃₁
 2001 BS₅₉ = 1999 TN₂₅₀
 2001 BZ₅₉ = 1999 RS₁₃₈
 2001 BC₆₀ = 1999 RG₇₆
 2001 BG₆₀ = 1980 DF₃ = 1998 SM₁₀₉ = 1999 XL₁₉₄
 2001 BP₆₀ = 1997 GF = 1999 TX₁₅₀
 2001 BX₆₀ = 1999 RX₂₁₆
 2001 BS₆₁ = 1976 JY₁ = 1983 HV₁
 2001 BT₆₁ = 1994 PB₂₅
 2001 BU₆₁ = 1999 RZ₂₃₈
 2001 BV₆₁ = 1990 SO₁₉
 2001 BE₆₂ = 1997 GM₃
 2001 BJ₆₂ = 1998 EY₁
 2001 BO₆₂ = 1999 RW₃
 2001 BP₆₂ = 1998 RW₃₉ = 1999 VR₁₉₆
 2001 BC₆₃ = 1990 QH₁₀
 2001 BS₆₃ = 1994 DJ = 1998 HA₉₉
 2001 BV₆₃ = 1983 VE₃ = 1987 UK₂
 2001 BW₆₃ = 1990 DP₂ = 1999 RH₈₂
 2001 BE₆₄ = 1993 FG₁₆
 2001 BO₆₄ = 1975 EZ₃ = 1994 PQ₁₇ = 1999 TB₁₉₇
 2001 BS₆₄ = 1993 FT₆₄
 2001 BH₆₅ = 1993 FL₇
 2001 BP₆₅ = 1998 QD₇₆
 2001 BS₆₅ = 1990 EM₂ = 1999 TH₂₈₂
 2001 BB₆₆ = 1992 EV₁₇ = 1998 MU₃₂ = 1999 XU₂₄₈
 2001 BC₆₆ = 1999 VL₂₂₃
 2001 BK₆₆ = 1998 QY₁₀₅
 2001 BZ₆₆ = 1999 RK₉₈
 2001 BE₆₇ = 1999 XU₁₂₀
 2001 BH₆₇ = 1979 HE₁
 2001 BO₆₇ = 1992 EG₁₀
 2001 BT₆₇ = 1997 EP₅₂ = 1999 TC₂₇₈
 2001 BA₆₈ = 1997 EL₃₃
 2001 BM₆₈ = 1992 SD₂₃
 2001 BQ₆₈ = 1997 EB₁₈
 2001 BW₆₈ = 1994 CE₁₂
 2001 BX₆₈ = 1999 TR₂₈₉
 2001 BC₆₉ = 1992 RM₆ = 1999 RP₅₀
 2001 BN₆₉ = 1999 RP₂₅₄

2001 BT₆₉ = 1998 HM₁₁₁ = 2000 AC₁₃₉
 2001 BU₆₉ = 1998 ST₁₀₁
 2001 BQ₇₀ = 1987 QJ₈ = 1999 XU₁₈₄
 2001 BT₇₀ = 1999 RU₂₅₆ = 1999 SR₁₂
 2001 BX₇₀ = 1998 FO₄₄ = 1999 RD₆₆
 2001 BY₇₀ = 1999 RQ₂₃₀
 2001 BE₇₁ = 1998 HL₁₁₄
 2001 BF₇₁ = 1993 PK₉
 2001 BG₇₁ = 1988 CJ₇ = 1988 DP₅
 2001 BJ₇₁ = 1999 UF₃ = 1999 UK₃₉
 2001 BN₇₁ = 4205 P-L
 2001 BU₇₁ = 1991 RE₅
 2001 BG₇₂ = 1999 VT₂₁₅
 2001 BJ₇₂ = 2000 AM₁₇₆
 2001 BK₇₂ = 2000 AC₁₇₃
 2001 BR₇₂ = 1998 QU₆₅
 2001 BW₇₂ = 1993 FL₂₂ = 1999 VY₁₇₇
 2001 BK₇₃ = 1999 XZ₁₁₉
 2001 BQ₇₃ = 1998 KB₄₅ = 1999 TS₂₇₁
 2001 BU₇₃ = 1999 TZ₂₂₉
 2001 BE₇₄ = 1999 RP₁₁₉
 2001 BJ₇₄ = 1998 SB₁₂₃
 2001 BL₇₄ = 1997 EH₄₂
 2001 BN₇₄ = 1994 PK₁₆
 2001 BR₇₄ = 1993 FG₆₁ = 1999 TK₃₁₈
 2001 BX₇₄ = 1999 UU₄₂
 2001 BY₇₄ = 1998 ML₁₈ = 1999 UH₅₀
 2001 BZ₇₅ = 1999 VB₈₈
 2001 BA₇₆ = 1998 RY₂₃ = 1999 XU₂₄₁
 2001 BL₇₆ = 1999 RY₉₉
 2001 BQ₇₆ = 1999 XA₅₆
 2001 BU₇₆ = 1994 LO₁₀ = 1999 TZ₇₉
 2001 BX₇₆ = 1984 BJ₇ = 1996 FG₁₈
 2001 BP₇₇ = 1999 RH₂₂₈
 2001 BV₇₇ = 1997 CC₄
 2001 BX₇₇ = 1998 SB₁₂₆ = 2000 AX₁₇₆
 2001 BO₇₉ = 1998 HU₁₁₉ = 1999 TJ₃₂₂
 2001 BU₇₉ = 1999 RX₂₁₈
 2001 CH = 1996 RG₃₂
 2001 CL = 1998 RZ₂₉
 2001 CN = 1999 LR₅
 2001 CO = 1998 HJ₈₂
 2001 CP = 1998 KG₃₆
 2001 CR = 1998 GP₁₂
 2001 CS = 1997 CT₆ = 1999 ND₅₁
 2001 CV = 1998 HE₁₀₆
 2001 CZ = 1994 CZ₁₉
 2001 CB₁ = 1998 KA₃₈
 2001 CF₁ = 1996 XR₁₀
 2001 CG₁ = 1998 KQ₂₉
 2001 CR₁ = 1993 FV₇₁
 2001 CW₁ = 1997 CG₃₀ = 1999 XA₂₃₅

2001 CZ₁ = 1984 QT = 1999 TR₂₁₀
 2001 CM₂ = 1999 UO₄₇
 2001 CO₂ = 1997 EC₅₆ = 1999 RZ₁₄
 2001 CX₂ = 1998 SU₁₅₀
 2001 CB₃ = 1999 TQ₂₈₆
 2001 CF₃ = 1998 KB₆₇
 2001 CM₃ = 1999 TX₂₄₈
 2001 CN₃ = 1990 QU
 2001 CP₃ = 1999 TG₄₈
 2001 CV₃ = 1994 CV₁₂
 2001 CY₃ = 1979 YU₂ = 1987 BY₃ = 1998 HF₅₆
 2001 CC₄ = 1999 VE₁₉₆
 2001 CE₄ = 1997 HF₆
 2001 CJ₄ = 1998 SX₁₄₉ = 2000 AK₂₀₉
 2001 CL₄ = 1999 VG₂₁₉
 2001 CS₄ = 1991 NC = 1998 MR₂₅
 2001 CT₄ = 1999 RS₁₅₁
 2001 CV₄ = 1993 FU₁₉
 2001 CA₅ = 1999 XH₁₂₉
 2001 CE₅ = 1999 RS₈₃
 2001 CS₅ = 1993 OD₄
 2001 CA₆ = 1996 TQ₃₆ = 1998 FC₃₈ = 1999 RM₄₆
 2001 CB₆ = 1989 VE₂ = 1994 PK₂₃
 2001 CU₆ = 1998 HN₁₈
 2001 CV₆ = 1998 QE₃₈
 2001 CX₆ = 1996 TN₃₉ = 2000 AM₂₈
 2001 CD₇ = 1992 EG₃₅
 2001 CJ₇ = 1999 RZ₄₇
 2001 CK₇ = 1996 XB₇
 2001 CL₇ = 1998 HA₁₁₁
 2001 CP₇ = 1999 TM₇₅
 2001 CQ₇ = 1984 EK₁ = 1998 SB₉₀ = 1999 XK₁₈₅
 2001 CR₇ = 1998 QS₁₀₆
 2001 CS₇ = 1999 TA₂₅₁
 2001 CT₇ = 1999 RH₂₃₅
 2001 CA₈ = 1995 SS₁₀
 2001 CH₈ = 1992 YQ₄
 2001 CA₉ = 1998 HV₆₆
 2001 CE₉ = 1998 UW₆
 2001 CH₉ = 1999 VV₂₀₉
 2001 CV₉ = 1999 TH₂₀₉
 2001 CM₁₀ = 1998 SG₁₁
 2001 CR₁₀ = 1998 FF₁₃₉
 2001 CX₁₀ = 1999 RS₅₂
 2001 CB₁₁ = 4402 T-1
 2001 CL₁₁ = 1981 UT₁ = 1992 UH₈
 2001 CO₁₁ = 1999 RY₇₉
 2001 CT₁₁ = 1999 RZ₂₂₉
 2001 CW₁₁ = 1993 QV₆ = 1999 UL₄₃
 2001 CX₁₁ = 1993 TP₂₁
 2001 CM₁₂ = 1998 HV₃₈ = 1999 RR₆₈
 2001 CQ₁₂ = 1997 GH₄₀

2001 CW₁₂ = 1998 MT₄₇
 2001 CX₁₂ = 1998 HW₆₁
 2001 CY₁₂ = 1999 VW₁₉₆
 2001 CE₁₃ = 1999 NU₆₄
 2001 CF₁₃ = 1998 HV₁₁₇ = 1999 RO₂₃₃ = 1999 RH₂₅₆
 2001 CH₁₃ = 1998 HT₁₀₁
 2001 CL₁₃ = 1997 LT₃
 2001 CM₁₃ = 1999 XQ₂₄₉
 2001 CT₁₃ = 2000 AQ₁₆₃
 2001 CD₁₄ = 1996 RD₃₀ = 1997 TY₂₈
 2001 CU₁₄ = 1999 TV₁₄₀
 2001 CF₁₅ = 1995 AO₂
 2001 CX₁₅ = 1998 SG₇₀ = 1999 XC₂₄₉
 2001 CY₁₅ = 1994 CT₁₀
 2001 CC₁₆ = 1999 VJ₁₉₈
 2001 CE₁₆ = 1992 EB₂₃
 2001 CF₁₆ = 1989 VZ₃ = 1989 XA₃
 2001 CL₁₆ = 2001 BG₅₃ = 1978 WG₆
 2001 CQ₁₆ = 1994 GX₂
 2001 CV₁₆ = 1998 SZ₁₁₃
 2001 CC₁₇ = 1998 HP₈₁
 2001 CD₁₇ = 1998 HF₁₀₅
 2001 CP₁₇ = 1999 SX₇
 2001 CR₁₇ = 1996 KE₁
 2001 CT₁₇ = 1999 TA₅₅
 2001 CW₁₇ = 1989 VT₂ = 1989 XT = 1998 HJ₄₇ = 1999 TT₃₀₉
 2001 CA₁₈ = 1996 ET₇
 2001 CF₁₈ = 1999 RT₇₇
 2001 CP₁₈ = 2000 AN₁₇₇
 2001 CQ₁₈ = 1998 HN₁₀₁
 2001 CT₁₈ = 1999 TG₂₉₇
 2001 CE₁₉ = 1999 TY₄₉
 2001 CN₁₉ = 1998 QW₁
 2001 CT₁₉ = 1982 VJ₈ = 1993 TY₃₇ = 1999 XO₁₈₇
 2001 CU₁₉ = 1991 KZ = 2000 BP₇
 2001 CG₂₀ = 1999 XZ₂₃₉
 2001 CL₂₀ = 1999 ND₁
 2001 CU₂₀ = 1998 KX₆₇
 2001 CX₂₀ = 1999 XT₂₃₃
 2001 CD₂₁ = 1996 RE₂₉ = 2000 AV₁₃₁
 2001 CE₂₁ = 1997 UH₂₆
 2001 CJ₂₁ = 1976 UW₂ = 1986 SO = 1999 LC₂₀
 2001 CR₂₁ = 1999 TL₁₉₆
 2001 CU₂₁ = 1998 HG₁₂₃
 2001 CV₂₁ = 1999 TQ₂₃₇
 2001 CE₂₂ = 1996 XO₂₇
 2001 CJ₂₂ = 1999 TM₂₃₂
 2001 CN₂₂ = 1998 MS₁₄
 2001 CP₂₂ = 1999 VY₂₁₃
 2001 CT₂₂ = 1997 LP₈
 2001 CX₂₂ = 1999 RP₈₃
 2001 CC₂₃ = 1998 KO₅₅

2001 CK₂₃ = 1999 RB₁₀
 2001 CP₂₃ = 1995 SA₅₀
 2001 CW₂₃ = 1996 RE₃₂
 2001 CZ₂₃ = 1998 KG₆₁
 2001 CK₂₄ = 1993 FD₆₈
 2001 CO₂₄ = 1995 UA₂₈
 2001 CX₂₄ = 1999 WT₁₂
 2001 CO₂₅ = 1990 SZ₂₀ = 1999 XQ₁₂₃
 2001 CZ₂₅ = 1992 DB₃
 2001 CA₂₆ = 1998 HO₄₇
 2001 CG₂₆ = 1994 GY₆ = 1999 RJ₉₈
 2001 CL₂₆ = 2000 AH₁₇₁
 2001 CM₂₆ = 2000 AN₂₄₀
 2001 CX₂₆ = 2000 AM₁₀₈
 2001 CP₂₇ = 1999 TS₂₈₁
 2001 CQ₂₇ = 2000 AT₇₂
 2001 CR₂₇ = 1976 JE₈ = 1986 GG₂ = 1999 XZ₁₈₁
 2001 CX₂₇ = 1973 VH
 2001 CA₂₈ = 1997 CN₁₉
 2001 CJ₂₈ = 2000 CW₃
 2001 CP₂₈ = 1994 CV₁₄
 2001 CA₂₉ = 1992 EA₉
 2001 CC₂₉ = 1999 XJ₂₄₈
 2001 CF₂₉ = 1998 HZ₁₀₄
 2001 CG₂₉ = 1993 FQ₆₈
 2001 CV₂₉ = 1997 CP₂₀
 2001 CB₃₀ = 1995 WH₂₂
 2001 CC₃₀ = 1997 HG₅
 2001 CF₃₀ = 1997 HM₄
 2001 CV₃₀ = 1991 GO₃ = 1999 XN₂₃₉
 2001 CX₃₀ = 1982 XX₁
 2001 CN₃₁ = 1999 TB₃₂₄
 2001 CF₃₂ = 1999 XE₄₇
 2001 CH₃₂ = 2000 AG₁₂
 2001 CJ₃₃ = 2000 YA₁₄₀
 2001 CK₃₃ = 1976 UY₁₀
 2001 CE₃₄ = 2000 AY₂₄₀
 2001 CB₃₅ = 1998 XP₂₉
 2001 CK₃₅ = 1997 YN₂₁
 2001 CN₃₅ = 1977 OM
 2001 CS₃₅ = 1979 SB
 2001 CD₃₆ = 1999 TP₂₆₄
 2001 CH₃₆ = 1999 RN₂₂₂
 2001 CJ₃₆ = 1999 VG₁₉₉
 2001 CM₃₆ = 1997 UK₂₆ = 1999 XG₁₈₇
 2001 CO₃₆ = 1993 FN₁₁
 2001 CZ₃₆ = 1999 TS₂₅₃
 2001 CK₃₇ = 1999 RQ₆₉
 2001 CD₃₈ = 2000 BR₇
 2001 CE₃₈ = 2000 AW₁₁₀
 2001 CT₃₉ = 1998 FQ₁₃₉
 2001 CC₄₁ = 1995 YY₁₄

2001 CE₄₁ = 1999 VR₂₂₆
 2001 CD₄₂ = 1998 VE₂₂
 2001 CE₄₂ = 1999 RQ₁₀₅
 2001 CQ₄₂ = 1996 RG₂₉ = 2000 CF₁₀
 2001 CU₄₂ = 1999 QO₁
 2001 CH₄₃ = 2000 AZ₁₈₆
 2001 CK₄₃ = 1999 TF₂₅₂
 2001 CH₄₄ = 1997 JC₁₆ = 1999 XC₄₇
 2001 CQ₄₄ = 1999 TW₂₃₀
 2001 CR₄₄ = 1995 WO₃₅
 2001 CH₄₅ = 2000 AV₇₃
 2001 DC = 1998 HY₁₇
 2001 DU = 1993 FB₃₁
 2001 DZ = 1999 TQ₅₃
 2001 DG₁ = 1999 RU₂₄₃
 2001 DJ₁ = 1999 RM₁₉₂
 2001 DN₁ = 1998 HA₁₀₀
 2001 DV₁ = 1995 VF₁₇
 2001 DR₂ = 1999 TQ₂₅₃
 2001 DO₃ = 1997 AR₁₃
 2001 DP₃ = 1999 VL₂₀₄
 2001 DM₅ = 1996 XA₂₉ = 1998 KQ₁₅
 2001 DO₅ = 1999 XB₁₈₆
 2001 DP₅ = 1996 TG₆₈
 2001 DV₅ = 1998 HM₈₃
 2001 DT₆ = 1981 XY = 1998 XZ₆₆
 2001 DX₆ = 1994 PY₂ = 1999 TQ₂₈₇
 2001 DJ₇ = 1993 FH₆₂
 2001 DK₇ = 1996 HX₂₄ = 1999 VZ₁₇₁
 2001 DP₇ = 1998 HO₉₅
 2001 DJ₈ = 1998 GC₁₁
 2001 DS₉ = 1999 XL₅₈
 2001 DT₉ = 1998 MD₃₁ = 1999 VD₂₀₀
 2001 DD₁₀ = 1999 XY₂₄₆
 2001 DL₁₀ = 1996 RM₂₈ = 2000 AR₁₀₇
 2001 DS₁₁ = 2000 AU₁₆₉
 2001 DD₁₂ = 1998 QR₂₃
 2001 DJ₁₃ = 1997 TL₁
 2001 DF₁₄ = 1999 TD₂₇₁
 2001 DQ₁₄ = 1999 RV₂₂₄
 2001 DW₁₄ = 1999 VX₁₁₆
 2001 DB₁₅ = 1999 TF₁₈₂
 2001 DC₁₅ = 1999 VH₂₀₃
 2001 DH₁₅ = 1998 KZ₃₄
 2001 DJ₁₆ = 1988 DC₂ = 1998 MJ₅
 2001 DN₁₆ = 1999 TV₂₂₃
 2001 DD₁₇ = 1998 VT₃₇
 2001 DO₁₇ = 1998 QX₁₀₉ = 2000 AT₂₄₀
 2001 DS₁₇ = 1999 XS₂₅₆
 2001 DA₁₈ = 1997 HT₈
 2001 DA₁₉ = 1999 VG₁₀₁
 2001 DF₁₉ = 1999 XM₂₄₅

2001 DH₁₉ = 1995 WA₃₁ = 2000 AD₁₃
 2001 DT₁₉ = 1986 TY₄ = 1986 TD₁₉ = 1990 SU₂₂
 2001 DV₂₀ = 2000 AA₂₂
 2001 DH₂₃ = 1999 VL₁₅₅
 2001 DB₂₄ = 1994 WF₉ = 1999 XO₁₄₈
 2001 DD₂₅ = 1999 VB₁₉₇
 2001 DP₂₅ = 1994 VZ₃ = 1997 EF₅₄ = 1998 SA₈₆
 2001 DQ₂₅ = 1999 YX₉
 2001 DQ₂₆ = 1999 TP₃₀₄
 2001 DC₂₇ = 1996 BM₁₅
 2001 DN₂₇ = 1994 RK₂₃
 2001 DS₂₇ = 1999 VM₁₃₀
 2001 DV₂₈ = 1999 TD₃₀₈
 2001 DH₂₉ = 1998 WZ₂₅
 2001 DU₂₉ = 1997 GA₁₆
 2001 DX₂₉ = 1999 VU₁₂₆
 2001 DE₃₁ = 1999 TA₂₀₄
 2001 DT₃₂ = 1998 RP₅₉
 2001 DB₃₃ = 2000 CQ₃
 2001 DE₃₃ = 1999 TF₂₆₃
 2001 DU₃₄ = 1996 XC₂₃
 2001 DX₃₄ = 1998 HN₁₁₃
 2001 DD₃₅ = 1997 CU₁
 2001 DE₃₅ = 1999 RG₁₇₁
 2001 DF₃₅ = 1998 RY₁₄
 2001 DY₃₅ = 1989 YM₄
 2001 DV₃₆ = 1998 KC₆₁ = 1999 XK₂₃
 2001 DO₃₈ = 1999 TO₂₈₁
 2001 DV₃₈ = 1998 SV₄₄
 2001 DD₃₉ = 1995 SF₂₀
 2001 DL₃₉ = 1999 TA₂₅₇
 2001 DN₃₉ = 1999 TG₈₉
 2001 DT₃₉ = 1999 NX₂₅
 2001 DT₄₁ = 1999 QF₃
 2001 DD₄₂ = 1994 ED₅
 2001 DW₄₂ = 1999 TW₃₂₀
 2001 DJ₄₄ = 1999 TW₃₁₁
 2001 DQ₄₄ = 1999 VT₁₂₆
 2001 DW₄₄ = 1998 FL₁₁₅ = 1999 TA₁₉₈
 2001 DP₄₅ = 1999 TY₂₅₂
 2001 DJ₄₆ = 1998 HX₂₂
 2001 DE₄₈ = 1993 FN₅₃
 2001 DK₄₉ = 1998 HV₇₄
 2001 DL₄₉ = 1999 XL₂₅₆
 2001 DR₄₉ = 1999 OO₂
 2001 DU₄₉ = 1997 HH₈
 2001 DN₅₀ = 1999 YZ₁₅
 2001 DV₅₀ = 1994 AC₁₆
 2001 DK₅₁ = 1999 TT₂₂₈
 2001 DM₅₁ = 1996 JP₄ = 1999 XK₁₄₉
 2001 DN₅₁ = 1997 MU₆
 2001 DO₅₁ = 2000 AE₁₁

2001 DS₅₁ = 1976 UF₁₅ = 1999 XF₁₂₆
 2001 DW₅₁ = 2000 AH₁₃
 2001 DY₅₁ = 1999 XD₁₁₂
 2001 DN₅₉ = 1998 SO₈₀
 2001 DU₅₉ = 1997 EP₁₁
 2001 DC₆₀ = 1999 TT₂₈₄
 2001 DT₆₂ = 1998 OM₁₁
 2001 DD₆₃ = 1999 XL₂₃₆
 2001 DB₆₄ = 1999 TD₄₂
 2001 DZ₆₄ = 1999 TX₁₆₅
 2001 DT₆₅ = 1998 SY₁₄₉
 2001 DD₆₈ = 1998 RG₁₄ = 1999 XP₁₁₄
 2001 DB₆₉ = 1990 FM₂
 2001 DV₆₉ = 1999 RU₂₄₈
 2001 DB₇₀ = 1999 RV₆₂
 2001 DM₇₁ = 6853 P-L = 1998 UY₂
 2001 DB₇₅ = 1998 KT₂₇
 2001 DC₇₉ = 1975 XK₆ = 2000 AC₇₁
 2001 DH₈₀ = 1997 AH₆
 2226 P-L = 1999 VZ₁₅₄ = 2001 AT₅₁
 4245 P-L = 1988 RK₁₀
 4818 P-L = 2001 CN₄
 6237 P-L = 1997 UM₆ = 2000 KB₆
 6695 P-L = 2000 VF₃₈
 9537 P-L = 2000 HD₄₅
 9564 P-L = 2001 AA₃₁
 9586 P-L = 1997 EP₂ = 2000 SZ₁₂₄
 1263 T-1 = 2001 AH₃₇
 2094 T-1 = 2001 CU₉
 2134 T-1 = 2001 DP₃₁
 3337 T-1 = 1999 EK₁₄
 4141 T-1 = 2001 BD₅₉
 1272 T-2 = 2001 AD₄₃
 1291 T-2 = 2000 YJ₇₅
 2063 T-2 = 2001 AG₃₁
 2279 T-2 = 2000 EO₁₃₂ = 2000 GX₈
 3211 T-2 = 1982 DU₃ = 2000 MX₆
 3224 T-2 = 1999 AX₃₈ = 2000 EX₃₁
 3370 T-2 = 1998 VR₂₈ = 2000 GR₁₂₁ = 2000 GD₁₈₅
 4201 T-2 = 2001 BV₇₄
 4302 T-2 = 2000 YA₈₈
 4733 T-2 = 1998 FY₄₅ = 2000 SL₂₂₆
 1109 T-3 = 2001 DL₃₈
 1209 T-3 = 2000 AR₂₅₅ = 2000 BT₁₉
 2251 T-3 = 2001 DE₁₀
 2398 T-3 = 2000 WV₅₅
 3138 T-3 = 1990 EW₄ = 1999 TA₁₄₂
 3346 T-3 = 2001 CW₂₄
 4289 T-3 = 2001 BV₂₅

NEW NAMES OF MINOR PLANETS

(5073) Junttura = 1943 EN

Discovered 1943 Mar. 3 by Y. Väisälä at Turku.

Junttura embodies the Finnish mentality to get things done, stubbornly and at all costs. As Väinö Linna's novel, *Täällä pohjantähden alla* ("Here under the north star"), put it, "In the beginning, there was the swamp, the hoe and Jussi". Yet Jussi persisted and built a house. The name was suggested by K. Nousiainen.

(5712) Funke = 1979 SR

Discovered 1979 Sept. 25 by A. Mrkos at Kletř.

Jaromír Funke (1896–1945) was a Czech photographer, known for his images of architecture and landscape issuing from functionalism. The name was suggested by M. Tichý.

(6136) Gryphon = 1990 YH

Discovered 1990 Dec. 22 by A. Natori and T. Urata at the JCPM Yakiimo Station.

In Lewis Carroll's *Alice's adventures in Wonderland*, the Gryphon had an eagle's head, a front half with wings and talons, and at the back a lion's legs and tail. Unfortunately, Alice did not quite like the look of the creature. The Gryphon appears to have been a friend of the Mock Turtle.

(6281) Strnad = 1980 SD

Discovered 1980 Sept. 16 by A. Mrkos at Kletř.

Antonín Strnad (1747–1799) was the third director of the Klementinum observatory in Prague. The daily meteorological measurements he began in 1775 still continue today. He rescued the Gothic Astronomical Clock on the Prague Town Hall. The name was suggested by J. Tichá and M. Šolc.

(6385) Martindavid = 1989 EC₂

Discovered 1989 Mar. 5 by A. Mrkos at Kletř.

Martin Alois David (1757–1836), the fourth director of the Klementinum observatory in Prague, organized extensive longitude and latitude measurements in Bohemia. The name was suggested by J. Tichá and M. Šolc.

(6573) Magnitskij = 1974 SK₁

Discovered 1974 Sept. 19 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Leontij Filippovich Magnitskij (1669–1739), a teacher of mathematics at the School of Mathematical and Navigation Sciences in Moscow from 1701, was author of the first printed book in Russia on "arithmetics", an encyclopedia of mathematical and astronomical knowledge at that time.

(6596) Bittner = 1987 VC₁

Discovered 1987 Nov. 15 by A. Mrkos at Kletř.

Adam Bittner (1777–1844), the fifth director of the Klementinum observatory in Prague, introduced a timeball in Prague that fell daily at noon. The name was suggested by J. Tichá and M. Šolc.

(6597) Kreil = 1988 AF₁

Discovered 1988 Jan. 9 by A. Mrkos at Kletř.

Karl Kreil (1798–1862), the sixth director of the Klementinum observatory in Prague, carried out geomagnetic measurements in the Austro-Hungarian empire. He

was later director of the Central Institute for Meteorology and Geomagnetism in Vienna. The name was suggested by J. Tichá and M. Šolc.

(6712) Hornstein = 1990 DS₁

Discovered 1990 Feb. 23 by A. Mrkos at Kleť.

Karl Hornstein (1824–1882), the eighth director of the Klementinum observatory in Prague, studied the orbits of minor planets, including the irregularities in their distribution that were later called the Kirkwood gaps. The name was suggested by J. Tichá and M. Šolc.

(6714) Montréal = 1990 OE₂

Discovered 1990 July 29 by H. E. Holt at Palomar.

Host city for the IAU General Assembly in 1979, Montreal has combined the best of English and French cultures since its founding in 1642. The city has a rich astronomical tradition, as can be seen in several outdoor works of art that emphasize the city's connection to the stars.

(6783) Gulyaev = 1990 SO₂₈

Discovered 1990 Sept. 24 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Yuriy Aleksandrovich Gulyaev (1930–1986) was a brilliant Russian singer, People's artist of the U.S.S.R., soloist of the Kiev Theatre of Opera and Ballet during 1960–1974 and soloist of the Bolshoj Theatre in Moscow from 1975.

(6784) Bogatikov = 1990 UN₁₃

Discovered 1990 Oct. 28 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Yuriy Iosifovich Bogatikov (b. 1932) is a Russian-Ukrainian singer, People's artist of the U.S.S.R., soloist of the Crimean Philharmonic Society from 1975 and a performer of folk songs and vocal works by Soviet composers.

(6904) McGill = 1990 QW₁

Discovered 1990 Aug. 22 by H. E. Holt at Palomar.

One of Canada's oldest and most highly regarded universities, McGill (founded 1838) has enjoyed a first-rate reputation. Once home to Stephen Leacock and physicist Ernest Rutherford, the university has done pioneering research both on the earth in medicine and in space through its department of earth and planetary sciences.

(7114) Weinek = 1986 WN₇

Discovered 1986 Nov. 29 by A. Mrkos at Kleť.

Ladislav Weinek (1848–1913), the ninth director of the Klementinum observatory in Prague, collaborated with Küstner in the discovery of polar motion. He published a lunar atlas based on photographs from the Lick Observatory. The name was suggested by J. Tichá and M. Šolc.

(7115) Franciscuszeno = 1986 WO₇

Discovered 1986 Nov. 29 by A. Mrkos at Kleť.

Franciscus Zeno (1734–1781), the second director of the Klementinum observatory in Prague, was a paleontologist and professor of mathematics at Prague University. The name was suggested by J. Tichá and M. Šolc.

(7118) Kuklov = 1988 VD₅

Discovered 1988 Nov. 4 by A. Mrkos at Kleť.

Kuklov is a small village in southern Bohemia northwest of Kleť Mountain. There are impressive remnants of a Gothic church and monastery from the first half

of the sixteenth century and the remnants of the castle from the fourteenth century. The name was suggested by J. Tichá.

(7124) Glinos = 1990 OJ₄

Discovered 1990 July 24 by H. E. Holt at Palomar.

Canadian amateur astronomer Tom Glinos (b. 1960) has contributed observations in several fields for almost a quarter of a century. He recently donated a high-quality equatorial telescope mount to the London Centre of the Royal Astronomical Society of Canada, a group with which he has been long active.

(7171) Arthurkraus = 1988 AT₁

Discovered 1988 Jan. 13 by A. Mrkos at Kleť.

Baron Arthur Kraus (1854–1930) was a man of wide interests, including new technology, sports and aviation. He privately funded the Public Observatory at Pardubice in 1912, made observations of sunspots and mainly served as a sedulous popularizer of astronomy. The name was suggested by J. Tichá.

(7232) Nabokov = 1985 UQ

Discovered 1985 Oct. 20 by A. Mrkos at Kleť.

Vladimir Vladimirovich Nabokov (1899–1977) was a Russian-American novelist, poet and critic. His best works, including *Lolita* (1955), feature stylish, intricate literary effects. The name was suggested by J. Tichá.

(7268) Chigorin = 1972 TF

Discovered 1972 Oct. 3 by L. V. Zhuravleva at the Crimean Astrophysical Observatory.

Mikhail Ivanovich Chigorin (1850–1908), founder of the Russian chess school, was Russian chess champion from 1899 to 1906. He gained victories in international chess tournaments in New York (1889), Budapest (1896) and Vienna (1903).

(7304) Namiki = 1994 AE₂

Discovered 1994 Jan. 9 by T. Kobayashi at Oizumi.

Namiki Mitsuo (b. 1957) is a Japanese amateur astronomer on the staff of the public-information office of the National Astronomical Observatory. He acts as a bridge between Japanese professionals and amateurs and helps create friendly relationships.

(7320) Potter = 1978 TP₆

Discovered 1978 Oct. 2 by L. V. Zhuravleva at the Crimean Astrophysical Observatory.

Pulkovo astronomer Kheino Potter (b. 1929) is known for his work on the determination of astronomical constants and the problems of selenodesy. He was initiator of and an active contributor to FOCAT, the reference catalogue for the southern sky, and he organized the observational station at Ordubad.

(7332) Ponrepo = 1986 XJ₅

Discovered 1986 Dec. 4 by A. Mrkos at Kleť.

Viktor Ponrepo, born Dismas Šlambor (1858–1926), was founder of the first permanent cinema in Prague in 1907. The name was suggested by M. Tichý.

(7334) Sciurus = 1988 QV

Discovered 1988 Aug. 17 by A. Mrkos at Kleť.

Sciurus vulgaris and *Sciurus carolinensis* are squirrels, animals that live mainly in the tops of trees in parks and forests around many observatories, including Kleť and the České Budějovice Observatory. The name was suggested by J. Tichá.

(7403) Choustník = 1988 AV₁

Discovered 1988 Jan. 14 by A. Mrkos at Kleť.

Choustník is a castle founded in the mid-thirteenth century. Under the brothers Beneš and Jan of Choustník two similar palaces with square towers were built. Choustník is a rare example of twin castles. It was abandoned in the seventeenth century. The name was suggested by M. Tichý.

(7644) Cslewis = 1988 VR₅

Discovered 1988 Nov. 4 by A. Mrkos at Kleť.

Clive Staples Lewis (1898–1963) was a British scholar and novelist, author of the famous children's fantasy *The Chronicles of Narnia*. In his three science-fiction novels, *Space Trilogy*, he described a cosmic struggle between good and evil in the solar system. The name was suggested by M. Kočer.

(7696) Liebe = 1988 JD

Discovered 1988 May 10 by W. Landgraf at the European Southern Observatory.

Bodo Liebe, a professor at the University of Siegen, started a program in astronomy and established an observatory there. This enabled the discoverer to embark on his study of minor planets and comets.

(7701) Zrzavý = 1990 TX₈

Discovered 1990 Oct. 14 by A. Mrkos at Kleť.

Jan Zrzavý (1890–1977) was a Czech painter, graphic artist and illustrator, known for imaginary lyric landscapes and figures. The name was suggested by J. Tichá.

(7729) Golovanov = 1977 QY₃

Discovered 1977 Aug. 24 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Space engineer Yaroslav Kirillovich Golovanov (b. 1932) writes scientific reviews on space problems. As the author of many hundreds of articles and more than 20 books, he is the laureate of many prizes and awards, including the "Golden Pen" medal, the highest award of the Union of Soviet Journalists.

(7736) Nizhnij Novgorod = 1981 RC₅

Discovered 1981 Sept. 8 by L. V. Zhuravleva at the Crimean Astrophysical Observatory.

Nizhnij Novgorod is an old Russian city located at the confluence of the Volga and Oka rivers. Founded in 1221, the city is now a large industrial, scientific and cultural center. It is known for many architectural monuments and the famous Nizhnij Novgorod Fair.

(7858) Bolotov = 1978 SB₃

Discovered 1978 Sept. 26 by L. V. Zhuravleva at the Crimean Astrophysical Observatory.

Andrej Timofeevich Bolotov (1738–1833) was a Russian writer, scientist, agriculturist, selectionist, forester and builder of parks.

(7913) Parfenov = 1978 TU₈

Discovered 1978 Oct. 9 by L. V. Zhuravleva at the Crimean Astrophysical Observatory.

Anatolij Ivanovich Parfenov (1925–1993) was an outstanding Russian sportsman, a champion of the Melbourne Olympic games in 1956 in classical wrestling, an Honored Master of Sports and an Honored Coach of the U.S.S.R. The "Herculean games" devoted to his memory took place in Moscow in 1999.

(7936) Mikemagee = 1990 OW₂

Discovered 1990 July 30 by H. E. Holt at Palomar.

Michael Magee (b. 1958) has had a distinguished career with the University of Arizona's Flandrau Science Center and Planetarium since 1980. Throughout two decades Magee has been largely responsible for the planetarium's production of astronomy shows and its outreach program.

(7979) Pozharskij = 1978 SV₇

Discovered 1978 Sept. 26 by L. V. Zhuravleva at the Crimean Astrophysical Observatory.

Russian prince Dmitrij Mikhailovich Pozharskij (1578–1642) was a noted Russian statesman and soldier. He was leader of the second people's volunteer corps of Nizhnij Novgorod, which defeated the regular Polish troops of Hetman Chodkiewicz near Moscow in 1612.

(8134) Minin = 1978 SQ₇

Discovered 1978 Sept. 26 by L. V. Zhuravleva at the Crimean Astrophysical Observatory.

Kuz'ma Minich Zakhar'ev Sukhorukij (Kuz'ma Minin, d. 1616) was one of the organizers of the second people's volunteer corps in Nizhnij Novgorod during 1611–1612. He displayed great action and personal bravery in the battle with Polish troops near Moscow and is a favorite national hero in Russia.

(8145) Valujki = 1983 RY₄

Discovered 1983 Sept. 5 by L. V. Zhuravleva at the Crimean Astrophysical Observatory.

The small Russian town of Valujki, founded in 1593 as a southern fortress of the Moscow State, is the center of the Valujki district of the Belgorod region. Located at a picturesque place near the confluence of the Valuj and Oskol rivers, it is a town of railwaymen and of workers in the food industry.

(8151) Andranada = 1986 PK₆

Discovered 1986 Aug. 12 by L. V. Zhuravleva at the Crimean Astrophysical Observatory.

Andrej Vladimirovich Shakhov (b. 1954) works in the faculty of diseases of the ear, nose and throat at the Nizhnij Novgorod State Medical Academy. His wife, Natalia Mikhailovna Shakhova (b. 1957) works in the faculty of midwifery and gynecology.

(8343) Tugendhat = 1986 TG₃

Discovered 1986 Oct. 4 by A. Mrkos at Kleť.

Tugendhat House is one of the most magnificent pieces of modern architecture in the Czech Republic. It was built by Mies van der Rohe in Brno in 1930 as a family villa of great elegance, following the idea of freely floating space. The name was suggested by J. Tichá.

(8494) Edpatvega = 1990 OT₄

Discovered 1990 July 25 by H. E. Holt at Palomar.

Ed (b. 1931) and Pat (b. 1944) Vega have been a dynamic astronomical team for many years. Drawing on his experience as a pathologist, Ed Vega has completed a study, called "Comet Disaster", of the long-term effects to humanity of a large comet's impact on the earth.

(8545) McGee = 1994 AM₁

Discovered 1994 Jan. 2 by B. G. W. Manning at Stakenbridge.

Hazel McGee was meetings secretary of the British Astronomical Association from 1988 to 1993 and has been editor of the association's *Journal* since 1994, carrying out this task most efficiently and introducing many improvements. She is an enthusiastic observer of variable stars and of stellar occultations by minor planets.

(8554) Gabreta = 1995 KH

Discovered 1995 May 25 by M. Tichý at Kletř.

Gabreta is an ancient, presumably Celtic name of the Šumava mountains, or Böhmerwald, along the border of Bohemia and Bavaria. The name was first mentioned by Strabo in his *Geographica* in the first century.

(8712) Suzuko = 1994 TH₂

Discovered 1994 Oct. 2 by K. Endate and K. Watanabe at Kitami.

Suzuko Hurukawa (b.1935), wife of astronomer Kiichirou Hurukawa, has inspired many Japanese amateurs, including the discoverers, with her kindness and hospitality.

(8713) Azusa = 1995 BT₂

Discovered 1995 Jan. 26 by K. Endate and K. Watanabe at Kitami.

Azusa Hurukawa (b.1968) is the daughter of astronomer Kiichirou Hurukawa.

(8889) Mockturtle = 1994 OC

Discovered 1994 July 31 by Y. Shimizu and T. Urata at the Nachi-Katsuura Observatory.

The Mock Turtle, which appears in Lewis Carroll's *Alice's adventures in Wonderland*, has a turtle's shell and front flippers, but a cow's head and a cow's back legs and tail. Once he was a Real Turtle. The Mock Turtle has "large eyes full of tears". In a voice choked with sobs, he sings a song to Alice about soup.

(9017) Babadzhanyan = 1986 TW₉

Discovered 1986 Oct. 2 by L. V. Zhuravleva at the Crimean Astrophysical Observatory.

Arno Arutyunovich Babadzhanyan (1921–1983) was an outstanding Soviet composer and brilliant pianist. He created romantic *Heroic Ballade* for piano accompanied by orchestra, a piano trio, violin and cello concerti and other chamber music. He also wrote many popular songs and music for plays and films.

(9034) Oleyuria = 1990 QZ₁₇

Discovered 1990 Aug. 26 by L. V. Zhuravleva at the Crimean Astrophysical Observatory.

Husband and wife piano duettists, Yurij Viktorovich Shcherbakov (b.1957) and Ol'ga Konstantinovna Shcherbakova (b.1962), won the Concours "Musical international tour" in Rome in 1992 and 1993. Their mastery has received the highest estimation of experts in many countries.

(9146) Tulikov = 1976 YG₁

Discovered 1976 Dec. 16 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Composer Serafim Sergeevich Tulikov (b.1914), People's artist of the U.S.S.R., is the author of many lyrical and patriotic songs that are very popular with the Russian people.

(9158) Platè = 1984 MR

Discovered 1984 June 25 by T. M. Smirnova at the Crimean Astrophysical Observatory.

Nikolaj Alfredovich Platè (b.1934), chief scientific secretary of the Russian Academy of Sciences and director of the Institute of Petrochemical Synthesis in Moscow, is known for the synthesis of thermotropic liquid crystalline polymers, polymeric systems for drug targeting and membrane technology for gas separation.

(9175) Graun = 1990 OO₂

Discovered 1990 July 29 by H. E. Holt at Palomar.

Ken Graun (b.1955) has written two astronomical books. *What's Out Tonight?* is a major compilation of what the night sky will look like for the next 50 years. His introduction to the planets is intended for young children.

(9262) Bordovitsyna = 1973 RF

Discovered 1973 Sept. 6 by T. M. Smirnova at the Crimean Astrophysical Observatory.

Tatiana Valentinovna Bordovitsyna (b.1940), head of the department of celestial mechanics and astrometry in the Institute for Applied Mathematics and Mechanics of Tomsk University, is an expert on the dynamics of natural and artificial satellites and orbit computation, as well as a gifted educator of young scientists.

(9297) Marchuk = 1984 MP

Discovered 1984 June 25 by T. M. Smirnova at the Crimean Astrophysical Observatory.

Gurij Ivanovich Marchuk (b.1925), director of the Institute of Numerical Mathematics of the Russian Academy of Sciences, is a specialist in numerical and applied mathematics, well known for his mathematical modeling of complex systems. From 1986 to 1991 he was president of the U.S.S.R. Academy of Sciences.

(9358) Fårö = 1992 DN₇

Discovered 1992 Feb. 29 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

Fårö, an island in itself, is the northernmost parish on Gotland. It is famous for its seastacks and beautiful beaches.

(9359) Fleringe = 1992 ED₁₁

Discovered 1992 Mar. 6 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

Fleringe is a small parish on the Swedish island of Gotland. Here can be found several old limestone quarries, of which one has been turned into an industrial museum.

(9372) Vamlingbo = 1993 FK₃₇

Discovered 1993 Mar. 19 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

Vamlingbo is a parish on the island of Gotland. It has a medieval church and several remains from the Middle Ages.

(9373) Hamra = 1993 FY₄₃

Discovered 1993 Mar. 19 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

Hamra is a small parish on southern Gotland. The general store, famous from the song *snabbköpskassörskan*, has now closed, as have most of the other general stores in the Gotland countryside.

(9374) Sundre = 1993 FJ₄₆

Discovered 1993 Mar. 19 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

Sundre is the southernmost and smallest parish on the Swedish island of Gotland.

(9449) Petrbondy = 1997 VU₂

Discovered 1997 Nov. 4 by L. Šarounová at Ondřejov.

Petr Kalaš, alias Bondy (1944–2000), was leader of the Prague Scout section *Maják* (“Lighthouse”) and a lover of historical American cars. Bondy was appreciated by friends for his lack of reserve, his strong mind, kindness and sense of humor. He died exactly three years after the discovery of this minor planet.

(9518) Robbynaish = 1978 GA

Discovered 1978 Apr. 7 at the Agassiz Station of the Harvard College Observatory.

Hawaiian Robby Naish (b. 1963) is known in the international windsurfing community as a competitor and an entrepreneur. Five-time world champion of the Professional Windsurfing Association, he is also a pioneer kitesurfer and won the 2000 King of the Air competition on Maui. The name was suggested by R. Crane.

(9544) Scottbirney = 1984 EL

Discovered 1984 Mar. 1 by E. Bowell at the Anderson Mesa Station of the Lowell Observatory.

D. Scott Birney (b. 1926) was a professor of astronomy at Wellesley College, Massachusetts, from 1968 to 1991, serving as department chair. He authored two textbooks: *Modern Astronomy* (1969) and *Observational Astronomy* (1991). The name was suggested by F. Vilas.

(9550) Victorblanco = 1985 TY₁

Discovered 1985 Oct. 15 by E. Bowell at the Anderson Mesa Station of the Lowell Observatory.

Victor M. Blanco (b. 1918) was director of the Cerro Tololo Interamerican Observatory from 1967 to 1981. Under his leadership, Cerro Tololo developed into a major southern-hemisphere observatory, including the construction of the 4-meter telescope in 1975. The name was suggested by F. Vilas.

(9560) Anguita = 1987 EQ

Discovered 1987 Mar. 3 by E. Bowell at the Anderson Mesa Station of the Lowell Observatory.

Claudio Anguita (1930–2000), an astrometrist at the Universidad de Chile, was critically helpful during the establishment of the Cerro Tololo Interamerican Observatory, forging links between AURA and the Universidad de Chile. He was an IAU Vice President during 1994–2000. The name was suggested by F. Vilas.

(9563) Kitty = 1987 SJ₁

Discovered 1987 Sept. 21 by E. Bowell at the Anderson Mesa Station of the Lowell Observatory.

Katherine (“Kitty”) F. Putnam (b. 1916) was, from 1975 through 1984, president of the Springfield, Massachusetts, Television Corporation. She was also the first woman elected to the board of the National Association of Broadcasters.

(9584) Louchheim = 1990 OL₄

Discovered 1990 July 25 by H. E. Holt at Palomar.

For many years Thomas Louchheim (b. 1957), of Tucson, Arizona, has been a highly regarded counsellor for hundreds of Tucson-area families. Active in childhood education, Louchheim’s optimistic philosophy has brightened the lives of many young people.

(9682) Gravesande = 4073 P-L

Discovered 1960 Sept. 24 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Willem J. ’s Gravesande (1688–1742) was a professor of mathematics, astronomy and philosophy at Leiden University. During his life he wrote many textbooks on mathematics and philosophy, and he is also important as an exponent of Newton’s philosophy in Europe. The name was suggested by W. A. Fröger.

(9683) Rambaldo = 4099 P-L

Discovered 1960 Sept. 24 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Alfred E. Rambaldo (1879–1911), born on the island of Java, did extensive research on the upper layers of the atmosphere. He was also a great promoter of aviation, especially balloons/airships in the Netherlands and in the Dutch East Indies, where he died during a balloon accident. The name was suggested by W. A. Fröger.

(9707) Petruskoning = 3226 T-3

Discovered 1977 Oct. 16 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Petrus A. Koning (b. 1934) has organized youth astronomy camps. Founder of the Bussloo Public Observatory, he was long a member of the observatory board. In 1995 he received the Van der Bilt Prize for his efforts to promote astronomy in the Dutch province of Gelderland. The name was suggested by W. A. Fröger.

(9915) Potanin = 1977 RD₂

Discovered 1977 Sept. 8 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Grigorij Nikolaevich Potanin (1835–1920) was a Russian geographer, ethnographer and publicist, an explorer of Central Asia and Siberia who took part in several expeditions to Mongolia, North China and Tibet. He made a valuable contribution to the development of culture and education in Siberia.

(9916) Kibirev = 1978 TR₂

Discovered 1978 Oct. 3 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Sergej Feodosievich Kibirev (b. 1950) is involved in new methods of the processing of information, organizing the production of microelectronics in Novosibirsk. A champion sprinter in his youth, he likes extreme forms of sports. He is also a poet.

(9933) Alekseev = 1985 SM₃

Discovered 1985 Sept. 19 by N. S. Chernykh and L. I. Chernykh at the Crimean Astrophysical Observatory.

Anatolij Semenovich Alekseev (b. 1928), a professor in the department of mathematical geophysics at Novosibirsk University, is a pioneer in the mathematical theory of geophysical processes and phenomena. He has been engaged in the mathematical modeling of the geophysical consequences of asteroidal impacts on the earth.

(9938) Kretlow = 1988 KA

Discovered 1988 May 18 by W. Landgraf at the European Southern Observatory.

Mike Kretlow, a longtime friend of the discoverer, was a fellow student at the University of Siegen, where he wrote a masters’ thesis about nongravitational forces on comets.

(10004) Igormakarov = 1975 VV₂

Discovered 1975 Nov. 2 by T. M. Smirnova at the Crimean Astrophysical Observatory.

Igor' Mikhajlovich Makarov (b. 1927) is known for his research on nonlinear and adaptive systems, artificial intelligence and the choice and acceptance of decisions. He was chief scientific secretary of the Russian Academy of Sciences during 1988–1996. The name was suggested by the Institute of Applied Astronomy.

(10005) Chernega = 1976 SS₂

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

Nikolaj Akimovich Chernega (b. 1923) is a specialist in astrometry and the compilation of catalogues of highly precise stellar coordinates. He was head of the astrometric Department of the Astronomical Observatory of Kiev University during 1961–1988.

(10011) Avidzba = 1978 QY₁

Discovered 1978 Aug. 31 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Anatolij Mkanovich Avidzba (b. 1951), orchardist and viticulturist, is a member of the International Academy of Vine-growing and Wine-making, a corresponding member of the Ukrainian Academy of Agrarian Sciences and director of the “Magrach” institute of Vine-growing and Wine-making in the Crimea.

(10012) Tmutarakania = 1978 RE₃

Discovered 1978 Sept. 3 by N. S. Chernykh and L. G. Karachkina at the Crimean Astrophysical Observatory.

Tmutarakania was a Russian principality in the Tamanian peninsula from the tenth to the twelfth centuries.

(10022) Zubov = 1979 SU₂

Discovered 1979 Sept. 22 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Vladimir Ivanovich Zubov (1930–2000), Russian mathematician and mechanician, was founder of the Institute for Computational Mathematics and Control Processes at the Leningrad-St. Petersburg State University.

(10025) Rauer = 1980 FO₁

Discovered 1980 Mar. 16 by C.-I. Lagerkvist at the European Southern Observatory.

German planetary astronomer Heike Rauer (b. 1961) is known for her observational work on cometary comae, in particular that of comet C/1995 O1 (Hale-Bopp). She is currently working at the Institute of Space Sensor Technology and Planetary Exploration in Berlin on a project to search for extrasolar planetary systems.

(10102) Digerhuvud = 1992 DA₆

Discovered 1992 Feb. 29 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

Digerhuvud is the place on Gotland where seastacks are most common.

(10103) Jungfrun = 1992 DB₉

Discovered 1992 Feb. 29 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

Jungfrun is the largest seastack on Gotland.

(10104) Hoburgsgubben = 1992 EY₉

Discovered 1992 Mar. 2 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

Hoburgsgubben is a very characteristic seastack on southern Gotland, looking like an old man watching the sea.

(10105) Holmhällar = 1992 EM_{1,2}

Discovered 1992 Mar. 6 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

Holmhällar, on Gotland, contains an unusual area of seastacks. One of the expeditions from the Uppsala Observatory to the total solar eclipse on 1954 June 30 was based there.

(10106) Lergrav = 1992 EV₁₅

Discovered 1992 Mar. 1 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

Lergrav is one of the most exotic seastack sites on Gotland.

(10174) Emička = 1995 JD

Discovered 1995 May 2 by Z. Moravec at Kletř.

Ema Moravcová (b. 1999) is the discoverer's daughter.

(10215) Lavilledemirmont = 1997 SQ

Discovered 1997 Sept. 20 by L. Šarounová at Ondřejov.

The work of French poet Jean de La Ville de Mirmont (1864–1914) evoked images of unreachable horizons and bitterness. His poetic opera *L'Horizon Chimérique* (“Fanciful Horizon”) inspired the music of Gabriel Fauré. The name was suggested by R. and A. Soubie.

(10269) Tusi = 1979 SU₁₁

Discovered 1979 Sept. 24 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Nasir ad-Din at-Tusi Abu Djafar Mukhammed ibn Mukhammed (1201–1274) was an outstanding Azerbaijani astronomer, mathematician and philosopher. He founded the Maraga Observatory, then the largest in the world.

(10681) Khture = 1979 TH₂

Discovered 1979 Oct. 14 by N. S. Chernykh at the Crimean Astrophysical Observatory.

The Kharkiv Technical University of Radioelectronics, founded in 1930, is a recognized school of specialists in radioelectronics, computer science, telecommunication, metrology and biotechnical and medical systems. Khture is also known for its time service and for radioastronomical research on meteors.

(10763) Hlawka = 1990 TH_{1,3}

Discovered 1990 Oct. 12 by L. D. Schmadel and F. Börngen at Tautenburg.

Edmund Hlawka (b. 1916) is the most famous living Austrian mathematician and a prominent university teacher in Vienna. He contributed important theorems to the geometry of numbers, to the theory of uniform distribution, and to numerical integration. The citation was prepared by H. Haupt.

(10782) Hittmair = 1991 RH₄

Discovered 1991 Sept. 12 by L. D. Schmadel and F. Börngen at Tautenburg.

Otto Hittmair (b. 1924) is a well-known Austrian theoretical physicist. He was president of the Austrian Academy of Sciences in Vienna. His main contributions were on problems of quantum theory, superconductivity and general field theory. The name was suggested by L. D. Schmadel, and the citation was prepared by H. Haupt.

(10787) Ottoburkard = 1991 TL₃

Discovered 1991 Oct. 4 by L. D. Schmadel and F. Börngen at Tautenburg.

Otto M. Burkard (b. 1908), professor emeritus of meteorology and geophysics of the University of Graz, was one of the founders of the Space Research Institute of the Austrian Academy of Sciences. The name was suggested by L. D. Schmadel, and the citation was prepared by H. Haupt.

(10807) Uggarde = 1993 FT₄

Discovered 1993 Mar. 17 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

With a diameter of 50 meters, Uggarde Rohr is the largest of the 1400 cairns on Gotland that were constructed between 2000 and 400 B.C.

(10808) Digerrojr = 1993 FT₅

Discovered 1993 Mar. 17 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

Digerrojr is a large cairn on Gotland.

(10809) Majsterrojr = 1993 FS₁₄

Discovered 1993 Mar. 17 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

Majsterrojr, a large cairn on Gotland, is surrounded by several smaller graves from the Bronze Age.

(10810) Lejsturojr = 1993 FL₁₅

Discovered 1993 Mar. 17 at the European Southern Observatory in the course of the Uppsala-ESO Survey of Asteroids and Comets.

Lejsturojr is a large cairn on southern Gotland.

(10921) Romanozen = 1998 BC₂

Discovered 1998 Jan. 17 at Madonna di Dossobuono.

Romano Zen (b. 1946) is famous in Italy and abroad for his high-quality optical instruments. He works in a laboratory in Venice and has made some thousands of optical instruments for amateur and professional astronomers.

(10930) Jinyong = 1998 CR₂

Discovered 1998 Feb. 6 by the Beijing Schmidt CCD Asteroid Program at Xinglong.

Jinyong is a pen-name of Louis Cha (b. 1924), author of 15 chivalrous romances in Chinese and the most widely read novelist in Chinese communities in the world. His novels have sold over 300 million copies in various languages. He has won many international honors and is an honorary professor at five universities.

(11105) Puchnarová = 1995 UR₂

Discovered 1995 Oct. 24 by J. Tichá at Kleť.

Dana Puchnarová (b. 1938) is a Czech painter and graphic artist. Her abstract art comes from natural and cosmic structures. An important part of her work is teaching, and the discoverer, as a young girl, was one of her pupils.

(11322) Aquamarine = 1995 QT

Discovered 1995 Aug. 23 by H. Abe at Yatsuka.

Aquamarine is the name of a Japanese duo group, Sachiko (b. 1975) and Mimas (b. 1971). They sing of stars and the universe. Their *COSMOS* is the main theme song of the “Star Week” event, produced by the National Astronomical Observatory of Japan.

(11339) Orlík = 1996 VM₅

Discovered 1996 Nov. 13 by M. Tichý and Z. Moravec at Kleť.

The Gothic castle of Orlík was built on a peninsula in the Vltava river in the thirteenth century and rebuilt in neo-Gothic style during the nineteenth century by the Schwarzenberg family. During the second half of the twentieth century it was surrounded by a dam.

(11614) Istropolitana = 1996 AD₂

Discovered 1996 Jan. 14 by A. Galád and A. Pravda at Modra.

Academia Istropolitana (“city on the Danube”) was the first university in today’s Slovak territory and an ancient predecessor of Comenius University. The academy was founded by the Hungarian king Matej Korvín (Mathias Corvin) in Bratislava in 1465. The name was suggested by F. Devínsky, Comenius University rector.

(11657) Antonhajduk = 1997 EN₇

Discovered 1997 Mar. 5 by A. Galád and A. Pravda at Modra.

Anton Hajduk (b. 1933) is a professor of astronomy at the Slovak Academy of Sciences. His research centers on the structure of meteor streams and radio studies of meteor head echoes and the secondary ozone layer.

(11887) Echemmon = 1990 TV₁₂

Discovered 1990 Oct. 14 by F. Börngen and L. D. Schmadel at Tautenburg.

The hero Echemmon, son of the king of Troy Priamos, was killed together with his brother Chromios by Diomedes, king of Argos. The name was suggested by the first discoverer.

(12051) Pícha = 1997 JO

Discovered 1997 May 2 by L. Šarounová at Ondřejov.

Jaroslav Pícha (1921–1998) was a Czech meteorologist and amateur astronomer. The observatory he built in Hradec Králové for the systematic monitoring of solar radiation and the ozone layer became one of the most respected in the world. The name was suggested by M. Lehký.

(12057) Alfredsturm = 1998 DK₁

Discovered 1998 Feb. 18 at the Starkenburg Observatory, Heppenheim.

German amateur astronomer Alfred Sturm (b. 1924) was one of the founders and has been president of the Starkenburg Observatory since its beginnings in 1970. Sturm is heavily involved in astronomical public education.

(12368) Mutsaers = 1994 CM₁₁

Discovered 1994 Feb. 7 by E. W. Elst at the European Southern Observatory.

Utrecht-born Charlotte Mutsaers (b. 1942) is a painter, woodcutter and writer. Her highly acclaimed novel *Rachels Rokje* (“Rachel’s Skirt”) was published in 1994. Her grandfather, a banker at Kapellen (Antwerp), was well known for his philanthropy. The name was suggested by J. Geerts.

(12704) Tupolev = 1990 SL₂₈

Discovered 1990 Sept. 24 by L. V. Zhuravleva and G. R. Kastel’ at the Crimean Astrophysical Observatory.

Andrej Nikolaevich Tupolev (1888–1972) is known worldwide as an airplane designer. More than 100 types of airplanes were created under his guidance, including the first passenger jet aircraft Tu-104. Among the many notable accomplishments of his airplanes was the flight from Moscow over the North Pole to the U.S.A. in 1937.

(12722) Petrarca = 1991 PT₁

Discovered 1991 Aug. 10 by E. W. Elst at the European Southern Observatory.

Francesco Petrarca (1304–1374) was an Italian poet famous for his *Sonnets* (1327–1374), which were dedicated to his muse, Laura. He was born in Arezzo and died in the Euganean Hills. Petrarca may be regarded as one of the greatest scholars of his age. His critical spirit made him the founder of Renaissance humanism.

(13070) Seanconnery = 1991 RO₂

Discovered 1991 Sept. 8 by E. W. Elst at Haute Provence.

Sean Connery (b. 1930) is a famous Scottish actor, well known from his James Bond films. With this minor planet he is especially honored for the magnificent performance of his role in *The Name of the Rose*.

(13181) Peneleos = 1996 RS₂₈

Discovered 1996 Sept. 11 at the European Southern Observatory during the Uppsala-DLR Trojan Survey.

Peneleos, leader of Boeotia, killed by Eurypylos, is said to have been one of those inside the wooden horse.

(13212) Jayleno = 1997 JL₁₃

Discovered 1997 May 3 by E. W. Elst at the European Southern Observatory.

Jay Leno (b. 1950) is an American television personality. He has the genius also to make his shows pleasant for the European public.

(13226) Soulié = 1997 SH

Discovered 1997 Sept. 20 by L. Šarounová at Ondřejov.

Guy Soulié (b. 1920) made photometric observations of the zodiacal light, measured positions of comets, planets and their satellites and wrote astrometric reduction programs. A member of the Hipparcos Input Catalog team, he also discovered double stars and minor planets. The name was suggested by J. Montagné.

(13405) Dorisbillings = 1999 ST₁

Discovered 1999 Sept. 21 by G. W. Billings at Calgary.

Doris Billings, née Dora Kawchuk (b. 1925), is the mother of the discoverer. Some of his earliest memories are of her fascination with space.

(13425) Waynebrown = 1999 VG₂₄

Discovered 1999 Nov. 15 by C. W. Juels at Fountain Hills.

Since 1993 Wayne Brown (b. 1957) has developed and makes widely available CCD imaging systems for the astronomical and biomedical communities. He has also designed and built CCD cameras used for imaging from space.

(13815) Furuya = 1998 YF₇

Discovered 1998 Dec. 22 by A. Asami at Hadano.

Kazuko Furuya (b. 1954) has devoted herself to kindergarten education since 1975. At present she is making efforts to give great dreams and hope to children with a creative teaching method, in the position of vice principal at Hadano Municipal Honcho kindergarten in Kanagawa prefecture.

(13830) ARLT = 1999 XM₇

Discovered 1999 Dec. 4 by C. W. Juels at Fountain Hills.

The ARLT (Automatic Radio-Linked Telescope), a 0.44-m *f*/4.5 Newtonian located 40 km from Silver City, New Mexico, was one of the first remotely controlled automated CCD imaging facilities. Some 20 000 images obtained during 1991–1997 contributed to 22 publications or formal presentations.

(13859) Fredtreasure = 1999 XQ₁₃₆

Discovered 1999 Dec. 13 by C. W. Juels at Fountain Hills.

Fred Treasure (b. 1943) designed and built the wireless network and codeveloped the control system for the ARLT (Automatic Radio-Linked Telescope), one of the first completely automated remotely controlled CCD imaging facilities.

(13860) Neely = 1999 XH₁₄₃

Discovered 1999 Dec. 15 by C. W. Juels at Fountain Hills.

A. W. Neely (b. 1951) codesigned, constructed and operated one of the first completely automated remotely controlled CCD imaging facilities, the ARLT (Automatic Radio-Linked Telescope), which collected 20 000 CCD images during 1991–1997.

(14190) Soldán = 1998 XS₁₅

Discovered 1998 Dec. 15 by M. Tichý and Z. Moravec at Kleť.

Jan Soldán (b. 1957) is a Czech astronomer, designer and developer of control software and programs for space and ground-based experiments, including CCD cameras, robotic telescopes and real-time image processing. Since 1996 he has taken part in the INTEGRAL satellite project.

(14206) Sehnal = 1999 CL₁₀

Discovered 1999 Feb. 15 by M. Tichý and Z. Moravec at Kleť.

Ladislav Sehnal (b. 1931) is known for his work on the effects of solar radiation and atmospheric drag on the motions of artificial satellites and the theory of space accelerometric measurements. He served as director of the Astronomical Institute of the Czech Academy of Sciences during 1990–1996.

(14223) Dolby = 1999 XW₁

Discovered 1999 Dec. 3 by C. W. Juels at Fountain Hills.

John Dolby (b. 1961) was a telescope operator at the University of New Mexico's Capilla Peak Observatory during 1988–1989. Since 1995 he has provided consultation and technical assistance to the astronomical and biomedical communities about CCD imaging systems.

(14466) Hodge = 1993 OY₂

Discovered 1993 July 25 by M. Hammergren at the Manastash Ridge Observatory of the University of Washington.

Paul W. Hodge (b. 1934) is a professor of astronomy at the University of Washington and, since 1984, editor of the *Astronomical Journal*. He has made seminal contributions to the study of star-forming regions in galaxies, the extragalactic distance scale and terrestrial impact craters. The citation was prepared by T. Smith.

(14535) Kazuyukihanda = 1997 RF

Discovered 1997 Sept. 1 by H. Abe at Yatsuka.

Kazuyuki Handa (b. 1926) is a member of the Sakuræ Tenmon Doukoku who popularizes astronomy in Shimane prefecture. He established “Chiisana Shizenkan” (The Small Nature Museum) at Sakuræ, where he spreads his message of learning through nature.

(14542) Karitskaya = 1997 SW₉

Discovered 1997 Sept. 29 by R. A. Tucker at Goodricke-Pigott Observatory.

Eugenia Alexeevna Karitskaya (b. 1947) is an astronomer at the Sternberg Astronomical Institute in Moscow and a specialist in the study of x-ray variable stars. Among many accomplishments, she contributed to the compilation of the *General Catalogue of Variable Stars*.

(14791) Atreus = 1973 SU

Discovered 1973 Sept. 19 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Atreus was the son of Pelops, father of Agamemnon and Menelaos and brother of Thyestes.

(14792) Thyestes = 1973 SG₁

Discovered 1973 Sept. 24 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Thyestes was the son of Pelops and brother of Atreus. Atreus killed the children of Thyestes and gave them to Thyestes to eat. Because of this Thyestes cursed the family of Atreus.

(15036) Giovannianselmi = 1998 WO₅

Discovered 1998 Nov. 18 at Madonna di Dossobuono.

Giovanni Anselmi is the founder and director of an Italian magazine on astronomy. In his leading article each month he extols astronomy as having a poetic soul, which motivates people to admire the heavens.

(15318) Innsbruck = 1993 KX₁

Discovered 1993 May 24 by C. S. Shoemaker at Palomar.

Innsbruck, capital of Tyrol in the heart of the Alps on the great route from Italy, has a history deeply connected with the Hapsburg dynasty. This city in western Austria lays claim to the 1936 Nobel prizewinner V. F. Hess and hosted two winter Olympic games. The name was suggested by P. Teutsch and R. Weinberger.

(15382) Vian = 1997 SN

Discovered 1997 Sept. 20 by L. Šarounová at Ondřejov.

Boris Vian (1920–1959), French writer (*L'écume des jours*, *L'arrache-coeur*), singer (*Le déserteur*) and jazz musician, also has an interest in astrophysics, electronics and ecology. He links the rules of writing fiction with an intense and imaginative word play. The name was suggested by J. Montanné.

(15385) Dallolmo = 1997 SP₄

Discovered 1997 Sept. 25 at Osservatorio San Vittore.

With degrees in both law and physics, Umberto Dall'Olmo (1925–1980) was an amateur astronomer who principally observed Jupiter and studied flare stars with Rosino. He was also interested in the history of astronomy and worked as a technician at the University of Bologna's Institute of Astronomy.

(15386) Nicolini = 1997 ST₄

Discovered 1997 Sept. 25 at Madonna di Dossobuono.

Martino Nicolini, a nuclear engineer, is very active in amateur astronomy. He measures positions of minor planets at the Cavezzo Observatory, near Modena, and has written software for processing CCD images.

(15388) Coelum = 1997 ST₁₇

Discovered 1997 Sept. 27 at Osservatorio San Vittore.

Coelum was one of the most renowned Italian astronomical magazines. Established in 1931 by Guido Horn d'Arturo, it was edited by the department of astronomy of the University of Bologna and had more than 4000 subscribers. The magazine ceased publications in 1986. The citation was prepared by F. Bonoli.

(15399) Hudec = 1997 VE

Discovered 1997 Nov. 2 by J. Tichá and M. Tichý at Kleť.

René Hudec (b.1951), an Ondřejov astronomer who works in high-energy astrophysics, especially on γ -ray bursts, has designed spacebased and groundbased experiments. He established the European Observation Network for GRB optical counterparts.

(15403) Merignac = 1997 VH₆

Discovered 1997 Nov. 9 by L. Šarounová at Ondřejov.

The city of Merignac in southwestern France has expanded in recent years because of several aeronautics and space industries. However, the city also has a pleasant living environment, preserving trees and vegetation. The name was suggested by J. Montanné.

(15651) Tlepolemos = 9612 P-L

Discovered 1960 Oct. 22 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Tlepolemos was king of Rhodos, son of Heracles and was one of the first kings to join the army against Troy.

(15837) Mariovalori = 1995 DG₁₃

Discovered 1995 Feb. 25 by M. Tombelli at Cima Ekar.

Mario Valori (1930–2000) was an amateur astronomer in the Montelupo Group.

(15860) Sirán = 1996 HO

Discovered 1996 Apr. 20 by A. Galád and D. Kalmančok at Modra.

Slovak geophysicist Gustáv Sirán (1934–2000) was a professor at Comenius University, Bratislava. From 1981 to 1989 he was head of the department of astronomy, geophysics and meteorology, and during this time the Astronomical and Geophysical Observatory in Modra was built.

(15898) Kharasterteam = 1997 QP

Discovered 1997 Aug. 26 by P. Pravec and L. Šarounová at Ondřejov.

The asteroid group at the Astronomical Observatory of Kharkiv National University has made important contributions to studies of the physical properties of minor planets. The group's photometric and polarimetric techniques, as well as its numerical and laboratory modeling, are known worldwide.

(15913) Telemachus = 1997 TZ₂₇

Discovered 1997 Oct. 1 at the European Southern Observatory during the Uppsala-DLR Trojan Survey.

Telemachus, son of Odysseus, was born just before the Trojan war started.

(15949) Rhaeticus = 1998 BQ

Discovered 1998 Jan. 17 by E. Meyer and E. Obermair at the Davidschlag Observatory, Linz.

Rhaeticus (Georg Joachim Lauchen, 1514–1574) was a humanist, physician, mathematician and astronomer at the universities of Vienna, Leipzig and Wittenberg. He summarized and popularized the work of his teacher Copernicus, initiating the first printing of *De Revolutionibus*.

(15950) Dallago = 1998 BA₂

Discovered 1998 Jan. 17 at Madonna di Dossobuono.

Vicenza amateur astronomer Giovanni Dal Lago (b.1964) writes a column for an Italian magazine on testing optical instruments and the use of CCD cameras.

(15955) Johannesgmunden = 1998 BS₁₃

Discovered 1998 Jan. 26 by E. Meyer at the Davidschlag Observatory, Linz.

Johannes von Gmunden (1380/1384–1442), a priest, humanist, mathematician and astronomer at the University of Vienna, brought the mathematical and astronomical knowledge of Arabia to Europe. Known for his precise ephemerides, he also published the first printed calendar in German.

(15960) Hluboká = 1998 CH

Discovered 1998 Feb. 2 by M. Tichý and Z. Moravec at Kletř.

Hluboká nad Vltavou is the most popular chateau in South Bohemia. The original thirteenth-century Gothic castle was rebuilt in Tudor style by the Schwarzenberg family during the nineteenth century. This typical English style gives the chateau almost an elfin appearance, which is accentuated by a vast park.

(16398) Hummel = 1982 SN₃

Discovered 1982 Sept. 24 by F. Börngen at Tautenburg.

Johann Nepomuk Hummel (1778–1837), famous Austrian pianist and versatile composer, Mozart's pupil and Beethoven's friend, made numerous concert tours. He was appointed conductor of the court orchestra in Weimar in 1819 and held this position until his death. His tomb is in the historical churchyard in Weimar.

(16418) Lortzing = 1987 SD₁₀

Discovered 1987 Sept. 29 by F. Börngen at Tautenburg.

Albert Lortzing (1801–1851), who was born and died in Berlin, was a singer, an actor and later a conductor in Leipzig, Vienna and Berlin. His romantic-comic operas (*Zar und Zimmermann*, *Der Wildschütz*, *Undine*, *Der Waffenschmied*) became very popular and are full of humor. He mainly wrote the libretti himself.

(16438) Knöfel = 1989 AU₆

Discovered 1989 Jan. 11 by F. Börngen at Tautenburg

German meteorologist André Knöfel (b. 1963) is the head of the Fireball Data Center of the International Meteor Organization and an observer of minor planets. He has located precovery observations of many objects in the Digital Sky Survey, among them this minor planet and the transneptunian object (20000) 2000 WR₁₀₆.

(16524) Hausmann = 1991 BB₃

Discovered 1991 Jan. 17 by F. Börngen at Tautenburg.

Manfred Hausmann (1898–1986), who was born in Kassel and died in Bremen, lived for many years in Worpswede and wrote lyrical poetry, stories and novels. Widely traveled, he studied distant cultures and translated their works. After 1945 he turned to christianity and became a preacher.

(16705) Reinhardt = 1995 EO₈

Discovered 1995 Mar. 4 by F. Börngen at Tautenburg.

Austrian stage director and theater manager Max Reinhardt (Max Goldmann, 1873–1943) worked mainly in Berlin and Vienna. He was a cofounder of the "Salzburger Festspiele". His productions of classic dramas caused an enormous stir. In 1933 he emigrated from Germany.

(16714) Arndt = 1995 SM_{5.4}

Discovered 1995 Sept. 21 by F. Börngen at Tautenburg.

German patriotic writer and poet Ernst Moritz Arndt (1769–1860), born on the island of Rügen, was a professor of history at the University of Greifswald (which now bears his name), as well as in Bonn. A passionate agitator and singer of the German Wars for Liberation, he stood up for a revival in Germany.

(16761) Hertz = 1996 TE₈

Discovered 1996 Oct. 3 by V. Goretti at Pianoro.

German physicist Heinrich Rudolf Hertz (1857–1894) substantially advanced knowledge of electricity. His experiments demonstrated the existence and examined the nature of electromagnetic waves, thereby opening the road to some of the most important achievements of modern technology.

(16766) Righi = 1996 UP

Discovered 1996 Oct. 18 by V. Goretti at Pianoro.

Italian experimental physicist Augusto Righi (1850–1921) continued Heinrich Hertz's research on electromagnetism and served as an inspiration to his student Marconi.

(16781) Renčín = 1996 XU₁₈

Discovered 1996 Dec. 12 by M. Tichý and Z. Moravec at Kletř.

Vladimír Renčín (b. 1941) is a Czech graphic artist, illustrator and cartoonist. He published several books of cartoons, where various features of the Czech character are illustrated.

(16783) Bychkov = 1996 XY₂₅

Discovered 1996 Dec. 14 by R. A. Tucker at Goodricke-Pigott Observatory.

Victor Dmitrievich Bychkov (b. 1952) is an astronomer at the Special Astrophysical Observatory, Zelenchukskaya. He is a specialist in the study of magnetic stars and an expert photopolarimetrist.

(16809) Galápagos = 1997 US

Discovered 1997 Oct. 21 at the Starkenburg Observatory, Heppenheim.

The Galápagos Islands are a world heritage site and provide a living history of evolution. Assisted by the Charles Darwin Research Station located there, scientists have made many discoveries. The station also helps to preserve this National Park with its famous animals, such as the giant tortoises and the Darwin finches.

(16861) Lipovetsky = 1997 YZ₁₁

Discovered 1997 Dec. 27 by R. A. Tucker at Goodricke-Pigott Observatory.

Valentin Alexandrovich Lipovetsky (1945–1996) was a senior researcher at the Special Astrophysical Observatory, Zelenchukskaya, and headed a group studying Blue Compact Galaxies. He was an expert on active galactic nuclei and participated in the production of the First Byurakan Survey.

(16912) Rhiannon = 1998 EP₈

Discovered 1998 Mar. 2 by ODAS at Caussols.

Rhiannon was a version of the celtic horse-goddess Epona and of sovereignty. She was mistress of the Singing Birds. Sometimes she appeared as a beautiful woman in dazzling gold on a white horse.

(16951) Carolus Quartus = 1998 KJ

Discovered 1998 May 19 by P. Pravec at Ondřejov.

Karel IV (1316–1378), king of Bohemia and Holy Roman Emperor, supported cultural and scientific advancement. Charles University, which he founded in Prague, was the first university in central Europe. During his 30-year reign the Czech lands did not experience the hardship of wars. The name was suggested by M. Juřík.

(16969) Helamuda = 1998 UM₂₀

Discovered 1998 Oct. 29 at the Starkenburg Observatory, Heppenheim.

Helamuda is an acronym for Hessisches Landesmuseum Darmstadt, the museum of the federal state of Hessen. This unique institution features exquisite collections in both fine arts and natural sciences and conducts paleontological excavations at the nearby Messel site.

(17314) Aisakos = 1024 T-1

Discovered 1971 Mar. 25 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Aisakos, a son of Priam from his first marriage, was a seer, as had also been his maternal grandfather, Merops. Aisakos said that Hecuba's future son would bring disaster to Troy.

(17351) Pheidippos = 1973 SV

Discovered 1973 Sept. 19 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Pheidippos was a hero from Nisyros, in the Kalydnian islands. Son of king Thessalos, brother of Antiphos and grandson of Heracles, he fought against Telephos, king of Mysia.

(17412) Kroll = 1988 KV

Discovered 1988 May 24 by W. Landgraf at the European Southern Observatory.

Reinhold Kroll, of the Instituto de Astrofisica de Canarias, is known for his research on magnetic, chemically peculiar stars, particularly infrared observations of them. He was a fellow student of the discoverer at the University of Göttingen.

(17459) Andreashofer = 1990 TJ₈

Discovered 1990 Oct. 13 by F. Börngen and L. D. Schmadel at Tautenburg.

Innkeeper Andreas Hofer (1767–1810) headed the Tyrolese popular rising against French occupation and was executed by a firing squad on order of Napoleon. His patriotic and heroic engagement is the subject of numerous dramatic plays, stories and poems, notably by Rosegger, Eichendorff and Koerner.

(17484) Ganghofer = 1991 RY₄

Discovered 1991 Sept. 13 by F. Börngen and L. D. Schmadel at Tautenburg.

German author Ludwig Ganghofer (1855–1920), son of a forester, studied philosophy, was a dramatic advisor and editor, first in Vienna and later in Bavaria. He wrote numerous popular romantic dramas, short stories and novels, mainly with climbing or hunting themes. Some of these were made into movies.

(17486) Hodler = 1991 RB₄₁

Discovered 1991 Sept. 10 by F. Börngen at Tautenburg.

Ferdinand Hodler (1853–1918) founded modern Swiss painting with his use of allegorical themes, historical events, sights of the Alps, lakes and portraits. His monumental 1907–1908 mural *Marching out of the Jenense students in the war of liberation in 1813* adorns the aula of Jena University.

(17489) Trenker = 1991 TS₆

Discovered 1991 Oct. 2 by F. Börngen and L. D. Schmadel at Tautenburg.

Luis Trenker (1892–1990), initially a herdsman, mountain guide and ski instructor in his South Tyrolese alpine homeland, later had great success as a scriptwriter, film director, screen actor and author. During 1928–1940 he lived in Berlin. His novels, which described and praised his native country, later became very popular.

(17492) Hippasos = 1991 XG₁

Discovered 1991 Dec. 10 by F. Börngen at Tautenburg.

Hippasos was one of Priam's many sons. He supported Aeneas in the Trojan war.

(17611) Jožkakubík = 1995 UP₂

Discovered 1995 Oct. 24 at Kleť.

Jožka Kubík III (1907–1978) was a gypsy musician and first violinist of a folk band. He inspired many musicians in Moravia and contributed to the development of traditional music in the Slovácko region there by merging Moravian folk music with gypsy themes.

(17683) Kanagawa = 1997 AR₁₆

Discovered 1997 Jan. 10 by A. Asami at Hadano.

Kanagawa is the prefecture in which Hadano is situated. In the east the active industries in Yokohama and Kawasaki have vitalized the Japanese economy. The west and north are blessed with beautiful natural scenery. In Yokohama is Kanagawa University, from which the discoverer graduated.

(17694) Jiránek = 1997 ET₁

Discovered 1997 Mar. 4 by M. Tichý and Z. Moravec at Kleť.

Vladimír Jiránek (b. 1938) is a Czech graphic artist, illustrator and cartoonist. His newspaper and journal cartoons comment on the situation in the modern Czech Republic. Two rabbits named Bob and Bobek belong to the most popular characters of his animated cartoons.

(17702) Kryštofharant = 1997 JD

Discovered 1997 May 1 by P. Pravec at Ondřejov.

Kryštof Harant z Polžic a Bezdržic (1564–1621), a man of wide interests, wrote poetry and a travelogue that he also illustrated and was renowned for his musical compositions. During 1600–1612 he was a valet and counsel of Rudolph II. He took part in the struggle against the Hapsburg king and was executed.

(17712) Fatherwilliam = 1997 WK₇

Discovered 1997 Nov. 19 by Y. Shimizu and T. Urata at the Nachi-Katsuura Observatory.

In Lewis Carroll's *Alice's Adventures in Wonderland*, Father William is a character in a poem that a Caterpillar tells Alice to repeat. He is rather old and in the end gets quite annoyed with a youth who, it emerges later in the poem, is his son, and who asks him one question after another.

(17746) Haigha = 1998 BU₄₁

Discovered 1998 Jan. 30 by T. Kagawa and T. Urata at the Gekko Observatory.

Haigha, pronounced to rhyme with "mayor", is an Anglo-Saxon messenger of the king in Lewis Carroll's *Through the Looking Glass and what Alice found there*. He lives on the Hill. The name was suggested by T. Urata.

(17759) Hatta = 1998 DA₂₄

Discovered 1998 Feb. 17 by Y. Shimizu and T. Urata at the Nachi-Katsuura Observatory.

Hatta is one of the king's two messengers, one to fetch and one to carry, in Lewis Carroll's *Through the Looking Glass and what Alice found there*. He is seen bounding away "like a grasshopper".

(17768) Tigerlily = 1998 EO₈

Discovered 1998 Mar. 3 by T. Urata at the Nihondaira Observatory.

In Lewis Carroll's *Through the Looking Glass and what Alice found there*, Alice comes upon a large flower-bed with a border of daisies and a willow-tree growing in the middle. The Tiger-lily tells Alice that all the flowers can talk as well as Alice—and a great deal louder.

(17805) Švestka = 1998 FV₇₂

Discovered 1998 Mar. 30 by M. Tichý and Z. Moravec at Kleť.

Zdeněk Švestka (b. 1925), a Czech-born astronomer and solar physicist, worked at the Space Research Organization in the Netherlands and at the Center for Astrophysics and Space Sciences at the University of California in San Diego. Since 1966 he has been editor of *Solar Physics*.

(17855) Geffert = 1998 KK

Discovered 1998 May 19 at the Starkenburg Observatory, Heppenheim.

The German amateur astronomer Martin Geffert (b. 1922) has been very dedicated to the Starkenburg Observatory, being one of the founders and treasurer of the observatory since its beginnings in 1970. He is also an excellent performer on the mandolin.

(17917) Cartan = 1999 GN₅

Discovered 1999 Apr. 15 by P. G. Comba at Prescott.

Élie Cartan (1869–1951), the son of a blacksmith, became a very influential French mathematician. His major contribution is the development of the theory of exterior differential forms, which he applied to the study of Lie groups, differential geometry and systems of differential equations.

(17941) Horbatt = 1999 JW₂

Discovered 1999 May 6 by R. A. Tucker at the Goodricke-Pigott Observatory.

A skilled mechanical craftsman, Paul Allen Horbatt (b. 1946) has contributed greatly to the development of the instrumentation at Goodricke-Pigott Observatory, near Tucson, where this minor planet was discovered. His familiarity with detector enclosures and vacuum seals greatly speeded the fabrication of the instruments.

(17942) Whiterabbit = 1999 JG₆

Discovered 1999 May 11 by Y. Shimizu and T. Urata at the Nachi-Katsuura Observatory.

The White Rabbit appears in Lewis Carroll's *Alice's Adventures in Wonderland*. When Alice hears the Rabbit (who, of course, has pink eyes) talking to itself, she follows it down a huge rabbit-hole under a hedge, and her adventures begin. The name was suggested by T. Urata, and the citation was prepared by R. E. Asher.

(18055) Fernhildebrandt = 1999 TJ₁₃

Discovered 1999 Oct. 11 by G. Hug and G. Bell at Farpoint Observatory.

Fern C. Hildebrandt (b. 1927) instilled and cultivated an interest in astronomy in codiscoverer Gary Hug at a very early age. Resident now in Topeka, Kansas, she has been an example of dedication and triumph through difficult times and has inspired this codiscoverer to search the night sky.

(18059) Cavalieri = 1999 XL₁₃₇

Discovered 1999 Dec. 15 by P. G. Comba at Prescott.

Bonaventura Cavalieri (1598–1647) was a friar and a professor at the University of Bologna. He developed the method of indivisibles, which enabled him to find integrals of polynomials and centers of gravity of many curvilinear figures. His work ultimately influenced Leibniz' discovery of the calculus.

(18228) Hyperenor = 3163 T-1

Discovered 1971 Mar. 26 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Hyperenor was one of the sons of Panthoos and a great hero on the Trojan side.

(18268) Dardanos = 2140 T-3

Discovered 1977 Oct. 16 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Dardanos was a son of Zeus and a nymph, mythical ancestor of the Trojans.

(18278) Drymas = 4035 T-3

Discovered 1977 Oct. 16 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Drymas was a king of Phrygia and father of Priam's second wife Hekabe (in Latin, Hecuba).

(18281) Tros = 4317 T-3

Discovered 1977 Oct. 16 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Tros was a grandson of Dardanos. His country was named Troas after him, and its principal city was Troy.

(18282) Ilos = 4369 T-3

Discovered 1977 Oct. 16 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Ilos was the oldest son of Tros, and he built the citadel Ilion, also named Ilios. Ilos was the father of Laomedon and the grandfather of Priam.

(18398) Bregenz = 1992 SQ₂₃

Discovered 1992 Sept. 23 by F. Börngen at Tautenburg.

Bregenz, capital of the Austrian province of Vorarlberg, is situated on the east shore of the Lake Constance and is known for the festivals on its famous seaside stage. The region was already settled in the Bronze Age. Later, the Romans established the mercantile town of Brigantium, and there was also an Alemannian colony.

(18460) Pecková = 1995 PG

Discovered 1995 Aug. 5 by L. Šarounová at Ondřejov.

Dagmar Pecková (b. 1961) is an outstanding Czech mezzo-soprano. In addition to her successful operatic career, which includes prominent roles in the works of Mozart and Rossini, she is renowned for concert performances, especially of the songs by Mahler. Her interpretation is characterized by exceptional emotional charge.

(18498) Cesaro = 1996 MN

Discovered 1996 June 22 by P. G. Comba at Prescott.

Ernesto Cesaro (1859–1906) was a prolific mathematician and professor at the universities of Palermo and Naples. He made contributions to the intrinsic geometry of curves but is best remembered for his study of the summability of divergent series.

(18510) Chasles = 1996 SN

Discovered 1996 Sept. 16 by P. G. Comba at Prescott.

Michel Chasles (1793–1880) was professor at the École Polytechnique and later at the Sorbonne. His main contributions were in projective geometry, which he developed with a synthetic approach.

(18548) Christoffel = 1997 AN₁₂

Discovered 1997 Jan. 10 by P. G. Comba at Prescott.

Elwin Bruno Christoffel (1829–1900) was a professor at various German universities. His work on quadratic differential forms, inspired by Riemann, anticipated some of the results of tensor theory later developed by Ricci and Levi-Civita.

(18555) Courant = 1997 CN₄

Discovered 1997 Feb. 4 by P. G. Comba at Prescott.

Richard Courant (1888–1972) studied and later taught at Göttingen. In 1934 he became a professor at New York University, where he founded and led one of the most prestigious institutes of applied mathematics, later named in his honor.

(18560) Coxeter = 1997 EO₇

Discovered 1997 Mar. 7 by P. G. Comba at Prescott.

Harold Scott MacDonald Coxeter (b. 1907) is an English-Canadian mathematician and former professor at the University of Toronto. He has been a prolific writer on intuitively simple geometric problems, such as the classification of polytopes and the tiling of the plane with convex polygons.

(18617) Puntel = 1998 DY₉

Discovered 1998 Feb. 24 by M. Boeuf at Les Tardieux.

Nathalie Puntel (b. 1968) is a young, pretty and cheerful French woman who prefers deep-sky pictures to searches for minor planets.

(18734) Darboux = 1998 MY₁

Discovered 1998 June 20 by P. G. Comba at Prescott.

Jean-Gaston Darboux (1842–1917) was a French mathematician and professor at the Sorbonne, whose main interest was the application of analysis to geometric problems in the theory of surfaces and their deformations and representations.

(18903) Matsuura = 2000 ND₂₉

Discovered 2000 July 10 by K. Watanabe at Sapporo.

The geographer and explorer Takeshirou Matsuura (1818–1888) traveled throughout the Ezo under the order of the Edo-shogunate. He showed understanding to and sympathy with the native Ainus. He renamed Ezo as Hokkaido and introduced names for many places on the island.

(19022) Penzel = 2000 SR₄₄

Discovered 2000 Sept. 26 by G. Lehmann at Volkssternwarte Drebach.

Edgar Penzel (b. 1921) founded the school observatory in Rodewisch Saxony, and directed it from 1950 to 1986. In 1957, the astronomers on the observatory's staff were the first in Central Europe to watch the artificial Satellite Sputnik 1. The observatory was named for the first German astronaut, Sigmund Jähn, in 1979.

(19126) Ottohahn = 1987 QW

Discovered 1987 Aug. 22 by F. Börngen at Tautenburg.

Otto Hahn (1879–1968), chemistry Nobel Laureate in 1944, participated in the discovery of numerous radioactive elements and isotopes, as well as of the nuclear fission of uranium by neutron bombardment in 1938. As president of the Max-Planck-Gesellschaft during 1948–1960 he warned of the dangers of atomic energy.

(19136) Strassmann = 1989 AZ₆

Discovered 1989 Jan. 10 by F. Börngen at Tautenburg.

Friedrich Wilhelm Strassmann (1902–1980), a collaborator at the Kaiser-Wilhelm-Institut in Berlin and professor at the University of Mainz since 1946, worked on artificial radio-nucleides and methods for geological age determinations. With Otto Hahn and Lise Meitner, he received the Enrico Fermi prize in 1966.

(19263) Lavater = 1995 OH₁₀

Discovered 1995 July 21 by F. Börngen at Tautenburg.

Swiss writer, clergyman and religious philosopher Johann Kaspar Lavater (1741–1801), friendly with Herder and Goethe, influenced the intellectual, religious and political life of his time.

(19293) Dedekind = 1996 OF

Discovered 1996 July 18 by P. G. Comba at Prescott.

Richard Dedekind (1831–1916), a German mathematician and also an accomplished pianist and cellist, is best remembered for his rigorous definition of the real numbers in terms of the rational numbers, which hinges on the concept of the “Dedekind cut”.

(19349) Denjoy = 1997 CF₂₂

Discovered 1997 Feb. 13 by P. G. Comba at Prescott.

Arnaud Denjoy (1884–1974) was one of a group of French mathematicians (including Baire, Borel and Lebesgue) who in the early twentieth century initiated a new approach to the theory of functions of real variables, measure theory and integration.

(19462) Ulissedini = 1998 HE₂₀

Discovered 1998 Apr. 27 by P. G. Comba at Prescott.

Ulisse Dini (1845–1918) was a professor at the University of Pisa. His mathematical work centered at first on the study of mappings of surfaces. Later he worked on problems in complex analysis and integral equations.

(19528) Delloro = 1999 GB₁

Discovered 1999 Apr. 4 by G. D’Abramo and A. Boattini at San Marcello Pistoiese.

Aldo Dell’Oro (b. 1971), recently awarded his doctorate by the University of Florence, works on the physics and the evolution of main-belt minor planets. He has developed new methods for the statistical analysis of collisions and for reconstructing conditions for the formation of Hirayama families.

(19539) Anaverdu = 1999 JO₁₄

Discovered 1999 May 14 by J. Nomen at the Ametlla de Mar Observatory.

Barcelona-born Ana Verdu, wife of the discoverer, is being honored on the occasion of her 38th birthday, 2001 March 8.

(19570) Jessedouglas = 1999 LH₆

Discovered 1999 June 13 by P. G. Comba at Prescott.

Jesse Douglas (1897–1965) was an American mathematician who first gave a general solution to the problem of Plateau: to prove the existence of a surface of least area bounded by a given contour. The problem had been worked on by many outstanding mathematician, including Riemann and Weierstrass.

(19617) Duhamel = 1999 PH₁

Discovered 1999 Aug. 8 by P. G. Comba at Prescott.

Jean-Maria-Constant Duhamel (1797–1872) was a French applied mathematician who introduced a method to study the propagation of heat in solids with variable boundary temperatures. A generalization of this method is referred to as the Duhamel principle.

(19619) Bethbell = 1999 QA

Discovered 1999 Aug. 16 by G. Bell at Farpoint Obsevatory.

Beth Bell (b. 1973), the discoverer’s daughter, shares an interest in astronomy and has been instrumental in reactivating her father’s astronomical hobby.

(19620) Auckland = 1999 QG

Discovered 1999 Aug. 18 at Auckland.

The largest city in New Zealand, Auckland is renowned for its beautiful harbors and its volcanic cones.

(19630) Janebell = 1999 RT₃₃

Discovered 1999 Sept. 2 by G. Bell at Farpoint Observatory.

Jane Bell (b. 1945), wife of the discoverer, has encouraged his astronomical interests and been very understanding of his nights away from home.

(19704) Medlock = 1999 TU₈

Discovered 1999 Oct. 7 by S. Brady at Hudson.

Kevin Medlock (b. 1954) is a Californian award-winning telescope and instrument maker known for large aperture, research-grade telescopes. He constructed the 0.75-m reflector for the public program at Fremont Peak and helped restore the 0.5-m Brashear refractor at the Chabot Space and Science Center.

(19718) Albertjarvis = 1999 VF₂

Discovered 1999 Nov. 5 by D. S. Dixon at the Jornada Observatory.

Albert G. Jarvis (1911–1996) invented fasteners for industry and the machines to produce them. In addition to being an inventor he was also a good friend and neighbor, always ready to help repair a neighbor's home or farm machinery, or help a teenager build a science project or rebuild his or her first automobile.

(19848) Yeungchuchiu = 2000 TR

Discovered 2000 Oct. 2 by W. K. Yeung at Desert Beaver Observatory.

At absolute magnitude 11.7, this largest minor planet found by the discoverer—just 1°2 west of Jupiter—is named in honor of his father, Chu Chiu Yeung (b. 1925), for his unconditional support.

(19857) Amandajane = 2000 UC₁₁

Discovered 2000 Oct. 19 by L. Robinson at Sunflower Observatory.

Amanda Jennifer Jane Robinson is a student of psychology at the University of Kansas and an empathetic caregiver to those in need of emotional support. She is the daughter of the discoverer.

(19913) Aigyptios = 1973 SU₁

Discovered 1973 Sept. 19 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Aigyptios was the father of Antiphos, who was a hero in Troy and companion of Odysseus.

(19970) Johannpeter = 1988 RJ₃

Discovered 1988 Sept. 8 by F. Börngen at Tautenburg.

Johann Peter Hebel (1760–1826), Heidelberg theologian and author of *Alemannischen Gedichte* (1803), collected his best-known stories in *Schatzkästlein des rheinischen Hausfreundes* (1811). His linguistic skills, humor, simplicity and emotionality established his popularity.

(19992) Schönbein = 1990 TS₉

Discovered 1990 Oct. 10 by F. Börngen and L. D. Schmadel at Tautenburg.

German chemist Christian Friedrich Schönbein (1799–1868) was a professor in Basle from 1828. Best known for his discovery of ozone in 1839, he also invented nitrocellulose and collodion wool. He is considered a cofounder of geochemistry.

(20000) Varuna = 2000 WR₁₀₆

Discovered 2000 Nov. 28 by Spacewatch at Kitt Peak.

Varuna is one of the oldest of the vedic deities, the maker and upholder of heaven and earth. As such he is king of gods and men and the universe, and he has unlimited knowledge. The name was suggested by M. Sarabhai.

(20106) Morton = 1995 QG

Discovered 1995 Aug. 20 by D. D. Balam at the National Research Council of Canada.

Donald C. Morton (b. 1933), was director of the Anglo-Australian Observatory during 1976–1986 and of the Herzberg Institute of Astrophysics in Ottawa during 1986–2000. With a rocket he made the first ultraviolet spectral observations of stars. He played a leading role in the development of the Gemini Observatory.

(20135) Juels = 1996 JC

Discovered 1996 May 7 by P. G. Comba at Prescott.

Charles W. Juels (b. 1944) of Fountain Hills, Arizona, is a public health physician/psychiatrist and an amateur astronomer who discovered and demonstrated that hunting minor planets can be an addictive activity. In only a year and a half he has been credited with the discovery of 65 numbered objects.

(20136) Eisenhart = 1996 NA

Discovered 1996 July 8 by P. G. Comba at Prescott.

Luther Pfahler Eisenhart (1876–1965) was a prolific American mathematician and professor at Princeton who made important contributions in Riemannian and non-Riemannian geometry.

(20140) Costitx = 1996 QT₁

Discovered 1996 Aug. 23 by M. Blasco at Observatorio Astronómico de Mallorca.

The village of Costitx is the geographical zero point of the island of Majorca, a place of great archeological importance and home of the Astronomical Observatory of Majorca, where the minor planet was discovered.

(20174) Eisenstein = 1996 XD₂₀

Discovered 1996 Dec. 13 by P. G. Comba at Prescott.

Ferdinand Gotthold Max Eisenstein (1823–1852) was a brilliant German mathematician who published research on elliptic functions, cyclotomy, quadratic and biquadratic residues, as well as on cubic and biquadratic reciprocity laws.

(20433) Prestinzenza = 1999 CL₁₂

Discovered 1999 Feb. 14 by G. Masi at Ceccano.

Luigi Prestinzenza (b. 1929) is a very active, appreciated and popular Italian amateur astronomer. A journalist by profession, he did impressive work to keep fresh the memory of important observers of the past like Cerulli, Schiaparelli and Maggini. He is president of the “G. Ruggeri” astronomical group in Catania, Sicily.

(20488) Pic-du-Midi = 1999 OL

Discovered 1999 July 17 at Pises.

The Pic-du-Midi Observatory was founded in the Pyrénées in the south of France in 1881. At an elevation of 2870 meters, the observatory pioneered observations of the solar corona and cosmic rays, as well as high-resolution techniques. The observatory is still in operation, with telescopes of aperture 2, 1 and 0.5 meter.

(20512) Rothenberg = 1999 RW₃₂

Discovered 1999 Sept. 10 by A. Knöfel at Drebach.

Ekkehard Rothenberg (b. 1938) is technical director of the Archenhold Observatory in Berlin-Treptow and in the past leader of a youth study group there. Many of the group's former members (including the discoverer) are today active amateur and professional astronomers and owe him for a considerable share of their knowledge.

(20513) Lazio = 1999 RC₃₄

Discovered 1999 Sept. 10 by F. Mallia and G. Masi at Campo Catino Astronomical Observatory.

Lazio is the Italian region containing Rome, the everlasting city. The Regione Lazio allowed the creation of Campo Catino Astronomical Observatory, where this minor planet was discovered. It was the first region in Italy that has approved a law against light pollution.

(20517) Judycrystal = 1999 RB₃₅

Discovered 1999 Sept. 11 by L. Robinson at Sunflower Observatory.

Judy Crystal (Andrews) Robinson (b.1949) is the wife of the discoverer.

(20518) Rendtel = 1999 RC₃₆

Discovered 1999 Sept. 12 by A. Knöfel at Drebach.

Jürgen Rendtel (b.1954) is a solar physicist to the Astrophysical Institute in Potsdam and a keen amateur astronomer who has organized a study group for meteor observers in Germany (Arbeitskreis Meteore) in 1975. He has also been president of the International Meteor Organization since its foundation in 1988.

(20522) Yogeshwar = 1999 RK₄₀

Discovered 1999 Sept. 13 by A. Knöfel at Drebach.

Ranga Yogeshwar (b.1959), a physicist and scientific journalist, works as editor and presenter of excellent German public science television programs. His work is a most valuable contribution to the scientific education of the television audience.

(20760) Chanmatchun = 2000 DR₈

Discovered 2000 Feb. 27 by W. K. Y. Yeung at Rock Finder Observatory.

Mat Chun Chan (b.1934) is the discoverer's mother, and this minor planet is named for her unconditional love.

(20947) Polyneikes = 2638 T-2

Discovered 1973 Sept. 29 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Polyneikes was the father of Thersander, son of Oedipus and friend of Diomedes' father Tydeus. Polyneikes is a main character in *The Seven against Thebes*. He fought against his own brother.

(20952) Tydeus = 5151 T-2

Discovered 1973 Sept. 25 by C. J. van Houten and I. van Houten-Groeneveld on Palomar Schmidt plates taken by T. Gehrels.

Tydeus was an immortal hero, one of *The Seven against Thebes*. His son Diomedes was a great hero at Troy.

EPHEMERIDES

C/2000 O1 (Koehn)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 03 02		22 55.01	+23 33.6	7.380	6.549	30.8	4.4	18.5	
2001 03 12		22 57.69	+23 43.9	7.438	6.578	28.1	4.1	18.5	
2001 03 22		23 00.21	+24 00.0	7.470	6.609	28.2	4.1	18.6	
2001 04 01		23 02.46	+24 21.2	7.475	6.639	31.0	4.5	18.6	
2001 04 11		23 04.30	+24 46.4	7.456	6.671	35.9	5.1	18.6	
2001 04 21		23 05.63	+25 14.6	7.413	6.702	42.2	5.8	18.6	
2001 05 01		23 06.33	+25 45.0	7.348	6.735	49.3	6.5	18.6	
2001 05 11		23 06.27	+26 16.3	7.264	6.767	57.0	7.2	18.6	
2001 05 21		23 05.34	+26 47.4	7.165	6.801	65.1	7.8	18.6	
2001 05 31		23 03.45	+27 17.0	7.053	6.834	73.5	8.2	18.6	

2001 06 10	23 00.49	+27 43.4	6.934	6.869	82.1	8.4	18.6		
2001 06 20	22 56.40	+28 05.2	6.812	6.903	90.9	8.5	18.6		
2001 06 30	22 51.16	+28 20.5	6.692	6.938	99.8	8.3	18.5		
2001 07 10	22 44.78	+28 27.2	6.580	6.974	108.8	7.9	18.5		
2001 07 20	22 37.36	+28 23.8	6.481	7.010	117.6	7.4	18.5		
2001 07 30	22 29.05	+28 08.6	6.401	7.046	126.0	6.7	18.5		
2001 08 09	22 20.11	+27 40.5	6.344	7.083	133.7	5.9	18.5		
2001 08 19	22 10.83	+26 59.3	6.316	7.120	140.0	5.2	18.5		
2001 08 29	22 01.55	+26 05.6	6.318	7.158	143.8	4.8	18.6		
2001 09 08	21 52.62	+25 01.2	6.353	7.196	144.4	4.7	18.6		
2001 09 18	21 44.35	+23 48.3	6.421	7.234	141.5	5.0	18.6		
2001 09 28	21 36.99	+22 29.9	6.520	7.273	135.9	5.5	18.7		
2001 10 08	21 30.73	+21 09.2	6.649	7.312	128.4	6.1	18.8		
2001 10 18	21 25.64	+19 49.2	6.802	7.351	120.0	6.7	18.8		
2001 10 28	21 21.76	+18 32.5	6.976	7.391	111.0	7.2	18.9		
2001 11 07	21 19.06	+17 21.2	7.165	7.431	101.8	7.5	19.0		
2001 11 17	21 17.46	+16 16.7	7.362	7.471	92.5	7.6	19.1		
2001 11 27	21 16.85	+15 20.0	7.563	7.512	83.3	7.5	19.2		
2001 12 07	21 17.11	+14 31.7	7.761	7.553	74.2	7.2	19.2		
2001 12 17	21 18.12	+13 51.8	7.953	7.594	65.3	6.8	19.3		
2001 12 27	21 19.74	+13 20.4	8.132	7.636	56.7	6.2	19.4		
2002 01 06	21 21.83	+12 56.9	8.294	7.678	48.5	5.5	19.4		
2002 01 16	21 24.28	+12 41.0	8.437	7.720	40.8	4.8	19.5		
2002 01 26	21 26.96	+12 32.1	8.558	7.762	34.1	4.1	19.6		

C/1999 U4 (Catalina-Skiff)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2	Elements MPC 41525
2001 03 02		02 33.64	+51 49.5	5.413	5.256	75.7	10.5	15.4		
2001 03 12		02 42.01	+52 08.9	5.505	5.229	68.9	10.2	15.4		
2001 03 22		02 51.75	+52 35.4	5.588	5.204	62.5	9.8	15.4		
2001 04 01		03 02.77	+53 08.3	5.662	5.179	56.6	9.3	15.4		
2001 04 11		03 14.97	+53 46.9	5.723	5.155	51.2	8.7	15.4		
2001 04 21		03 28.30	+54 30.3	5.773	5.133	46.5	8.2	15.4		
2001 05 01		03 42.72	+55 17.8	5.809	5.111	42.5	7.6	15.4		
2001 05 11		03 58.18	+56 08.3	5.832	5.090	39.3	7.2	15.4		
2001 05 21		04 14.66	+57 01.0	5.841	5.071	37.1	6.9	15.4		
2001 05 31		04 32.14	+57 55.2	5.837	5.052	36.0	6.8	15.4		
2001 06 10		04 50.59	+58 50.0	5.820	5.035	36.1	6.8	15.3		
2001 06 20		05 09.99	+59 44.5	5.791	5.019	37.1	7.0	15.3		
2001 06 30		05 30.32	+60 38.2	5.751	5.004	39.2	7.4	15.3		
2001 07 10		05 51.51	+61 30.5	5.700	4.990	41.9	7.8	15.3		
2001 07 20		06 13.52	+62 20.9	5.639	4.977	45.3	8.3	15.2		
2001 07 30		06 36.24	+63 09.0	5.569	4.965	49.2	8.9	15.2		
2001 08 09		06 59.56	+63 54.6	5.493	4.955	53.4	9.5	15.1		
2001 08 19		07 23.37	+64 37.8	5.410	4.946	57.9	10.0	15.1		
2001 08 29		07 47.48	+65 18.8	5.322	4.938	62.5	10.5	15.1		
2001 09 08		08 11.73	+65 58.0	5.230	4.931	67.4	10.9	15.0		
2001 09 18		08 35.93	+66 35.9	5.137	4.925	72.3	11.2	15.0		
2001 09 28		08 59.85	+67 13.4	5.043	4.921	77.3	11.5	14.9		
2001 10 08		09 23.27	+67 51.2	4.950	4.918	82.4	11.6	14.9		
2001 10 18		09 45.96	+68 30.5	4.860	4.916	87.4	11.7	14.8		
2001 10 28		10 07.66	+69 12.2	4.774	4.915	92.3	11.7	14.8		
2001 11 07		10 28.07	+69 56.9	4.693	4.916	97.1	11.5	14.8		

2001 11 17	10 46.9	+70 45.4	4.621	4.918	101.7	11.4	14.7		
2001 11 27	11 03.7	+71 37.9	4.557	4.921	106.0	11.1	14.7		
2001 12 07	11 18.0	+72 34.0	4.504	4.925	109.8	10.9	14.7		
2001 12 17	11 29.2	+73 32.9	4.462	4.930	113.0	10.6	14.7		
2001 12 27	11 36.7	+74 32.9	4.433	4.937	115.5	10.4	14.7		
2002 01 06	11 39.6	+75 31.2	4.417	4.945	117.2	10.2	14.7		
2002 01 16	11 37.1	+76 24.1	4.416	4.954	118.0	10.1	14.7		
2002 01 26	11 28.9	+77 06.5	4.428	4.964	117.8	10.1	14.7		
2002 02 05	11 15.3	+77 33.0	4.455	4.976	116.7	10.2	14.7		
2002 02 15	10 57.7	+77 38.5	4.495	4.988	114.7	10.4	14.7		
2002 02 25	10 39.0	+77 19.6	4.548	5.002	111.9	10.6	14.8		
2002 03 07	10 22.0	+76 36.1	4.613	5.017	108.5	10.8	14.8		
2002 03 17	10 08.7	+75 30.3	4.688	5.033	104.7	11.0	14.9		
2002 03 27	10 00.0	+74 06.1	4.773	5.051	100.5	11.2	14.9		
2002 04 06	09 55.6	+72 27.8	4.866	5.069	96.0	11.3	15.0		
2002 04 16	09 55.1	+70 39.1	4.965	5.088	91.3	11.4	15.0		
2002 04 26	09 57.63	+68 43.0	5.069	5.109	86.6	11.3	15.1		
2002 05 06	10 02.48	+66 42.1	5.177	5.130	81.7	11.2	15.2		
2002 05 16	10 09.07	+64 38.1	5.287	5.153	76.9	11.0	15.2		
2002 05 26	10 16.97	+62 32.7	5.396	5.177	72.2	10.7	15.3		
2002 06 05	10 25.80	+60 27.1	5.505	5.201	67.5	10.4	15.4		
2002 06 15	10 35.31	+58 22.1	5.611	5.227	62.9	10.0	15.4		
2002 06 25	10 45.28	+56 18.7	5.713	5.253	58.5	9.5	15.5		
2002 07 05	10 55.57	+54 17.7	5.810	5.281	54.3	9.0	15.5		
2002 07 15	11 06.05	+52 19.6	5.900	5.309	50.4	8.5	15.6		
2002 07 25	11 16.63	+50 25.2	5.982	5.338	46.8	8.0	15.7		
2002 08 04	11 27.23	+48 34.9	6.055	5.369	43.8	7.5	15.7		
2002 08 14	11 37.81	+46 49.3	6.118	5.400	41.4	7.1	15.8		

P/2000 WT ₁₆₈ ()		Elements MPC 42315							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 03 02	08 04.13	-09 51.6	0.929	1.774	134.9	23.3	15.8	17.2	
2001 03 12	08 05.56	-10 12.5	0.973	1.765	127.7	26.5	15.9	17.4	
2001 03 22	08 11.14	-10 17.2	1.027	1.762	121.0	29.0	16.0	17.6	
2001 04 01	08 20.57	-10 14.2	1.090	1.764	115.1	30.9	16.2	17.7	
2001 04 11	08 33.33	-10 10.5	1.159	1.771	109.8	32.2	16.3	17.9	
2001 04 21	08 48.82	-10 10.7	1.235	1.783	105.0	33.0	16.5	18.1	
2001 05 01	09 06.53	-10 17.9	1.317	1.800	100.6	33.4	16.7	18.3	
2001 05 11	09 25.92	-10 34.1	1.405	1.822	96.6	33.4	16.8	18.4	
2001 05 21	09 46.54	-10 59.7	1.500	1.848	92.7	33.2	17.0	18.6	
2001 05 31	10 08.02	-11 34.8	1.601	1.878	88.9	32.7	17.3	18.8	
2001 06 10	10 30.04	-12 18.7	1.708	1.912	85.2	31.9	17.5	18.9	
2001 06 20	10 52.35	-13 10.1	1.822	1.950	81.5	31.0	17.7	19.1	
2001 06 30	11 14.78	-14 07.8	1.942	1.990	77.7	29.9	17.9	19.2	
2001 07 10	11 37.18	-15 10.3	2.067	2.034	73.8	28.7	18.2	19.4	
2001 07 20	11 59.45	-16 16.0	2.197	2.080	69.9	27.3	18.4	19.5	
2001 07 30	12 21.56	-17 23.7	2.331	2.127	65.8	25.8	18.6	19.7	
2001 08 09	12 43.44	-18 31.8	2.468	2.177	61.6	24.2	18.8	19.8	
2001 08 19	13 05.11	-19 39.0	2.606	2.229	57.3	22.5	19.1	19.9	
2001 08 29	13 26.56	-20 44.5	2.745	2.281	52.8	20.7	19.3	20.0	
2001 09 08	13 47.77	-21 47.0	2.882	2.335	48.2	18.8	19.5	20.1	
2001 09 18	14 08.76	-22 45.6	3.017	2.390	43.4	16.8	19.7	20.2	

2001 09 28	14 29.54	-23 39.7	3.148	2.445	38.5	14.8	19.9	20.3	
2001 10 08	14 50.08	-24 28.5	3.273	2.501	33.4	12.7	20.1	20.3	

P/2001 CV_s (LINEAR)

P/2001 CV _s (LINEAR)		Elements MPC 42317							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 03 02		10 38.83	+15 14.4	1.172	2.157	171.4	3.9	16.7	
2001 03 12		10 31.36	+14 46.0	1.197	2.164	161.9	8.2	16.7	
2001 03 22		10 25.61	+14 04.6	1.245	2.173	151.3	12.7	16.8	
2001 04 01		10 22.43	+13 10.4	1.314	2.185	141.2	16.7	17.0	
2001 04 11		10 22.18	+12 04.8	1.401	2.199	131.8	19.9	17.2	
2001 04 21		10 24.79	+10 49.8	1.502	2.216	123.0	22.3	17.3	
2001 05 01		10 30.01	+09 26.9	1.614	2.235	115.0	24.1	17.5	
2001 05 11		10 37.46	+07 57.3	1.736	2.257	107.6	25.2	17.7	
2001 05 21		10 46.74	+06 22.1	1.865	2.281	100.7	25.9	17.9	
2001 05 31		10 57.51	+04 42.1	1.999	2.307	94.2	26.0	18.1	
2001 06 10		11 09.47	+02 58.1	2.137	2.335	88.0	25.8	18.3	
2001 06 20		11 22.37	+01 11.0	2.278	2.364	82.2	25.2	18.5	
2001 06 30		11 36.02	-00 38.8	2.420	2.396	76.5	24.4	18.7	
2001 07 10		11 50.26	-02 30.2	2.561	2.429	71.0	23.3	18.9	
2001 07 20		12 04.98	-04 22.6	2.702	2.463	65.6	22.1	19.1	
2001 07 30		12 20.11	-06 15.4	2.841	2.499	60.3	20.7	19.2	
2001 08 09		12 35.57	-08 07.7	2.977	2.535	55.0	19.1	19.4	
2001 08 19		12 51.31	-09 58.9	3.109	2.573	49.7	17.5	19.6	
2001 08 29		13 07.30	-11 48.3	3.235	2.612	44.5	15.7	19.7	
2001 09 08		13 23.51	-13 35.2	3.355	2.651	39.2	13.9	19.9	
2001 09 18		13 39.92	-15 19.0	3.468	2.692	33.8	12.0	20.0	

C/2001 C1 (LINEAR)

C/2001 C1 (LINEAR)		Elements MPC 42316							
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 03 02		14 38.19	-12 15.4	5.320	5.884	120.4	8.4	17.3	
2001 03 12		14 34.45	-12 53.5	5.146	5.847	131.1	7.4	17.2	
2001 03 22		14 29.43	-13 29.4	4.993	5.811	142.0	6.1	17.1	
2001 04 01		14 23.24	-14 03.3	4.866	5.775	153.2	4.5	17.1	
2001 04 11		14 16.11	-14 34.9	4.769	5.740	164.5	2.7	17.0	
2001 04 21		14 08.33	-15 04.6	4.704	5.706	175.4	0.8	16.9	
2001 05 01		14 00.28	-15 32.6	4.673	5.673	172.1	1.4	16.9	
2001 05 11		13 52.35	-15 59.6	4.676	5.640	160.9	3.4	16.9	
2001 05 21		13 44.91	-16 26.4	4.710	5.608	149.8	5.2	16.9	
2001 05 31		13 38.29	-16 53.8	4.773	5.577	138.9	6.9	16.9	
2001 06 10		13 32.75	-17 23.0	4.860	5.547	128.3	8.3	16.9	
2001 06 20		13 28.44	-17 54.9	4.966	5.517	118.1	9.4	16.9	
2001 06 30		13 25.43	-18 30.2	5.086	5.488	108.1	10.1	16.9	
2001 07 10		13 23.72	-19 09.5	5.215	5.460	98.6	10.6	17.0	
2001 07 20		13 23.28	-19 53.2	5.349	5.433	89.4	10.8	17.0	
2001 07 30		13 24.04	-20 41.6	5.482	5.407	80.5	10.7	17.0	
2001 08 09		13 25.89	-21 34.6	5.611	5.382	71.8	10.3	17.1	
2001 08 19		13 28.74	-22 32.4	5.732	5.357	63.5	9.7	17.1	
2001 08 29		13 32.48	-23 34.8	5.841	5.334	55.5	9.0	17.1	
2001 09 08		13 37.01	-24 41.8	5.937	5.311	47.7	8.1	17.1	
2001 09 18		13 42.24	-25 53.1	6.017	5.290	40.2	7.0	17.1	
2001 09 28		13 48.07	-27 08.7	6.080	5.269	33.2	6.0	17.1	

C/1997 BA₆ (Spacewatch)

Date TT		Elements MPC 41524							
		α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 03 22		21 45.23	-12 42.9	6.216	5.455	37.2	6.3	18.1	
2001 04 01		21 49.49	-11 33.3	6.170	5.519	45.7	7.4	18.2	
2001 04 11		21 53.02	-10 25.9	6.107	5.583	54.4	8.4	18.2	
2001 04 21		21 55.74	-09 21.1	6.028	5.646	63.2	9.1	18.3	
2001 05 01		21 57.56	-08 19.1	5.939	5.711	72.1	9.7	18.3	
2001 05 11		21 58.40	-07 20.3	5.841	5.775	81.3	10.0	18.3	
2001 05 21		21 58.19	-06 25.1	5.740	5.839	90.6	10.0	18.3	
2001 05 31		21 56.87	-05 34.0	5.640	5.904	100.2	9.7	18.2	
2001 06 10		21 54.43	-04 47.5	5.546	5.969	109.9	9.2	18.2	
2001 06 20		21 50.87	-04 05.8	5.462	6.033	119.9	8.4	18.2	
2001 06 30		21 46.26	-03 29.6	5.395	6.098	130.0	7.3	18.1	
2001 07 10		21 40.73	-02 58.9	5.348	6.164	140.2	6.1	18.1	
2001 07 20		21 34.47	-02 33.9	5.326	6.229	150.2	4.6	18.0	
2001 07 30		21 27.72	-02 14.6	5.333	6.294	159.5	3.2	17.9	
2001 08 09		21 20.79	-02 00.4	5.371	6.359	166.0	2.2	17.9	
2001 08 19		21 13.96	-01 50.7	5.440	6.425	165.3	2.3	18.0	
2001 08 29		21 07.54	-01 44.6	5.542	6.490	158.1	3.3	18.1	
2001 09 08		21 01.80	-01 41.1	5.674	6.556	148.7	4.6	18.3	
2001 09 18		20 56.93	-01 39.0	5.833	6.621	138.7	5.7	18.4	
2001 09 28		20 53.06	-01 37.1	6.015	6.687	128.6	6.7	18.5	
2001 10 08		20 50.28	-01 34.5	6.216	6.752	118.6	7.5	18.7	
2001 10 18		20 48.59	-01 30.3	6.432	6.818	108.8	8.0	18.8	
2001 10 28		20 47.97	-01 23.7	6.656	6.883	99.1	8.2	18.9	
2001 11 07		20 48.34	-01 14.1	6.885	6.949	89.6	8.2	19.0	
2001 11 17		20 49.61	-01 01.1	7.113	7.014	80.3	8.0	19.1	
2001 11 27		20 51.68	-00 44.3	7.336	7.080	71.2	7.6	19.1	
2001 12 07		20 54.43	-00 23.6	7.550	7.145	62.3	7.0	19.2	
2001 12 17		20 57.76	+00 01.2	7.750	7.211	53.7	6.3	19.2	
2001 12 27		21 01.54	+00 29.9	7.935	7.276	45.3	5.5	19.3	
2002 01 06		21 05.65	+01 02.6	8.100	7.342	37.3	4.7	19.3	

90P/Gehrels 1

Date TT		Elements MPC 34422							
		α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 03 22		22 04.03	-18 59.5	5.003	4.233	35.6	7.9	21.4	21.7
2001 04 01		22 14.46	-18 04.4	4.871	4.192	42.7	9.3	21.3	21.7
2001 04 11		22 24.49	-17 10.8	4.725	4.151	49.9	10.6	21.1	21.6
2001 04 21		22 34.07	-16 19.4	4.568	4.110	57.1	11.9	21.0	21.6
2001 05 01		22 43.09	-15 31.0	4.401	4.069	64.5	12.9	20.9	21.5
2001 05 11		22 51.46	-14 46.5	4.226	4.029	71.9	13.8	20.7	21.4
2001 05 21		22 59.07	-14 06.5	4.046	3.989	79.5	14.5	20.5	21.4
2001 05 31		23 05.79	-13 32.1	3.863	3.949	87.4	14.9	20.4	21.2
2001 06 10		23 11.49	-13 04.1	3.680	3.909	95.4	15.0	20.2	21.1
2001 06 20		23 16.03	-12 43.3	3.500	3.869	103.7	14.8	20.0	21.0
2001 06 30		23 19.23	-12 30.3	3.326	3.830	112.4	14.2	19.9	20.8
2001 07 10		23 20.98	-12 25.5	3.161	3.791	121.4	13.2	19.7	20.7
2001 07 20		23 21.14	-12 28.9	3.010	3.753	130.7	11.8	19.5	20.5
2001 07 30		23 19.65	-12 40.0	2.874	3.714	140.5	10.0	19.3	20.3
2001 08 09		23 16.55	-12 57.2	2.760	3.677	150.6	7.8	19.2	20.1
2001 08 19		23 12.00	-13 18.5	2.668	3.640	160.8	5.2	19.0	19.9
2001 08 29		23 06.32	-13 40.9	2.604	3.603	170.1	2.7	18.9	19.6
2001 09 08		23 00.00	-14 00.9	2.567	3.567	171.6	2.4	18.8	19.6

2001 09 18		22 53.62	-14 15.2	2.559	3.531	162.8	4.8	18.8	19.7
2001 09 28		22 47.81	-14 20.8	2.578	3.496	152.3	7.6	18.7	19.8
2001 10 08		22 43.14	-14 16.1	2.622	3.462	141.8	10.3	18.7	19.9
2001 10 18		22 40.02	-14 00.1	2.687	3.429	131.4	12.6	18.7	20.1
2001 10 28		22 38.74	-13 32.7	2.770	3.396	121.4	14.5	18.7	20.2
2001 11 07		22 39.40	-12 54.5	2.867	3.364	111.9	15.9	18.7	20.3
2001 11 17		22 41.96	-12 06.4	2.973	3.333	102.7	16.8	18.7	20.4
2001 11 27		22 46.34	-11 08.9	3.084	3.303	94.0	17.3	18.7	20.5
2001 12 07		22 52.36	-10 03.1	3.197	3.274	85.7	17.5	18.7	20.5
2001 12 17		22 59.84	-08 49.8	3.310	3.246	77.7	17.2	18.8	20.6
2001 12 27		23 08.61	-07 29.6	3.419	3.218	70.0	16.7	18.8	20.6
2002 01 06		23 18.48	-06 03.2	3.523	3.192	62.6	15.9	18.8	20.6
2002 01 16		23 29.30	-04 31.5	3.619	3.168	55.5	14.8	18.8	20.6
2002 01 26		23 40.94	-02 54.9	3.706	3.144	48.6	13.6	18.8	20.6
2002 02 05		23 53.28	-01 14.4	3.784	3.122	42.0	12.2	18.8	20.6
2002 02 15		00 06.22	+00 29.4	3.851	3.101	35.5	10.7	18.8	20.6

2P/Encke

Date TT		Elements MPC 40671							
		α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 03 22		22 05.29	-14 50.2	3.468	2.692	33.4	11.8	20.7	22.1
2001 04 01		22 16.09	-13 46.5	3.452	2.769	40.5	13.5	20.8	22.2
2001 04 11		22 25.80	-12 47.9	3.418	2.842	47.7	15.1	21.0	22.3
2001 04 21		22 34.36	-11 55.1	3.367	2.913	55.2	16.5	21.1	22.3
2001 05 01		22 41.69	-11 09.3	3.300	2.981	63.0	17.5	21.2	22.4
2001 05 11		22 47.65	-10 31.3	3.220	3.046	71.1	18.3	21.3	22.4
2001 05 21		22 52.11	-10 02.3	3.130	3.109	79.5	18.7	21.4	22.4
2001 05 31		22 54.90	-09 43.5	3.032	3.169	88.3	18.7	21.4	22.4
2001 06 10		22 55.85	-09 35.8	2.931	3.227	97.6	18.2	21.5	22.3
2001 06 20		22 54.77	-09 40.1	2.831	3.282	107.4	17.2	21.5	22.2
2001 06 30		22 51.52	-09 56.9	2.738	3.336	117.8	15.6	21.5	22.2
2001 07 10		22 46.04	-10 26.0	2.656	3.387	128.8	13.5	21.6	22.1
2001 07 20		22 38.40	-11 06.2	2.592	3.436	140.3	10.9	21.6	21.9
2001 07 30		22 28.86	-11 55.0	2.552	3.483	152.3	7.8	21.7	21.8
2001 08 09		22 17.92	-12 48.5	2.540	3.528	164.6	4.4	21.7	21.7
2001 08 19		22 06.26	-13 42.4	2.560	3.571	176.7	0.9	21.4	21.4
2001 08 29		21 54.71	-14 32.3	2.614	3.612	170.0	2.8	21.7	21.7
2001 09 08		21 44.06	-15 14.5	2.699	3.652	157.7	6.0	21.9	21.9
2001 09 18		21 34.95	-15 47.0	2.815	3.689	145.7	8.8	22.2	22.2
2001 09 28		21 27.82	-16 09.0	2.956	3.725	134.2	11.1	22.4	22.4

16P/Brooks 2

Date TT		Elements MPC 31664							
		α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 04 01		22 44.91	-05 43.5	2.862	2.069	30.9	14.3	17.7	21.7
2001 04 11		23 07.03	-03 40.4	2.772	2.032	34.8	16.4	17.4	21.6
2001 04 21		23 29.37	-01 33.3	2.681	1.997	38.6	18.3	17.2	21.6
2001 05 01		23 51.92	+00 36.1	2.589	1.965	42.3	20.2	16.9	21.5
2001 05 11		00 14.70	+02 45.9	2.497	1.936	45.9	22.0	16.7	21.5
2001 05 21		00 37.73	+04 54.1	2.407	1.910	49.4	23.7	16.4	21.4
2001 05 31		01 00.98	+06 58.7	2.317	1.887	52.9	25.4	16.2	21.4
2001 06 10		01 24.42	+08 57.4	2.230	1.869	56.3	26.9	16.0	21.3
2001 06 20		01 48.01	+10 48.0	2.144	1.854	59.8	28.3	15.9	21.2
2001 06 30		02 11.63	+12 28.4	2.060	1.843	63.3	29.5	15.7	21.2
2001 07 10		02 35.15	+13 56.7	1.978	1.837	67.0	30.6	15.6	21.1

2001 07 20	02 58.38	+15 11.2	1.898	1.835	70.8	31.5	15.5	21.1
2001 07 30	03 21.08	+16 10.6	1.820	1.837	74.8	32.2	15.4	21.0
2001 08 09	03 42.95	+16 54.3	1.743	1.844	79.1	32.7	15.4	20.9
2001 08 19	04 03.69	+17 22.0	1.668	1.854	83.8	32.9	15.3	20.8
2001 08 29	04 22.90	+17 34.0	1.593	1.869	88.9	32.7	15.3	20.7
2001 09 08	04 40.17	+17 31.6	1.521	1.888	94.4	32.1	15.3	20.7
2001 09 18	04 55.09	+17 16.1	1.450	1.910	100.6	31.1	15.3	20.5
2001 09 28	05 07.19	+16 49.7	1.383	1.937	107.5	29.6	15.4	20.4
2001 10 08	05 16.05	+16 15.0	1.320	1.966	115.2	27.4	15.4	20.3
2001 10 18	05 21.31	+15 34.7	1.265	1.998	123.7	24.5	15.5	20.2
2001 10 28	05 22.74	+14 52.0	1.220	2.033	133.1	20.9	15.6	20.0
2001 11 07	05 20.45	+14 10.7	1.189	2.071	143.4	16.6	15.8	19.8
2001 11 17	05 14.92	+13 34.1	1.176	2.110	154.1	11.8	16.0	19.7
2001 11 27	05 07.12	+13 06.0	1.185	2.152	164.5	7.1	16.2	19.6
2001 12 07	04 58.45	+12 49.1	1.218	2.195	170.2	4.4	16.5	19.5
2001 12 17	04 50.32	+12 45.0	1.277	2.240	164.4	6.8	16.8	19.8
2001 12 27	04 43.97	+12 54.0	1.360	2.287	154.3	10.7	17.1	20.1
2002 01 06	04 40.17	+13 14.7	1.466	2.334	143.9	14.4	17.5	20.5
2002 01 16	04 39.20	+13 44.6	1.592	2.382	133.9	17.3	17.9	20.8
2002 01 26	04 41.07	+14 21.1	1.734	2.432	124.5	19.5	18.3	21.1
2002 02 05	04 45.52	+15 01.3	1.889	2.481	115.7	21.0	18.7	21.4
2002 02 15	04 52.21	+15 42.9	2.055	2.532	107.4	21.9	19.2	21.6
2002 02 25	05 00.81	+16 23.7	2.227	2.582	99.5	22.2	19.5	21.9
2002 03 07	05 10.97	+17 01.9	2.405	2.633	92.0	22.1	19.9	22.1
2002 03 17	05 22.43	+17 36.1	2.584	2.684	84.8	21.7	20.3	22.3
2002 03 27	05 34.91	+18 05.3	2.764	2.735	77.9	20.9	20.6	22.4

P/1999 J5 (LINEAR)

Date	TT	α_{2000}	δ_{2000}	Δ	r	Elements MPC 35553			
						ϵ	ϕ	m_1	m_2
2001 04 01		23 03.60	-14 35.2	5.184	4.357	30.9	6.8	19.0	
2001 04 11		23 13.49	-13 52.8	5.116	4.371	38.0	8.1	19.0	
2001 04 21		23 22.94	-13 14.5	5.033	4.385	45.3	9.4	18.9	
2001 05 01		23 31.85	-12 41.2	4.936	4.399	52.7	10.5	18.9	
2001 05 11		23 40.14	-12 13.5	4.826	4.413	60.2	11.5	18.9	
2001 05 21		23 47.74	-11 52.4	4.707	4.427	67.9	12.2	18.8	
2001 05 31		23 54.53	-11 38.7	4.580	4.440	75.8	12.8	18.8	
2001 06 10		00 00.41	-11 33.2	4.447	4.454	83.8	13.1	18.7	
2001 06 20		00 05.27	-11 36.3	4.313	4.468	92.2	13.1	18.7	
2001 06 30		00 08.99	-11 48.7	4.179	4.482	100.7	12.9	18.6	
2001 07 10		00 11.48	-12 10.5	4.051	4.495	109.6	12.3	18.6	
2001 07 20		00 12.63	-12 41.3	3.931	4.509	118.8	11.4	18.5	
2001 07 30		00 12.39	-13 20.5	3.824	4.523	128.2	10.2	18.5	
2001 08 09		00 10.77	-14 06.3	3.734	4.536	137.8	8.6	18.4	
2001 08 19		00 07.85	-14 56.7	3.665	4.549	147.3	6.9	18.4	
2001 08 29		00 03.79	-15 48.6	3.620	4.563	156.3	5.1	18.4	
2001 09 08		23 58.89	-16 38.5	3.603	4.576	163.1	3.7	18.4	
2001 09 18		23 53.50	-17 23.1	3.614	4.589	164.3	3.4	18.4	
2001 09 28		23 48.05	-17 59.3	3.654	4.602	158.7	4.5	18.4	
2001 10 08		23 42.98	-18 24.8	3.723	4.616	150.1	6.2	18.5	
2001 10 18		23 38.67	-18 38.4	3.817	4.628	140.4	7.9	18.6	
2001 10 28		23 35.44	-18 39.8	3.934	4.641	130.5	9.4	18.6	
2001 11 07		23 33.47	-18 29.5	4.069	4.654	120.7	10.5	18.7	
2001 11 17		23 32.87	-18 08.6	4.218	4.667	111.1	11.4	18.8	

2001 11 27	23 33.65	-17 38.3	4.378	4.679	101.7	11.9	18.9	
2001 12 07	23 35.75	-17 00.1	4.543	4.692	92.6	12.1	19.0	
2001 12 17	23 39.07	-16 15.4	4.709	4.704	83.7	12.0	19.1	
2001 12 27	23 43.50	-15 25.2	4.873	4.717	75.1	11.6	19.2	
2002 01 06	23 48.90	-14 30.9	5.031	4.729	66.7	11.0	19.3	
2002 01 16	23 55.13	-13 33.3	5.179	4.741	58.5	10.2	19.3	
2002 01 26	00 02.08	-12 33.5	5.317	4.753	50.6	9.2	19.4	
2002 02 05	00 09.61	-11 32.2	5.440	4.765	42.9	8.1	19.5	
2002 02 15	00 17.62	-10 30.2	5.548	4.777	35.4	6.9	19.5	

19P/Borrelly

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2	Elements MPC 31664	
2001 04 01		23 53.37	-24 26.1	3.024	2.230	31.2	13.4	15.6	21.9		
2001 04 11		00 15.48	-22 17.9	2.912	2.158	34.2	15.1	15.2	21.8		
2001 04 21		00 38.04	-20 03.3	2.797	2.086	37.1	16.9	14.7	21.7		
2001 05 01		01 01.07	-17 42.8	2.682	2.014	39.8	18.7	14.2	21.6		
2001 05 11		01 24.62	-15 16.5	2.567	1.943	42.3	20.5	13.8	21.5		
2001 05 21		01 48.75	-12 44.8	2.453	1.873	44.6	22.3	13.3	21.4		
2001 05 31		02 13.50	-10 08.2	2.343	1.805	46.6	24.1	12.8	21.3		
2001 06 10		02 38.90	-07 27.3	2.237	1.738	48.4	25.9	12.2	21.1		
2001 06 20		03 05.02	-04 42.6	2.136	1.674	50.0	27.7	11.7	21.0		
2001 06 30		03 31.89	-01 55.1	2.040	1.614	51.3	29.5	11.2	20.9		
2001 07 10		03 59.54	+00 54.4	1.951	1.558	52.5	31.2	10.8	20.7		
2001 07 20		04 28.03	+03 44.7	1.867	1.506	53.7	32.9	10.3	20.6		
2001 07 30		04 57.38	+06 34.6	1.790	1.461	54.7	34.6	9.9	20.5		
2001 08 09		05 27.63	+09 22.6	1.719	1.423	55.9	36.1	9.5	20.4		
2001 08 19		05 58.80	+12 07.0	1.654	1.393	57.1	37.6	9.2	20.3		
2001 08 29		06 30.87	+14 46.0	1.595	1.372	58.6	38.9	8.9	20.3		
2001 09 08		07 03.78	+17 17.8	1.542	1.360	60.3	40.0	8.8	20.2		
2001 09 18		07 37.42	+19 40.4	1.494	1.359	62.3	40.9	8.7	20.1		
2001 09 28		08 11.53	+21 52.7	1.453	1.367	64.7	41.5	8.7	20.1		
2001 10 08		08 45.81	+23 54.2	1.416	1.385	67.4	41.8	8.8	20.1		
2001 10 18		09 19.87	+25 45.4	1.385	1.412	70.6	41.7	9.0	20.1		
2001 10 28		09 53.19	+27 28.5	1.359	1.447	74.1	41.3	9.2	20.1		
2001 11 07		10 25.31	+29 06.8	1.337	1.490	78.0	40.6	9.5	20.1		
2001 11 17		10 55.70	+30 44.4	1.319	1.539	82.3	39.5	9.8	20.1		
2001 11 27		11 23.86	+32 26.4	1.304	1.594	87.0	38.2	10.1	20.1		
2001 12 07		11 49.35	+34 16.8	1.293	1.653	92.0	36.6	10.5	20.1		
2001 12 17		12 11.69	+36 19.6	1.285	1.716	97.4	34.7	10.9	20.2		
2001 12 27		12 30.34	+38 36.6	1.281	1.781	102.9	32.6	11.3	20.2		
2002 01 06		12 44.81	+41 07.0	1.283	1.849	108.6	30.3	11.7	20.2		
2002 01 16		12 54.48	+43 47.2	1.291	1.918	114.3	27.9	12.1	20.2		
2002 01 26		12 58.76	+46 29.3	1.309	1.989	119.6	25.5	12.6	20.2		
2002 02 05		12 57.26	+49 01.8	1.338	2.061	124.2	23.3	13.0	20.3		
2002 02 15		12 50.00	+51 10.5	1.380	2.133	127.7	21.5	13.4	20.4		
2002 02 25		12 37.80	+52 40.7	1.437	2.205	129.6	20.2	13.9	20.5		
2002 03 07		12 22.53	+53 21.6	1.511	2.277	129.8	19.6	14.3	20.7		
2002 03 17		12 06.57	+53 09.6	1.600	2.349	128.2	19.4	14.8	20.9		
2002 03 27		11 52.30	+52 08.7	1.706	2.421	125.1	19.7	15.3	21.1		
2002 04 06		11 41.24	+50 28.8	1.827	2.492	120.8	20.2	15.7	21.3		
2002 04 16		11 33.95	+48 21.1	1.962	2.563	115.8	20.6	16.2	21.5		
2002 04 26		11 30.34	+45 55.7	2.109	2.633	110.3	21.0	16.6	21.8		
2002 05 06		11 29.90	+43 20.9	2.266	2.702	104.6	21.2	17.1	22.0		

2002 05 16	11 32.07	+40 42.2	2.432	2.771	98.7	21.1	17.5	22.2
2002 05 26	11 36.33	+38 03.4	2.604	2.839	92.7	20.9	17.9	22.4
2002 06 05	11 42.20	+35 27.0	2.780	2.906	86.8	20.4	18.3	22.5

39P/Oterma

Elements MPC 34423

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 04 11	22 58.26	-06 23.7	6.653	5.894	37.8	6.0	20.7	22.4
2001 04 21	23 04.88	-05 40.9	6.538	5.882	45.8	7.0	20.6	22.4
2001 05 01	23 11.05	-05 00.4	6.407	5.869	53.9	8.0	20.6	22.4
2001 05 11	23 16.69	-04 22.9	6.263	5.857	62.0	8.8	20.5	22.4
2001 05 21	23 21.71	-03 49.0	6.108	5.845	70.3	9.4	20.4	22.4
2001 05 31	23 26.03	-03 19.3	5.946	5.833	78.7	9.8	20.4	22.3
2001 06 10	23 29.57	-02 54.3	5.780	5.822	87.3	10.0	20.3	22.3
2001 06 20	23 32.25	-02 34.8	5.613	5.810	96.1	10.0	20.2	22.2
2001 06 30	23 33.99	-02 21.0	5.449	5.799	105.2	9.7	20.1	22.1
2001 07 10	23 34.75	-02 13.6	5.292	5.788	114.5	9.2	20.1	22.0
2001 07 20	23 34.50	-02 12.5	5.146	5.776	124.1	8.4	20.0	21.9
2001 07 30	23 33.25	-02 17.9	5.014	5.765	133.9	7.3	19.9	21.8
2001 08 09	23 31.06	-02 29.3	4.903	5.755	144.1	5.9	19.9	21.7
2001 08 19	23 28.04	-02 46.1	4.814	5.744	154.5	4.4	19.8	21.6
2001 08 29	23 24.38	-03 07.1	4.752	5.734	165.1	2.6	19.8	21.5
2001 09 08	23 20.33	-03 30.7	4.718	5.723	175.8	0.7	19.7	21.3
2001 09 18	23 16.15	-03 55.4	4.714	5.713	173.2	1.2	19.7	21.3
2001 09 28	23 12.15	-04 19.1	4.740	5.703	162.4	3.0	19.7	21.5
2001 10 08	23 08.61	-04 40.1	4.795	5.694	151.6	4.8	19.7	21.6
2001 10 18	23 05.77	-04 56.9	4.876	5.684	140.9	6.3	19.8	21.7
2001 10 28	23 03.84	-05 08.2	4.979	5.675	130.5	7.7	19.8	21.8
2001 11 07	23 02.95	-05 13.3	5.101	5.665	120.2	8.7	19.8	21.9
2001 11 17	23 03.14	-05 11.8	5.238	5.656	110.2	9.4	19.9	22.0
2001 11 27	23 04.44	-05 03.5	5.384	5.648	100.5	9.9	19.9	22.1
2001 12 07	23 06.81	-04 48.5	5.535	5.639	91.0	10.1	20.0	22.1
2001 12 17	23 10.17	-04 27.2	5.687	5.630	81.7	10.0	20.0	22.2
2001 12 27	23 14.45	-04 00.0	5.836	5.622	72.7	9.6	20.1	22.2
2002 01 06	23 19.54	-03 27.5	5.977	5.614	63.9	9.0	20.1	22.2
2002 01 16	23 25.33	-02 50.3	6.108	5.606	55.3	8.3	20.2	22.2
2002 01 26	23 31.73	-02 08.8	6.226	5.599	46.8	7.4	20.2	22.2
2002 02 05	23 38.63	-01 23.8	6.328	5.591	38.6	6.3	20.2	22.2
2002 02 15	23 45.94	-00 35.9	6.413	5.584	30.4	5.1	20.2	22.2

C/1998 G1 (LINEAR)

Elements MPC 32168

Date TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2001 04 11	23 03.18	-04 17.8	8.253	7.465	35.9	4.5		22.3
2001 04 21	23 05.57	-03 41.8	8.201	7.523	44.9	5.4		22.4
2001 05 01	23 07.45	-03 08.4	8.129	7.581	54.0	6.2		22.4
2001 05 11	23 08.73	-02 38.0	8.041	7.639	63.2	6.8		22.5
2001 05 21	23 09.36	-02 10.9	7.940	7.696	72.5	7.2		22.5
2001 05 31	23 09.25	-01 47.6	7.830	7.754	82.0	7.4		22.5
2001 06 10	23 08.36	-01 28.4	7.716	7.811	91.6	7.5		22.4
2001 06 20	23 06.66	-01 13.7	7.602	7.867	101.4	7.3		22.4
2001 06 30	23 04.11	-01 03.7	7.495	7.924	111.5	6.9		22.4
2001 07 10	23 00.76	-00 58.5	7.399	7.980	121.7	6.2		22.3
2001 07 20	22 56.63	-00 58.2	7.320	8.036	132.1	5.4		22.3
2001 07 30	22 51.84	-01 02.4	7.262	8.092	142.6	4.4		22.2

2001 08 09	22 46.51	-01 10.8	7.230	8.147	153.2	3.2		22.2
2001 08 19	22 40.81	-01 22.7	7.227	8.203	163.6	2.0		22.1
2001 08 29	22 34.96	-01 37.2	7.256	8.258	172.1	1.0		22.0
2001 09 08	22 29.15	-01 53.3	7.319	8.313	170.0	1.2		22.1
2001 09 18	22 23.62	-02 09.9	7.414	8.367	160.4	2.3		22.2
2001 09 28	22 18.54	-02 25.9	7.541	8.422	149.8	3.4		22.3
2001 10 08	22 14.08	-02 40.3	7.696	8.476	139.1	4.4		22.5

OPPOSITION DATA

Planet	Opposition	α_{2000}	δ_{2000}	V	$\dot{\alpha}$	$\dot{\delta}$	ϕ_{MIN}	Ref.
1993 QG ₈	2001 02 23.0	10 25.28	+10 28.3	19.2	-0.75	+ 6.9	0.2/22.8	10830
1998 OS ₄	2001 02 23.0	10 25.31	-00 01.2	24.1	-0.82	+ 3.5	2.3/25.9	32757
1999 RW ₃₇	2001 02 23.0	10 25.32	-01 27.0	18.4	-0.81	+ 8.6	3.7/26.8	10890
1999 RC ₁₇₈	2001 02 23.0	10 25.36	+12 38.5	19.8	-0.93	+ 5.9	0.9/22.2	1462
1999 VF ₁₆₇	2001 02 23.0	10 25.48	+13 39.8	19.8	-0.91	+ 4.5	1.1/22.0	10516
1999 VK ₁₀₁	2001 02 23.0	10 25.48	+12 55.9	19.2	-0.78	+ 4.7	1.0/22.1	10507
1999 UV ₁₂	2001 02 23.0	10 25.51	+00 33.5	19.3	-0.95	+ 6.9	3.3/25.9	10918
1998 QH ₈₆	2001 02 23.0	10 25.52	-07 49.0	18.3	-0.70	+ 6.2	4.8/01.0	4418
1999 RX ₉₂	2001 02 23.0	10 25.54	+15 53.5	18.6	-1.02	+ 4.0	2.2/21.4	10892
1988 PF ₁	2001 02 23.0	10 25.56	+06 49.2	22.3	-0.75	+ 3.9	0.7/24.0	23513
1997 GP ₃₃	2001 02 23.1	10 25.56	+07 19.4	18.3	-0.86	+ 6.0	0.9/23.9	10840
1999 TF ₂₁₃	2001 02 23.1	10 25.58	+14 12.5	17.8	-1.06	+ 2.5	1.8/22.0	10914
1999 RX ₁₇₆	2001 02 23.1	10 25.62	+06 27.8	18.4	-0.99	+ 7.2	1.3/24.1	10897
1999 XE ₁₉	2001 02 23.1	10 25.63	+25 55.4	19.4	-0.99	+ 3.5	5.0/18.6	1547
2001 CH ₈	2001 02 23.1	10 25.71	+16 05.4	18.2	-0.95	+ 5.4	2.7/21.3	10752
2000 AX ₁₉₃	2001 02 23.1	10 25.73	+13 38.0	17.6	-0.49	+ 5.4	0.7/21.8	10948
1999 RX ₁₈₂	2001 02 23.1	10 25.78	+07 09.7	18.2	-0.90	+ 6.3	1.0/24.0	10898
1999 RK ₁₂₆	2001 02 23.1	10 25.85	+03 16.7	18.1	-0.95	+ 5.2	2.5/25.1	10894
1998 QZ ₃₇	2001 02 23.1	10 25.86	+11 18.8	18.3	-0.84	+10.0	0.5/22.7	10861
1999 TB ₁₀₂	2001 02 23.1	10 25.90	+07 27.1	19.5	-0.83	+ 8.6	0.7/23.9	10433
4785 P-L	2001 02 23.1	10 25.91	+09 27.8	20.4	-0.78	+ 4.8	0.1/23.3	7402
1999 RX ₂₂	2001 02 23.1	10 25.92	+08 18.8	19.4	-1.02	+ 4.2	0.5/23.6	283
1993 FR ₄₅	2001 02 23.1	10 25.93	-03 24.9	18.4	-0.80	+12.9	4.8/28.1	10829
1999 VC ₄₉	2001 02 23.1	10 25.93	+01 14.4	18.3	-0.87	+ 4.1	2.8/25.7	10924
1995 UN ₃₁	2001 02 23.1	10 26.03	+23 48.7	20.2	-1.05	+ 2.0	5.7/19.5	4329
1999 TY ₁₇₃	2001 02 23.2	10 26.00	+12 56.3	20.0	-0.90	+ 5.6	1.0/22.3	10449
1998 QG ₆₂	2001 02 23.2	10 26.12	-00 10.8	18.6	-0.84	+ 2.3	3.1/26.0	10862
1999 XA ₉₇	2001 02 23.2	10 26.12	-11 59.4	18.1	-0.81	+ 2.4	6.6/01.7	9780
1999 VD ₅₈	2001 02 23.2	10 26.16	+17 50.6	19.3	-0.88	+ 4.4	2.4/20.9	10499
1999 VG ₅₀	2001 02 23.2	10 26.16	-11 19.6	19.6	-0.79	+ 4.2	6.0/02.0	40395
1999 VP	2001 02 23.2	10 26.19	+12 53.6	17.2	-0.98	+ 3.4	1.1/22.4	10921
2000 AS ₁₃₉	2001 02 23.2	10 26.24	+15 15.4	17.9	-0.90	+ 7.6	1.9/21.5	10946
1999 RA ₃₃	2001 02 23.2	10 26.27	+11 25.8	18.8	-0.97	+ 5.3	0.6/22.8	10889
2159 T-3	2001 02 23.2	10 26.36	+09 36.5	21.6	-0.98	+ 4.9	0.1/23.3	3849
1999 TZ ₂₇₂	2001 02 23.3	10 26.33	+15 23.0	19.8	-1.04	+ 3.8	1.9/21.8	4533
1995 UG	2001 02 23.3	10 26.36	+03 48.5	19.6	-0.92	+ 5.5	1.8/25.1	10832
2001 AM ₁₇	2001 02 23.3	10 26.40	+12 06.5	17.1	-0.99	+ 3.5	1.1/22.7	11025
2000 AH ₁₃₉	2001 02 23.3	10 26.42	+03 06.3	18.5	-0.84	+ 7.5	2.3/25.4	10583
1999 VS ₁₆₀	2001 02 23.3	10 26.45	+16 04.0	18.1	-1.10	+ 3.7	2.6/21.6	10929
2001 BE ₃₄	2001 02 23.3	10 26.45	+08 51.1	17.1	-0.89	+ 2.1	0.3/23.6	10705
2001 CJ ₄	2001 02 23.3	10 26.47	+18 43.9	17.4	-0.95	+ 7.8	3.4/20.4	10746

1999 XO ₅₆	2001 02 23.3	10 26.51 +15 59.9 19.0	-0.79 + 4.7	1.6/21.4	38839	2000 AU ₁₀₃	2001 02 23.7	10 28.23 +26 13.9 18.0	-0.90 + 7.6	5.3/18.1	10582
1999 VF ₁₀₆	2001 02 23.3	10 26.51 +11 30.4 21.2	-0.95 + 5.2	0.5/22.8	10927	1999 US ₄₉	2001 02 23.7	10 28.25 +12 14.0 19.7	-0.89 + 6.4	0.9/23.0	10920
1998 SO ₁₃	2001 02 23.3	10 26.51 +09 38.5 16.8	-0.72 + 8.2	0.0/23.4	10867	3856 T-3	2001 02 23.7	10 28.28 +01 12.6 18.5	-0.74 + 6.9	2.6/26.5	11067
2000 AR ₅₁	2001 02 23.3	10 26.55 +05 12.9 17.2	-1.06 + 3.1	1.8/24.5	10944	1999 XH ₅₆	2001 02 23.8	10 28.24 +32 49.8 20.2	-0.87 + 4.1	5.9/16.4	2213
1998 RB ₁₃	2001 02 23.3	10 26.56 +10 56.6 20.0	-0.76 + 4.2	0.3/23.0	10333	1992 RL ₃	2001 02 23.8	10 28.29 +07 29.8 19.7	-0.99 + 7.6	0.7/24.4	36881
1989 NA	2001 02 23.3	10 26.61 +26 54.9 20.4	-0.95 + 6.6	4.5/17.7	35681	2000 AP ₆₈	2001 02 23.8	10 28.29 +29 14.4 17.4	-0.84 + 5.5	6.0/17.3	10944
1999 VK ₁₈₆	2001 02 23.3	10 26.61 -01 26.7 18.4	-0.75 + 6.2	3.5/27.0	2689	1999 XD ₁₀₅	2001 02 23.8	10 28.32 +13 34.1 18.0	-0.76 + 7.6	1.2/22.5	10937
1999 MV ₁	2001 02 23.3	10 26.68 +11 53.9 20.0	-1.05 + 6.2	0.7/22.8	37289	1999 VQ ₅₀	2001 02 23.8	10 28.33 +29 00.8 18.8	-0.93 + 3.2	5.8/18.0	1524
1998 QE ₃₁	2001 02 23.3	10 26.69 +09 31.1 19.0	-0.85 + 2.9	0.1/23.4	10860	1999 TP ₂₅	2001 02 23.8	10 28.34 +15 00.6 19.0	-0.99 + 3.8	2.0/22.3	10905
1999 TS ₁₈₄	2001 02 23.3	10 26.80 +25 06.6 19.2	-1.24 - 1.7	5.1/20.1	10451	1999 UV ₄₇	2001 02 23.8	10 28.34 +15 11.5 19.3	-1.11 + 3.5	2.0/22.4	10477
2001 DW ₅₁	2001 02 23.4	10 26.70 +25 58.3 18.4	-0.83 + 4.1	4.4/18.3	10810	1999 XZ ₆₀	2001 02 23.8	10 28.35 -06 08.8 19.3	-0.85 + 4.9	4.5/28.6	40412
1999 TP ₁₅₅	2001 02 23.4	10 26.82 +03 42.8 19.4	-0.91 + 7.0	1.9/25.3	1497	1999 VG ₂₃	2001 02 23.8	10 28.38 +02 27.9 19.9	-0.96 + 5.3	2.3/25.9	38105
1999 TW ₁₂₈	2001 02 23.4	10 26.85 +07 51.5 18.5	-0.94 + 4.3	0.7/24.0	10442	1998 QB ₄₉	2001 02 23.8	10 28.38 +07 48.5 18.0	-0.80 +10.7	0.6/24.4	10330
1998 QR ₇₁	2001 02 23.4	10 26.92 -03 56.9 18.1	-0.77 + 3.5	3.8/27.5	10862	1999 TP ₂₂₁	2001 02 23.8	10 28.39 +09 59.6 19.4	-0.93 + 7.8	0.1/23.7	2670
2001 DZ ₁₄	2001 02 23.4	10 26.94 +08 31.7 16.3	-0.82 +13.0	0.5/23.9	10795	2000 AR ₁₉₉	2001 02 23.8	10 28.41 +02 31.2 18.3	-0.81 + 9.5	2.2/26.2	10948
2001 BG ₃₄	2001 02 23.4	10 26.99 +07 03.4 17.9	-0.86 + 2.4	0.8/24.2	10705	1999 RP ₁₈₂	2001 02 23.8	10 28.43 +08 47.1 18.0	-0.95 + 3.4	0.3/24.1	10898
1999 TZ ₁₄	2001 02 23.4	10 27.05 +03 58.1 18.5	-0.96 + 7.8	1.9/25.2	10904	1993 TG ₁₈	2001 02 23.8	10 28.45 +05 54.6 18.6	-0.75 + 5.7	1.1/25.0	10830
1998 QX ₁₀	2001 02 23.4	10 27.05 +17 15.3 16.9	-0.77 + 7.1	2.2/21.0	10859	1999 VB ₅₆	2001 02 23.8	10 28.47 -03 08.8 19.4	-0.86 + 6.3	4.1/27.8	2682
1999 RL ₁₀₆	2001 02 23.4	10 27.09 +02 24.0 20.3	-1.02 + 4.7	2.5/25.5	1454	1999 UG ₅₃	2001 02 23.8	10 28.49 +06 40.5 18.3	-1.01 + 2.3	0.9/24.6	10921
1999 UO ₈	2001 02 23.4	10 27.14 +07 24.3 19.7	-0.93 + 5.6	0.7/24.2	1514	1999 VJ ₉₄	2001 02 23.8	10 28.63 +13 13.1 19.0	-0.92 + 4.9	1.3/22.8	10927
1999 TD ₂₈	2001 02 23.4	10 27.15 +11 56.1 19.5	-1.01 + 5.1	0.7/22.9	2659	1999 SX ₄	2001 02 23.9	10 28.60 +10 37.7 19.2	-0.86 + 6.3	0.3/23.6	10407
1999 VT ₁₅₉	2001 02 23.5	10 27.14 -07 54.0 17.7	-0.75 + 5.7	6.2/01.4	10928	2000 YT ₆₈	2001 02 23.9	10 28.63 +11 09.7 18.3	-0.86 + 8.9	0.7/23.4	11017
1993 SH ₅	2001 02 23.5	10 27.22 +10 48.5 20.5	-0.77 + 4.4	0.3/23.2	5399	1998 HK ₉₄	2001 02 23.9	10 28.68 +06 41.9 19.2	-0.95 + 5.6	0.9/24.7	10853
5091 T-2	2001 02 23.5	10 27.24 +01 02.9 19.7	-0.97 + 4.5	2.9/26.0	1667	2001 DY ₅₁	2001 02 23.9	10 28.69 +25 45.8 18.5	-0.83 + 4.2	4.7/18.8	10810
1999 UB ₄₄	2001 02 23.5	10 27.46 +04 09.7 18.0	-0.88 + 4.0	2.1/25.2	10920	1999 XO ₂₁	2001 02 23.9	10 28.82 +07 47.2 19.1	-0.81 + 6.6	0.5/24.5	10534
1999 RS ₃₂	2001 02 23.5	10 27.50 +10 29.5 19.4	-1.09 + 3.7	0.3/23.4	10366	1999 VM ₈₈	2001 02 23.9	10 28.86 +17 50.8 19.2	-1.01 + 4.8	2.8/21.6	10926
1999 VO ₅₀	2001 02 23.6	10 27.46 +11 29.4 17.1	-0.84 + 4.3	0.6/23.1	10924	1999 TD ₂₃₆	2001 02 23.9	10 28.87 +21 40.6 18.4	-1.01 + 3.8	4.6/20.5	10460
1999 RY ₁₈₈	2001 02 23.6	10 27.47 +13 30.0 21.1	-1.07 + 4.7	1.3/22.6	40370	1999 WN ₁	2001 02 23.9	10 28.89 +25 09.3 18.7	-0.85 + 4.8	4.9/19.0	10931
1998 SA ₄₄	2001 02 23.6	10 27.54 +11 10.7 20.3	-0.75 + 4.1	0.4/23.2	10337	1998 HL ₃₄	2001 02 23.9	10 28.90 +16 32.9 18.9	-1.05 + 5.7	2.5/21.9	10851
1998 FW ₃₉	2001 02 23.6	10 27.59 +01 58.9 19.0	-1.02 + 7.0	3.1/25.9	10846	2000 YG ₆₈	2001 02 23.9	10 28.90 +11 09.9 17.2	-0.83 + 7.6	0.7/23.4	11017
1999 XL ₁₁₇	2001 02 23.6	10 27.59 -00 43.8 17.6	-1.05 + 3.3	4.1/26.3	10938	1999 TH ₂₇	2001 02 23.9	10 28.90 +17 41.0 19.5	-0.90 + 3.7	2.4/21.6	40381
1999 RT ₁₈₇	2001 02 23.6	10 27.65 +05 32.4 17.6	-0.74 +13.5	1.6/25.2	10397	1999 VM ₆₆	2001 02 23.9	10 29.01 +06 43.2 20.5	-0.94 + 6.0	0.9/24.8	3460
1999 TV ₅₈	2001 02 23.6	10 27.69 +10 23.6 19.2	-0.81 + 5.6	0.2/23.4	10907	1999 XC ₉₀	2001 02 23.9	10 29.02 -10 31.4 17.4	-0.82 + 1.8	5.6/01.5	10937
1999 TV ₈₇	2001 02 23.6	10 27.69 +26 58.9 19.7	-0.88 + 4.4	5.3/18.3	1481	1999 XM ₁₃	2001 02 23.9	10 29.02 +05 50.1 18.6	-0.81 + 7.0	1.2/25.2	10933
1999 XV ₁₃₇	2001 02 23.6	10 27.71 +40 15.5 17.3	-1.12 + 2.7	10.6/13.4	10939	2001 DN ₂₇	2001 02 23.9	10 29.03 +16 41.9 17.8	-0.94 + 3.6	2.7/22.0	10801
1999 VA ₈₆	2001 02 23.6	10 27.79 +17 21.0 20.5	-1.02 + 4.8	2.4/21.5	40399	2001 CG ₄₄	2001 02 23.9	10 29.07 +28 20.8 18.9	-0.98 + 0.8	5.6/18.8	10787
1999 XM ₁₂₅	2001 02 23.6	10 27.80 +25 07.0 18.9	-0.91 + 3.1	4.8/19.1	10557	1999 SF ₆	2001 02 24.0	10 29.00 +20 58.1 18.9	-1.06 + 4.2	4.2/20.8	10902
1999 TQ ₉₈	2001 02 23.6	10 27.80 +26 24.6 18.1	-0.96 + 3.9	5.3/18.8	10908	1999 VR ₁₇₆	2001 02 24.0	10 29.00 -10 12.4 17.8	-0.81 + 8.2	7.4/03.0	10929
2001 CC ₄	2001 02 23.6	10 27.80 +16 44.4 18.3	-0.75 + 8.4	2.2/21.3	10745	2001 DR ₉	2001 02 24.0	10 29.02 +21 47.1 17.3	-0.99 + 1.2	3.7/20.7	11052
4148 P-L	2001 02 23.6	10 27.92 +10 48.7 18.1	-0.95 + 3.1	0.5/23.4	11064	1999 TG ₁₀₅	2001 02 24.0	10 29.04 +37 36.1 17.7	-1.33 - 1.0	10.7/16.5	10909
1999 RF ₃	2001 02 23.6	10 27.93 +11 21.1 19.3	-1.05 + 4.5	0.6/23.2	10887	1978 VN ₁₀	2001 02 24.0	10 29.07 +05 36.7 17.9	-0.78 + 5.3	1.3/25.2	10823
1999 XS ₁₈₁	2001 02 23.7	10 27.89 -12 00.9 17.9	-1.01 + 0.8	8.1/01.2	10564	1999 TK ₁₁₉	2001 02 24.0	10 29.16 +04 58.0 19.0	-1.02 + 7.4	1.9/25.4	9759
1999 TU ₂₅	2001 02 23.7	10 27.91 +10 51.9 20.9	-0.97 + 5.3	0.4/23.4	10905	1999 RC ₉₀	2001 02 24.0	10 29.27 +14 44.0 18.0	-0.90 + 5.8	2.0/22.5	10892
1998 QL ₈₇	2001 02 23.7	10 27.94 -05 24.5 18.5	-0.82 + 5.5	4.5/28.4	10863	1999 RC ₁₆₄	2001 02 24.0	10 29.42 +08 52.2 18.5	-0.98 + 3.7	0.2/24.3	10393
2000 YR ₆₈	2001 02 23.7	10 27.94 +05 30.2 18.0	-0.90 + 3.0	1.8/24.9	11017	1999 RV ₁₁₅	2001 02 24.0	10 29.45 +07 13.7 19.7	-1.03 + 4.8	0.8/24.7	1456
2001 DB ₁₅	2001 02 23.7	10 28.02 +07 55.3 17.3	-0.97 + 2.7	0.7/24.2	10796	1999 TQ ₂₈₀	2001 02 24.0	10 29.45 +11 25.0 20.3	-0.98 + 6.6	0.7/23.5	10465
2001 DC ₂₇	2001 02 23.7	10 28.03 +11 31.0 19.0	-0.88 + 4.0	0.6/23.2	10801	2001 CL ₄	2001 02 24.1	10 29.43 +14 45.3 17.4	-0.97 + 1.7	2.1/22.7	10746
1999 TM ₁₁₁	2001 02 23.7	10 28.16 +02 01.9 18.6	-0.93 + 5.7	2.6/26.0	10436	1998 KC ₁₆	2001 02 24.1	10 29.48 +20 25.9 18.0	-1.04 + 7.2	4.7/20.7	10855
1999 TW ₁₄₀	2001 02 23.7	10 28.17 +15 40.4 17.7	-0.92 + 3.4	2.2/22.1	10911	1999 TA ₃₇	2001 02 24.1	10 29.49 -01 22.6 19.3	-0.80 + 9.3	3.4/28.0	10906
1998 QU ₈₅	2001 02 23.7	10 28.17 +01 14.1 17.5	-0.88 + 1.4	2.4/26.0	10863	1999 TG ₁₃₉	2001 02 24.1	10 29.50 +10 48.7 18.1	-0.97 + 4.3	0.6/23.8	10911
1998 HE ₃₂	2001 02 23.7	10 28.21 +06 35.3 18.5	-1.04 + 6.0	1.1/24.6	10851	1999 TP ₂₁	2001 02 24.1	10 29.52 +30 57.3 20.0	-0.89 + 3.0	5.7/17.7	40380

1999 RS ₂₁₉	2001 02 24.1	10 29.55 +20 32.1 19.4	-1.07 + 4.4	3.9/21.0	10900	1998 RK ₄₆	2001 02 24.4	10 30.72 +05 46.4 19.9	-0.76 + 3.9	0.9/25.5	10865
1993 FB ₄₂	2001 02 24.1	10 29.56 +15 04.2 18.0	-1.01 + 2.8	2.4/22.7	10829	1999 TN ₁₁	2001 02 24.4	10 30.75 +37 23.8 19.0	-1.08 + 7.3	8.2/14.9	38808
1999 RF ₈₇	2001 02 24.1	10 29.56 +16 17.5 19.5	-1.06 + 2.0	2.2/22.4	40361	1998 QE ₄	2001 02 24.4	10 30.85 +20 00.4 18.6	-0.78 + 6.3	3.0/21.0	10859
1999 RD ₂₀	2001 02 24.1	10 29.61 +10 21.6 18.2	-1.04 + 2.1	0.3/23.9	10888	1999 XV ₁₁₄	2001 02 24.4	10 30.86 +03 58.2 16.0	-1.04 + 0.2	2.1/25.8	10938
1998 SX ₁₄₂	2001 02 24.1	10 29.66 +27 16.6 17.5	-1.01 + 1.4	5.4/19.1	10339	1999 VV ₉₁	2001 02 24.4	10 30.97 +28 03.7 20.9	-1.06 + 2.2	5.7/19.4	2684
1999 WQ ₈	2001 02 24.1	10 29.71 +23 24.0 19.1	-0.82 + 5.8	4.0/19.7	10526	1999 TH ₁₃₅	2001 02 24.5	10 30.92 +16 10.8 17.3	-1.01 + 2.3	2.8/22.7	10910
1998 QW ₁₀₂	2001 02 24.1	10 29.79 +10 40.0 19.0	-0.75 + 6.1	0.3/23.8	9718	1999 VW ₁₁₃	2001 02 24.5	10 30.95 +11 01.8 19.2	-1.02 + 3.2	0.6/24.1	10508
1999 UV ₂₃	2001 02 24.1	10 29.81 +15 49.8 17.3	-1.06 + 0.2	2.6/22.7	10919	1999 TV ₁₁₅	2001 02 24.5	10 30.97 -00 24.8 20.8	-0.90 + 6.8	3.0/27.5	659
1992 PK ₁	2001 02 24.1	10 29.84 +04 51.2 18.6	-1.08 + 3.6	1.7/25.4	10827	2001 BU ₆₁	2001 02 24.5	10 31.00 +09 28.0 17.0	-1.18 - 1.4	0.0/24.5	10720
1999 XS ₂₂₆	2001 02 24.2	10 29.76 +12 31.5 18.9	-0.53 + 3.0	0.6/23.2	10568	2001 CP ₄₀	2001 02 24.5	10 31.08 +30 59.4 18.5	-1.08 + 3.1	8.0/18.3	10786
1996 XE ₉	2001 02 24.2	10 29.77 -00 29.4 18.4	-1.00 + 5.2	4.0/27.1	10836	1999 RM ₇₆	2001 02 24.5	10 31.08 +07 02.7 19.7	-0.94 + 7.1	0.7/25.2	40361
1998 QS ₃₃	2001 02 24.2	10 29.78 +01 14.8 18.7	-0.77 + 4.4	2.4/26.7	10860	1999 UK ₄₄	2001 02 24.5	10 31.09 +27 32.1 19.3	-1.01 + 3.0	5.6/19.3	1518
1999 TC ₁₂₇	2001 02 24.2	10 29.78 +11 03.7 18.2	-1.00 + 8.7	0.7/23.7	10910	1999 VV ₈	2001 02 24.5	10 31.19 +18 00.8 19.7	-1.04 + 5.6	2.8/22.0	40389
1991 PE ₂	2001 02 24.2	10 29.79 +11 27.0 20.2	-0.95 + 5.1	0.6/23.6	10826	1998 RT	2001 02 24.5	10 31.20 -10 12.5 18.5	-0.87 + 5.9	6.5/02.7	10864
2000 AR ₂₃₃	2001 02 24.2	10 29.82 +35 21.7 18.1	-0.98 + 3.9	7.9/16.0	10949	1999 WF ₄	2001 02 24.5	10 31.29 -03 16.8 18.6	-0.74 + 5.1	3.5/28.6	10931
1999 VL ₈₇	2001 02 24.2	10 29.83 +01 32.9 19.6	-0.95 + 5.5	2.5/26.5	2169	1999 TQ ₁₅₂	2001 02 24.5	10 31.33 +05 59.6 20.5	-0.85 + 6.5	1.0/25.6	3447
2001 DC ₁₅	2001 02 24.2	10 29.90 +07 47.4 15.9	-0.77 +20.0	0.6/24.9	10796	1998 HH ₈₆	2001 02 24.5	10 31.35 -00 35.2 19.6	-0.97 + 7.0	4.0/27.6	4913
1999 TZ	2001 02 24.2	10 29.94 +05 31.9 19.9	-0.88 + 6.2	1.1/25.4	2105	1999 XF ₁₁₇	2001 02 24.6	10 31.45 -03 04.9 19.0	-1.01 + 4.3	4.3/28.0	1555
1999 UO ₄₅	2001 02 24.2	10 29.95 +00 51.4 18.0	-1.03 + 3.5	3.5/26.5	10920	1999 RU ₁	2001 02 24.6	10 31.45 +09 32.4 20.3	-0.98 + 5.9	0.1/24.6	10887
2000 XE ₁₅	2001 02 24.2	10 29.97 +54 34.8 17.5	-1.30 - 0.3	17.7/11.3	11009	1999 XX ₁₀₈	2001 02 24.6	10 31.46 -06 17.7 18.9	-0.83 + 6.2	5.2/01.6	1554
1999 RQ ₉₃	2001 02 24.2	10 29.98 +14 02.0 20.1	-0.99 + 5.4	1.5/22.9	40362	1999 UG ₄₆	2001 02 24.6	10 31.53 +13 23.9 20.1	-1.08 + 3.8	1.5/23.5	10920
2000 AZ ₂₄₀	2001 02 24.2	10 30.01 +00 06.0 19.5	-0.81 + 7.3	2.5/27.3	5697	1999 XL ₁₅₅	2001 02 24.6	10 31.56 -04 16.9 19.5	-0.94 + 5.7	4.3/28.7	10940
1999 VW ₁₅₉	2001 02 24.2	10 30.05 +14 25.5 18.1	-0.93 + 3.6	1.8/22.9	10928	1996 AG ₁₀	2001 02 24.6	10 31.57 +05 05.7 19.9	-0.84 + 4.8	1.3/25.9	1903
1998 FX ₇₈	2001 02 24.2	10 30.09 +10 46.2 18.5	-0.96 + 8.3	0.5/23.8	10848	1998 QK ₇₆	2001 02 24.6	10 31.57 -09 16.6 18.5	-0.83 + 5.5	5.6/02.4	10863
1416 T-2	2001 02 24.2	10 30.14 +00 58.9 19.6	-0.48 + 4.0	1.5/27.1	35672	1999 PO ₄	2001 02 24.6	10 31.62 +17 36.2 19.4	-1.11 + 1.3	2.5/22.6	10357
2000 YP ₁₈	2001 02 24.3	10 30.15 +03 18.3 16.5	-0.91 + 0.9	2.9/25.9	11013	1999 VS ₁₇₈	2001 02 24.6	10 31.64 +06 22.4 19.5	-0.81 + 7.0	0.8/25.6	2688
1988 QO	2001 02 24.3	10 30.16 +03 57.0 19.6	-1.01 + 5.3	1.8/25.8	9665	2001 BG ₇₂	2001 02 24.6	10 31.67 -05 27.8 17.3	-0.87 + 3.5	5.6/29.0	10731
1997 UJ	2001 02 24.3	10 30.21 -03 58.9 19.2	-0.49 + 3.3	2.4/28.8	10842	1999 XZ ₁₂₆	2001 02 24.6	10 31.67 +24 34.4 18.8	-0.89 + 3.6	4.7/20.1	10558
2001 DO ₅	2001 02 24.3	10 30.22 +20 34.4 18.6	-0.84 + 2.8	3.2/21.1	10790	1998 FW ₁₁₈	2001 02 24.6	10 31.70 +01 19.8 18.5	-1.00 + 5.7	2.8/20.7	10849
1999 XX ₁₁₇	2001 02 24.3	10 30.25 +05 32.8 20.7	-0.89 + 4.4	1.1/25.4	2699	1998 MS ₂₈	2001 02 24.7	10 31.65 -06 29.9 18.7	-0.82 + 3.9	4.2/01.4	40327
1999 TP ₂₇	2001 02 24.3	10 30.32 +13 07.6 18.0	-0.90 + 4.4	1.3/23.3	10905	1998 QS ₅₃	2001 02 24.7	10 31.70 -01 13.5 18.8	-0.74 + 5.7	2.8/28.1	37729
1998 KM ₄	2001 02 24.3	10 30.33 +18 08.4 18.1	-1.02 + 7.5	3.6/21.6	10855	4818 P-L	2001 02 24.7	10 31.70 +13 34.5 18.2	-0.87 + 3.3	1.4/23.5	10814
1999 XV ₂₃₃	2001 02 24.3	10 30.43 +05 34.3 19.0	-0.90 + 7.4	1.3/25.5	10942	1988 RO ₆	2001 02 24.7	10 31.78 +11 58.7 17.2	-1.06 + 3.6	1.0/24.0	10825
1999 TC ₁₂₂	2001 02 24.3	10 30.45 +04 38.7 18.1	-0.91 + 5.2	1.7/25.8	1489	2000 AH ₁₇₇	2001 02 24.7	10 31.79 +16 46.4 17.6	-0.77 + 7.3	2.2/22.2	10947
2001 CL	2001 02 24.3	10 30.50 +15 33.5 17.2	-0.87 + 2.4	1.9/22.7	10739	1999 VR ₃₀	2001 02 24.7	10 31.83 +08 05.2 18.7	-0.79 + 4.8	0.3/25.1	10923
2000 YP ₆₈	2001 02 24.3	10 30.53 +08 44.1 17.9	-0.88 + 7.0	0.3/24.6	10656	2001 DS ₉	2001 02 24.7	10 31.84 +22 08.4 19.3	-0.79 + 4.6	3.8/20.7	10793
1998 SF ₇₉	2001 02 24.3	10 30.57 +22 35.2 19.5	-0.86 + 3.1	3.6/20.5	10869	2001 DT ₉	2001 02 24.7	10 31.85 +22 51.6 18.1	-0.87 + 9.0	4.5/20.1	10793
1999 UD ₂₄	2001 02 24.3	10 30.57 +07 54.0 19.4	-1.00 + 3.9	0.5/24.8	2676	2001 CT ₄	2001 02 24.7	10 31.87 +14 42.1 17.8	-1.05 + 4.8	2.3/23.2	10746
1999 RO ₃₂	2001 02 24.3	10 30.59 +19 06.5 17.0	-1.03 - 0.2	3.6/22.1	10889	1993 FY ₈₀	2001 02 24.7	10 31.90 +10 44.8 19.0	-0.89 + 5.8	0.5/24.3	10829
2000 AG ₆₈	2001 02 24.4	10 30.51 +34 16.6 19.0	-1.00 + 5.4	7.6/16.1	10944	1999 VV ₃₃	2001 02 24.7	10 32.00 +07 32.6 17.8	-0.82 + 5.2	0.5/25.3	10923
1999 XD ₅₀	2001 02 24.4	10 30.51 +06 53.0 20.4	-0.93 + 5.6	0.8/25.1	10935	1998 HT ₃	2001 02 24.7	10 32.04 +14 59.9 19.9	-1.00 + 6.8	2.0/23.0	10850
2000 AN ₆	2001 02 24.4	10 30.52 +21 22.6 18.4	-0.52 + 4.0	2.2/20.3	10943	1999 RU ₁₄₈	2001 02 24.7	10 32.08 +06 54.8 18.4	-0.97 + 7.9	0.9/25.5	10895
1998 WY ₈	2001 02 24.4	10 30.56 +04 29.3 18.0	-0.51 + 2.8	0.9/26.0	10874	1998 QL ₄₃	2001 02 24.7	10 32.09 +17 09.2 18.5	-0.88 + 2.7	2.4/22.5	10861
1998 QO ₁	2001 02 24.4	10 30.56 +12 31.0 17.4	-0.85 + 7.9	1.0/23.4	10859	1999 UE ₁	2001 02 24.7	10 32.12 +14 47.4 18.9	-1.03 + 5.9	2.0/23.2	10917
1999 VT ₁₈₈	2001 02 24.4	10 30.59 +02 35.9 18.9	-0.78 + 6.0	2.2/26.5	10930	1999 XZ ₁₀₇	2001 02 24.8	10 32.03 +08 09.2 19.6	-0.84 + 5.6	0.3/25.1	10937
1998 SC ₅₈	2001 02 24.4	10 30.59 +33 02.9 18.8	-1.01 + 0.6	6.4/17.7	10869	1999 TQ ₂₆	2001 02 24.8	10 32.04 +08 47.3 17.8	-0.91 + 4.8	0.2/24.9	10905
1999 XU ₇₆	2001 02 24.4	10 30.59 -04 40.1 18.7	-0.78 + 3.8	4.0/28.6	10936	1999 TW ₂₂₀	2001 02 24.8	10 32.04 +00 17.3 19.1	-0.97 + 4.9	3.1/27.4	2670
1999 XG ₂₃₉	2001 02 24.4	10 30.64 +35 14.7 18.3	-1.06 + 5.4	9.2/15.6	10942	1999 VV ₁₇₂	2001 02 24.8	10 32.04 +25 57.6 18.7	-0.83 + 4.5	4.4/19.5	10517
1999 TQ ₁₉₆	2001 02 24.4	10 30.68 +17 06.6 18.8	-0.91 + 2.2	2.4/22.3	10913	2000 YM ₁₃₉	2001 02 24.8	10 32.06 +02 03.1 16.8	-0.87 + 4.0	3.2/26.9	11023
1990 RK ₁	2001 02 24.4	10 30.70 +18 34.0 17.9	-1.03 + 1.8	2.9/22.1	10826	1999 XO ₂₀	2001 02 24.8	10 32.08 +22 20.3 18.2	-1.02 + 5.6	4.9/20.8	10934
2001 BT ₆₁	2001 02 24.4	10 30.72 +10 22.8 17.6	-1.10 + 0.6	0.4/24.2	10720	1999 RT ₂₈	2001 02 24.8	10 32.12 +22 54.6 19.7	-1.09 + 1.6	4.5/21.3	40357

1999 RM ₁₂₉	2001 02 24.8	10 32.13 +09 51.0 19.0	-1.04 + 4.3	0.2/24.6	10386	4074 T-2	2001 02 25.0	10 33.07 +12 36.0 21.9	-0.90 + 5.1	1.0/24.0	2590
1999 XX ₅₃	2001 02 24.8	10 32.16 +07 48.6 18.6	-0.84 + 5.7	0.4/25.3	10935	1999 WB	2001 02 25.0	10 33.08 -11 46.1 18.4	-0.84 + 5.3	6.3/03.8	9775
1999 XB ₄₉	2001 02 24.8	10 32.17 -03 07.8 18.3	-0.93 + 5.0	4.3/28.4	40411	1998 QW ₄₈	2001 02 25.0	10 33.10 +06 20.1 17.0	-0.80 + 9.8	0.9/26.0	10862
1999 TE ₁₅₂	2001 02 24.8	10 32.17 +13 55.1 18.4	-0.91 + 6.6	1.7/23.4	10445	2001 DP ₅	2001 02 25.0	10 33.13 +20 50.5 18.4	-0.57 + 2.2	2.2/21.4	10791
1999 UY ₃₂	2001 02 24.8	10 32.30 +16 57.9 20.1	-1.07 + 5.1	2.7/22.7	3453	1999 RU ₁₈₄	2001 02 25.0	10 33.16 +17 22.5 21.2	-1.06 + 4.4	2.7/22.8	40370
2000 AJ ₅₂	2001 02 24.8	10 32.39 +11 07.9 19.3	-0.95 + 3.9	0.6/24.3	10576	1999 XL ₄₅	2001 02 25.0	10 33.20 +19 46.5 19.5	-1.07 + 6.1	3.5/21.9	10935
1999 VQ ₁₈₆	2001 02 24.8	10 32.40 +12 02.1 19.1	-0.86 + 5.9	0.9/24.0	10519	1999 RY ₁₅₅	2001 02 25.0	10 33.22 +05 18.5 19.6	-1.05 + 4.9	1.3/26.1	37299
1999 VT ₅₆	2001 02 24.8	10 32.40 +09 28.1 19.6	-0.91 + 5.7	0.1/24.8	10498	1999 TC ₁₉₇	2001 02 25.0	10 33.24 +18 53.8 18.7	-0.94 + 3.9	3.3/22.3	10914
1999 RV ₂₂	2001 02 24.8	10 32.41 +07 52.8 17.4	-1.05 + 3.3	0.5/25.2	10888	1999 TA ₁₇	2001 02 25.1	10 33.16 +10 02.0 19.3	-0.81 + 5.6	0.3/24.8	10421
2000 YN ₃₄	2001 02 24.8	10 32.42 +10 15.4 16.3	-0.65 +12.5	0.5/24.5	11014	1998 FX ₁₁₅	2001 02 25.1	10 33.19 +02 28.3 17.8	-1.09 + 2.4	3.2/26.8	10849
1999 RN ₃₅	2001 02 24.8	10 32.43 +04 20.2 19.0	-0.94 + 8.0	1.7/26.4	10889	1998 RB ₅₃	2001 02 25.1	10 33.21 +17 29.3 18.7	-1.03 + 2.3	2.9/22.9	10865
2000 AH ₁₃₈	2001 02 24.8	10 32.50 +47 45.9 17.1	-1.14 + 0.2	13.0/12.1	10946	1999 XD ₁₄	2001 02 25.1	10 33.21 -03 41.6 19.7	-0.88 + 6.7	3.9/01.1	10933
1999 VF ₁₇₇	2001 02 24.9	10 32.41 -16 53.5 18.8	-0.80 + 9.1	8.8/06.5	10518	1999 XZ ₁₂₀	2001 02 25.1	10 33.22 +07 47.6 19.3	-0.88 + 4.5	0.4/25.5	2699
4558 P-L	2001 02 24.9	10 32.41 +13 35.3 19.0	-0.83 + 3.6	1.4/23.6	576	2001 BY ₅₉	2001 02 25.1	10 33.23 +09 01.7 16.4	-0.63 +13.0	0.0/25.1	11038
2000 AV ₁₅₁	2001 02 24.9	10 32.44 +20 15.3 18.8	-1.02 + 6.4	3.6/21.6	10947	1998 MO ₈	2001 02 25.1	10 33.32 +12 39.3 19.1	-0.87 + 6.8	1.0/24.0	1949
1999 RA ₁₄	2001 02 24.9	10 32.49 +12 03.8 18.9	-1.00 + 4.9	1.1/24.1	10361	1999 VB ₈₇	2001 02 25.1	10 33.36 +33 14.7 19.7	-0.85 + 5.9	6.0/17.0	2683
1998 HH ₄	2001 02 24.9	10 32.56 +21 40.4 18.9	-0.99 + 5.7	4.2/21.2	10850	1999 TS ₁₅₁	2001 02 25.1	10 33.36 +06 53.5 18.0	-0.99 + 3.9	0.9/25.7	10911
1999 TV ₉₅	2001 02 24.9	10 32.57 +08 59.1 20.4	-0.95 + 7.0	0.1/25.0	5631	1999 TT ₁₈₀	2001 02 25.1	10 33.37 +14 03.4 17.5	-0.82 + 6.0	1.8/23.6	10913
1993 QS ₉	2001 02 24.9	10 32.59 +09 36.6 19.4	-0.74 + 7.3	0.1/24.8	10830	1999 XP ₂₃₀	2001 02 25.1	10 33.41 +14 56.8 18.8	-0.84 + 3.3	1.9/23.5	10569
1999 XY ₅₃	2001 02 24.9	10 32.60 +06 41.2 20.1	-0.87 + 5.6	0.7/25.7	38142	1999 VZ ₁₂₁	2001 02 25.1	10 33.42 +14 28.3 19.0	-1.00 + 6.7	2.1/23.5	10928
1998 KX ₃₄	2001 02 24.9	10 32.61 -01 04.0 18.6	-0.93 + 7.6	4.1/28.0	10856	1999 WS ₁₁	2001 02 25.1	10 33.42 +15 53.8 20.0	-1.07 + 5.2	2.4/23.2	7515
1991 PF ₁₂	2001 02 24.9	10 32.62 -00 20.7 19.3	-0.96 + 4.3	3.0/27.6	3866	1999 XS ₁₁₅	2001 02 25.1	10 33.45 +10 49.8 18.2	-1.10 + 3.5	0.7/24.7	10938
1999 RL ₂₀₆	2001 02 24.9	10 32.64 -16 05.9 19.8	-0.91 +10.6	8.3/06.1	40372	1999 VQ ₆₈	2001 02 25.1	10 33.46 +21 30.6 19.3	-1.09 + 5.5	4.3/21.5	40397
1999 TA ₉₃	2001 02 24.9	10 32.64 +20 56.7 19.5	-1.06 + 5.7	4.2/21.5	10908	1999 RK ₁₉₀	2001 02 25.1	10 33.48 +09 39.9 17.8	-1.11 + 2.9	0.3/25.0	10898
2001 DJ ₄₄	2001 02 24.9	10 32.64 +11 21.8 18.9	-1.00 + 7.5	0.9/24.3	10806	1999 VP ₇₂	2001 02 25.1	10 33.49 +11 36.6 19.9	-0.86 + 4.4	0.7/24.4	10926
1998 HD ₃₂	2001 02 24.9	10 32.67 +02 51.7 18.7	-0.97 + 6.3	2.1/26.8	9705	1997 GF ₉	2001 02 25.1	10 33.49 -07 41.1 18.2	-0.78 + 8.9	6.2/03.1	10840
2000 AY ₄₅	2001 02 24.9	10 32.68 -06 34.3 19.5	-0.77 + 3.0	4.1/01.7	3486	1998 FV ₇₈	2001 02 25.1	10 33.50 +18 06.8 17.7	-1.06 + 6.7	3.3/22.4	10848
1999 RD ₉₆	2001 02 24.9	10 32.69 +25 25.0 19.2	-1.20 + 1.1	6.0/20.9	40363	1998 RP ₈₀	2001 02 25.1	10 33.50 +00 26.7 17.9	-0.71 + 5.6	2.3/28.0	10867
1999 VU ₁₆₄	2001 02 24.9	10 32.69 +55 04.6 17.9	-1.30 + 0.1	14.7/08.0	10929	1999 TY ₁₉₇	2001 02 25.1	10 33.50 +00 45.3 18.1	-1.02 + 4.4	3.1/27.5	1174
1084 T-2	2001 02 24.9	10 32.69 +07 17.0 20.8	-0.95 + 5.7	0.6/25.5	25970	1999 XB ₃₈	2001 02 25.1	10 33.51 -06 02.8 19.2	-0.80 + 3.5	4.6/01.7	10539
1999 XD ₁₆₈	2001 02 24.9	10 32.71 +30 35.2 18.9	-0.94 + 4.4	5.9/18.2	10562	2001 DS ₂₇	2001 02 25.1	10 33.54 +16 55.6 19.5	-1.10 + 2.5	3.3/23.1	10801
2001 CQ ₄₂	2001 02 24.9	10 32.74 +10 42.5 19.2	-0.49 + 3.8	0.3/24.5	10787	1999 VH ₄₃	2001 02 25.1	10 33.55 +10 03.2 18.4	-0.83 + 4.3	0.3/24.9	10923
1999 XG ₁₂₁	2001 02 24.9	10 32.77 +08 47.4 19.3	-0.92 + 5.2	0.1/25.1	10556	2001 CD ₃₆	2001 02 25.1	10 33.60 +20 00.3 18.0	-1.05 + 3.2	4.4/22.2	10783
1999 VO ₁₆₄	2001 02 24.9	10 32.79 +12 07.6 20.9	-0.88 + 4.7	0.8/24.1	2687	1995 WP ₃	2001 02 25.2	10 33.54 +06 35.7 17.8	-0.89 + 5.5	0.8/25.9	40310
2001 BD ₆₈	2001 02 24.9	10 32.79 +08 08.8 16.6	-1.70 - 5.9	0.5/25.1	11039	1998 LF ₂	2001 02 25.2	10 33.57 +08 50.3 17.2	-0.93 + 9.0	0.1/25.3	10857
2001 BK ₄₉	2001 02 24.9	10 32.80 +05 01.7 18.3	-0.96 + 2.4	1.2/26.1	10712	2001 CF ₃₂	2001 02 25.2	10 33.59 +16 56.0 18.7	-0.93 + 4.6	2.7/22.9	10780
1999 TG ₁₅₄	2001 02 24.9	10 32.80 +29 39.6 19.7	-0.97 + 2.7	6.6/19.0	10446	1999 VO ₄	2001 02 25.2	10 33.60 +32 30.8 19.4	-1.07 + 2.5	7.6/18.4	10480
2001 DV ₅	2001 02 24.9	10 32.83 +22 58.1 17.6	-1.06 + 5.4	5.7/20.9	10791	1999 XS ₁₂₈	2001 02 25.2	10 33.61 +02 35.6 18.3	-0.91 + 3.8	2.0/27.1	37947
5121 T-3	2001 02 24.9	10 32.83 +27 03.8 19.1	-0.84 + 4.5	5.1/19.3	38746	1999 RN ₁₄	2001 02 25.2	10 33.66 +07 05.0 19.9	-1.04 + 7.2	0.8/25.8	10888
1999 TD ₃₄	2001 02 24.9	10 32.84 +29 09.2 17.8	-1.03 + 3.5	5.9/19.0	10906	2000 BU ₂₂	2001 02 25.2	10 33.75 +16 30.4 18.2	-0.51 + 3.7	1.4/22.8	10950
1998 SM ₁₄	2001 02 25.0	10 32.79 +18 48.0 18.2	-0.84 + 7.3	3.0/21.8	10867	1999 UY ₂₉	2001 02 25.2	10 33.77 +12 09.5 19.4	-0.91 + 5.3	1.2/24.3	10473
1999 TZ ₂₀₄	2001 02 25.0	10 32.82 +06 29.1 18.5	-0.89 + 4.3	0.9/25.8	10456	2000 YV ₁₀₃	2001 02 25.2	10 33.78 +18 55.4 18.1	-0.80 + 8.8	3.3/21.9	11019
1999 RG ₁₁₈	2001 02 25.0	10 32.87 +07 41.6 19.8	-0.97 + 6.8	0.5/25.5	1456	1806 T-2	2001 02 25.2	10 33.81 +08 32.9 19.2	-1.01 + 5.3	0.2/25.4	11065
2000 AG ₁	2001 02 25.0	10 32.89 -15 30.9 18.9	-1.13 + 0.8	7.8/03.4	9300	1982 UF ₈	2001 02 25.2	10 33.83 +06 22.8 18.4	-0.79 + 3.9	0.7/26.1	10824
1999 RY ₂₂₇	2001 02 25.0	10 32.94 +09 18.5 19.2	-0.92 + 5.7	0.1/25.0	10404	1999 VG ₁₇₉	2001 02 25.2	10 33.87 +19 12.8 19.3	-0.77 + 7.7	3.1/21.8	10929
2001 CD ₁₉	2001 02 25.0	10 32.94 +17 32.9 18.0	-1.04 + 3.4	2.9/22.7	10765	1997 PF	2001 02 25.3	10 33.99 +00 06.2 19.2	-0.72 + 4.5	2.3/28.0	35700
1999 RR ₉₅	2001 02 25.0	10 33.00 +14 33.3 19.4	-0.98 + 5.7	1.8/23.5	40363	1999 VO ₂₃	2001 02 25.3	10 34.04 -08 26.8 18.2	-0.82 + 7.5	5.2/03.2	9769
1999 TF ₂₂₅	2001 02 25.0	10 33.00 +04 56.9 19.4	-0.87 + 7.1	1.6/26.4	1182	1999 PA	2001 02 25.3	10 34.04 +12 22.4 19.0	-1.12 + 5.1	1.3/24.4	10887
1998 MX ₄₀	2001 02 25.0	10 33.02 +20 52.7 19.4	-0.84 + 5.4	3.1/21.3	10858	1999 WO ₉	2001 02 25.3	10 34.06 +13 55.3 18.8	-0.90 + 7.4	1.5/23.8	10527
2000 YV ₆₇	2001 02 25.0	10 33.02 +01 02.9 16.6	-1.00 + 2.3	3.7/27.2	11017	2001 CW ₄	2001 02 25.3	10 34.07 +17 20.1 18.3	-1.10 + 4.6	3.5/23.0	10747
1999 XL ₅₉	2001 02 25.0	10 33.04 +12 14.2 18.2	-0.93 + 5.5	1.0/24.1	10936	2001 DQ ₄₄	2001 02 25.3	10 34.15 +09 23.0 18.8	-0.90 + 6.4	0.2/25.2	10806

1999 VL ₁₉₉	2001 02 25.3	10 34.17 +31 18.9 17.7	-0.95 + 5.5	8.7/17.9	10930	1998 SR ₆₃	2001 02 25.7	10 35.84 +11 04.7 19.9	-0.75 + 4.6	0.5/25.1	10869
1999 XK ₆₆	2001 02 25.3	10 34.21 -00 32.4 20.0	-0.96 + 5.1	3.2/28.0	10936	1998 HJ ₁₀₁	2001 02 25.7	10 35.86 +06 37.8 19.4	-0.94 + 6.4	0.7/26.5	37279
1997 GC	2001 02 25.3	10 34.21 +13 26.2 18.4	-0.98 + 3.5	1.9/24.1	10839	2001 CC ₃₆	2001 02 25.7	10 35.86 +18 52.5 18.5	-0.95 + 3.8	4.3/22.8	10783
1998 OZ ₁₃	2001 02 25.3	10 34.23 +14 36.2 18.2	-0.85 + 9.3	1.8/23.5	10859	1999 RQ ₁₉₈	2001 02 25.7	10 35.88 +01 52.5 18.4	-0.94 + 6.8	2.5/28.0	2095
1998 HP ₁₃₉	2001 02 25.3	10 34.29 +09 28.4 16.9	-1.09 + 3.9	0.2/25.3	10854	1994 PU ₂₆	2001 02 25.8	10 35.97 +11 31.1 19.6	-0.88 + 5.9	0.8/25.0	10831
1999 TB ₂₄₀	2001 02 25.3	10 34.32 +12 59.8 19.4	-0.94 + 6.9	1.3/24.2	1186	1999 TU ₂₂₈	2001 02 25.8	10 36.00 +12 51.3 19.5	-0.90 + 6.2	1.3/24.6	10915
1999 RN ₁₇₈	2001 02 25.3	10 34.32 +09 59.6 20.2	-0.87 + 6.2	0.3/25.1	40369	1999 XM ₆₈	2001 02 25.8	10 36.01 +14 54.8 19.4	-0.89 + 5.7	1.7/24.0	10545
1999 XH ₂₉	2001 02 25.4	10 34.52 +24 53.1 16.9	-0.78 + 5.9	5.1/20.1	10934	1999 XH ₂₀	2001 02 25.8	10 36.03 +24 55.4 17.3	-0.96 + 4.3	5.8/20.9	10934
1999 VD ₁₅₄	2001 02 25.4	10 34.55 +02 37.1 18.4	-0.69 + 7.5	1.9/27.6	10928	2000 AR ₁₆	2001 02 25.8	10 36.05 +26 29.4 18.3	-0.77 + 4.4	4.6/20.0	10574
1998 QF ₁₀₃	2001 02 25.4	10 34.55 +19 18.7 18.7	-0.83 + 2.8	2.8/22.4	10864	1998 VS ₅₃	2001 02 25.8	10 36.10 +03 50.5 19.5	-0.89 + 4.2	1.3/27.3	4422
1999 RT ₈₃	2001 02 25.4	10 34.61 +14 52.9 17.2	-0.93 + 9.5	2.6/23.5	10891	1999 TO ₆₃	2001 02 25.8	10 36.11 +08 56.9 19.4	-0.94 + 6.1	0.0/25.8	10907
1995 UD ₃₄	2001 02 25.4	10 34.62 +16 29.7 18.6	-0.92 + 5.7	2.8/23.2	10833	2001 BO ₆₄	2001 02 25.8	10 36.13 +07 24.2 16.9	-0.96 + 2.8	0.5/26.3	10724
2001 AO ₁₇	2001 02 25.4	10 34.62 +02 13.9 16.1	-0.94 + 2.3	2.0/27.3	11025	1999 TG ₁₄	2001 02 25.8	10 36.17 +20 19.0 18.6	-1.03 + 4.6	3.9/22.6	10904
1998 QX	2001 02 25.4	10 34.65 +01 21.0 19.9	-0.79 +12.8	2.1/28.2	34301	1999 VC ₁₈₅	2001 02 25.8	10 36.19 +05 34.3 19.5	-0.86 + 5.8	0.9/26.9	2689
1999 XD ₁₂₇	2001 02 25.4	10 34.69 +14 03.1 19.6	-0.91 + 4.3	1.4/24.0	692	2000 AZ ₁₀₀	2001 02 25.8	10 36.20 +03 51.6 19.3	-0.85 + 6.6	1.4/27.4	1562
1998 SK ₅₂	2001 02 25.4	10 34.72 +08 59.7 19.7	-0.74 + 4.4	0.0/25.5	3898	1999 VF ₆₈	2001 02 25.8	10 36.21 +00 34.1 19.4	-0.86 + 5.7	2.6/28.4	2682
1999 TH ₂₈	2001 02 25.4	10 34.76 +07 11.3 20.5	-0.96 + 5.6	0.6/26.0	10905	1972 FC	2001 02 25.8	10 36.23 -05 10.5 16.3	-0.82 +25.6	6.2/03.8	10822
1999 XZ ₂₃₃	2001 02 25.5	10 34.73 +10 19.1 18.6	-0.82 + 6.8	0.4/25.1	10942	1999 VL ₁₇₇	2001 02 25.9	10 36.23 +03 48.3 19.1	-0.93 + 8.3	1.7/27.5	1210
1999 TZ ₉₉	2001 02 25.5	10 34.75 +10 22.2 18.7	-0.81 + 8.3	0.5/25.1	10433	2001 CS ₄	2001 02 25.9	10 36.33 +18 30.2 17.9	-1.02 +10.2	3.7/22.7	10746
1999 XN ₁₁₇	2001 02 25.5	10 34.76 +08 59.0 19.0	-0.89 + 3.6	0.0/25.5	10554	1999 TP ₂₄₈	2001 02 25.9	10 36.34 -00 26.9 19.8	-0.80 + 6.4	2.7/28.9	1190
1258 T-2	2001 02 25.5	10 34.84 +15 47.3 18.1	-1.09 + 2.1	2.9/23.8	11065	1999 RK ₁₈₁	2001 02 25.9	10 36.36 +14 42.5 17.8	-1.04 + 3.2	2.4/24.3	10898
2001 BZ ₆₆	2001 02 25.5	10 34.89 +11 48.7 18.6	-1.00 + 5.3	1.2/24.7	10726	1999 RR ₁₅₂	2001 02 25.9	10 36.38 +04 46.7 20.2	-0.90 + 6.4	1.2/27.2	40367
1999 VT ₄₉	2001 02 25.5	10 34.89 +03 28.9 19.5	-0.97 + 5.6	1.8/27.1	3458	2000 XL ₄₉	2001 02 25.9	10 36.39 +34 40.0 17.7	-0.95 + 7.3	10.3/16.4	11011
1999 VB ₂₀	2001 02 25.5	10 34.90 +11 57.9 19.1	-0.80 + 5.1	1.0/24.6	10485	1999 TD ₂₉₃	2001 02 25.9	10 36.42 -10 10.6 18.2	-0.95 + 5.1	8.2/03.6	10917
1999 TQ ₂₁	2001 02 25.5	10 34.98 +26 56.0 18.7	-0.89 + 3.7	5.6/20.0	40380	1998 QV ₆₉	2001 02 25.9	10 36.46 -02 13.3 19.4	-0.77 + 3.8	2.9/01.3	37731
1981 EN ₄₅	2001 02 25.5	10 35.00 +05 34.4 18.2	-1.08 + 5.0	1.4/26.5	10824	1999 TP ₁₈₉	2001 02 25.9	10 36.47 -00 34.5 18.0	-0.91 + 3.0	3.3/28.6	2667
1999 XA ₁₅₄	2001 02 25.5	10 35.04 +20 26.7 16.6	-0.78 + 6.6	3.3/21.7	10940	1999 VN ₆₈	2001 02 25.9	10 36.49 +35 16.1 19.2	-0.91 + 3.3	7.4/17.4	38120
1999 UQ ₄₄	2001 02 25.5	10 35.12 +12 08.7 19.9	-0.89 + 6.2	1.0/24.6	1518	1999 RS ₅₀	2001 02 25.9	10 36.50 +13 58.4 17.9	-1.00 + 6.2	1.9/24.4	10890
1999 RV ₈₅	2001 02 25.5	10 35.13 +15 26.2 19.7	-1.10 + 4.2	2.3/23.8	10891	2001 BT ₆₇	2001 02 25.9	10 36.54 +12 00.1 17.7	-0.94 + 3.9	1.3/25.1	10726
1999 XU ₁₉	2001 02 25.5	10 35.13 +25 10.2 18.4	-1.02 + 3.1	5.3/21.0	10933	1999 XV ₁₆₇	2001 02 25.9	10 36.55 -03 24.4 18.6	-0.82 + 3.4	3.5/01.6	10940
1993 QP ₆	2001 02 25.6	10 35.06 +08 08.3 18.6	-0.74 + 6.6	0.2/25.9	10829	1999 XG ₁₀₅	2001 02 26.0	10 36.61 +16 45.3 19.9	-1.03 + 4.4	2.7/23.8	1553
1997 AZ ₂	2001 02 25.6	10 35.07 +06 52.0 18.1	-1.06 + 3.3	0.7/26.2	10837	1999 TH ₂₀	2001 02 26.0	10 36.63 +12 33.5 19.2	-0.87 + 6.0	1.1/24.8	10905
1999 PF	2001 02 25.6	10 35.16 +12 42.8 19.8	-0.98 + 8.1	1.3/24.4	10356	1998 HB ₁₀₂	2001 02 26.0	10 36.63 +23 13.0 18.0	-1.14 + 4.4	6.5/21.8	10323
1998 FK ₁₁₅	2001 02 25.6	10 35.22 -01 27.6 17.8	-0.98 + 5.7	3.7/28.7	10849	1998 HG ₄₀	2001 02 26.0	10 36.64 +16 35.6 18.5	-1.08 + 5.6	3.4/23.7	10851
2000 XG ₅₀	2001 02 25.6	10 35.23 +22 35.7 18.5	-1.07 + 0.2	5.3/22.2	11012	1999 WF ₅	2001 02 26.0	10 36.64 +19 54.7 20.9	-1.08 + 4.7	3.6/22.8	2693
1994 UP ₈	2001 02 25.6	10 35.26 +07 47.1 18.7	-0.85 + 4.5	0.3/26.0	10831	1999 TP ₂₁₅	2001 02 26.0	10 36.65 +20 19.0 17.5	-0.98 + 4.6	4.4/22.6	10457
1998 QD ₄₃	2001 02 25.6	10 35.38 +11 32.9 18.4	-0.73 + 7.1	0.7/24.8	10861	1999 TJ ₁₉	2001 02 26.0	10 36.66 +12 26.6 19.4	-0.92 + 4.8	1.1/24.9	40380
1999 UH ₈	2001 02 25.6	10 35.40 +26 23.6 20.1	-0.97 + 3.4	5.2/20.5	1514	1999 TW ₄	2001 02 26.0	10 36.69 +31 07.5 19.2	-1.14 + 1.6	6.9/19.9	40376
1999 TU ₂₄₂	2001 02 25.6	10 35.42 +11 25.3 18.9	-0.85 + 8.0	0.8/24.9	10916	1999 VV ₇₀	2001 02 26.0	10 36.73 +08 18.1 19.6	-0.78 + 5.1	0.1/26.2	10502
1999 TM ₁₂₁	2001 02 25.6	10 35.42 +11 03.8 17.9	-0.89 + 6.7	0.8/25.0	10910	1999 VL ₁₉	2001 02 26.0	10 36.74 +06 00.3 19.8	-0.90 + 5.5	0.9/26.9	10922
1999 RL ₄₄	2001 02 25.7	10 35.44 +13 31.8 19.8	-1.02 + 2.4	1.4/24.5	1450	1981 DO	2001 02 26.0	10 36.75 -09 47.1 19.0	-0.86 + 6.7	6.4/04.0	10823
1995 XK ₁	2001 02 25.7	10 35.46 -08 50.7 19.1	-0.91 + 3.7	5.5/03.0	10833	1998 MH ₄₀	2001 02 26.0	10 36.75 +16 05.4 17.8	-0.78 + 8.3	2.3/23.6	10858
1996 AG ₆	2001 02 25.7	10 35.46 +08 48.7 18.8	-0.88 + 3.9	0.0/25.7	10308	1999 VY ₁₅₇	2001 02 26.0	10 36.76 +07 21.9 20.2	-0.94 + 5.4	0.4/26.5	2687
1999 RA ₂	2001 02 25.7	10 35.47 +07 34.6 18.9	-1.01 + 7.3	0.5/26.1	10887	1998 FL ₅₇	2001 02 26.0	10 36.84 +08 50.6 19.0	-1.09 + 6.2	0.0/26.0	10847
1999 XX ₂₃₃	2001 02 25.7	10 35.50 +11 52.1 19.9	-0.74 + 6.2	0.9/24.8	10570	1998 SG ₅₆	2001 02 26.0	10 36.95 +12 13.4 17.4	-0.86 + 1.8	1.0/25.1	10869
1999 TB ₆	2001 02 25.7	10 35.52 +14 47.9 19.4	-1.00 + 6.7	2.2/23.9	10414	1998 FA ₆₉	2001 02 26.0	10 36.95 +10 21.3 17.9	-1.08 + 5.2	0.6/25.6	10848
1998 QM ₉₆	2001 02 25.7	10 35.57 -01 00.1 18.0	-0.97 + 1.5	3.4/28.0	10864	1999 WH ₉	2001 02 26.0	10 36.99 +22 32.9 18.9	-1.02 + 4.7	4.7/22.0	10932
2001 BS ₄₇	2001 02 25.7	10 35.59 +05 04.8 18.3	-0.80 + 3.6	1.2/26.8	10712	1999 VN ₁₃₄	2001 02 26.0	10 37.02 +07 28.6 18.3	-0.90 + 5.2	0.5/26.5	10928
1982 UA ₆	2001 02 25.7	10 35.70 +09 17.6 19.5	-0.92 + 4.4	0.1/25.6	10824	2001 CV ₄	2001 02 26.1	10 36.98 +17 50.9 17.0	-0.90 + 6.3	3.7/23.3	10746
1999 VZ ₆₃	2001 02 25.7	10 35.76 +20 38.4 19.5	-1.07 + 5.3	4.2/22.3	37837	1999 TF ₇₄	2001 02 26.1	10 36.99 +07 45.3 20.6	-0.95 + 5.6	0.3/26.4	10907
1998 KG ₃₅	2001 02 25.7	10 35.80 +17 42.2 19.5	-0.93 + 5.5	2.7/23.1	10856	1999 XN ₂₃₀	2001 02 26.1	10 36.99 +01 55.8 18.9	-1.00 + 4.9	2.4/28.0	1559

1999 XJ ₆	2001 02 26.1	10 37.00	-13 04.9	20.0	-0.88	+ 4.6	6.7/04.9	40404	1998 KZ ₃₃	2001 02 26.4	10 38.40	+29 49.9	19.2	-0.97	+ 4.6	6.1/19.8	40326
1999 VY ₁₉₂	2001 02 26.1	10 37.00	+03 15.6	19.2	-0.89	+ 4.5	1.9/28.0	10930	2001 CA ₁₀	2001 02 26.4	10 38.41	+25 06.9	18.4	-1.08	+ 3.1	6.1/22.0	11043
2000 YK ₂₁	2001 02 26.1	10 37.01	-15 34.9	17.1	-0.81	+ 3.1	13.7/06.0	11013	2000 AY ₁₃₈	2001 02 26.4	10 38.43	+27 22.0	18.6	-0.97	+ 5.4	5.7/20.6	10946
1999 XR ₁₁₄	2001 02 26.1	10 37.10	+12 47.4	18.1	-0.88	+ 2.0	1.2/25.0	10938	1999 TR ₁₉	2001 02 26.4	10 38.43	+42 28.6	18.8	-1.02	+ 7.5	10.4/13.9	10422
1999 TE ₂	2001 02 26.1	10 37.11	+16 18.4	19.4	-1.03	+ 5.2	2.6/23.9	10903	1999 VX ₁₈₄	2001 02 26.4	10 38.44	+12 32.5	19.9	-1.01	+ 6.6	1.4/25.3	10930
1999 TW ₁₅₇	2001 02 26.1	10 37.13	+27 27.6	18.5	-0.87	+ 4.6	5.8/20.1	10447	1999 XP ₅₀	2001 02 26.4	10 38.47	+17 35.2	19.8	-0.97	+ 6.1	2.8/23.7	40411
2001 DC	2001 02 26.1	10 37.15	+04 57.9	17.8	-1.06	+ 4.7	1.7/27.2	10788	2000 AF ₁₈₇	2001 02 26.4	10 38.47	+19 05.8	18.5	-0.74	+ 7.8	3.1/22.9	10948
1999 RO ₁₈₃	2001 02 26.1	10 37.20	+14 39.5	19.2	-1.07	+ 3.3	2.2/24.6	297	1999 XD ₂₃	2001 02 26.4	10 38.50	-09 47.5	20.2	-0.85	+ 5.7	5.3/04.5	1548
1999 TW ₁₂₆	2001 02 26.1	10 37.22	+04 41.5	18.0	-0.96	+ 4.4	1.6/27.3	10910	1999 RC ₁₉₃	2001 02 26.4	10 38.55	+15 24.2	19.3	-1.08	+ 4.7	2.4/24.6	10898
1998 QL ₇₀	2001 02 26.1	10 37.24	-13 56.8	19.2	-0.70	+ 7.4	6.2/06.4	10862	1999 UW ₃	2001 02 26.5	10 38.51	+10 36.7	19.7	-0.90	+ 6.0	0.7/25.9	10467
1998 QH ₇₉	2001 02 26.1	10 37.25	-02 29.5	20.0	-0.85	+ 6.6	3.2/01.7	32770	1999 TE ₂₂₀	2001 02 26.5	10 38.52	-01 54.3	19.4	-0.95	+ 5.8	3.7/01.7	1508
2001 DW ₄₄	2001 02 26.1	10 37.27	+09 40.4	18.7	-1.09	+ 4.0	0.4/25.9	10807	1996 XO ₁₅	2001 02 26.5	10 38.65	+07 44.0	17.7	-0.93	+ 5.3	0.4/26.8	10836
1999 TV ₃₆	2001 02 26.1	10 37.36	+02 42.0	18.9	-1.07	+ 5.0	2.2/27.8	654	2000 YN ₆₈	2001 02 26.5	10 38.66	+05 36.7	16.7	-0.86	+10.4	1.3/27.6	11017
1999 SR ₂	2001 02 26.1	10 37.36	+18 15.5	18.0	-0.93	+ 8.0	3.7/23.1	10902	1999 VO ₄₀	2001 02 26.5	10 38.69	+16 47.8	19.6	-1.11	+ 4.9	3.0/24.2	2681
1999 TW ₉	2001 02 26.1	10 37.41	+08 17.4	19.3	-0.97	+ 5.2	0.1/26.3	40378	1998 ME ₃₅	2001 02 26.5	10 38.75	-08 40.6	19.2	-0.90	+ 2.7	5.1/03.5	10858
1999 XE ₂₅	2001 02 26.2	10 37.33	+08 30.1	18.0	-0.84	+ 6.1	0.1/26.3	10934	2001 CY ₄	2001 02 26.5	10 38.78	+16 11.2	16.3	-0.99	+ 3.1	3.6/24.5	11042
1999 XP ₁₂₁	2001 02 26.2	10 37.34	+10 08.1	18.8	-0.84	+ 4.3	0.5/25.8	10938	1999 XA ₁₅₆	2001 02 26.5	10 38.80	+18 19.3	19.5	-0.90	+ 6.9	3.1/23.4	10940
1999 WT ₁₁	2001 02 26.2	10 37.35	+31 13.9	19.9	-1.11	+ 2.2	7.3/19.8	10932	1999 TF ₂₆	2001 02 26.5	10 38.86	+03 25.6	18.9	-0.85	+ 5.8	1.7/28.2	10905
1999 UE ₃₉	2001 02 26.2	10 37.43	+12 13.8	19.0	-1.05	+ 3.8	1.2/25.3	10920	2000 FB ₁	2001 02 26.5	10 38.87	+25 55.2	17.8	-0.98	+ 0.7	4.4/21.8	10602
1994 WZ ₆	2001 02 26.2	10 37.49	+14 01.9	19.2	-0.79	+ 6.5	1.6/24.5	159	6056 P-L	2001 02 26.5	10 38.88	-00 44.1	18.9	-0.88	+ 7.8	3.2/01.6	11064
1999 VT ₅₀	2001 02 26.2	10 37.62	+03 22.6	21.0	-0.88	+ 5.2	1.5/28.0	40395	1998 QW ₄₁	2001 02 26.5	10 38.91	+12 40.7	18.8	-0.88	+ 1.5	1.1/25.5	10861
1998 QB ₁₅	2001 02 26.2	10 37.63	+10 43.7	18.9	-0.79	+ 7.2	0.6/25.6	10860	2000 AX ₁₈₆	2001 02 26.6	10 38.82	+00 51.9	18.0	-0.81	+ 9.4	2.5/01.2	10589
1999 VF ₃₁	2001 02 26.2	10 37.66	+22 50.4	20.0	-0.81	+ 3.9	3.8/21.9	10923	1999 SR ₂₀	2001 02 26.6	10 38.86	+21 51.0	18.7	-0.86	+ 7.0	4.5/22.3	10411
2000 AH ₁₉₉	2001 02 26.2	10 37.70	+16 20.2	19.2	-0.85	+ 7.0	2.2/23.8	1566	1997 CM ₂₂	2001 02 26.6	10 38.94	+08 42.4	19.9	-0.96	+ 5.9	0.1/26.6	2625
1998 KF ₆₄	2001 02 26.2	10 37.71	+05 47.5	18.8	-0.93	+ 7.7	1.0/27.2	10857	1995 WH ₄₀	2001 02 26.6	10 38.97	+33 58.7	19.0	-0.95	+ 4.8	9.9/18.0	10833
1999 TM ₂₈₃	2001 02 26.2	10 37.74	+19 40.4	18.3	-1.10	+ 7.4	4.5/22.9	10917	1998 RH ₇₄	2001 02 26.6	10 39.18	+03 23.6	18.1	-0.77	+ 4.2	1.4/28.2	10867
1999 WX ₁₇	2001 02 26.3	10 37.70	+00 02.4	19.1	-0.87	+ 5.7	3.3/28.9	10528	1995 SF ₁₇	2001 02 26.6	10 39.23	+06 38.7	18.7	-0.90	+ 7.3	0.7/27.3	10832
1998 HT ₄	2001 02 26.3	10 37.72	+19 12.9	17.6	-1.08	+ 5.1	4.2/23.2	10850	1999 XD ₁₂₃	2001 02 26.6	10 39.24	+06 50.5	17.4	-0.96	+ 3.2	0.6/27.1	10939
1999 RZ ₁₈₇	2001 02 26.3	10 37.74	+09 39.2	18.6	-1.04	+ 5.0	0.4/26.0	10898	1999 TW ₂₁₉	2001 02 26.6	10 39.26	+12 01.2	18.1	-1.13	- 0.7	1.4/25.9	10915
1999 XO ₁₆₉	2001 02 26.3	10 37.81	-01 52.0	18.2	-0.87	+ 3.6	2.9/01.4	10940	1999 RM ₁₀₅	2001 02 26.7	10 39.20	+10 14.5	18.8	-0.95	+ 6.4	0.6/26.2	36917
1999 RH ₂₃₇	2001 02 26.3	10 37.89	+17 33.5	21.1	-0.99	+ 6.0	2.8/23.7	5623	1999 XL ₄₁	2001 02 26.7	10 39.22	+11 15.4	18.1	-0.88	+ 6.9	0.9/25.8	10540
2001 BV ₆₁	2001 02 26.3	10 37.94	+10 44.4	17.0	-1.04	+ 1.4	0.7/25.8	10721	1999 TQ ₃₃	2001 02 26.7	10 39.31	+03 43.1	17.7	-0.86	+ 6.1	1.8/28.2	10906
1998 HK ₁₁₇	2001 02 26.3	10 37.96	+21 57.0	18.6	-1.05	+ 6.8	5.2/22.2	10853	1999 VQ ₂₆	2001 02 26.7	10 39.32	+12 13.0	19.2	-0.96	+ 5.7	1.2/25.6	10922
1992 NF	2001 02 26.3	10 38.01	+16 38.6	16.8	-0.76	+ 7.2	2.3/23.7	10827	1999 WF ₁	2001 02 26.7	10 39.34	+20 25.6	16.4	-0.98	+ 5.0	4.9/23.1	10931
1999 TC ₃₈	2001 02 26.3	10 38.06	+04 53.0	17.7	-0.88	+ 8.5	1.4/27.6	10906	1999 UH ₃₀	2001 02 26.7	10 39.35	+14 12.9	18.8	-0.95	+ 5.1	2.6/25.0	10919
1999 VK ₅₂	2001 02 26.3	10 38.06	+26 35.6	18.7	-0.87	+ 3.4	5.0/20.9	40395	1999 VZ ₆₇	2001 02 26.7	10 39.38	+06 56.8	19.5	-0.83	+ 5.5	0.5/27.2	10925
2001 BK ₇₃	2001 02 26.3	10 38.10	-08 40.5	17.4	-1.02	+ 2.1	7.5/02.9	10733	1999 TN ₂₅	2001 02 26.7	10 39.44	+11 20.0	17.3	-0.90	+ 4.0	1.0/25.9	10905
1999 TE ₂₅₆	2001 02 26.3	10 38.12	+02 36.9	18.1	-1.02	+ 5.7	2.5/28.1	2137	1999 XQ ₁₂₄	2001 02 26.7	10 39.46	+21 34.0	19.5	-0.86	+ 2.7	3.8/22.9	10939
1998 RC ₆₉	2001 02 26.4	10 38.11	+09 09.4	18.5	-0.73	+ 4.3	0.1/26.2	10866	1997 JQ	2001 02 26.7	10 39.48	+20 36.9	19.4	-0.90	+ 5.7	3.7/22.9	10841
2001 DT ₃₂	2001 02 26.4	10 38.12	+13 11.0	18.3	-0.87	+ 1.9	1.3/25.1	10802	1999 VQ ₂₀₀	2001 02 26.7	10 39.48	+07 58.2	18.6	-0.84	+ 2.8	0.1/26.9	2691
1999 VT ₉₈	2001 02 26.4	10 38.13	+12 50.8	19.9	-0.93	+ 5.2	1.5/25.2	10927	1999 TE ₂₃₅	2001 02 26.7	10 39.51	+07 41.5	17.9	-0.89	+ 7.1	0.3/27.0	10915
1999 TZ ₁₀₂	2001 02 26.4	10 38.19	+35 42.1	18.8	-1.08	+ 2.7	9.2/18.1	10434	1999 RQ ₁₆₀	2001 02 26.7	10 39.54	+14 01.6	18.6	-0.98	+ 5.2	2.1/25.2	10896
1995 SD ₂₅	2001 02 26.4	10 38.20	+09 13.9	23.0	-0.91	+ 6.3	0.2/26.2	6728	1999 XE ₁₈₆	2001 02 26.7	10 39.57	+29 14.7	17.6	-1.01	+ 3.6	6.4/20.3	10941
1999 UH ₄	2001 02 26.4	10 38.31	-00 25.0	19.5	-0.80	+ 6.9	2.7/01.4	10467	1998 NN	2001 02 26.7	10 39.65	+13 11.5	18.4	-0.81	+ 8.9	1.4/25.2	10858
2000 AF ₁₀	2001 02 26.4	10 38.31	+29 31.6	17.2	-1.05	+ 3.7	7.3/19.9	10943	1997 KT ₃	2001 02 26.8	10 39.65	+12 33.1	19.7	-0.71	+ 7.0	1.0/25.4	1921
1999 RP ₃₃	2001 02 26.4	10 38.34	+15 24.4	18.3	-1.07	+ 3.0	2.6/24.6	10889	1999 VM ₂₁	2001 02 26.8	10 39.75	+06 55.5	18.9	-0.90	+ 5.7	0.5/27.3	10922
1999 XJ ₁₉	2001 02 26.4	10 38.37	+13 30.2	20.9	-0.93	+ 5.4	1.5/25.0	2198	2001 CV ₃₀	2001 02 26.8	10 39.79	+23 31.0	17.7	-1.01	+ 0.7	5.3/22.8	10780
1999 VS ₅₅	2001 02 26.4	10 38.39	+05 55.6	19.8	-0.84	+ 5.4	0.8/27.3	2682	2001 CR ₄₀	2001 02 26.8	10 39.82	+30 21.4	18.5	-0.95	+ 7.7	8.1/19.0	10786
2000 AX ₁₄₅	2001 02 26.4	10 38.40	-01 28.4	18.1	-0.85	+ 5.9	3.2/01.6	10946	1996 PQ ₉	2001 02 26.8	10 40.01	+00 11.9	17.5	-1.48	- 3.1	3.7/28.4	10834
1999 TC ₁₇₃	2001 02 26.4	10 38.40	+09 40.0	18.5	-0.95	+ 3.6	0.4/26.2	10449	1999 RU ₁₁₄	2001 02 26.9	10 39.99	-00 26.3	18.7	-0.95	+ 8.0	3.4/01.7	40364
1992 PA ₂	2001 02 26.4	10 38.40	+03 31.0	19.1	-1.03	+ 4.5	1.7/27.9	10828	2040 P-L	2001 02 26.9	10 40.06	+11 40.6	20.3	-1.08	+ 4.9	1.1/26.0	37340

1999 UY ₄₄	2001 02 26.9	10 40.09 +03 26.5 19.2	-0.82 + 6.3	1.6/28.5	10920	1998 MQ ₃₂	2001 02 27.2	10 41.32 -09 11.4 18.8	-0.89 + 3.2	5.1/04.4	10857
1999 UG ₅₁	2001 02 26.9	10 40.11 +20 12.3 20.0	-0.88 + 5.5	3.3/23.3	2679	1998 HN ₂₁	2001 02 27.2	10 41.34 +02 12.3 18.7	-0.98 + 7.8	2.4/01.1	40324
1999 RU ₂₅	2001 02 26.9	10 40.12 +08 40.6 19.3	-0.94 + 4.5	0.1/26.9	40356	2001 BC ₆₀	2001 02 27.2	10 41.41 +06 36.9 18.2	-0.91 + 6.9	0.7/28.0	10719
1998 SX ₁₁₁	2001 02 26.9	10 40.19 +06 32.6 19.3	-0.69 + 5.7	0.5/27.6	10870	2001 CX ₃₀	2001 02 27.2	10 41.51 +27 25.4 18.1	-0.99 + 4.0	7.2/21.6	10780
5114 T-2	2001 02 26.9	10 40.23 -09 28.7 19.6	-0.86 + 5.2	6.2/04.6	2804	1999 TA ₉₉	2001 02 27.2	10 41.53 +21 49.1 17.8	-0.98 + 6.2	5.5/23.0	10432
1997 EN ₅	2001 02 26.9	10 40.23 +10 05.2 19.3	-0.91 + 4.7	0.6/26.5	10839	1999 VV ₁₆₆	2001 02 27.2	10 41.54 +09 38.5 18.6	-0.90 + 4.3	0.5/26.9	10516
1999 RT ₂₂₁	2001 02 26.9	10 40.23 -02 08.3 20.6	-0.89 + 4.7	3.2/02.1	2656	1999 VB ₃	2001 02 27.2	10 41.54 +11 04.8 19.6	-0.77 + 5.0	0.8/26.4	38099
1999 VU ₇₁	2001 02 26.9	10 40.24 +12 54.3 19.6	-0.83 + 4.8	1.4/25.6	10503	1999 RY ₈₃	2001 02 27.3	10 41.52 +09 18.7 18.3	-0.93 + 9.4	0.4/27.0	10374
2001 CE ₃₆	2001 02 26.9	10 40.24 +21 17.3 17.9	-0.80 + 5.6	3.6/22.7	10783	1999 VM ₂₁₃	2001 02 27.3	10 41.54 +26 30.9 17.0	-0.80 + 5.5	6.6/21.1	10931
1999 TU ₁₅₅	2001 02 26.9	10 40.25 +15 00.9 18.6	-1.06 + 6.7	2.5/25.0	10911	1999 RN ₂₅	2001 02 27.3	10 41.58 +14 42.3 18.7	-1.14 + 3.9	2.5/25.6	10889
1999 RB ₉₀	2001 02 26.9	10 40.25 +10 46.0 17.8	-0.91 + 9.2	0.9/26.2	10892	1999 RD ₁₈	2001 02 27.3	10 41.60 +05 34.7 19.6	-0.95 + 8.3	1.0/28.2	10362
1999 VH ₂₁₃	2001 02 26.9	10 40.26 +14 24.1 19.0	-0.76 + 6.1	1.7/25.0	10523	1997 CV ₄	2001 02 27.3	10 41.65 -01 24.0 18.7	-1.11 + 1.6	3.6/01.8	10838
1999 XC ₁₈₈	2001 02 26.9	10 40.28 +06 16.8 18.8	-0.89 + 3.4	0.6/27.6	10565	2001 CJ ₃₆	2001 02 27.3	10 41.78 +20 39.9 18.2	-0.95 + 7.3	4.9/23.3	10784
1999 RF ₁₉₁	2001 02 26.9	10 40.31 +16 18.8 19.0	-0.99 + 4.3	2.6/24.7	10898	1999 WN ₉	2001 02 27.3	10 41.79 +09 38.6 18.7	-0.89 + 5.9	0.4/26.9	10932
1999 TH ₂₇₄	2001 02 26.9	10 40.32 +05 36.5 19.7	-0.99 + 6.4	0.9/28.0	6258	2000 AQ ₁₃₈	2001 02 27.3	10 41.81 +46 00.2 18.8	-1.19 + 2.8	11.8/14.3	10946
1998 QJ ₇₀	2001 02 26.9	10 40.37 -12 06.1 18.1	-0.78 + 2.2	5.0/05.2	10862	1999 TN ₁₆₇	2001 02 27.3	10 41.81 +01 26.6 18.7	-0.91 + 7.8	2.6/01.6	1164
1999 TA ₂₈	2001 02 27.0	10 40.36 +10 01.3 19.9	-0.96 + 4.9	0.5/26.5	40381	1999 RP ₁₁₈	2001 02 27.3	10 41.82 +04 24.7 18.2	-0.90 + 9.7	1.4/28.7	10894
1993 FW ₈₁	2001 02 27.0	10 40.36 +27 42.8 19.7	-1.03 + 2.6	5.9/21.4	10829	2734 P-L	2001 02 27.3	10 41.83 +10 45.7 20.2	-0.75 + 4.7	0.6/26.6	34264
1999 VB ₁₀	2001 02 27.0	10 40.37 +01 19.9 18.3	-0.86 + 3.1	2.0/01.0	10483	2001 BW ₄₇	2001 02 27.3	10 41.86 +04 16.7 17.8	-0.97 + 2.0	1.3/28.4	10712
1999 RN ₃₆	2001 02 27.0	10 40.44 -08 29.8 17.7	-0.84 + 6.7	5.1/04.6	10889	2001 CA ₅	2001 02 27.4	10 41.84 +14 37.3 20.2	-0.93 + 3.0	2.1/25.6	10747
1999 RL ₉₈	2001 02 27.0	10 40.46 +08 58.0 20.4	-0.97 + 5.5	0.2/26.9	289	1996 XS ₁₃	2001 02 27.4	10 41.85 +11 31.1 19.2	-0.97 + 5.3	1.3/26.4	10310
1996 XA ₃₁	2001 02 27.0	10 40.54 +12 07.0 17.6	-0.94 + 8.0	1.5/25.9	10836	2455 T-3	2001 02 27.4	10 41.85 -12 07.3 19.9	-0.75 + 7.0	5.8/06.7	1394
1991 PC ₁	2001 02 27.0	10 40.55 +14 17.3 16.8	-1.60 - 3.2	2.8/26.0	10300	1999 XN ₁₀₉	2001 02 27.4	10 41.86 +07 01.2 18.9	-0.80 + 6.2	0.4/27.8	10938
1994 PE ₂	2001 02 27.0	10 40.57 +07 59.1 19.4	-0.86 + 4.1	0.1/27.2	10831	1999 VL ₆₆	2001 02 27.4	10 41.89 +32 27.3 17.0	-1.02 + 3.7	9.5/19.3	10925
4540 P-L	2001 02 27.0	10 40.63 +01 32.4 19.5	-0.70 + 8.0	1.9/01.4	38735	1999 XW ₇₄	2001 02 27.4	10 41.89 -03 40.8 18.7	-0.83 + 4.6	3.3/03.1	40412
1999 VM ₈	2001 02 27.0	10 40.64 +16 27.5 18.5	-0.91 + 4.9	2.7/24.6	10482	1999 VS ₄₉	2001 02 27.4	10 41.98 +01 30.3 18.9	-0.86 + 4.3	2.1/01.4	40395
1998 OD ₇	2001 02 27.0	10 40.68 +00 15.7 17.9	-0.91 + 2.4	2.9/01.3	10858	1998 QG ₂₁	2001 02 27.4	10 42.04 +08 14.5 19.2	-0.76 + 4.6	0.0/27.4	10860
2001 CC ₅	2001 02 27.0	10 40.74 +14 29.6 18.9	-1.12 0.0	2.5/25.6	10747	1999 VJ ₇₁	2001 02 27.4	10 42.10 +12 55.1 19.9	-1.00 + 5.7	1.6/26.1	10926
2001 BM ₆₈	2001 02 27.0	10 40.78 +13 31.6 18.2	-0.99 + 6.9	2.1/25.5	10727	1999 TR ₁₅₃	2001 02 27.4	10 42.12 +13 10.2 17.9	-0.80 + 5.3	1.8/25.9	10911
1999 VR ₅₃	2001 02 27.0	10 40.79 +09 56.8 19.5	-0.91 + 5.2	0.5/26.6	2681	1999 QM ₂	2001 02 27.4	10 42.25 +10 39.4 18.1	-1.03 + 3.7	1.0/26.8	10887
2001 BC ₆₃	2001 02 27.0	10 40.80 +07 37.9 17.4	-1.10 0.0	0.3/27.3	10722	3394 T-3	2001 02 27.4	10 42.27 +08 22.2 20.6	-0.95 + 6.2	0.1/27.4	6170
2001 AE ₄₇	2001 02 27.0	10 40.81 +67 51.2 17.7	-1.31 + 1.4	31.3/20.0	11029	1999 VR ₃₇	2001 02 27.4	10 42.30 +37 30.7 18.4	-0.99 + 4.7	8.6/17.2	10493
1999 VZ ₈₈	2001 02 27.1	10 40.73 +00 22.9 20.3	-0.96 + 6.8	2.8/01.5	4537	1999 XP ₅₈	2001 02 27.5	10 42.22 -07 19.7 18.6	-0.77 + 4.5	4.6/04.5	10936
1999 TD ₁₇₇	2001 02 27.1	10 40.73 +13 52.1 19.0	-0.89 + 4.4	1.8/25.5	10450	1999 RA ₂₃₀	2001 02 27.5	10 42.37 +16 54.3 19.3	-1.04 + 5.7	3.1/25.0	10901
1985 RJ	2001 02 27.1	10 40.74 +01 00.6 18.9	-0.82 + 7.5	2.1/01.5	33066	1999 RZ ₁₅₇	2001 02 27.5	10 42.44 +14 01.1 19.1	-1.02 + 5.5	2.1/25.9	10896
1999 VF ₁₂₂	2001 02 27.1	10 40.87 +14 21.2 21.0	-0.79 + 4.8	1.8/25.3	2685	1999 VF ₁₂₀	2001 02 27.5	10 42.50 +16 57.5 20.2	-1.03 + 4.8	3.0/25.0	2685
1999 RL ₆	2001 02 27.1	10 40.89 +09 59.9 18.8	-0.98 + 4.2	0.6/26.7	10888	1999 RC ₂₁₂	2001 02 27.5	10 42.57 +02 37.7 19.1	-0.98 + 4.3	1.8/01.2	40373
1999 XJ ₂₃	2001 02 27.1	10 40.90 -10 15.1 18.7	-0.88 + 6.0	6.1/05.2	40406	1999 VS ₆₃	2001 02 27.5	10 42.57 +20 41.1 18.7	-1.04 + 4.4	4.8/23.9	10500
1998 QZ ₁₃	2001 02 27.1	10 40.96 +04 38.2 18.0	-0.82 + 5.7	1.1/28.3	10860	1999 UF ₁₇	2001 02 27.5	10 42.60 -13 01.7 18.0	-0.82 + 6.5	8.0/06.8	10470
1999 XC ₁₄₈	2001 02 27.1	10 40.96 +05 03.2 20.4	-0.93 + 5.8	1.1/28.1	6263	1999 XK ₁₂₇	2001 02 27.5	10 42.60 +07 11.6 20.6	-0.90 + 7.5	0.3/27.9	10559
2001 CK ₃₆	2001 02 27.1	10 40.98 +19 22.2 16.4	-1.11 - 0.4	4.6/24.4	11048	1998 HO ₅₁	2001 02 27.5	10 42.65 +14 10.6 18.4	-1.01 + 7.1	2.3/25.7	10852
1998 SW ₂₅	2001 02 27.1	10 40.99 +08 49.7 19.6	-0.73 + 5.4	0.1/27.0	35717	2336 T-3	2001 02 27.6	10 42.60 +07 43.5 20.4	-0.98 + 4.9	0.1/27.7	40534
1995 UC ₁₄	2001 02 27.1	10 40.99 +07 55.5 19.7	-0.93 + 5.7	0.1/27.3	2621	1999 UV ₁₆	2001 02 27.6	10 42.61 +14 33.2 20.0	-0.94 + 4.6	1.9/25.7	40386
1999 VF ₁₆₂	2001 02 27.1	10 41.07 +14 22.2 18.9	-0.93 + 3.7	2.1/25.4	10929	1999 VL ₁₈₈	2001 02 27.6	10 42.69 +08 59.5 17.7	-0.93 + 7.5	0.3/27.4	10520
1992 EW ₈	2001 02 27.1	10 41.16 +14 44.5 16.9	-1.04 0.0	2.7/25.6	10827	1999 RB ₁₆₃	2001 02 27.6	10 42.69 +04 42.8 19.9	-0.95 + 4.4	1.1/28.6	1460
1999 VK ₄₀	2001 02 27.1	10 41.17 +01 05.1 19.3	-0.95 + 5.6	2.4/01.4	38111	1995 XY ₄	2001 02 27.6	10 42.73 +09 25.6 19.0	-0.85 + 7.1	0.5/27.2	30082
1999 VW ₁₄	2001 02 27.2	10 41.09 +11 27.9 19.5	-1.07 + 3.0	1.2/26.4	10484	1999 RM ₃₂	2001 02 27.6	10 42.73 +11 58.4 19.2	-1.06 + 3.5	1.4/26.6	10365
1999 XE ₄₄	2001 02 27.2	10 41.15 +02 03.8 18.7	-0.99 + 5.2	2.2/01.0	40411	1999 XF ₁₂₀	2001 02 27.6	10 42.83 -00 33.7 18.2	-0.86 + 4.4	2.8/02.3	10938
1999 VN	2001 02 27.2	10 41.17 +12 48.9 18.0	-0.84 + 4.6	1.4/25.9	10921	1998 QU ₈	2001 02 27.6	10 42.83 +03 46.9 19.6	-1.00 + 2.0	1.4/28.8	10859
2001 CB ₅	2001 02 27.2	10 41.23 +13 48.6 18.1	-1.08 + 1.0	2.0/25.8	10747	1999 TA ₁₅₇	2001 02 27.6	10 42.85 +09 13.7 18.9	-1.03 + 3.4	0.4/27.4	10912
1999 UL ₁	2001 02 27.2	10 41.31 +10 51.1 18.3	-0.83 + 4.5	0.8/26.5	10917	1999 TU ₅	2001 02 27.6	10 42.86 +17 12.1 17.8	-0.87 + 5.0	3.0/24.9	10904

1999 VG ₁	2001 02 27.6	10 42.89 +11 08.5 19.2	-0.80 + 4.6	0.9/26.8	40387	2001 CC ₄₁	2001 02 28.0	10 44.20 +29 44.4 19.2	-0.92 + 5.8	7.9/20.8	10786
1999 XT ₅₉	2001 02 27.6	10 42.92 +25 50.0 17.5	-0.83 + 4.6	5.0/22.0	10936	2001 BC ₆₈	2001 02 28.0	10 44.24 +10 48.8 18.4	-0.98 + 0.1	0.9/27.3	10727
1998 QO ₇₃	2001 02 27.6	10 42.96 -07 43.9 17.9	-0.83 + 7.3	4.9/04.9	10863	1996 UX ₃	2001 02 28.0	10 44.26 -11 40.8 18.3	-0.49 + 4.3	3.6/07.1	10835
1999 TG ₁₆	2001 02 27.7	10 43.02 +04 39.9 19.3	-0.85 + 5.8	1.1/28.8	10421	1999 XP ₄₃	2001 02 28.0	10 44.31 +13 30.3 18.9	-0.87 + 4.2	1.7/26.4	10935
2000 AK ₁₀₃	2001 02 27.7	10 43.07 +21 55.3 18.4	-0.79 + 6.6	4.1/23.1	10581	1998 HZ ₉₂	2001 02 28.0	10 44.36 +08 09.2 18.3	-1.02 + 5.5	0.1/28.0	10853
1998 QZ ₆₉	2001 02 27.7	10 43.08 -02 17.6 19.0	-0.75 + 5.8	2.9/03.1	10862	1995 WZ ₇	2001 02 28.0	10 44.37 -07 47.8 18.1	-0.91 + 3.7	4.9/04.8	10833
1999 TM ₁₀₅	2001 02 27.7	10 43.11 +04 23.8 20.7	-0.83 + 5.9	1.0/28.9	1139	4432 T-3	2001 02 28.0	10 44.45 +11 04.6 19.6	-0.94 + 7.2	1.0/27.1	37343
1973 SZ	2001 02 27.7	10 43.13 +10 07.3 18.5	-0.50 + 3.6	0.4/27.1	38017	1998 HW ₂₅	2001 02 28.0	10 44.50 +18 18.7 19.0	-1.09 + 4.8	3.8/25.1	10851
1999 XY ₄₀	2001 02 27.7	10 43.15 -03 35.1 18.6	-0.84 + 5.1	4.0/03.4	10935	1997 BC ₅	2001 02 28.0	10 44.51 +05 36.8 19.8	-0.95 + 5.9	0.8/28.8	10838
3524 T-3	2001 02 27.7	10 43.21 +05 01.0 19.2	-0.95 + 6.5	1.1/28.7	2805	1993 FX ₅₅	2001 02 28.0	10 44.51 +18 05.4 18.2	-0.96 + 4.6	3.3/25.0	10303
1999 XP ₂₆	2001 02 27.7	10 43.25 +08 47.8 19.2	-0.85 + 4.6	0.2/27.6	1548	2001 CO ₃₆	2001 02 28.0	10 44.52 +17 27.6 17.3	-1.04 + 4.0	3.6/25.5	10784
1999 RD ₁₈₆	2001 02 27.7	10 43.30 +10 09.4 18.2	-0.98 + 7.7	0.9/27.1	10898	1999 VK ₁₇	2001 02 28.0	10 44.54 +07 41.4 18.8	-0.94 + 4.5	0.1/28.2	10484
2000 XH ₅₀	2001 02 27.7	10 43.32 +26 19.6 17.2	-0.91 + 6.2	6.8/21.6	11012	2001 DX ₉	2001 02 28.0	10 44.54 +21 28.8 18.6	-1.01 + 6.6	5.6/23.9	10793
1999 VF ₁₆₃	2001 02 27.7	10 43.33 +17 03.8 20.3	-0.92 + 4.2	2.6/25.1	684	1999 VQ ₂₀	2001 02 28.1	10 44.53 +12 31.4 18.6	-1.05 + 3.1	1.5/26.9	10485
1999 VK ₂₀	2001 02 27.7	10 43.34 +08 53.8 17.4	-0.96 + 1.0	0.2/27.6	10922	1999 TF ₁₂₀	2001 02 28.1	10 44.60 +09 11.9 17.9	-0.89 + 2.7	0.4/27.8	10910
1999 XV ₁₁₁	2001 02 27.7	10 43.39 +02 54.0 18.9	-1.00 + 5.4	1.8/01.3	37938	2000 AT ₆₉	2001 02 28.1	10 44.62 +24 38.3 18.6	-0.88 + 6.4	4.8/22.6	10944
2000 XF ₁₅	2001 02 27.8	10 43.40 +56 56.5 17.0	-1.79 + 1.4	21.9/08.0	11009	1997 GE ₄₂	2001 02 28.1	10 44.65 +14 02.2 18.8	-0.86 + 5.7	1.9/26.2	10840
1999 XG ₅₄	2001 02 27.8	10 43.43 +26 43.9 17.9	-0.86 + 5.0	5.9/21.7	10935	1999 TO ₁₉₁	2001 02 28.1	10 44.68 +15 53.1 18.6	-0.96 + 1.1	2.6/26.1	10453
1999 VG ₃	2001 02 27.8	10 43.48 +08 41.2 18.0	-0.76 + 5.2	0.2/27.6	10921	1998 MB ₃₂	2001 02 28.1	10 44.68 +31 52.7 17.6	-0.93 + 7.5	8.5/19.5	10857
2001 DD ₆₈	2001 02 27.8	10 43.48 +08 05.6 17.9	-0.94 + 0.5	8.8/08.0	10812	1999 XG ₂₃₃	2001 02 28.1	10 44.68 +13 58.4 21.0	-0.80 + 6.3	1.6/26.2	6264
1999 XG ₁₆₆	2001 02 27.8	10 43.54 +19 34.2 18.0	-0.92 + 2.4	3.6/24.6	10940	1999 XN ₆₆	2001 02 28.1	10 44.69 +06 36.9 19.4	-0.77 + 4.7	0.4/28.6	10545
2001 DP ₄₅	2001 02 27.8	10 43.56 +05 36.5 18.2	-1.07 + 2.8	1.1/28.5	10807	1999 VF ₅	2001 02 28.1	10 44.71 +07 53.8 18.0	-0.88 + 6.1	0.0/28.2	10480
2000 YL ₁₀₅	2001 02 27.8	10 43.60 +14 31.4 17.6	-0.84 + 6.9	2.6/25.8	11019	2001 CM ₃₆	2001 02 28.2	10 44.94 +20 06.9 18.3	-0.70 + 3.1	2.9/24.3	10784
2001 CQ ₄₄	2001 02 27.8	10 43.61 +30 11.1 18.5	-1.09 + 1.2	9.1/21.6	10788	1998 QO ₅₃	2001 02 28.2	10 44.97 -15 37.4 19.3	-0.78 + 7.4	6.3/08.4	37729
1994 YB ₁	2001 02 27.8	10 43.67 +21 03.7 18.3	-0.81 + 6.0	3.8/23.7	10832	3102 T-3	2001 02 28.2	10 45.00 +10 52.7 19.7	-0.96 + 6.3	1.0/27.3	36582
2000 AX ₁₄₈	2001 02 27.8	10 43.70 +03 45.7 18.1	-0.78 + 7.0	1.2/01.3	10947	1998 QB ₈₆	2001 02 28.2	10 45.03 -11 58.2 19.5	-0.79 + 2.6	5.0/06.3	10863
2000 CR ₁₂	2001 02 27.8	10 43.70 +03 52.6 19.6	-0.48 + 3.6	0.7/01.3	10950	1999 TQ ₁₇₁	2001 02 28.2	10 45.04 +07 22.4 18.3	-0.91 + 6.8	0.2/28.4	10448
1999 RY ₂₉	2001 02 27.8	10 43.71 -08 16.6 18.7	-1.47 - 4.9	8.1/02.7	10889	1998 RF ₂	2001 02 28.2	10 45.14 +23 15.6 18.9	-1.00 + 2.8	4.7/23.8	10332
4755 P-L	2001 02 27.8	10 43.71 +00 29.8 19.5	-0.80 + 9.2	2.4/02.5	6140	2000 AG ₅₅	2001 02 28.2	10 45.14 +15 21.5 18.6	-0.51 + 3.5	1.3/25.8	10944
2001 BA ₆₈	2001 02 27.8	10 43.73 +14 15.5 18.2	-0.91 + 5.8	2.7/26.0	10727	5049 T-3	2001 02 28.2	10 45.15 +14 57.3 21.1	-0.94 + 7.4	2.3/26.0	2806
1999 VV ₂₆	2001 02 27.8	10 43.76 +05 51.5 19.6	-0.92 + 5.4	0.7/28.5	10922	1999 US ₂₃	2001 02 28.2	10 45.18 -02 02.7 17.9	-0.92 + 6.3	3.9/03.4	10919
1999 RV ₁₉₇	2001 02 27.8	10 43.77 -04 20.5 18.9	-0.95 + 6.9	4.6/03.8	10899	1999 VS ₁₉₄	2001 02 28.2	10 45.19 +14 46.7 19.3	-0.77 + 7.4	2.1/26.0	10521
1997 GO ₂₀	2001 02 27.8	10 43.79 +15 28.9 19.5	-0.94 + 4.1	2.7/25.7	10313	1999 RL ₂₉	2001 02 28.2	10 45.31 +00 50.7 18.4	-0.98 +20.5	2.9/03.0	10365
1999 VO ₂₇	2001 02 27.8	10 43.79 +15 48.6 18.4	-0.93 + 3.2	2.6/25.7	10923	1999 RU ₈₂	2001 02 28.3	10 45.29 +07 16.8 20.0	-0.99 + 3.5	0.2/28.5	641
2001 CH ₃₆	2001 02 27.8	10 43.79 +18 04.8 18.7	-0.95 + 5.8	3.5/24.9	10783	1997 CL ₁₃	2001 02 28.3	10 45.32 +13 21.7 17.2	-0.83 + 9.3	2.1/26.5	10838
1999 TR ₇	2001 02 27.9	10 43.74 +25 50.9 21.1	-1.00 + 2.7	5.1/22.9	650	1998 MR ₁₅	2001 02 28.3	10 45.41 +01 41.7 18.9	-0.81 + 8.7	1.8/02.4	10857
1999 VL ₆₇	2001 02 27.9	10 43.82 +13 12.4 19.1	-0.84 + 5.0	1.7/26.3	10501	1999 VC ₁₄₄	2001 02 28.3	10 45.45 +04 36.5 19.3	-0.86 + 4.9	1.1/01.3	10928
1999 RU ₁₈₂	2001 02 27.9	10 43.84 +09 42.7 19.6	-1.08 + 3.6	0.6/27.5	297	2000 DZ ₅	2001 02 28.3	10 45.46 +29 05.6 19.0	-0.54 + 3.0	3.6/20.9	10597
1995 UR ₆	2001 02 27.9	10 43.94 +09 24.5 17.4	-0.93 + 8.2	0.5/27.5	10832	1999 VD ₁₆₆	2001 02 28.3	10 45.46 +05 30.2 19.0	-1.06 + 6.0	0.9/01.0	10929
1993 TZ ₁₅	2001 02 27.9	10 43.95 +08 14.0 20.3	-0.76 + 4.8	6.5/08.0	35688	1999 RC ₂₀₉	2001 02 28.3	10 45.47 +00 18.5 18.7	-0.97 + 5.0	2.7/02.6	40372
1999 TN ₂	2001 02 27.9	10 43.95 +25 14.5 18.1	-0.90 + 7.1	5.4/22.2	10903	1981 QG ₃	2001 02 28.3	10 45.50 +11 35.0 17.6	-0.86 +12.2	1.3/27.0	10824
2001 CE ₄₁	2001 02 27.9	10 44.00 +30 18.1 19.8	-0.90 + 7.5	6.9/20.1	10786	2001 DP ₄₆	2001 02 28.3	10 45.55 +22 05.0 19.8	-1.00 + 8.7	6.1/23.5	10807
1999 TC ₁₄₇	2001 02 27.9	10 44.07 +19 15.9 18.7	-1.11 + 4.8	4.8/24.7	10911	2001 DV ₂₈	2001 02 28.3	10 45.58 +14 31.6 18.1	-0.91 + 4.8	2.7/26.4	10801
1998 QW ₂₄	2001 02 27.9	10 44.07 +04 50.8 18.6	-0.83 + 3.0	0.9/28.9	10329	1999 TN ₈₆	2001 02 28.3	10 45.61 +06 05.2 18.9	-1.01 + 5.8	0.7/28.9	10430
1999 UH ₆	2001 02 27.9	10 44.09 +04 36.6 19.4	-0.94 + 6.1	1.1/01.0	2676	1999 XA ₄₅	2001 02 28.4	10 45.69 -13 30.6 19.9	-0.87 + 5.1	6.3/07.4	8465
1999 TD ₁₅₂	2001 02 27.9	10 44.11 +30 14.8 19.6	-0.96 + 1.8	7.3/21.5	10445	1990 SO ₈	2001 02 28.4	10 45.79 +11 58.1 19.2	-0.87 + 6.6	1.3/27.1	10826
1998 QS ₇₄	2001 02 27.9	10 44.17 -09 03.0 18.2	-0.91 + 1.3	5.1/04.7	10863	2001 BG ₃₅	2001 02 28.4	10 45.89 +09 21.2 17.4	-0.88 +10.5	0.6/27.9	11035
2001 BQ ₆₈	2001 02 27.9	10 44.18 +12 37.0 18.2	-1.16 + 1.1	1.9/26.9	10727	1999 TD ₂₉	2001 02 28.4	10 45.96 +02 05.9 17.5	-0.88 + 7.5	2.3/02.3	10905
1999 VY ₁₈₈	2001 02 28.0	10 44.18 +26 00.7 19.0	-1.06 + 6.6	6.4/22.1	10930	1999 TQ ₉₃	2001 02 28.4	10 46.01 +10 46.4 18.9	-0.94 + 6.5	0.9/27.6	10431
1998 RN ₇	2001 02 28.0	10 44.18 +09 17.3 19.6	-0.84 + 2.7	0.4/27.7	10864	1999 VP ₄₉	2001 02 28.4	10 46.05 +23 50.5 17.1	-1.11 + 2.7	6.8/23.8	10924
2000 AJ ₈₇	2001 02 28.0	10 44.18 +19 06.2 18.4	-0.50 + 4.2	2.0/24.2	10945	2001 DS ₁₁	2001 02 28.5	10 46.04 +15 58.6 19.3	-0.76 + 7.1	2.3/25.8	10794

1999 UY ₅₁	2001 02 28.5	10 46.04 +19 31.2 19.5	-0.87 + 7.1	3.3/24.7	8458	1999 SE ₂	2001 02 28.8	10 47.50 -07 16.9 18.9	-1.13 + 0.1	4.7/05.0	10902
1998 OB ₁₅	2001 02 28.5	10 46.08 +07 59.2 18.2	-0.82 + 4.4	0.0/28.5	10859	1999 TX ₂₉₀	2001 02 28.8	10 47.53 +13 00.5 19.0	-1.01 + 7.6	1.9/27.2	10917
1999 VO ₆₈	2001 02 28.5	10 46.10 +24 32.4 18.9	-0.93 + 4.8	5.0/23.3	10502	1998 QF ₆₃	2001 02 28.8	10 47.53 -02 34.1 19.0	-0.73 + 5.9	2.8/04.3	10862
2000 AS ₅₁	2001 02 28.5	10 46.11 +06 43.2 19.2	-0.95 + 3.6	0.4/28.8	2712	1999 XL ₄₀	2001 02 28.8	10 47.55 -04 41.8 18.2	-0.95 + 5.3	4.7/04.6	10935
1999 VG ₁₀₂	2001 02 28.5	10 46.18 +32 54.6 18.6	-1.06 + 3.6	9.2/20.3	10508	1999 RD ₄₀	2001 02 28.8	10 47.55 -03 37.7 20.4	-0.90 + 7.8	3.4/04.6	1449
1999 XF ₄₄	2001 02 28.5	10 46.21 +19 14.7 18.2	-1.03 + 4.9	4.0/25.1	10935	1998 SO ₅₃	2001 02 28.9	10 47.49 +00 26.3 19.1	-0.71 + 6.0	1.9/03.3	39239
1999 TX ₁₉₆	2001 02 28.5	10 46.21 +03 37.6 20.0	-0.92 + 4.6	1.3/01.8	1504	1999 VA ₁₇₃	2001 02 28.9	10 47.50 +18 33.2 18.6	-0.89 + 4.9	3.6/25.5	10929
2000 AQ ₂₄₀	2001 02 28.5	10 46.21 -03 32.2 19.2	-0.79 + 7.6	3.2/04.4	10949	1997 GB ₄	2001 02 28.9	10 47.51 +06 05.0 19.3	-0.88 + 6.1	0.5/01.4	10313
1998 FX ₄₉	2001 02 28.5	10 46.29 +08 25.9 17.5	-1.07 + 5.6	0.3/28.4	10847	1999 WE ₁₃	2001 02 28.9	10 47.54 +02 24.1 20.3	-0.95 + 5.9	1.8/02.5	37852
1999 XT ₆	2001 02 28.5	10 46.34 +21 31.5 18.9	-0.92 + 4.3	4.1/24.4	10932	1999 RV ₁₂	2001 02 28.9	10 47.60 +01 19.8 19.3	-0.98 + 7.6	2.3/02.9	36910
1999 XP ₂₈	2001 02 28.5	10 46.35 +09 11.6 18.9	-0.84 + 5.8	0.4/28.1	10934	2001 BX ₅₀	2001 02 28.9	10 47.62 +17 23.8 17.6	-1.03 + 2.2	3.0/26.3	10714
1999 YT ₃	2001 02 28.5	10 46.36 +10 39.2 19.6	-0.91 + 1.0	0.7/27.8	10572	1999 TP ₉	2001 02 28.9	10 47.62 +10 05.0 19.6	-0.98 + 5.3	0.8/28.2	10416
2001 CE ₅	2001 02 28.5	10 46.38 +16 32.0 16.3	-0.95 + 5.4	3.9/25.9	10747	1999 XO ₁₅	2001 02 28.9	10 47.63 +08 28.5 17.7	-0.77 + 5.8	0.2/28.7	10933
1999 RL ₇₃	2001 02 28.5	10 46.39 +04 24.8 19.6	-0.99 + 3.0	1.0/01.5	10891	1999 WJ ₁₃	2001 02 28.9	10 47.64 +13 24.2 19.2	-0.92 + 5.3	2.2/27.2	10527
1999 TX ₂₂₅	2001 02 28.5	10 46.42 +08 35.9 17.3	-0.97 + 4.6	0.4/28.4	10459	1998 SC ₂₈	2001 02 28.9	10 47.67 +07 40.7 19.7	-0.74 + 4.7	0.0/28.9	10868
1999 XH ₁₉	2001 02 28.5	10 46.44 +19 58.6 19.4	-1.07 + 4.9	4.3/25.0	687	2000 AD ₅₃	2001 02 28.9	10 47.67 -11 16.5 19.5	-0.89 + 4.4	5.7/06.8	10577
1114 T-2	2001 02 28.6	10 46.37 +07 22.5 20.2	-0.96 + 5.7	0.1/28.7	38192	1999 VA ₁₂	2001 02 28.9	10 47.72 -02 49.4 18.4	-0.97 + 5.3	3.4/04.1	40390
1037 T-3	2001 02 28.6	10 46.39 +01 14.8 19.6	-0.99 + 4.4	2.2/02.5	2592	1999 VV ₄₉	2001 02 28.9	10 47.73 +26 31.6 18.8	-0.90 + 2.7	5.9/23.2	10924
1996 XL ₁₉	2001 02 28.6	10 46.41 +07 12.6 19.5	-0.98 + 5.6	0.2/28.8	10310	1999 UF ₅₂	2001 02 28.9	10 47.76 +12 36.4 19.9	-0.86 + 6.5	1.4/27.4	2679
1999 XZ ₅₆	2001 02 28.6	10 46.41 +09 18.0 19.1	-0.74 + 4.8	0.4/28.1	10544	1999 XQ ₁₉	2001 02 28.9	10 47.85 -00 19.6 19.2	-0.96 + 6.6	2.8/03.4	2198
1998 QB ₁₉	2001 02 28.6	10 46.42 +16 20.0 18.1	-0.76 + 6.8	2.4/25.7	10860	1999 RV ₃₉	2001 02 28.9	10 47.89 +11 09.1 19.4	-1.02 + 3.5	1.2/28.0	10890
1999 VP ₁₉₄	2001 02 28.6	10 46.47 +14 15.3 19.8	-0.82 + 6.9	1.8/26.5	2690	1999 RM ₂₅	2001 03 01.0	10 47.90 +09 45.3 20.3	-0.94 + 5.9	0.7/28.4	1449
1998 QU ₄	2001 02 28.6	10 46.52 -01 38.5 20.3	-0.82 + 3.3	2.7/03.4	6807	1999 WL ₁₂	2001 03 01.0	10 47.92 -00 04.3 19.9	-0.92 + 6.8	2.6/03.4	1545
1999 XN ₆₉	2001 02 28.6	10 46.55 -03 30.5 18.6	-0.94 + 5.0	3.9/04.0	10936	1999 XR ₁₂₄	2001 03 01.0	10 47.94 -01 26.1 18.6	-1.01 + 4.0	3.3/03.6	10939
1999 UO ₃₈	2001 02 28.6	10 46.58 +06 36.7 16.8	-1.07 + 2.6	0.5/29.0	10920	2000 AW ₁₃₈	2001 03 01.0	10 47.96 +31 37.5 18.9	-1.01 + 4.9	7.9/21.2	10946
1997 AV ₃	2001 02 28.6	10 46.65 +05 29.1 17.8	-0.98 + 7.2	0.9/01.4	10311	2000 AS ₁₇₅	2001 03 01.0	10 47.98 -12 25.2 17.9	-0.71 + 4.5	5.3/07.7	10947
2000 AE ₁₀	2001 02 28.6	10 46.66 +32 41.6 18.6	-1.02 + 3.5	7.5/20.7	10943	1999 UV ₃₂	2001 03 01.0	10 48.06 +09 37.4 22.1	-0.95 + 5.4	0.6/28.4	1193
1999 XG ₁₅₃	2001 02 28.6	10 46.75 +11 21.8 19.6	-0.97 + 5.3	1.2/27.6	10940	1998 HU ₉₆	2001 03 01.0	10 48.07 +05 08.1 19.4	-0.96 + 6.9	0.8/01.8	10853
1999 TB ₁₅₃	2001 02 28.6	10 46.78 +06 05.1 19.6	-0.91 + 7.9	0.6/01.2	10445	1998 QC ₄₁	2001 03 01.0	10 48.08 +04 03.7 17.7	-0.96 + 2.4	1.2/02.0	10861
1998 OS ₁₁	2001 02 28.6	10 46.81 -00 17.6 19.5	-0.86 + 3.3	2.2/03.0	3245	1999 SP ₂	2001 03 01.0	10 48.11 +12 47.7 18.7	-1.25 - 0.1	1.7/27.9	37302
1993 RT ₅	2001 02 28.7	10 46.73 +17 48.9 18.7	-0.90 + 1.7	2.8/25.9	10830	2001 DO ₁₆	2001 03 01.0	10 48.21 +17 20.9 18.6	-1.04 + 6.5	3.5/26.1	10797
1999 XQ ₃	2001 02 28.7	10 46.74 -10 43.3 19.7	-0.84 + 6.2	5.5/06.8	40403	1999 TL ₁₂₃	2001 03 01.0	10 48.27 +07 08.2 18.3	-0.91 + 8.1	0.2/01.2	10910
1998 HN ₁₂₃	2001 02 28.7	10 46.89 +19 20.4 18.5	-0.97 + 7.8	4.0/24.9	10853	1995 UG ₇	2001 03 01.0	10 48.29 +16 55.6 18.4	-1.00 + 4.5	3.2/26.3	10832
1999 TK ₁₂₃	2001 02 28.7	10 46.89 +11 42.0 19.4	-0.93 + 6.3	1.3/27.5	10440	1999 TQ ₁₅₁	2001 03 01.0	10 48.31 +24 09.6 20.6	-1.07 + 2.5	5.2/24.5	316
1998 QJ ₇₆	2001 02 28.7	10 46.93 -11 26.6 17.4	-0.84 + 4.9	5.9/06.8	10863	1999 RO ₈₇	2001 03 01.1	10 48.27 +10 11.9 19.8	-1.04 + 4.6	0.9/28.4	641
2001 CR ₄₄	2001 02 28.7	10 47.05 +30 43.5 18.8	-1.09 + 1.7	9.0/21.9	10788	1999 XE ₂₂₅	2001 03 01.1	10 48.29 +07 52.5 19.4	-0.53 + 3.1	0.1/01.0	10942
1999 TA ₁₇₃	2001 02 28.7	10 47.07 +14 04.5 19.5	-0.87 + 5.8	2.1/26.8	10449	1995 WZ ₁	2001 03 01.1	10 48.29 -06 53.2 18.5	-0.89 + 5.3	4.9/05.7	10833
1999 VE ₈₉	2001 02 28.7	10 47.07 -00 45.4 18.7	-0.96 + 7.0	3.1/03.4	1203	2000 AA ₁₄₉	2001 03 01.1	10 48.32 +14 15.0 18.2	-0.75 + 7.4	1.9/26.9	10947
1998 QG ₄₀	2001 02 28.7	10 47.07 +04 01.0 18.9	-0.85 + 7.5	1.1/02.0	10861	1999 RD ₁₀₆	2001 03 01.1	10 48.34 -00 02.0 19.6	-0.99 + 7.1	2.8/03.5	40364
1992 EQ ₁₃	2001 02 28.7	10 47.08 +01 45.7 18.7	-0.86 + 4.5	1.9/02.6	10827	1999 XA ₉₀	2001 03 01.1	10 48.34 -04 12.3 18.7	-0.65 + 3.5	3.0/04.9	10937
1999 TQ ₂	2001 02 28.7	10 47.11 +17 39.9 18.8	-0.78 + 9.4	2.8/25.3	10413	2001 DN ₁₆	2001 03 01.1	10 48.42 +18 33.6 19.6	-1.00 + 7.5	3.8/25.6	10797
1998 OA ₄	2001 02 28.8	10 47.22 +04 07.7 20.1	-0.85 + 5.7	1.2/01.9	35709	1993 FY ₃₅	2001 03 01.1	10 48.45 +24 18.6 17.3	-1.14 + 0.2	6.4/24.9	10829
3109 T-1	2001 02 28.8	10 47.26 +02 36.3 18.5	-0.94 + 5.7	1.8/02.4	38907	1999 VX ₁₈₈	2001 03 01.1	10 48.54 -03 58.3 17.9	-0.96 + 7.8	4.5/04.8	10930
2001 DF ₁₆	2001 02 28.8	10 47.28 +19 57.0 17.8	-1.03 + 4.9	5.4/25.2	10796	1999 XW ₅₄	2001 03 01.1	10 48.55 +06 21.3 18.6	-0.81 + 5.4	0.4/01.6	10935
1999 TK ₄₀	2001 02 28.8	10 47.30 +15 25.1 18.0	-0.98 + 5.7	3.3/26.5	10906	2001 BY ₅₀	2001 03 01.1	10 48.56 +21 55.8 18.4	-1.04 + 5.3	5.8/24.8	10714
1999 VK ₂₅	2001 02 28.8	10 47.37 -00 43.2 18.8	-0.88 + 4.7	2.5/03.4	38106	1999 RG	2001 03 01.1	10 48.57 +13 35.9 18.8	-1.00 + 7.1	2.1/27.3	10358
1999 XM ₂₂	2001 02 28.8	10 47.45 +24 51.0 19.4	-0.95 + 4.6	5.3/23.5	10934	1998 FD ₇₈	2001 03 01.1	10 48.57 +07 47.4 18.6	-0.98 +10.2	0.1/01.1	32070
1999 XO ₁₂₃	2001 02 28.8	10 47.46 -14 44.8 18.8	-0.82 + 3.3	6.5/08.2	10557	1998 RK ₂₄	2001 03 01.1	10 48.58 +13 36.5 18.2	-0.82 + 9.3	2.1/27.1	10865
1997 AL ₂₁	2001 02 28.8	10 47.47 +17 51.8 17.5	-1.03 + 3.4	4.1/26.0	10311	1999 XR ₆₀	2001 03 01.1	10 48.58 +11 41.0 19.6	-0.84 + 5.6	1.2/27.9	10936
1999 RF ₁₇₁	2001 02 28.8	10 47.50 +11 26.4 19.2	-1.11 + 4.5	1.6/27.8	38563	1999 XZ ₂₆	2001 03 01.1	10 48.58 +10 49.2 18.8	-0.77 + 5.1	1.0/28.1	10536
1999 RH ₁₀₃	2001 02 28.8	10 47.50 -08 26.8 18.7	-0.90 + 7.9	5.3/06.3	40363	1999 VX ₄₆	2001 03 01.1	10 48.60 +24 02.4 19.2	-1.09 + 5.1	5.4/24.2	38113

9555 P-L	2001 03 01.1	10 48.64 +15 35.5 19.4	-0.84 + 3.7	2.4/26.8	11064	2001 BB ₄₈	2001 03 01.6	10 50.22 +05 21.4 17.9	-0.89 + 3.2	0.6/02.2	10712
1999 VC ₈₉	2001 03 01.1	10 48.64 +03 36.6 18.8	-0.92 + 6.5	1.4/02.4	331	2001 DD ₁₇	2001 03 01.6	10 50.30 +19 15.9 18.9	-0.85 + 3.2	3.3/26.0	10797
1999 XD ₁₅₅	2001 03 01.1	10 48.65 -06 25.4 19.5	-0.74 + 4.8	3.6/05.8	40420	1998 SG	2001 03 01.6	10 50.31 +08 03.0 17.5	-0.98 + 1.8	0.2/01.5	10867
2000 YH ₁₀₄	2001 03 01.1	10 48.68 +05 59.2 16.4	-1.15 - 3.0	0.6/01.5	11019	1999 XD ₃₀	2001 03 01.6	10 50.34 +03 36.4 18.3	-0.72 + 6.1	1.2/02.9	10934
1998 HB ₂₉	2001 03 01.2	10 48.62 +02 19.9 18.0	-0.88 +14.9	1.8/03.1	10851	1999 RT ₁₆₄	2001 03 01.6	10 50.34 +03 44.3 19.8	-1.08 + 3.7	1.3/02.6	10393
1999 RL ₁₁₄	2001 03 01.2	10 48.65 +04 08.9 18.0	-0.93 + 9.4	1.4/02.3	10893	2001 CH ₃₅	2001 03 01.6	10 50.36 +42 07.2 17.8	-1.11 +14.2	14.8/14.8	11048
1999 VM ₁₆₉	2001 03 01.2	10 48.65 -09 32.2 18.5	-0.94 + 4.3	6.2/06.3	10929	2000 AV ₇₂	2001 03 01.6	10 50.37 +30 40.6 17.8	-0.84 + 5.3	6.9/21.5	10944
1996 XN ₃₂	2001 03 01.2	10 48.72 +21 16.5 19.2	-0.99 + 5.5	5.4/25.0	10836	1999 XD ₂₄₃	2001 03 01.6	10 50.40 +26 25.9 19.1	-0.91 + 6.1	5.9/23.4	10571
1998 QG ₄₆	2001 03 01.2	10 48.81 +07 49.2 19.4	-0.72 + 4.8	0.1/01.2	10861	1999 XY ₁₀₉	2001 03 01.6	10 50.46 +10 12.4 18.7	-0.89 + 6.4	0.9/28.8	10938
2000 AA ₁₈₈	2001 03 01.2	10 48.83 +19 44.8 19.9	-0.81 + 7.2	3.3/25.1	3498	1997 CG ₂	2001 03 01.6	10 50.49 +06 28.2 20.4	-0.97 + 5.3	0.3/02.0	9688
1998 QR ₁₇	2001 03 01.2	10 48.85 +03 20.1 17.6	-0.87 + 4.1	1.4/02.5	10860	1999 RA ₂₁₃	2001 03 01.6	10 50.50 -09 49.1 18.1	-0.81 + 7.0	6.2/07.6	10900
1999 VO ₁₈₃	2001 03 01.2	10 48.86 +18 25.8 19.8	-1.06 + 5.6	3.9/26.0	10519	1999 XL ₁₅₃	2001 03 01.6	10 50.52 +26 06.1 17.8	-0.88 + 4.1	5.7/23.6	10561
1999 TW ₂₆₇	2001 03 01.2	10 48.89 -09 05.4 19.6	-0.94 + 3.8	5.7/06.3	6258	1988 CR ₄	2001 03 01.6	10 50.53 +01 50.5 16.7	-0.67 +13.4	2.3/03.8	10825
1999 RR ₁₁₀	2001 03 01.2	10 48.97 -00 57.0 19.2	-1.01 + 4.3	3.0/03.7	40364	1999 RT ₈₁	2001 03 01.7	10 50.48 +06 23.0 18.8	-1.01 + 3.0	0.3/02.0	40361
1999 XT ₂₃	2001 03 01.2	10 49.04 +08 50.4 19.0	-0.76 + 4.9	0.4/28.9	10535	1999 TD ₁₂	2001 03 01.7	10 50.52 +11 28.9 19.0	-0.93 + 6.3	1.3/28.4	40378
2001 DU ₂₉	2001 03 01.3	10 49.02 +15 14.8 19.2	-0.95 + 4.4	2.8/27.0	10802	1999 RF ₄₂	2001 03 01.7	10 50.53 +06 40.9 19.9	-0.90 + 4.3	0.2/01.9	10368
1994 YG	2001 03 01.3	10 49.02 +08 46.6 18.5	-0.83 + 4.8	0.4/28.9	10831	2001 DX ₂₉	2001 03 01.7	10 50.56 +12 46.2 18.8	-0.91 + 4.6	2.2/28.1	10802
2000 AK ₁₆₉	2001 03 01.3	10 49.07 +06 25.6 19.6	-0.71 + 6.4	0.3/01.7	10947	3054 T-3	2001 03 01.7	10 50.68 +13 56.8 19.6	-0.81 + 3.8	1.8/27.7	6168
1999 TD ₂₁	2001 03 01.3	10 49.09 +10 00.6 19.2	-0.93 + 3.2	0.7/28.6	10423	1999 TZ ₁₁₉	2001 03 01.7	10 50.73 +11 59.5 19.3	-0.93 + 1.9	1.5/28.5	10439
1999 VH ₅₁	2001 03 01.3	10 49.09 -11 28.3 20.8	-0.87 + 5.2	5.4/07.5	675	2000 AA ₁₆₀	2001 03 01.7	10 50.73 +12 09.1 18.3	-0.52 + 2.4	0.8/28.2	10586
1999 VY ₆₇	2001 03 01.3	10 49.13 +25 34.0 19.1	-0.86 + 3.6	5.5/23.7	38120	1999 XC ₂₁	2001 03 01.7	10 50.75 -00 45.4 19.2	-0.89 + 6.5	2.6/04.3	687
1999 VY ₁₉	2001 03 01.3	10 49.16 +12 49.6 20.1	-0.96 + 5.6	1.7/27.7	9240	1999 VD ₈₉	2001 03 01.7	10 50.77 -04 18.5 19.9	-0.80 + 6.2	3.5/05.6	2684
3574 T-3	2001 03 01.3	10 49.18 +01 03.6 18.1	-0.72 + 7.1	1.9/03.5	11067	1993 TZ ₁₃	2001 03 01.7	10 50.77 +01 08.3 19.4	-0.71 + 6.3	1.6/03.8	38030
1999 VU ₁₃₇	2001 03 01.3	10 49.19 +08 35.1 18.7	-0.83 + 4.5	0.3/01.0	10928	2001 DJ ₁₆	2001 03 01.7	10 50.77 +19 31.0 17.9	-0.84 + 8.7	4.4/25.5	10796
1993 UH	2001 03 01.3	10 49.20 -23 53.5 19.3	-0.73 + 5.9	7.6/13.2	1887	1996 YR ₁	2001 03 01.7	10 50.85 -00 04.8 18.2	-0.99 + 3.2	3.0/03.8	10836
1999 VE ₅₆	2001 03 01.3	10 49.21 +23 15.0 17.6	-0.94 + 2.9	6.1/24.6	10924	1999 XP ₉₇	2001 03 01.7	10 50.88 +23 47.5 17.9	-0.91 + 4.8	5.0/24.5	10937
1999 XB ₁	2001 03 01.3	10 49.27 +17 46.3 17.8	-0.70 + 5.3	2.6/25.9	10932	1999 XW ₂₁₂	2001 03 01.8	10 50.88 +06 50.1 19.3	-0.85 + 6.9	0.2/02.0	10942
1414 T-2	2001 03 01.3	10 49.28 -02 10.7 19.2	-0.80 + 8.9	3.4/04.7	11065	1999 TY ₁₄	2001 03 01.8	10 50.89 +11 25.5 20.7	-0.87 + 5.5	1.1/28.5	40379
1999 UG ₈	2001 03 01.3	10 49.29 +05 16.9 19.7	-0.95 + 5.7	0.7/02.0	40384	1999 MA ₂	2001 03 01.8	10 50.90 +34 57.4 16.7	-0.98 +21.0	11.6/17.5	10884
1999 YB ₁₅	2001 03 01.3	10 49.29 +18 28.0 19.8	-0.84 + 5.5	3.1/25.9	6264	2000 YW ₁₈	2001 03 01.8	10 50.90 -03 13.2 17.7	-0.95 - 0.7	3.2/04.4	10653
1997 MQ ₆	2001 03 01.3	10 49.31 +34 04.2 19.4	-0.84 + 4.1	6.4/20.3	10841	1993 TB ₆	2001 03 01.8	10 50.96 +08 51.2 18.2	-0.80 + 3.6	0.4/01.4	37637
1999 UE ₈	2001 03 01.3	10 49.40 +06 39.0 19.5	-0.85 + 4.8	0.3/01.6	10469	1997 ER ₂₅	2001 03 01.8	10 50.97 +17 03.7 19.0	-0.97 + 4.3	3.5/26.9	10839
1999 VW ₆₉	2001 03 01.3	10 49.42 +03 15.0 19.5	-1.03 + 6.6	1.5/02.7	677	1999 RQ ₄₇	2001 03 01.8	10 51.02 +04 50.7 19.4	-1.01 + 6.4	0.9/02.6	5594
1999 SU ₁₀	2001 03 01.4	10 49.61 +24 34.5 19.1	-0.85 + 4.3	5.2/24.1	10408	1999 XL ₁₀₆	2001 03 01.8	10 51.05 -15 37.6 18.4	-0.87 + 5.8	7.8/09.6	10549
1999 VG ₂₈	2001 03 01.4	10 49.62 -01 46.1 19.8	-0.93 + 6.0	3.1/04.3	10923	1999 RH ₉₄	2001 03 01.8	10 51.08 +11 25.5 20.1	-0.97 + 6.3	1.3/28.6	38076
2001 BW ₅₀	2001 03 01.4	10 49.65 +23 18.2 18.0	-0.89 + 9.0	5.0/23.8	10713	1999 VS ₁₉₉	2001 03 01.8	10 51.09 +06 35.6 18.6	-0.79 + 9.9	0.3/02.1	10930
1999 RR ₈₉	2001 03 01.4	10 49.76 +13 09.3 19.5	-0.98 + 4.4	2.0/27.8	10376	1999 RZ ₁₆₇	2001 03 01.8	10 51.11 +11 38.5 18.4	-1.11 + 2.9	1.7/28.7	10394
1999 SJ ₅	2001 03 01.4	10 49.77 +10 36.6 19.7	-0.97 + 5.8	1.0/28.5	10902	1999 XU ₄₆	2001 03 01.8	10 51.11 +09 03.9 19.0	-0.83 + 4.5	0.6/01.3	10935
2001 BN ₃₄	2001 03 01.4	10 49.79 +03 05.3 17.9	-1.07 + 1.9	2.0/02.6	11034	1999 VM ₆₃	2001 03 01.8	10 51.24 -01 48.7 19.9	-0.84 + 5.8	2.5/05.0	5654
1996 BW ₈	2001 03 01.5	10 49.74 -02 18.9 20.0	-0.86 + 4.1	2.9/04.5	3141	1999 TX ₁₂₀	2001 03 01.8	10 51.26 +07 06.2 20.0	-0.94 + 5.0	0.1/01.9	10910
1983 RS ₄	2001 03 01.5	10 49.76 -04 37.6 17.4	-1.05 + 1.9	4.1/04.6	10824	1999 TX ₁₇₄	2001 03 01.9	10 51.27 +03 09.3 17.7	-0.99 + 4.2	1.7/03.1	10449
2000 CZ ₃₄	2001 03 01.5	10 49.77 +09 44.1 19.4	-0.48 + 3.5	0.4/28.7	10950	1999 XJ ₁₅₄	2001 03 01.9	10 51.31 -06 29.2 18.6	-0.77 + 5.2	4.0/06.4	10940
1999 VW ₈₃	2001 03 01.5	10 49.81 +04 23.1 18.8	-0.88 + 5.3	1.1/02.5	10926	2000 YF ₁₄₀	2001 03 01.9	10 51.39 +32 45.1 17.7	-1.08 + 1.4	10.7/21.9	10671
1998 QX ₂₇	2001 03 01.5	10 49.82 +02 04.5 19.5	-0.80 + 3.2	1.4/03.1	9715	1994 YU	2001 03 01.9	10 51.48 -05 29.3 17.4	-0.80 + 3.3	3.5/05.8	9678
1999 XN ₁₂₅	2001 03 01.5	10 49.85 +30 19.1 17.5	-1.12 + 3.0	8.6/22.3	10939	1999 TM ₁₁₆	2001 03 01.9	10 51.50 +09 06.4 18.3	-0.98 + 5.4	0.7/01.4	10438
1999 TL ₁₀₂	2001 03 01.5	10 49.93 +10 37.6 19.5	-0.88 + 8.5	0.9/28.5	10909	1999 RX ₁₀	2001 03 01.9	10 51.52 +05 55.8 19.8	-1.04 + 6.1	0.5/02.4	638
1999 XJ ₃₇	2001 03 01.5	10 50.12 +31 55.3 18.2	-0.94 + 5.1	7.0/21.4	10934	1999 UF ₂₃	2001 03 01.9	10 51.55 +26 14.1 19.5	-1.01 + 3.0	5.8/24.4	671
2000 AF ₂₁₀	2001 03 01.5	10 50.16 +06 49.9 19.7	-0.76 + 4.8	0.2/01.8	10948	1999 RC ₉₂	2001 03 01.9	10 51.56 +09 24.2 19.0	-0.97 + 4.1	0.7/01.4	40362
1991 RK ₃	2001 03 01.6	10 50.12 +09 21.6 17.2	-1.08 + 1.5	0.7/01.1	10826	1999 VH ₁₄₂	2001 03 01.9	10 51.66 +05 50.6 18.1	-0.92 + 6.8	0.6/02.4	9261
1999 VM ₁₉₄	2001 03 01.6	10 50.21 +29 44.9 20.4	-0.96 + 5.3	6.4/22.3	2690	1998 UG ₄	2001 03 02.0	10 51.65 +24 07.9 19.5	-0.82 + 3.1	4.3/24.7	10872
1981 EB ₁₆	2001 03 01.6	10 50.22 +00 08.6 18.0	-1.00 + 5.0	3.2/03.7	10823	1986 QW ₁	2001 03 02.0	10 51.67 +09 50.9 18.9	-0.74 + 4.5	0.7/01.2	10824

1997 LF ₅	2001 03 02.0	10 51.69 +15 40.4 19.7	-0.76 + 7.1	2.5/27.2	9691	1998 FN ₅₃	2001 03 02.4	10 53.39 +01 53.3 17.1	-1.02 + 7.2	2.1/04.1	10847
1995 VH ₁₈	2001 03 02.0	10 51.70 +05 00.4 21.2	-0.91 + 5.6	0.7/02.7	1901	1993 TV ₃	2001 03 02.4	10 53.49 +08 51.6 19.1	-0.79 + 3.7	0.5/01.9	9674
1999 XP ₁₁₅	2001 03 02.0	10 51.84 -15 17.4 19.9	-0.88 + 4.4	7.1/09.4	6263	1999 TL ₁₂₇	2001 03 02.4	10 53.51 +01 08.0 18.9	-0.88 + 7.6	2.0/04.4	1490
1999 XB ₇	2001 03 02.0	10 51.94 +13 57.7 19.1	-0.81 + 3.8	2.0/28.0	38581	2001 BF ₅₀	2001 03 02.4	10 53.53 -13 08.2 18.4	-0.99 + 1.8	7.7/08.3	11036
1322 T-2	2001 03 02.0	10 51.96 +07 31.4 19.5	-0.93 + 6.6	0.1/02.0	9935	1998 SV ₁₃₄	2001 03 02.5	10 53.47 +08 53.2 18.6	-0.71 + 4.6	0.4/01.9	10871
1999 SN ₁	2001 03 02.0	10 51.97 +30 19.8 16.7	-1.10 + 2.1	8.5/23.0	10902	1999 VY ₁₉₁	2001 03 02.5	10 53.48 +02 15.4 18.2	-0.87 + 6.6	1.7/04.0	1216
1999 VW ₆	2001 03 02.0	10 52.01 +10 10.3 17.6	-0.83 + 9.4	0.9/01.1	10921	2001 DB ₆₉	2001 03 02.5	10 53.59 +05 13.6 17.9	-0.71 + 7.3	0.6/03.2	10812
2839 P-L	2001 03 02.0	10 52.05 +08 41.6 18.0	-0.93 + 4.2	0.6/01.7	11063	1999 TD ₂₃₃	2001 03 02.5	10 53.62 -28 46.5 17.3	-1.04 + 5.7	15.7/15.6	9763
1993 BZ ₂	2001 03 02.0	10 52.06 -03 13.6 18.5	-1.04 + 2.8	3.9/05.0	8374	2001 CD ₄₂	2001 03 02.5	10 53.65 +28 04.1 18.9	-0.91 + 2.4	5.5/23.9	10786
1999 VN ₂₁₀	2001 03 02.1	10 52.04 -04 51.5 18.9	-0.91 + 9.0	4.5/06.1	10931	1992 SW ₁₄	2001 03 02.5	10 53.74 +10 10.5 18.1	-1.30 - 0.5	1.1/01.9	10828
1994 TO ₂	2001 03 02.1	10 52.05 +19 21.3 17.5	-0.91 + 3.6	3.5/26.5	10831	1999 XF ₁₃₀	2001 03 02.5	10 53.80 +21 36.5 18.1	-0.86 + 3.4	4.0/26.1	10939
1999 SD ₂₂	2001 03 02.1	10 52.06 +14 34.9 20.1	-0.95 + 5.1	2.4/27.9	6254	1998 HA ₁₂₃	2001 03 02.5	10 53.84 +20 53.5 18.9	-1.06 + 6.9	5.5/26.1	10324
2001 DE ₃₃	2001 03 02.1	10 52.08 +12 49.0 18.5	-0.92 + 3.6	2.3/28.5	10802	1997 AU ₁₈	2001 03 02.5	10 53.92 +19 49.5 17.9	-0.93 + 7.3	5.0/26.4	10837
2000 YQ ₁₂₀	2001 03 02.1	10 52.17 +17 56.6 17.5	-0.99 - 0.4	3.6/27.4	11021	2251 T-3	2001 03 02.6	10 53.85 +19 09.8 19.2	-0.97 + 2.9	3.5/27.1	10818
1991 XB ₁	2001 03 02.1	10 52.35 +31 58.4 17.0	-0.96 + 5.3	9.2/22.0	10827	1998 OX ₁₄	2001 03 02.6	10 53.86 +00 48.4 17.2	-1.03 + 1.5	2.2/04.2	10859
2000 AZ ₁₅₁	2001 03 02.1	10 52.36 +09 27.5 17.9	-0.90 + 7.4	0.8/01.5	10947	1998 KF ₂₈	2001 03 02.6	10 54.03 -01 11.8 18.0	-1.04 + 4.5	3.1/04.9	10855
1999 XM ₁₄	2001 03 02.1	10 52.40 +10 57.9 18.0	-0.90 + 3.9	1.2/01.1	10933	1999 UM ₁₅	2001 03 02.6	10 54.13 +18 10.3 17.6	-1.11 + 3.6	4.8/27.5	10918
2061 T-3	2001 03 02.2	10 52.40 +01 10.4 19.8	-0.97 + 6.3	2.1/04.0	2804	1999 RW ₂₃	2001 03 02.6	10 54.13 +13 37.1 19.5	-1.04 + 4.7	2.2/28.8	40356
1999 XP ₄	2001 03 02.2	10 52.46 +11 36.9 19.0	-0.83 + 5.7	1.5/28.8	10530	1998 DW	2001 03 02.6	10 54.18 -18 57.1 17.9	-1.50 - 6.3	13.3/07.4	10844
1999 XN ₅	2001 03 02.2	10 52.51 +05 52.5 19.1	-0.81 + 5.1	0.4/02.6	10932	1998 HW ₈₉	2001 03 02.6	10 54.19 -00 10.1 18.7	-1.01 + 5.5	3.0/04.8	10852
1999 WO	2001 03 02.2	10 52.51 +12 35.5 19.9	-0.97 + 5.8	1.7/28.6	10931	2001 AS ₄₇	2001 03 02.6	10 54.23 +57 04.2 17.5	-1.35 + 1.0	21.0/13.0	11029
1998 FL ₅₀	2001 03 02.2	10 52.52 +13 16.6 18.3	-1.13 + 4.7	2.2/28.5	10847	1999 UV ₁₁	2001 03 02.6	10 54.28 +09 35.1 19.7	-0.92 + 5.7	1.0/01.9	10918
1999 TX ₁₀₅	2001 03 02.2	10 52.58 +00 36.5 19.0	-0.78 + 6.7	1.9/04.4	10909	1998 SX ₁₄₄	2001 03 02.7	10 54.25 +09 26.2 19.4	-0.73 + 4.8	0.6/01.9	10871
1993 UB ₇	2001 03 02.2	10 52.59 +40 51.4 18.1	-1.01 + 1.9	8.9/18.7	9675	1999 SV ₁₃	2001 03 02.7	10 54.26 +09 00.1 20.8	-0.99 + 5.4	0.7/02.1	1469
1981 RX ₁	2001 03 02.2	10 52.62 -11 21.5 18.2	-0.87 + 3.9	5.4/08.0	9664	1999 VH ₄₆	2001 03 02.7	10 54.30 -09 32.6 20.3	-0.91 + 6.0	5.0/08.0	38113
1999 TN ₅	2001 03 02.2	10 52.64 +06 20.1 18.9	-0.94 + 6.7	0.3/02.5	10414	1999 XH ₂₀₁	2001 03 02.7	10 54.31 +12 05.5 18.4	-0.80 + 3.5	1.4/01.2	10941
2000 AC ₁₉	2001 03 02.2	10 52.68 -06 30.6 17.9	-0.79 + 3.3	4.4/06.4	10575	2000 AC ₂₁₅	2001 03 02.7	10 54.41 +19 26.4 18.8	-0.81 + 5.2	3.4/26.7	10591
1998 JS	2001 03 02.2	10 52.72 -00 43.1 18.3	-1.00 + 5.4	2.8/04.6	10854	1997 GM ₂₁	2001 03 02.7	10 54.45 +07 24.4 19.1	-0.87 + 5.0	0.1/02.6	10840
1999 UW ₄₀	2001 03 02.2	10 52.74 +25 51.0 19.0	-1.05 + 0.4	6.6/25.2	10474	2000 WD ₆₃	2001 03 02.7	10 54.56 +52 42.4 16.1	-0.89 + 8.2	19.9/13.0	10644
1999 XY ₁₀₇	2001 03 02.2	10 52.78 +10 52.6 18.3	-0.89 + 6.0	1.3/01.1	10937	1999 RA ₁₆₈	2001 03 02.7	10 54.58 +10 19.8 17.4	-1.05 + 4.5	1.2/01.8	10897
2054 P-L	2001 03 02.3	10 52.72 -01 50.4 16.8	-0.89 + 6.6	4.0/05.0	11063	1999 RH ₈₃	2001 03 02.7	10 54.59 +06 50.8 19.1	-0.84 +10.3	0.0/02.8	10891
1999 RW ₃₃	2001 03 02.3	10 52.73 +02 39.4 18.1	-0.80 +10.0	1.6/03.9	10889	2000 YQ ₁₃₂	2001 03 02.7	10 54.61 -12 18.4 17.5	-1.03 - 1.1	7.6/07.7	11022
1999 TP ₄₀	2001 03 02.3	10 52.74 +15 25.3 19.8	-1.03 + 5.0	3.0/27.9	10427	1996 AQ	2001 03 02.7	10 54.66 +13 42.5 18.6	-0.85 + 5.5	2.2/28.7	10833
1998 KE ₄₇	2001 03 02.3	10 52.75 +01 31.8 18.0	-0.98 + 6.4	2.2/04.0	10856	2000 AX ₁₃₉	2001 03 02.8	10 54.60 +12 53.9 18.8	-0.92 + 7.8	2.0/28.9	10946
1998 QD ₇₃	2001 03 02.3	10 52.88 -02 50.7 18.3	-0.78 + 7.7	3.0/05.7	10862	1999 VS ₄₄	2001 03 02.8	10 54.64 +02 08.6 19.8	-0.91 + 4.6	1.5/04.3	1523
1998 RM ₇₅	2001 03 02.3	10 52.93 +14 36.5 18.5	-0.79 + 3.4	2.0/28.1	10867	1999 TY ₁₄₄	2001 03 02.8	10 54.72 +08 48.4 18.4	-1.02 + 3.4	0.7/02.3	10444
1999 ST ₁₁	2001 03 02.3	10 52.99 +19 35.2 18.8	-1.03 + 5.2	4.3/26.6	10902	1998 FR ₄₈	2001 03 02.8	10 54.72 +03 09.0 19.1	-1.03 + 6.3	1.4/04.0	9698
1998 RH ₆	2001 03 02.3	10 53.00 +08 31.4 20.5	-0.75 + 4.4	0.4/01.9	3897	1999 VU ₆₄	2001 03 02.8	10 54.74 +11 17.3 18.8	-0.80 + 4.5	1.4/01.5	10925
1999 XB ₁₁₅	2001 03 02.3	10 53.01 -00 01.0 17.2	-1.09 - 0.6	2.9/04.0	10938	1986 PP	2001 03 02.8	10 54.79 +09 45.3 19.1	-0.86 + 5.8	0.8/02.0	40292
1999 RS ₅₆	2001 03 02.3	10 53.02 +05 24.3 18.7	-0.96 + 7.8	0.7/02.9	10891	1999 TZ ₁₉₇	2001 03 02.8	10 54.83 +25 14.3 19.5	-1.10 + 1.6	6.1/25.7	10455
1999 TW ₂₃₈	2001 03 02.3	10 53.05 +17 31.7 19.1	-0.88 + 5.3	3.6/27.1	10460	2000 XU ₄₉	2001 03 02.8	10 54.84 +23 41.2 16.8	-0.96 + 2.3	5.3/25.9	11012
1999 XG ₂₁₄	2001 03 02.3	10 53.12 +21 54.3 17.2	-0.79 + 6.6	4.4/25.3	10942	1999 VK ₉₁	2001 03 02.8	10 54.85 +01 06.4 20.0	-0.80 + 6.2	1.7/05.0	2684
1998 RT ₅₁	2001 03 02.4	10 53.12 -00 24.8 19.6	-0.75 + 4.1	2.0/04.8	39219	1999 XL ₁₀	2001 03 02.8	10 54.87 -09 30.4 19.9	-0.91 + 4.8	4.9/08.0	1546
1995 DZ ₃	2001 03 02.4	10 53.15 -02 52.1 18.5	-0.80 + 2.2	2.4/05.3	10832	1999 VY ₁₄₃	2001 03 02.8	10 54.94 +16 50.4 17.7	-1.06 + 3.6	3.9/28.0	10511
1999 TV	2001 03 02.4	10 53.28 +03 59.4 19.9	-0.92 + 6.0	0.9/03.4	40375	1995 VA	2001 03 02.8	10 55.00 -14 25.3 18.5	-0.85 + 7.0	7.2/10.3	40309
1999 XA ₁₁₂	2001 03 02.4	10 53.28 +06 47.1 18.2	-0.78 + 4.4	0.1/02.5	37938	1997 VE ₇	2001 03 02.8	10 55.01 +08 10.1 18.4	-0.95 + 4.3	0.4/02.5	10839
1999 TN ₂₉₁	2001 03 02.4	10 53.28 +07 03.4 18.0	-0.97 + 9.0	0.0/02.5	10917	1999 TX ₁₀₂	2001 03 02.8	10 55.02 +12 55.3 18.5	-0.76 +11.9	2.2/28.7	10909
2001 DZ	2001 03 02.4	10 53.30 +09 50.0 18.9	-0.99 + 3.4	1.1/01.7	10789	1995 CM ₆	2001 03 02.8	10 55.02 +05 46.0 19.9	-0.73 + 5.0	0.3/03.3	9679
1996 UH ₄	2001 03 02.4	10 53.31 +13 24.3 19.9	-1.08 + 5.7	2.2/28.6	32954	6716 P-L	2001 03 02.9	10 54.97 +18 00.1 19.3	-0.96 + 2.0	3.6/27.8	6146
1999 VE ₇₃	2001 03 02.4	10 53.33 +09 32.2 21.3	-0.98 + 5.2	0.8/01.7	1526	1999 UQ ₂₅	2001 03 02.9	10 55.10 +00 29.1 18.4	-0.83 + 5.3	2.0/05.0	10472
1999 VM ₁₉₂	2001 03 02.4	10 53.36 +09 47.3 18.0	-1.06 + 3.1	1.1/01.7	10520	1999 RU ₁₃₉	2001 03 02.9	10 55.11 +03 01.7 19.6	-1.07 + 5.6	1.5/04.0	9744

1998 KK ₇	2001 03 02.9	10 55.11 -02 42.1 17.0	-0.87 + 9.0	4.3/06.2	10855	1999 XU ₃₆	2001 03 03.2	10 56.45 -14 33.3 18.0	-0.94 + 3.4	6.9/09.8	40409
1978 UA ₅	2001 03 02.9	10 55.20 +07 43.4 19.5	-1.02 + 5.2	0.3/02.7	36500	1998 RR ₆₁	2001 03 03.2	10 56.52 +02 34.1 18.5	-0.69 + 4.4	1.0/04.7	10866
1999 XZ ₄₁	2001 03 02.9	10 55.27 -13 10.5 17.9	-0.86 + 5.6	6.5/09.6	10935	1998 HL ₉₃	2001 03 03.3	10 56.47 +00 35.6 18.0	-1.01 + 6.1	2.3/05.0	38777
1999 VT ₅	2001 03 02.9	10 55.29 +09 34.2 19.1	-0.88 + 4.1	0.8/02.2	10921	1996 GA ₁	2001 03 03.3	10 56.50 +09 18.0 18.8	-0.80 + 4.7	0.8/02.5	10834
1999 RA ₁₁₁	2001 03 02.9	10 55.33 +31 00.5 17.9	-1.55 - 5.7	9.4/26.4	10893	1991 SJ ₂	2001 03 03.3	10 56.51 +01 06.2 19.4	-0.98 + 3.7	1.8/04.9	37629
2001 DD ₁₂	2001 03 02.9	10 55.37 +13 17.5 19.0	-0.80 + 9.8	2.0/28.7	10794	1999 VY ₁₅₈	2001 03 03.3	10 56.58 +12 51.0 18.4	-0.90 + 3.6	2.2/01.5	10928
3552 P-L	2001 03 03.0	10 55.41 -13 23.7 17.8	-0.72 + 7.6	6.0/10.5	11064	1999 VL ₂₁₃	2001 03 03.3	10 56.61 +03 06.3 18.6	-0.82 + 7.9	1.2/04.6	2693
1998 SV ₁₀₇	2001 03 03.0	10 55.45 +09 37.6 19.6	-0.76 + 3.2	0.7/02.2	10870	1998 FC ₁₁₆	2001 03 03.3	10 56.63 -22 33.5 18.8	-0.92 + 9.1	9.2/14.3	6210
1999 VF ₁₉₃	2001 03 03.0	10 55.48 +18 40.3 20.0	-0.98 + 5.7	3.9/27.4	2690	2000 AS ₁₀₄	2001 03 03.3	10 56.65 +25 17.8 19.7	-0.79 + 5.8	5.1/25.0	5690
1999 XT ₁₅₇	2001 03 03.0	10 55.53 -08 40.5 18.5	-0.75 + 4.5	4.4/08.1	10940	1999 UL ₆	2001 03 03.3	10 56.67 +02 11.0 20.1	-0.85 + 6.1	1.3/05.0	40384
1999 VY ₁₇₃	2001 03 03.0	10 55.58 +02 44.9 19.2	-0.98 + 4.2	1.4/04.2	2688	1999 UJ ₁₄	2001 03 03.3	10 56.82 +08 33.9 20.0	-0.92 + 6.7	0.6/02.8	9230
1999 XH ₁₁₈	2001 03 03.0	10 55.60 +16 37.7 19.1	-0.89 + 4.0	3.1/28.1	10938	1999 XH ₅₄	2001 03 03.3	10 56.85 +08 49.2 19.9	-0.75 + 5.0	0.6/02.7	10935
1999 TG ₁₃₀	2001 03 03.0	10 55.61 +08 31.8 17.6	-0.98 + 2.6	0.7/02.6	10910	1999 XN ₈₂	2001 03 03.3	10 56.87 +04 48.7 19.2	-0.93 + 5.9	0.6/04.0	2697
1994 RF ₁₁	2001 03 03.0	10 55.66 +16 03.0 18.5	-1.64 - 3.0	4.3/01.4	10306	1999 RR ₇₄	2001 03 03.3	10 56.91 +12 14.1 17.8	-0.93 + 7.6	2.0/01.6	10891
1999 TP ₁₀₅	2001 03 03.0	10 55.67 +28 54.4 19.4	-1.00 + 0.6	6.7/24.9	10909	1999 XJ ₄₅	2001 03 03.4	10 56.85 +34 45.6 19.8	-0.90 + 3.2	7.4/22.2	40411
2000 AB ₁₄₉	2001 03 03.0	10 55.67 +25 23.6 16.5	-0.74 + 7.5	5.3/24.3	10947	1993 FS ₂₂	2001 03 03.4	10 56.93 +01 54.7 17.9	-0.89 + 5.8	1.8/05.0	1412
1999 QV ₁	2001 03 03.0	10 55.69 +05 53.6 20.1	-0.85 + 6.9	0.3/03.4	38070	1999 RL ₁₅₅	2001 03 03.4	10 56.93 +00 09.8 18.8	-0.99 + 6.4	2.4/05.4	2654
2000 YM ₁₀₅	2001 03 03.0	10 55.69 +10 19.3 17.0	-1.01 + 4.8	1.4/02.1	10661	1997 EL ₁₆	2001 03 03.4	10 56.97 +05 53.9 18.5	-0.86 + 6.0	0.3/03.7	10839
1999 TR ₁₅₆	2001 03 03.0	10 55.72 +13 02.1 18.6	-0.94 + 5.3	2.1/01.2	10912	1998 QS ₇₂	2001 03 03.4	10 56.97 -01 54.2 18.5	-0.81 +10.1	3.0/06.4	10862
1999 XN ₁₄₇	2001 03 03.0	10 55.73 +08 11.5 18.9	-0.96 + 6.0	0.5/02.7	10940	1999 VN ₁₄₄	2001 03 03.4	10 57.12 +48 44.5 18.9	-1.27 - 2.3	13.8/17.3	10928
1999 VP ₁₉₀	2001 03 03.0	10 55.74 -01 21.1 19.1	-0.92 + 6.7	2.8/05.7	1216	1999 XW ₁₈₆	2001 03 03.4	10 57.15 +18 04.5 18.6	-0.97 + 3.3	3.8/28.1	10564
1999 WC ₉	2001 03 03.0	10 55.75 +14 16.2 19.6	-1.01 + 5.2	2.4/28.9	10932	1999 TY ₁₅₄	2001 03 03.4	10 57.16 -06 44.3 18.8	-0.73 + 7.2	4.1/08.2	1497
1998 HR ₅₁	2001 03 03.0	10 55.76 +12 35.8 17.6	-1.05 + 6.9	2.5/01.3	10852	1999 XV ₁₉₁	2001 03 03.5	10 57.22 +10 28.1 18.9	-0.80 + 3.5	1.1/02.4	10565
1999 TW ₁₈₀	2001 03 03.0	10 55.78 +09 52.8 19.4	-0.89 + 6.4	1.0/02.1	10913	1996 XL ₃	2001 03 03.5	10 57.23 +05 47.6 17.8	-1.08 + 2.7	0.4/03.7	10836
1995 UJ ₃₇	2001 03 03.0	10 55.80 +17 48.1 19.5	-0.94 + 5.2	3.8/27.7	10833	1999 VA ₂	2001 03 03.5	10 57.30 -27 10.3 19.7	-0.98 + 6.0	10.0/15.6	672
1999 TL ₁₈	2001 03 03.1	10 55.72 +18 56.0 18.8	-1.03 + 4.7	4.2/27.5	10905	1999 TD ₁₉₈	2001 03 03.5	10 57.36 +08 12.9 17.8	-1.09 + 3.8	0.6/03.1	10914
4041 T-2	2001 03 03.1	10 55.73 +09 39.1 19.7	-0.89 + 4.9	0.9/02.2	11066	1999 TZ ₁₁₅	2001 03 03.5	10 57.41 +08 42.5 17.1	-1.08 + 2.5	0.9/03.0	10909
1999 XS ₂₂₀	2001 03 03.1	10 55.75 +32 57.3 18.8	-0.96 + 4.6	8.4/22.2	10568	1981 EB ₃₀	2001 03 03.5	10 57.45 +07 39.5 18.2	-1.06 + 1.5	0.3/03.3	10298
2000 AW ₅₁	2001 03 03.1	10 55.78 -05 48.4 19.1	-0.93 + 4.5	4.1/07.0	10944	1999 XY ₁₂₃	2001 03 03.5	10 57.46 +22 08.9 20.4	-1.04 + 4.0	4.7/27.0	2699
2000 AZ ₁₅₄	2001 03 03.1	10 55.79 +08 52.8 19.8	-0.83 + 4.6	0.6/02.5	10947	1999 TE ₂₇	2001 03 03.5	10 57.50 +23 54.0 19.1	-1.04 + 2.5	5.3/26.6	2659
1999 XM ₂₀	2001 03 03.1	10 55.84 +20 24.7 17.7	-1.00 + 5.3	5.2/26.9	10534	1997 NA ₃	2001 03 03.5	10 57.60 +03 07.1 19.0	-0.77 + 4.6	1.0/04.7	10841
1999 VA ₁₁	2001 03 03.1	10 55.87 -00 49.2 19.3	-0.87 + 5.4	2.3/05.5	40389	1998 HR ₆₇	2001 03 03.5	10 57.63 +15 28.3 17.5	-1.15 + 3.9	3.6/01.1	10852
1995 QC ₄	2001 03 03.1	10 55.94 +05 45.4 19.7	-1.03 + 3.3	0.4/03.4	10832	1998 QP ₄₆	2001 03 03.5	10 57.64 +04 35.2 19.6	-0.82 + 3.1	0.6/04.2	10861
1999 XB ₅₃	2001 03 03.1	10 55.96 +08 18.2 18.8	-0.79 + 4.8	0.5/02.7	10935	1999 RK ₁₅₆	2001 03 03.6	10 57.62 +02 44.4 18.3	-0.96 + 5.6	1.4/05.0	10896
1999 XN ₁₆₇	2001 03 03.1	10 55.98 +07 55.8 18.6	-0.90 + 4.7	0.3/02.8	10940	1999 WB ₆	2001 03 03.6	10 57.65 +14 15.5 18.0	-0.86 + 5.5	2.6/01.2	10931
1999 VE ₂₉	2001 03 03.1	10 55.99 +11 01.4 19.7	-0.85 + 4.9	1.2/01.9	10489	1999 RP ₁₇₆	2001 03 03.6	10 57.66 +03 10.4 18.5	-0.94 + 6.0	1.3/05.0	9747
1999 TZ ₂₅	2001 03 03.1	10 56.00 +13 50.3 19.2	-1.07 + 4.1	2.5/01.2	10905	1999 TO ₂₆₂	2001 03 03.6	10 57.67 +01 28.4 19.1	-1.05 + 4.1	2.0/05.1	10463
1998 TP ₆	2001 03 03.1	10 56.03 +15 26.2 20.7	-0.78 + 6.3	2.2/28.3	6219	2000 YD ₃₅	2001 03 03.6	10 57.72 +09 13.8 17.3	-0.95 + 7.7	1.1/02.8	11014
1994 EK ₁	2001 03 03.1	10 56.07 +16 57.4 17.1	-1.08 + 3.2	4.2/28.3	10830	2001 BC ₆₉	2001 03 03.6	10 57.82 +11 43.3 18.6	-0.99 + 6.5	1.8/02.1	10728
1998 SV ₄₃	2001 03 03.1	10 56.12 -09 27.0 20.4	-0.77 + 2.6	3.8/08.2	38504	1999 TA ₁₁₄	2001 03 03.6	10 57.83 +00 01.6 18.8	-0.83 + 6.8	2.3/05.8	1486
1991 OR	2001 03 03.1	10 56.16 +27 08.2 17.1	-1.05 +18.4	8.1/23.1	10826	1999 WD	2001 03 03.6	10 57.84 +09 30.7 18.2	-0.84 + 5.3	1.0/02.8	10931
1999 XG ₂	2001 03 03.2	10 56.12 -06 23.2 18.2	-0.85 + 5.1	3.8/07.4	10932	1998 KJ ₃₉	2001 03 03.6	10 57.84 +17 52.0 20.4	-1.01 + 5.9	3.8/28.1	10856
1999 XX ₄₁	2001 03 03.2	10 56.15 +11 04.6 19.7	-1.03 + 5.5	1.5/01.9	10935	1997 AG ₁₂	2001 03 03.6	10 57.85 +04 19.7 20.5	-0.95 + 6.1	0.8/04.4	2625
1999 TR ₁₈₆	2001 03 03.2	10 56.23 -15 22.8 18.1	-0.93 + 3.2	8.1/10.2	10452	1998 RC ₁	2001 03 03.6	10 57.88 -02 40.7 17.9	-0.74 + 6.4	2.7/06.8	10864
1999 XB ₅₄	2001 03 03.2	10 56.26 +08 35.8 19.2	-0.76 + 5.2	0.5/02.7	10543	1999 RF ₃₈	2001 03 03.6	10 57.89 +19 19.5 19.5	-0.97 + 1.6	3.7/28.2	40358
1996 XC ₂₆	2001 03 03.2	10 56.34 +04 53.0 19.1	-0.98 + 5.7	0.8/03.8	10311	1999 TJ ₃₇	2001 03 03.6	10 57.89 +15 19.1 17.0	-0.81 + 9.5	3.4/28.6	10906
1999 XB ₁₃₅	2001 03 03.2	10 56.34 +34 57.5 20.6	-0.84 + 4.5	6.4/21.6	38158	1978 QF ₁	2001 03 03.6	10 57.95 +03 11.1 18.0	-0.95 + 7.7	1.2/05.0	10823
1997 GT ₁₇	2001 03 03.2	10 56.41 +22 38.7 18.9	-1.05 + 1.4	5.2/26.9	10840	1998 OH ₇	2001 03 03.6	10 57.96 -04 25.8 18.7	-0.85 + 4.0	3.2/07.0	10858
1991 GT ₄	2001 03 03.2	10 56.41 +02 54.3 17.9	-0.95 + 7.3	1.3/04.5	38756	1998 SA ₁₀	2001 03 03.6	10 57.96 -28 55.0 18.3	-0.78 + 7.0	8.7/17.5	2635
1999 WS ₅	2001 03 03.2	10 56.43 +21 27.7 20.0	-1.01 + 3.0	5.2/27.0	3466	1999 TG ₁₈₉	2001 03 03.6	10 57.97 +08 28.9 17.8	-1.04 + 1.1	0.7/03.2	10913
2000 YP ₁₂₀	2001 03 03.2	10 56.45 +27 30.5 17.5	-0.91 + 7.4	7.8/24.1	10665	1999 TT ₃₆	2001 03 03.6	10 57.98 +29 30.1 18.5	-0.90 + 6.0	6.9/23.8	1475

1999 VH ₆₂	2001 03 03.6	10 57.99 +00 38.2 18.3	-0.83 + 5.9	2.1/05.6	40397	2000 YS ₃₄	2001 03 04.1	10 59.64 +13 34.2 17.8	-0.80 +10.4	2.9/01.6	10654
1999 RH ₁₇₅	2001 03 03.6	10 58.02 +09 50.7 17.5	-1.10 + 2.0	1.4/02.9	10897	2134 T-1	2001 03 04.1	10 59.67 +13 27.4 19.2	-1.01 + 4.1	2.7/02.1	10815
2001 DD ₁₀	2001 03 03.7	10 58.23 +20 03.2 19.2	-0.92 + 4.2	5.1/27.5	10793	1999 RP ₂₀₂	2001 03 04.1	10 59.69 -06 24.2 19.1	-0.84 + 6.5	4.1/08.4	1465
1999 XG ₂₃	2001 03 03.7	10 58.23 +19 23.6 18.2	-0.95 + 3.3	4.0/28.0	10934	1997 EO ₃₂	2001 03 04.1	10 59.76 +06 29.1 19.7	-0.88 + 5.8	0.0/04.2	9689
1998 MJ ₃₂	2001 03 03.7	10 58.26 -11 09.9 17.9	-1.05 + 2.1	6.7/08.5	10857	1999 RN ₁₅₁	2001 03 04.1	10 59.76 +09 14.7 19.1	-0.97 + 4.2	0.9/03.3	40367
1999 XV ₂₀	2001 03 03.7	10 58.32 +02 16.4 19.9	-0.88 + 5.6	1.3/05.1	2695	2001 BA ₅₁	2001 03 04.1	10 59.77 +24 12.9 16.5	-0.89 + 8.7	5.8/25.8	10714
2000 YE ₃₅	2001 03 03.7	10 58.35 +03 00.4 17.7	-1.11 + 2.6	1.6/05.0	11014	1999 TX ₂₃₆	2001 03 04.1	10 59.78 +30 33.0 17.3	-0.97 + 5.0	9.1/23.8	10915
2001 DE ₃₁	2001 03 03.8	10 58.35 +10 34.5 18.4	-0.97 + 1.8	1.6/02.7	10802	1999 TC ₉₆	2001 03 04.1	10 59.82 +12 24.3 18.1	-0.93 + 6.0	2.3/02.3	10908
2001 BU ₆₈	2001 03 03.8	10 58.38 +16 12.3 18.5	-0.81 + 9.6	3.1/28.4	10728	1999 VW ₄₅	2001 03 04.1	10 59.86 +07 54.4 19.9	-0.98 + 3.8	0.5/03.8	2160
2238 T-3	2001 03 03.8	10 58.40 -00 58.5 20.7	-0.95 + 6.2	2.5/06.2	39505	2001 DV ₆₉	2001 03 04.1	10 59.87 +04 37.8 18.0	-0.90 + 6.6	0.8/05.0	10812
1999 TP ₁₀₃	2001 03 03.8	10 58.46 +03 20.6 20.4	-0.91 + 4.8	1.0/05.0	5633	1999 XK ₂₂₂	2001 03 04.2	10 59.82 -05 59.7 18.1	-0.93 + 3.7	4.1/07.8	10942
1999 SB ₇	2001 03 03.8	10 58.47 +16 18.5 18.5	-1.04 + 4.6	3.4/01.0	10408	1999 VZ ₁₄₇	2001 03 04.2	10 59.83 +01 49.4 18.6	-1.01 + 5.8	1.8/05.6	337
1998 SQ ₁₃	2001 03 03.8	10 58.49 +07 24.2 19.9	-0.74 + 4.5	0.2/03.6	10867	1999 VY ₁₉₇	2001 03 04.2	10 59.83 -02 09.6 18.4	-0.78 + 9.9	2.9/07.3	2182
1999 VO ₂₀	2001 03 03.8	10 58.50 -16 13.2 16.5	-0.97 + 2.4	8.0/10.7	10922	1999 WS ₁₂	2001 03 04.2	10 59.86 +13 15.5 20.6	-0.92 + 4.9	2.2/02.1	1545
1999 XO ₁₆₆	2001 03 03.8	10 58.50 -01 02.6 18.8	-0.99 + 5.0	2.5/06.1	10940	1999 SP ₁₁	2001 03 04.2	10 59.93 +10 04.9 19.9	-0.98 + 6.7	1.2/03.1	40375
1998 OY ₃	2001 03 03.8	10 58.66 +01 13.6 20.7	-0.82 + 5.1	1.6/05.5	10858	4072 T-2	2001 03 04.2	11 00.01 +12 55.9 19.8	-1.08 + 5.5	2.4/02.3	40533
1999 XD ₂₁	2001 03 03.8	10 58.67 +17 27.6 18.8	-0.77 + 5.8	3.2/28.3	10934	1999 XW ₅₆	2001 03 04.2	11 00.03 +25 38.5 19.0	-0.83 + 4.3	5.5/25.9	10544
1999 XU ₃₅	2001 03 03.8	10 58.67 +13 42.0 18.2	-0.76 + 5.5	2.0/01.5	10934	1999 RM ₁₁₂	2001 03 04.2	11 00.11 +01 24.0 18.3	-1.03 + 6.3	1.9/05.8	5601
1999 TE ₃₆	2001 03 03.8	10 58.68 +15 24.6 18.2	-1.02 + 3.7	3.3/01.4	10906	1999 TB ₁₄	2001 03 04.2	11 00.15 +01 53.9 20.1	-0.84 + 7.8	1.4/05.8	10420
1999 VD ₁₇₂	2001 03 03.8	10 58.69 +06 33.8 18.5	-0.99 + 5.3	0.0/03.9	10517	1999 VZ ₁₁₁	2001 03 04.2	11 00.17 +30 02.3 18.4	-0.98 + 4.2	7.2/24.5	10508
1999 XN ₁₄₆	2001 03 03.8	10 58.74 +11 54.7 18.8	-0.82 + 5.1	1.8/02.2	10560	2000 AG ₁₉₉	2001 03 04.2	11 00.17 +27 18.2 18.4	-0.85 + 5.6	6.7/25.2	10948
1999 XO ₇₀	2001 03 03.8	10 58.76 +01 53.4 18.4	-0.83 + 5.5	1.4/05.4	40412	1999 RJ ₁₂₄	2001 03 04.2	11 00.20 -06 37.3 17.8	-0.98 + 5.4	5.4/08.3	10894
1999 XQ ₆₁	2001 03 03.9	10 58.77 +18 13.3 18.6	-0.86 + 5.7	3.5/28.1	10936	2000 AF ₁₃₉	2001 03 04.2	11 00.22 +16 20.4 17.7	-1.02 + 8.5	3.7/01.0	10946
1999 TY ₁₃	2001 03 03.9	10 58.79 +08 51.0 19.2	-0.86 + 6.3	0.8/03.2	10420	2001 DO ₁₇	2001 03 04.2	11 00.22 +17 16.0 18.0	-0.72 + 6.7	2.6/28.5	10797
1999 VT ₈₁	2001 03 03.9	10 58.81 -03 39.1 19.0	-0.84 + 8.3	3.6/07.4	10926	1999 YA ₃	2001 03 04.2	11 00.23 -20 19.6 19.6	-1.07 0.0	7.9/11.8	3483
1998 KR ₆	2001 03 03.9	10 58.81 +01 06.6 18.6	-0.97 + 7.0	2.0/05.6	6800	1999 XL ₁₁₄	2001 03 04.2	11 00.23 -05 16.0 18.9	-1.02 + 3.1	3.8/07.6	5674
2000 AG ₁₈₆	2001 03 03.9	10 58.84 +08 19.2 18.6	-0.80 + 7.0	0.5/03.3	10947	1999 VU ₄₉	2001 03 04.3	11 00.18 +15 46.0 20.3	-0.94 + 4.5	2.8/01.5	1524
1999 XW ₈₁	2001 03 03.9	10 58.87 -00 57.9 18.9	-0.74 + 4.4	2.0/06.3	37911	1998 QB ₇₃	2001 03 04.3	11 00.19 -04 22.8 19.2	-0.73 + 5.5	2.7/07.9	38057
1999 WH ₁₅	2001 03 03.9	10 58.96 +02 42.5 19.8	-0.88 + 5.8	1.3/05.1	686	1999 RE ₁₆₉	2001 03 04.3	11 00.20 +03 50.1 19.6	-1.03 + 4.0	1.0/05.0	10395
1999 XF ₂₆	2001 03 03.9	10 59.01 +20 52.4 20.3	-1.03 + 4.1	4.4/27.7	1548	2000 AL ₁₀₁	2001 03 04.3	11 00.27 +04 12.9 19.2	-0.85 + 6.4	0.6/05.0	1562
1999 RE ₂₁₂	2001 03 03.9	10 59.03 -08 54.5 21.2	-0.83 + 8.3	4.3/09.4	1466	1999 XS ₆₂	2001 03 04.3	11 00.35 +01 06.7 19.7	-0.82 + 5.6	1.6/06.0	2697
1999 VF ₄₉	2001 03 03.9	10 59.07 -15 46.4 18.2	-0.83 + 5.9	7.5/11.7	38114	1999 RE ₁₇₇	2001 03 04.3	11 00.37 +06 12.3 20.0	-0.96 + 5.3	0.1/04.4	2654
1988 RT ₃	2001 03 04.0	10 59.10 +08 13.3 19.2	-0.98 + 5.3	0.6/03.5	37257	1998 HN ₁₃₉	2001 03 04.3	11 00.46 +14 57.1 18.8	-0.98 + 7.0	2.9/01.6	10854
1992 SP ₁	2001 03 04.0	10 59.15 +04 18.8 19.3	-0.82 + 1.7	0.5/04.6	10828	1999 XP ₁₁	2001 03 04.3	11 00.47 +07 18.6 18.2	-0.90 + 3.6	0.3/04.1	10933
1999 XE ₁₂₇	2001 03 04.0	10 59.15 +10 50.6 17.3	-1.04 + 4.0	1.5/02.8	10939	1999 RB ₁₇₄	2001 03 04.3	11 00.51 +11 15.0 19.4	-1.04 + 4.2	1.7/03.0	2654
1999 NP ₉	2001 03 04.0	10 59.24 +01 27.9 19.1	-1.00 + 5.9	1.8/05.6	10885	1999 TU ₁₁₃	2001 03 04.3	11 00.52 +11 14.2 18.7	-1.03 + 1.5	1.8/03.1	10437
1999 XQ ₄₃	2001 03 04.0	10 59.25 +06 41.7 18.8	-1.02 + 5.5	0.1/04.0	10935	1999 RN ₁₀₉	2001 03 04.3	11 00.55 -00 21.0 18.6	-1.03 + 4.4	2.5/06.3	1455
1999 XL ₂₂₉	2001 03 04.0	10 59.29 +13 33.5 18.9	-0.97 + 2.6	2.2/02.1	10942	1997 EY ₁₆	2001 03 04.3	11 00.57 -02 36.6 19.5	-0.89 + 6.5	3.2/07.3	1916
1999 TE ₁₀	2001 03 04.0	10 59.32 +01 42.6 19.1	-0.91 + 5.4	1.8/05.5	10416	1999 VT ₃₃	2001 03 04.3	11 00.63 -03 08.2 19.0	-0.74 + 5.4	2.8/07.5	38109
1999 RK ₂₃₈	2001 03 04.0	10 59.32 +21 22.5 19.2	-0.97 + 4.2	5.1/27.5	1468	2001 DS ₁₇	2001 03 04.4	11 00.57 +14 43.9 18.2	-1.05 + 4.3	2.9/02.0	10798
1999 RQ ₃₃	2001 03 04.0	10 59.34 +06 58.5 17.6	-0.81 + 9.0	0.2/03.9	10889	2000 AS ₂₇	2001 03 04.4	11 00.58 +14 22.3 18.6	-0.66 + 3.5	1.9/01.8	10944
1999 RO ₁₁	2001 03 04.0	10 59.38 +05 57.6 18.6	-1.06 + 4.2	0.2/04.2	10888	2000 AN ₁₈₆	2001 03 04.4	11 00.67 +24 59.2 19.0	-0.89 + 7.0	5.7/26.0	10948
1999 UB ₁₅	2001 03 04.0	10 59.42 +14 35.5 18.6	-0.94 + 4.8	2.8/01.6	40079	1999 TS ₁₇₄	2001 03 04.4	11 00.68 +10 48.4 19.6	-1.02 + 3.6	1.6/03.2	10912
2001 BW ₆₈	2001 03 04.0	10 59.46 +12 00.8 17.3	-0.99 + 2.6	2.7/02.5	10728	1999 VK ₁₁	2001 03 04.4	11 00.68 +04 30.7 19.6	-0.93 + 5.9	0.6/05.0	2680
1998 KQ ₈₆	2001 03 04.0	10 59.47 -07 46.0 19.3	-0.76 + 4.7	3.9/08.7	10863	1999 VE ₃₃	2001 03 04.4	11 00.70 +11 41.5 18.9	-0.83 + 4.4	1.6/02.8	10491
2001 DM ₁₇	2001 03 04.1	10 59.45 +17 36.4 18.2	-0.75 + 7.1	3.2/28.2	10797	1999 RY ₁₀	2001 03 04.4	11 00.73 +02 47.7 17.5	-1.07 + 3.9	1.3/05.4	10888
1998 XA ₁₃	2001 03 04.1	10 59.46 +23 08.4 17.0	-0.55 + 3.4	3.3/26.3	10875	2000 AA ₂₄	2001 03 04.4	11 00.77 +25 26.5 17.5	-0.79 + 5.1	5.0/25.8	10944
2000 AS ₇₂	2001 03 04.1	10 59.51 +26 18.6 17.7	-0.88 + 6.3	6.4/25.2	10578	1999 TL ₁₃	2001 03 04.4	11 00.81 +14 21.4 19.8	-1.05 + 5.2	2.7/02.1	7507
1999 UL ₂₆	2001 03 04.1	10 59.60 +07 26.0 19.4	-0.89 + 4.6	0.3/03.8	2676	3514 P-L	2001 03 04.4	11 00.85 -06 29.2 18.6	-0.90 + 3.8	4.1/08.3	9933
1999 VY ₁₇₆	2001 03 04.1	10 59.62 +07 28.4 20.3	-0.83 + 6.3	0.3/03.8	10518	1999 RG ₅₄	2001 03 04.4	11 00.88 +11 49.3 19.6	-0.95 + 6.1	1.7/02.8	38558
1999 TM ₈₁	2001 03 04.1	10 59.63 +07 13.5 18.9	-1.02 + 3.3	0.3/03.9	2661	2000 AD ₂₃₈	2001 03 04.4	11 00.92 +13 08.1 18.5	-0.93 + 6.9	2.4/02.3	10949

1999 TJ ₁	2001 03 04.4	11 00.96 +12 36.2 17.4	-1.01 + 3.5	2.4/02.7	10903	1999 TO ₁	2001 03 04.8	11 02.23 +17 03.2 19.1	-1.06 + 2.9	3.6/01.8	40376
1989 TN ₁₅	2001 03 04.5	11 00.95 +06 28.4 18.5	-1.04 + 5.2	0.1/04.5	10825	1999 UR ₁₂	2001 03 04.8	11 02.27 +20 31.3 18.3	-1.10 + 1.0	5.0/01.1	10918
1997 GQ ₅	2001 03 04.5	11 00.96 +14 47.7 19.9	-0.74 + 6.3	2.2/01.6	1918	1999 RK ₁₂₃	2001 03 04.8	11 02.27 -04 42.0 18.4	-0.96 + 6.7	4.1/08.3	10894
1999 VE ₄₄	2001 03 04.5	11 00.97 +09 28.9 19.3	-1.06 + 5.5	1.2/03.6	328	1999 TG ₁₅	2001 03 04.8	11 02.29 -01 55.8 19.0	-0.81 + 7.4	2.7/07.6	40379
1999 TA ₁₁₃	2001 03 04.5	11 01.06 -01 25.5 18.4	-1.04 + 3.6	3.3/06.7	10436	1999 XD ₃₉	2001 03 04.8	11 02.33 +02 19.9 18.2	-0.74 + 5.9	1.2/06.1	10934
1998 KF ₁₅	2001 03 04.5	11 01.08 -03 53.1 18.9	-1.00 + 6.4	4.2/07.6	3241	1998 SS ₆	2001 03 04.8	11 02.34 +06 02.7 18.5	-0.71 +11.1	8.9/13.0	10335
1999 VP ₈₆	2001 03 04.5	11 01.09 +10 38.3 18.4	-0.78 + 8.8	1.5/03.0	10926	1999 XS ₄₉	2001 03 04.8	11 02.38 +10 05.6 18.9	-0.91 + 5.3	1.4/03.7	10543
1999 UB ₅₂	2001 03 04.5	11 01.15 +15 25.1 20.1	-0.85 + 8.2	2.8/01.5	2679	1998 KQ ₄₅	2001 03 04.8	11 02.42 +11 51.1 17.4	-1.00 + 6.0	2.4/03.1	10856
1999 RT ₁₇₅	2001 03 04.5	11 01.15 +03 05.1 20.9	-0.94 + 6.8	1.1/05.6	2654	2000 XG ₁₅	2001 03 04.8	11 02.42 +54 34.5 17.1	-1.69 - 2.1	21.9/13.3	11009
1999 TT ₂₁₂	2001 03 04.5	11 01.16 +07 25.3 17.3	-0.93 + 2.2	0.5/04.2	10914	1999 UJ ₅₁	2001 03 04.8	11 02.43 +14 12.7 19.7	-0.94 + 7.6	2.7/02.3	10921
1999 VU ₂₆	2001 03 04.5	11 01.17 +00 02.6 20.3	-0.86 + 5.6	1.7/06.5	40392	1999 XZ ₁	2001 03 04.8	11 02.47 -01 46.8 17.9	-0.78 + 6.9	2.3/07.6	40403
1998 QA ₃₉	2001 03 04.5	11 01.20 -03 13.1 18.1	-0.95 + 2.2	3.0/07.2	10861	1998 QU ₈₇	2001 03 04.8	11 02.47 -13 34.4 20.5	-0.75 + 3.1	4.6/11.2	3897
1993 FJ ₃₂	2001 03 04.5	11 01.22 -00 50.9 17.8	-0.93 + 4.2	2.7/06.7	10829	1998 QU ₅₁	2001 03 04.8	11 02.48 +00 01.2 19.7	-0.74 + 4.6	1.6/06.9	37727
2001 DB ₇₀	2001 03 04.5	11 01.22 +03 56.1 17.6	-0.85 +11.4	0.9/05.4	10812	1995 WV ₉	2001 03 04.8	11 02.51 +13 09.1 21.2	-0.94 + 4.6	2.3/02.8	1902
1998 HX ₅₀	2001 03 04.5	11 01.24 +02 08.9 18.6	-1.04 + 5.1	1.5/05.8	10852	1999 SP ₄	2001 03 04.9	11 02.62 -02 13.9 18.1	-0.80 + 7.8	2.7/07.8	10902
2001 BB ₅₁	2001 03 04.5	11 01.25 +27 35.7 18.5	-0.84 +11.9	7.2/24.3	10714	1995 UF ₄₂	2001 03 04.9	11 02.64 -01 42.0 20.2	-0.90 + 7.0	2.9/07.4	1901
1998 MZ ₄₁	2001 03 04.5	11 01.25 +27 01.7 19.6	-0.93 + 5.4	6.0/25.6	10858	1999 VO ₁₁₂	2001 03 04.9	11 02.65 +08 04.1 17.9	-0.80 + 4.8	0.6/04.3	10927
2781 P-L	2001 03 04.5	11 01.29 +14 53.0 19.6	-1.03 + 4.6	2.8/02.0	11063	1999 TB ₂₈₅	2001 03 04.9	11 02.68 +31 04.1 19.5	-0.94 + 1.8	8.1/25.3	10465
2001 BX ₆₈	2001 03 04.5	11 01.30 +12 50.0 16.9	-0.92 + 5.1	2.7/02.6	10728	1999 TK ₁₇₇	2001 03 04.9	11 02.68 +02 08.3 17.5	-0.83 + 6.8	1.7/06.3	10912
1999 VK ₄₄	2001 03 04.5	11 01.31 +07 16.1 18.7	-0.92 + 4.4	0.3/04.3	10494	1999 TG ₂₀₄	2001 03 04.9	11 02.79 +12 52.7 19.3	-1.03 + 4.1	2.3/03.0	10914
1998 TJ ₁₈	2001 03 04.5	11 01.37 +19 43.9 18.5	-0.94 + 6.8	4.6/28.1	10872	1997 ND ₃	2001 03 04.9	11 02.80 -13 20.0 20.4	-0.79 + 2.3	4.9/10.9	10841
1999 XB ₂₀	2001 03 04.6	11 01.39 +27 20.4 18.7	-0.99 + 3.5	6.4/26.1	10933	1996 XK ₇	2001 03 04.9	11 02.88 +07 01.4 17.5	-0.97 + 7.4	10.7/25.0	10836
1999 XJ ₂₀₉	2001 03 04.6	11 01.40 +16 18.5 18.2	-0.86 + 2.9	2.8/01.6	10941	1998 QL ₇₃	2001 03 05.0	11 02.83 -08 10.5 17.8	-0.75 + 5.3	4.3/09.8	10863
1999 VC ₃₄	2001 03 04.6	11 01.42 +23 15.0 19.9	-0.95 + 4.3	5.2/27.3	674	1999 TQ ₁₇₈	2001 03 05.0	11 02.87 +01 19.4 18.0	-1.00 + 5.6	2.1/06.4	10913
1999 VO ₁₉₆	2001 03 04.6	11 01.43 +16 58.8 19.1	-0.74 + 7.7	3.2/28.9	10521	2000 YG ₁₀₄	2001 03 05.0	11 02.93 +20 11.1 18.5	-0.83 + 9.0	4.5/28.0	11019
1999 UJ ₅	2001 03 04.6	11 01.44 +01 36.4 18.8	-1.18 - 0.8	1.5/05.7	10918	1998 FS ₁₁₁	2001 03 05.0	11 02.93 +00 23.1 17.4	-1.08 + 4.5	2.2/06.6	10849
1999 VS ₁₆₇	2001 03 04.6	11 01.48 -01 19.1 19.9	-0.97 + 5.3	2.7/06.9	5658	1999 PL	2001 03 05.0	11 02.94 -17 47.4 19.9	-0.93 + 4.6	7.2/13.0	37290
1999 UX ₃₅	2001 03 04.6	11 01.57 +01 24.3 19.8	-0.97 + 7.6	1.7/06.2	10919	1999 VD ₁₅₀	2001 03 05.0	11 02.95 +17 22.7 20.1	-0.85 + 3.5	3.2/01.6	1535
1992 DG	2001 03 04.6	11 01.60 +15 30.2 16.7	-0.81 +12.6	3.3/01.1	10827	1999 VX ₂₆	2001 03 05.0	11 02.97 +12 01.7 20.0	-0.93 + 5.6	1.8/03.2	10923
1999 RD ₁	2001 03 04.6	11 01.63 +09 54.1 19.2	-1.02 + 5.7	1.3/03.6	40354	2000 AT ₁₅₁	2001 03 05.0	11 03.01 +29 04.0 19.3	-1.01 + 2.8	7.3/26.1	10586
2000 YC ₃₅	2001 03 04.6	11 01.68 +12 39.2 17.3	-0.91 + 8.2	2.7/02.5	11014	1999 RG ₁₂₉	2001 03 05.0	11 03.06 +05 34.9 19.4	-0.96 + 6.8	0.2/05.2	10386
1999 TM ₉₂	2001 03 04.6	11 01.70 +09 41.3 18.8	-0.87 + 6.7	1.2/03.6	10908	3393 T-3	2001 03 05.0	11 03.06 -01 25.9 18.5	-0.72 + 6.5	2.1/07.6	38193
1999 VR ₁₃	2001 03 04.6	11 01.77 +38 45.9 19.5	-1.23 - 0.2	9.3/23.4	2680	2000 AV ₅₁	2001 03 05.0	11 03.07 +03 18.9 18.9	-1.02 + 4.6	0.9/05.9	10576
1995 DY ₈	2001 03 04.7	11 01.71 +07 50.2 19.5	-0.71 + 4.8	0.4/04.2	10306	1999 RA ₃₄	2001 03 05.0	11 03.12 -12 25.4 18.1	-0.96 +17.5	7.5/12.2	36912
2000 AG ₁₇₅	2001 03 04.7	11 01.71 -03 49.6 17.7	-0.75 + 6.2	2.6/08.1	10947	1999 RT ₄₃	2001 03 05.0	11 03.12 +08 04.6 18.3	-0.77 + 5.4	0.6/04.4	10368
1999 UY ₂₀	2001 03 04.7	11 01.71 +06 34.7 19.6	-0.86 + 6.6	0.1/04.6	40386	2001 BJ ₇₂	2001 03 05.0	11 03.16 +16 54.8 17.8	-0.85 + 8.7	3.3/01.3	10732
2000 AC ₁₄₀	2001 03 04.7	11 01.75 +13 17.6 19.2	-0.94 + 7.4	2.2/02.4	10946	1999 RB ₁₈₁	2001 03 05.0	11 03.16 +08 59.9 20.2	-0.99 + 6.0	1.0/04.2	6908
1999 XD ₂₁₄	2001 03 04.7	11 01.75 +08 44.8 18.5	-0.71 + 7.7	0.8/03.8	10567	1999 TK ₇₉	2001 03 05.0	11 03.20 +05 43.2 20.1	-0.95 + 6.7	0.1/05.2	9756
1999 VZ ₂₁₀	2001 03 04.7	11 01.81 +21 25.6 21.1	-0.87 + 5.1	4.0/27.9	2692	1999 RE ₁₇	2001 03 05.0	11 03.25 +00 05.8 19.2	-0.95 + 6.8	2.2/07.0	10888
1996 XA ₃	2001 03 04.7	11 01.97 -07 48.5 18.3	-1.02 + 5.2	5.3/09.1	10836	2000 YV ₆₈	2001 03 05.1	11 03.16 +10 19.1 17.2	-0.94 + 8.1	1.9/03.7	10656
1999 XQ ₁₂₈	2001 03 04.7	11 02.00 +17 46.7 17.8	-0.93 + 4.9	3.7/01.1	10939	1999 XZ ₆	2001 03 05.1	11 03.25 +04 48.0 19.0	-0.81 + 4.2	0.4/05.5	10932
1998 FB ₁₁₇	2001 03 04.7	11 02.02 +00 53.5 17.3	-1.05 + 5.0	2.3/06.3	10849	1999 XN ₇₂	2001 03 05.1	11 03.28 -10 02.4 19.6	-0.76 + 4.4	4.2/10.5	1552
1999 TM ₁₁₀	2001 03 04.7	11 02.10 -01 19.8 18.4	-0.92 + 7.8	2.8/07.2	1485	1998 SH ₁₃₈	2001 03 05.1	11 03.29 +05 54.5 20.9	-0.72 + 4.6	0.0/05.2	10871
2001 AL ₂₈	2001 03 04.7	11 02.16 +42 42.9 18.6	-1.69 - 5.8	15.0/25.9	10678	1999 VL ₆₈	2001 03 05.1	11 03.29 +03 47.9 19.8	-0.92 + 6.2	0.7/05.8	10502
1999 XK ₆₀	2001 03 04.8	11 02.06 +02 39.3 18.7	-0.74 + 5.0	1.0/06.0	10936	1999 WC ₇	2001 03 05.1	11 03.34 +15 43.5 18.0	-1.00 + 7.0	3.4/02.0	10931
2000 AN ₁₆₉	2001 03 04.8	11 02.07 +22 03.8 18.9	-0.80 + 6.2	4.2/27.4	2722	1999 XS ₂₁₄	2001 03 05.1	11 03.35 +09 39.4 18.8	-1.00 + 4.0	1.2/04.1	10942
1999 XD ₆₂	2001 03 04.8	11 02.09 +25 57.9 19.1	-0.95 + 4.8	6.1/26.4	38144	1999 VT ₃₀	2001 03 05.1	11 03.39 -10 43.5 19.9	-0.86 + 5.6	4.8/10.6	40393
1996 EE ₈	2001 03 04.8	11 02.15 +10 38.0 19.8	-0.86 + 2.6	1.3/03.5	35695	1999 TC ₁₈₈	2001 03 05.1	11 03.42 +05 19.8 18.5	-1.02 + 2.0	0.2/05.4	2667
1999 VY ₁₅₄	2001 03 04.8	11 02.18 -01 08.6 18.3	-0.92 + 8.0	2.8/07.2	683	1995 OF	2001 03 05.1	11 03.48 -04 32.4 19.5	-0.98 + 5.4	3.7/08.4	37267
1999 XT ₁₀₈	2001 03 04.8	11 02.20 +08 04.1 19.1	-0.90 + 4.6	0.6/04.3	1554	1999 UL ₈	2001 03 05.1	11 03.49 -11 02.8 18.7	-0.85 + 6.6	5.1/10.9	40384
1998 HQ ₁₁₇	2001 03 04.8	11 02.21 +11 29.4 18.2	-0.96 + 9.3	2.3/03.1	10853	1998 QJ ₂₈	2001 03 05.1	11 03.57 -51 39.0 17.0	-1.13 - 3.6	20.1/29.0	2634

1999 WX ₈	2001 03 05.1	11 03.59 +32 46.1 16.9	-0.83 + 4.6	8.0/23.6	10932	2000 AY ₁₀₀	2001 03 05.5	11 05.06 +16 41.6 18.3	-0.88 + 7.4	3.6/02.0	10581
2000 AB ₂₄₄	2001 03 05.1	11 03.60 +15 52.8 18.5	-0.88 + 5.3	3.3/02.1	10949	1999 VC ₁₆₄	2001 03 05.6	11 05.06 +05 26.4 19.0	-1.00 + 5.5	0.2/05.7	10929
1999 TV ₁₀₂	2001 03 05.1	11 03.60 +16 17.9 18.8	-0.84 + 9.2	3.1/01.6	10434	1999 RK ₃₁	2001 03 05.6	11 05.10 +08 18.1 19.3	-1.01 + 4.5	0.8/04.9	40357
1999 TO ₃₅	2001 03 05.2	11 03.54 +19 28.8 20.2	-1.00 + 2.7	4.0/01.4	1475	1999 RL ₉₇	2001 03 05.6	11 05.11 +07 45.2 20.3	-1.04 + 4.2	0.6/05.1	1453
1998 UC ₂₇	2001 03 05.2	11 03.54 +11 44.2 20.9	-0.71 + 4.9	1.3/03.3	10873	1999 TC ₁₈₇	2001 03 05.6	11 05.16 -12 07.8 19.3	-0.92 + 3.6	6.5/11.3	2129
1999 XN ₇₇	2001 03 05.2	11 03.56 +25 41.9 19.4	-0.89 + 5.8	5.3/26.5	2697	2000 AO ₁₇₁	2001 03 05.6	11 05.20 +04 33.4 21.0	-0.83 + 6.6	0.4/06.1	10588
1999 UW ₇	2001 03 05.2	11 03.59 +13 14.9 19.3	-1.03 + 5.6	2.4/03.0	10918	1999 TH ₂₈₉	2001 03 05.6	11 05.22 +21 03.9 19.9	-0.91 + 3.8	4.6/29.0	2674
1999 WC ₄	2001 03 05.2	11 03.65 +03 42.2 17.4	-0.80 + 3.9	0.7/05.9	10525	1999 XG ₁₂₀	2001 03 05.6	11 05.28 +14 20.1 18.5	-1.04 + 4.2	3.2/03.2	10938
1999 RL ₁₆₅	2001 03 05.2	11 03.68 +03 15.7 17.2	-1.13 - 0.5	1.1/05.9	10896	1999 UR ₄₇	2001 03 05.6	11 05.29 -05 44.3 20.6	-0.83 + 5.7	3.3/09.5	2678
1999 TX ₂₂₂	2001 03 05.2	11 03.73 +16 29.3 19.6	-0.97 + 8.1	3.6/01.8	10459	1999 XL ₁₁₃	2001 03 05.6	11 05.33 -00 11.3 17.0	-1.10 - 0.7	2.5/07.1	10938
1999 XN ₂₅₈	2001 03 05.2	11 03.75 +15 50.6 18.3	-0.71 + 9.4	2.9/01.6	10943	1999 TP ₃₀	2001 03 05.6	11 05.35 +04 56.4 20.4	-0.94 + 5.5	0.3/05.9	9755
1999 UW ₂₅	2001 03 05.2	11 03.77 -09 22.5 19.2	-0.82 + 7.8	4.9/10.7	1516	1999 XE ₁₆₇	2001 03 05.6	11 05.42 -11 57.1 18.4	-0.87 + 4.0	5.3/11.3	10940
1998 HW ₁₀₀	2001 03 05.2	11 03.79 +01 30.8 18.7	-0.99 + 7.7	1.9/06.7	10853	1998 RE ₅₄	2001 03 05.6	11 05.45 +05 12.7 17.4	-1.01 + 1.5	0.2/05.9	10334
1999 VU ₃₃	2001 03 05.2	11 03.80 -00 48.9 18.8	-0.76 + 5.4	2.0/07.5	38109	1999 XQ ₁₈₆	2001 03 05.7	11 05.48 +09 19.0 19.5	-0.96 + 3.9	1.1/04.7	10941
1999 UH ₁₆	2001 03 05.2	11 03.83 +12 40.7 20.6	-0.93 + 4.5	2.0/03.3	1515	1999 TN ₂₀₉	2001 03 05.7	11 05.49 -12 15.3 18.5	-0.96 + 1.0	6.5/10.8	10914
1999 VT ₆₄	2001 03 05.2	11 03.89 +35 51.2 19.2	-0.99 + 0.8	9.7/23.8	10501	1999 XU ₁₆₈	2001 03 05.7	11 05.51 +24 09.6 18.4	-0.83 + 3.2	4.9/27.9	38854
2001 CG ₂₆	2001 03 05.2	11 03.96 +12 07.8 18.9	-1.04 + 3.6	2.4/03.6	10773	1999 UX ₁₄	2001 03 05.7	11 05.58 +26 30.4 18.4	-1.05 + 1.6	8.0/27.6	10918
1999 XP ₁₄₂	2001 03 05.2	11 04.03 -37 24.3 17.6	-1.24 - 4.0	17.0/15.7	1556	1999 TL ₁₅₆	2001 03 05.7	11 05.61 +14 41.5 19.3	-1.07 + 4.5	3.1/03.2	1162
1997 ED ₅	2001 03 05.3	11 03.90 +03 47.1 18.7	-0.87 + 7.6	0.8/06.0	10839	1998 KU	2001 03 05.7	11 05.70 +19 48.3 17.5	-0.98 + 7.5	5.5/01.1	10855
2706 P-L	2001 03 05.3	11 03.98 +07 25.7 19.0	-0.48 + 3.1	0.2/04.8	40273	2000 AG ₁₈₇	2001 03 05.7	11 05.74 -07 07.4 18.4	-0.79 + 8.8	3.9/10.4	10948
2000 YL ₁₀₄	2001 03 05.3	11 04.03 +05 53.4 16.9	-1.13 - 1.0	0.0/05.3	11019	1998 JP	2001 03 05.7	11 05.79 +09 23.2 18.6	-1.09 + 4.1	1.3/04.8	10854
1999 TE ₁₇₂	2001 03 05.3	11 04.05 +16 36.6 17.3	-1.04 + 5.4	4.3/02.1	10912	1999 TC ₁₆₁	2001 03 05.7	11 05.80 +03 48.1 17.8	-1.02 + 4.8	0.9/06.4	10447
1999 VC ₆₂	2001 03 05.3	11 04.17 +00 31.1 19.5	-0.90 + 6.2	1.8/07.1	676	2000 AM ₁₇₀	2001 03 05.8	11 05.76 -12 30.1 18.7	-0.80 + 6.6	5.3/12.1	2722
1999 RG ₈₈	2001 03 05.3	11 04.20 +04 18.0 19.4	-0.94 + 7.6	0.6/05.9	10375	2000 AG ₁₆₆	2001 03 05.8	11 05.79 -35 21.2 18.3	-0.88 + 0.6	10.7/19.7	2721
2000 AQ ₁₀₀	2001 03 05.3	11 04.21 +27 37.1 20.0	-0.99 + 5.1	6.6/26.3	2287	1027 T-2	2001 03 05.8	11 05.79 +02 47.2 19.5	-0.75 + 7.0	0.9/06.8	33057
1999 XZ ₄₈	2001 03 05.3	11 04.28 +28 52.3 19.3	-0.86 + 3.4	6.0/26.0	40411	1998 MR ₁₃	2001 03 05.8	11 05.80 -15 44.4 17.9	-1.01 + 3.7	7.7/12.1	10857
1999 TS ₉₈	2001 03 05.3	11 04.28 +14 56.4 19.4	-0.97 + 5.7	2.9/02.6	1483	1998 QW ₃₈	2001 03 05.8	11 05.80 -03 25.4 19.0	-0.92 + 4.0	3.0/08.5	32703
1999 RJ ₈₂	2001 03 05.3	11 04.31 +01 23.6 20.7	-1.03 + 6.7	1.7/06.8	40361	2000 YN ₁₃₂	2001 03 05.8	11 05.83 -07 29.1 17.5	-1.00 + 1.7	4.4/09.5	11022
1993 FB ₂₀	2001 03 05.3	11 04.34 +20 32.1 18.1	-0.99 + 3.8	5.3/01.1	10828	1999 XE ₂₃	2001 03 05.8	11 05.83 +11 21.2 19.5	-0.91 + 4.7	1.7/04.1	39558
1999 XB ₉₂	2001 03 05.4	11 04.28 +20 19.2 18.1	-0.77 + 5.6	3.8/28.5	10548	1993 TA ₂₅	2001 03 05.8	11 05.87 +05 40.8 20.2	-0.72 + 5.8	0.0/05.9	38446
1999 XJ ₂₇	2001 03 05.4	11 04.29 +25 18.0 19.3	-0.90 + 4.3	5.6/27.2	40407	1999 TS ₁₉₈	2001 03 05.8	11 05.87 +18 10.7 18.3	-0.88 + 2.3	3.8/02.2	2669
2000 AA ₁₉	2001 03 05.4	11 04.29 -19 14.4 18.0	-0.91 + 3.1	8.9/13.2	10943	1999 RJ ₂₁₂	2001 03 05.8	11 05.90 -09 16.1 19.0	-0.84 + 7.3	5.2/11.0	10402
1998 QM ₄₁	2001 03 05.4	11 04.41 +06 31.5 18.4	-0.79 + 5.6	0.2/05.2	10861	1998 MJ ₃₇	2001 03 05.8	11 05.99 +23 54.9 19.7	-0.83 + 6.7	4.8/27.5	10858
2000 AW ₃₃	2001 03 05.4	11 04.45 -03 46.5 17.9	-0.79 + 2.7	2.4/08.4	9784	1999 RM ₁₇₉	2001 03 05.8	11 06.02 +14 09.5 19.1	-1.04 + 5.0	3.1/03.4	10897
2000 CR ₃	2001 03 05.4	11 04.49 -08 21.0 18.1	-0.77 + 4.6	4.1/10.0	10950	1999 XO ₉₆	2001 03 05.8	11 06.10 +09 13.6 18.5	-0.78 + 4.6	1.0/04.8	10548
1998 UH	2001 03 05.4	11 04.51 -11 12.2 19.7	-0.81 + 1.6	3.7/10.5	37794	1998 FG ₆₁	2001 03 05.8	11 06.11 +03 26.9 18.7	-1.03 + 6.3	0.9/06.6	10847
1999 WQ ₁₇	2001 03 05.4	11 04.51 -11 09.5 21.4	-0.84 + 7.4	5.1/11.4	1545	2000 YW ₁₀₄	2001 03 05.8	11 06.13 -02 51.9 18.0	-1.41 - 4.3	3.5/07.5	9541
1999 RN ₉₀	2001 03 05.4	11 04.61 +12 32.3 19.8	-1.05 + 5.5	2.4/03.5	10376	1999 TF ₁₁₆	2001 03 05.8	11 06.14 -00 44.0 18.0	-0.90 + 7.2	2.5/08.0	10909
1999 SM ₂	2001 03 05.4	11 04.63 +04 28.7 21.4	-0.90 + 6.0	0.5/05.9	1113	2749 P-L	2001 03 05.8	11 06.16 +07 47.1 19.9	-0.96 + 7.2	0.7/05.2	1665
1998 QO ₄₄	2001 03 05.4	11 04.67 +07 50.2 19.1	-0.82 + 4.7	0.6/04.9	5493	2000 YU ₃₄	2001 03 05.9	11 06.13 +10 47.2 16.9	-0.88 + 7.0	2.3/04.3	11014
1999 TB ₂₁₂	2001 03 05.4	11 04.75 +07 45.3 18.2	-1.10 + 4.3	0.8/05.0	10914	1999 XT ₁₂	2001 03 05.9	11 06.14 +14 57.9 17.3	-0.75 + 7.4	2.8/02.7	10933
1998 SV ₁₀	2001 03 05.5	11 04.70 +05 47.1 19.4	-0.77 + 5.3	0.0/05.6	38061	1998 HH ₉₁	2001 03 05.9	11 06.14 +07 32.7 18.8	-0.93 + 7.7	0.6/05.3	10852
1997 LB ₆	2001 03 05.5	11 04.77 +09 29.8 18.0	-0.75 + 9.0	1.2/04.3	10841	2000 AH ₉₉	2001 03 05.9	11 06.20 +05 15.5 18.9	-0.93 + 6.6	0.2/06.1	1562
1999 RH ₂₃₆	2001 03 05.5	11 04.78 +14 37.8 17.1	-0.84 + 9.9	3.0/02.5	10901	2000 AO ₁₈₅	2001 03 05.9	11 06.28 +18 04.6 19.3	-0.84 + 6.9	3.8/01.8	10589
1999 RZ ₁₀₂	2001 03 05.5	11 04.79 -03 30.2 19.1	-1.01 + 4.5	3.2/08.3	10892	1999 WN ₁₈	2001 03 05.9	11 06.34 +15 24.3 18.4	-0.94 + 8.4	3.1/02.7	10932
2001 BG ₆₉	2001 03 05.5	11 04.80 +17 54.0 17.7	-0.80 +10.0	4.0/01.2	10728	1999 VX ₄₂	2001 03 05.9	11 06.38 +09 58.5 20.8	-0.77 + 5.2	1.3/04.6	38112
1999 VP ₅₀	2001 03 05.5	11 04.83 +06 46.0 19.2	-0.82 + 4.6	0.3/05.3	10924	1994 UL ₆	2001 03 05.9	11 06.40 +00 02.5 19.0	-0.83 + 5.0	1.9/07.8	2619
1997 CX ₂₁	2001 03 05.5	11 04.92 -03 55.4 17.7	-0.88 + 5.7	4.3/08.7	10838	1999 RQ ₅₅	2001 03 05.9	11 06.42 +06 23.1 21.2	-1.02 + 4.8	0.2/05.8	1450
1999 VR ₄₃	2001 03 05.5	11 04.94 +08 28.3 18.6	-0.92 + 4.4	0.9/04.8	9770	1999 RC ₁₈	2001 03 05.9	11 06.42 +04 29.8 19.8	-0.93 + 6.7	0.4/06.4	10362
2001 DA ₁₈	2001 03 05.5	11 04.98 +19 45.6 18.5	-0.94 + 3.4	5.2/01.3	10798	1999 XE ₇₀	2001 03 05.9	11 06.48 +01 06.3 19.3	-0.84 + 5.5	1.5/07.4	6977
1999 VH ₄₀	2001 03 05.5	11 05.03 +08 25.9 17.9	-0.91 + 4.6	0.9/04.8	10923	1999 SL	2001 03 05.9	11 06.49 +16 11.7 17.9	-0.92 + 3.5	3.2/02.9	10406

2000 AQ ₅	2001 03 05.9	11 06.52 +14 07.8	18.5 -0.76 + 5.2	2.4/03.2	10573	1999 NV ₂	2001 03 06.4	11 08.38 +34 41.0	19.0 -1.06 +15.7	11.5/22.3	10350
1999 TO ₁₀₅	2001 03 05.9	11 06.54 +24 59.6	19.2 -1.06 + 1.2	6.0/28.6	2121	1999 XE ₂₇	2001 03 06.4	11 08.39 +29 35.2	19.3 -1.02 + 3.5	7.4/26.8	40407
1999 RQ ₂₁₉	2001 03 06.0	11 06.50 +12 48.5	19.6 -0.86 + 8.5	2.1/03.6	2656	1998 QF ₆₀	2001 03 06.4	11 08.43 +06 37.7	18.7 -0.78 + 5.7	0.3/06.1	10862
1999 RD ₉₉	2001 03 06.0	11 06.57 +04 19.6	19.1 -0.82 + 9.4	0.5/06.5	10892	1995 VR ₁₁	2001 03 06.4	11 08.44 +03 56.3	17.8 -0.91 + 8.3	0.6/07.0	10833
1999 XW ₁₈₄	2001 03 06.0	11 06.58 +34 26.5	19.0 -0.94 + 1.9	7.2/24.9	2702	1999 VV ₂	2001 03 06.5	11 08.37 -00 31.1	20.4 -0.86 + 5.2	1.8/08.4	40388
2000 AF ₂₄₅	2001 03 06.0	11 06.59 +11 20.8	18.7 -0.69 +10.1	1.6/03.9	10949	2001 BX ₇₆	2001 03 06.5	11 08.39 +04 28.1	18.9 -0.77 + 4.7	0.3/06.8	10737
1998 SP ₅₅	2001 03 06.0	11 06.61 +06 45.1	19.0 -0.78 + 5.7	0.3/05.7	33029	1998 QS ₂₅	2001 03 06.5	11 08.39 +10 46.8	18.4 -0.81 + 5.1	1.6/04.8	10860
1032 T-1	2001 03 06.0	11 06.65 -02 08.1	18.4 -0.79 + 6.0	2.2/08.7	6149	1998 MG ₂₉	2001 03 06.5	11 08.47 +14 31.8	19.7 -0.86 + 5.6	2.5/03.6	34921
1999 TL ₁	2001 03 06.0	11 06.65 +00 28.2	19.2 -0.86 + 7.2	1.7/07.8	40375	1999 TS ₁₉₆	2001 03 06.5	11 08.49 +20 36.8	20.8 -1.05 + 2.1	4.7/02.3	2668
1998 VV ₃₇	2001 03 06.0	11 06.71 +14 51.6	19.9 -0.77 + 3.4	2.1/03.2	10874	1999 XG ₁₄₆	2001 03 06.5	11 08.49 +15 21.5	19.3 -1.07 + 6.6	3.8/03.4	10939
1999 VP ₁₈₇	2001 03 06.0	11 06.71 +08 46.8	19.4 -0.83 + 6.1	1.0/05.1	10519	1999 VP ₃₄	2001 03 06.5	11 08.51 -13 10.0	17.8 -0.83 + 5.1	5.6/12.7	40393
1999 VN ₂₃	2001 03 06.0	11 06.73 +15 19.7	21.5 -0.84 + 4.6	2.3/03.0	40391	6586 P-L	2001 03 06.5	11 08.53 +03 36.1	19.2 -0.80 + 8.2	0.6/07.2	32537
1999 VT ₇₈	2001 03 06.0	11 06.74 +11 49.0	18.7 -1.05 + 3.3	2.4/04.3	10926	1999 VW ₉₉	2001 03 06.5	11 08.57 +13 23.8	19.9 -0.92 + 5.0	2.7/04.1	39321
1995 BQ ₂	2001 03 06.0	11 06.81 -28 12.0	17.4 -0.73 + 7.4	10.2/20.3	40308	1999 TM ₁₅₃	2001 03 06.5	11 08.64 -06 21.7	18.3 -0.92 + 6.9	4.9/10.4	10911
1999 TJ ₂₈₇	2001 03 06.0	11 06.81 +00 56.7	18.0 -0.93 + 4.7	1.9/07.5	2140	1999 VK ₁₆₉	2001 03 06.5	11 08.64 -01 06.9	18.9 -0.76 + 4.4	2.0/08.7	2176
1999 VY ₂	2001 03 06.0	11 06.86 -06 25.8	18.5 -0.83 + 4.4	3.6/10.0	10921	1998 HL ₇₉	2001 03 06.5	11 08.65 -03 49.9	18.4 -0.98 + 6.6	3.9/09.5	10852
1998 KB ₄	2001 03 06.0	11 06.86 +05 43.2	19.0 -0.91 + 6.6	0.0/06.1	10855	1999 TR ₂₃₀	2001 03 06.5	11 08.68 -01 08.2	18.6 -0.72 + 7.2	1.9/08.9	10915
1998 JY	2001 03 06.0	11 06.86 -21 27.2	18.8 -0.90 + 8.4	8.1/15.9	9709	2001 AU ₁₇	2001 03 06.5	11 08.69 -02 46.9	17.8 -0.97 + 2.2	3.4/08.9	11025
1999 TN ₂₉	2001 03 06.0	11 06.95 +01 28.0	20.7 -0.92 + 7.1	1.4/07.4	652	2001 BA ₅	2001 03 06.5	11 08.71 +19 30.6	18.5 -0.99 + 5.4	5.5/02.2	10687
1979 QM ₃	2001 03 06.1	11 06.91 +08 25.1	18.9 -0.97 + 8.4	1.0/05.2	10823	1999 RV ₂₆	2001 03 06.5	11 08.73 +07 03.1	20.4 -1.03 + 6.3	0.6/06.1	4511
1995 UD ₃₉	2001 03 06.1	11 06.99 +03 32.1	22.6 -0.90 + 5.8	0.7/06.8	6730	1998 KD ₅₈	2001 03 06.5	11 08.79 -13 58.9	19.4 -0.83 + 8.3	6.5/13.6	10857
1999 RP ₃₅	2001 03 06.1	11 07.13 +09 14.9	20.2 -0.95 + 4.3	1.1/05.1	40358	1999 XP ₂₃₄	2001 03 06.5	11 08.79 +12 08.1	18.4 -0.82 + 6.5	2.0/04.4	10942
1999 RK ₃₉	2001 03 06.1	11 07.14 +17 35.0	19.8 -0.79 + 5.5	3.1/02.2	1449	1997 AO	2001 03 06.5	11 08.80 +36 00.0	16.7 -0.95 +10.2	11.2/22.7	10311
1998 QD ₂	2001 03 06.1	11 07.17 -06 30.6	23.2 -0.75 + 3.0	2.6/10.0	35340	1999 VW ₆₃	2001 03 06.5	11 08.81 +11 37.8	19.6 -1.04 + 5.7	2.4/04.7	3459
1998 RM ₅₅	2001 03 06.1	11 07.21 -00 37.0	19.3 -0.88 + 5.8	1.9/08.1	10334	1997 FM ₃	2001 03 06.5	11 08.82 +19 06.8	17.9 -1.08 + 0.8	5.2/03.0	10839
1999 XG ₁₁₇	2001 03 06.1	11 07.34 -02 02.7	19.9 -1.02 + 5.4	2.6/08.5	2699	1999 VH ₄	2001 03 06.5	11 08.83 +27 34.9	19.3 -1.06 + 1.7	7.4/28.2	40388
1998 QB ₉₆	2001 03 06.2	11 07.28 -09 33.7	17.2 -0.76 + 9.1	5.7/11.7	10864	1998 SP	2001 03 06.6	11 08.83 +09 42.4	19.0 -0.75 + 3.8	1.1/05.3	10867
1999 RF ₁₃₈	2001 03 06.2	11 07.37 +07 18.0	20.6 -0.90 + 5.1	0.5/05.7	1101	1995 SJ ₁₆	2001 03 06.6	11 08.83 +04 56.5	22.4 -0.92 + 6.0	0.2/06.8	6727
1998 RG ₇₁	2001 03 06.2	11 07.39 +12 28.3	20.0 -0.78 + 4.0	1.8/04.1	10866	1999 VS ₃₂	2001 03 06.6	11 08.90 +05 08.7	19.5 -0.76 + 4.8	0.1/06.7	10491
1132 T-3	2001 03 06.2	11 07.43 -06 29.9	19.9 -0.92 + 6.1	3.8/10.1	40534	1999 XC ₁₂₂	2001 03 06.6	11 08.94 -01 03.9	18.9 -0.96 + 2.8	2.3/08.5	1555
1999 RL ₃₄	2001 03 06.2	11 07.51 -02 23.7	16.4 -0.75 +11.1	3.0/09.2	10889	1999 UE ₂₄	2001 03 06.6	11 08.94 +02 59.0	18.7 -0.91 + 3.8	0.8/07.4	10472
1998 HW ₅₀	2001 03 06.2	11 07.54 +06 12.5	18.0 -1.04 + 5.0	0.2/06.1	10852	1998 QB ₂₃	2001 03 06.6	11 08.99 +11 24.4	18.5 -0.79 + 3.7	1.6/04.8	10860
1999 RS ₁₈₄	2001 03 06.2	11 07.55 +12 23.4	19.0 -0.96 + 7.2	2.4/04.1	1463	1999 RV ₁₄₂	2001 03 06.6	11 09.00 +10 05.6	19.1 -0.97 + 7.3	1.5/05.2	10895
1999 VB ₁₉	2001 03 06.2	11 07.55 -04 49.8	20.3 -0.90 + 5.4	3.2/09.5	10922	1999 TU ₁₇₆	2001 03 06.6	11 09.07 +49 15.1	17.7 -1.66 - 4.6	16.7/20.5	10912
1999 XA	2001 03 06.2	11 07.59 +22 02.7	18.5 -1.07 + 3.2	5.4/01.6	10932	1999 TH ₃₀	2001 03 06.6	11 09.12 +02 16.9	17.2 -0.90 + 5.6	1.4/07.7	10906
1997 MO	2001 03 06.2	11 07.60 -00 12.9	20.0 -0.72 + 8.2	1.8/08.3	32967	1999 XR ₁₉	2001 03 06.7	11 09.13 +15 53.9	19.4 -1.07 + 4.1	3.7/03.7	10933
1981 EA ₄	2001 03 06.2	11 07.62 -05 04.6	18.2 -0.94 + 7.4	4.5/09.8	126	1997 EQ ₄₆	2001 03 06.7	11 09.15 +14 36.8	16.7 -1.19 - 3.6	4.3/04.8	10839
1999 XG ₇₈	2001 03 06.3	11 07.98 -16 24.3	17.7 -0.89 + 4.5	7.5/13.5	9779	1999 XY ₁₃₀	2001 03 06.7	11 09.16 -10 47.6	19.7 -0.92 + 3.3	4.8/11.6	1556
1998 KM ₉	2001 03 06.3	11 07.99 +12 18.0	18.0 -0.87 + 9.3	2.7/04.1	10855	1999 WO ₂₀	2001 03 06.7	11 09.27 +13 19.1	17.8 -0.74 + 5.8	2.5/04.1	10529
1999 VB ₃₂	2001 03 06.3	11 08.01 +11 41.6	19.3 -1.00 + 5.4	2.2/04.5	9770	1999 TL ₂₃₀	2001 03 06.7	11 09.28 +01 31.1	19.3 -0.78 + 7.0	1.1/08.1	10915
2000 YZ ₁₀₃	2001 03 06.3	11 08.01 +18 55.7	18.0 -0.87 + 9.8	5.1/01.6	11019	1999 TP ₅₁	2001 03 06.7	11 09.45 +04 53.8	18.7 -1.03 + 4.1	0.2/06.9	10428
1999 XE ₅₂	2001 03 06.3	11 08.01 -00 51.7	19.3 -0.84 + 5.0	2.1/08.4	37895	1999 VS ₃₅	2001 03 06.7	11 09.51 +31 06.0	18.1 -1.00 + 4.2	8.1/26.1	10923
3138 T-3	2001 03 06.3	11 08.06 +03 14.6	18.3 -0.89 + 7.0	1.0/07.1	10818	1999 TP ₉₀	2001 03 06.7	11 09.54 +14 46.0	19.4 -1.04 + 4.9	3.2/04.0	2661
1999 TR ₁₂₂	2001 03 06.4	11 08.01 +08 37.4	19.0 -0.88 + 6.5	1.1/05.4	10440	2001 BK ₆₉	2001 03 06.8	11 09.50 +11 53.0	16.9 -0.92 + 5.7	2.9/04.8	11040
1999 XC ₁₅₈	2001 03 06.4	11 08.08 +20 34.4	17.6 -0.78 + 6.0	4.2/01.2	10940	2000 YY ₁₀₃	2001 03 06.8	11 09.52 +11 53.1	17.7 -0.95 + 5.1	2.9/04.8	11019
1999 XJ ₁₆₆	2001 03 06.4	11 08.10 -17 24.7	18.9 -0.86 + 3.8	6.6/14.0	40422	1999 VW ₃₁	2001 03 06.8	11 09.54 +10 11.5	18.9 -1.02 + 5.7	1.7/05.4	40393
1999 TO ₁₉₆	2001 03 06.4	11 08.14 +18 11.5	20.7 -0.86 + 2.8	3.6/02.6	10913	1998 OC ₁₂	2001 03 06.8	11 09.56 +09 47.2	19.9 -0.92 + 5.1	1.4/05.5	32757
1999 TV ₂₆₀	2001 03 06.4	11 08.17 +20 27.4	19.1 -1.01 + 2.4	4.6/02.2	2672	2000 AX ₁₁	2001 03 06.8	11 09.61 +06 17.3	19.0 -0.79 + 4.7	0.3/06.6	10574
1999 TX ₇₄	2001 03 06.4	11 08.23 +07 53.6	17.0 -0.88 + 7.3	1.0/05.7	10907	1998 HE ₈₇	2001 03 06.8	11 09.63 -01 07.8	18.5 -0.99 + 6.1	2.5/08.8	40324
1999 VS ₅₆	2001 03 06.4	11 08.25 +05 24.1	18.6 -0.78 + 5.4	0.0/06.5	10924	1973 SB ₁	2001 03 06.8	11 09.64 +10 39.9	18.8 -0.60 + 4.3	1.1/05.0	10822
2001 DL ₆	2001 03 06.4	11 08.35 +23 22.0	17.9 -0.78 + 9.3	7.0/27.8	10791	1041 T-3	2001 03 06.8	11 09.73 +02 03.4	19.1 -0.89 + 3.8	1.0/07.9	38007

1999 RC ₁₈₁	2001 03 06.8	11 09.75 +09 09.9 18.2	-0.97 + 6.9	1.5/05.7	10898	2000 BQ ₂₁	2001 03 07.2	11 11.32 -01 22.7 18.3	-0.51 + 2.4	1.2/09.5	39586
2000 XK ₅₀	2001 03 06.8	11 09.76 +22 34.5 17.8	-1.09 + 3.0	6.2/02.0	10652	1993 FN ₄₉	2001 03 07.2	11 11.32 +05 48.1 18.4	-0.91 + 5.3	0.2/07.1	10829
1999 VT ₁₆₄	2001 03 06.8	11 09.92 +16 47.9 19.6	-1.04 + 4.7	4.0/03.4	10929	1998 QC ₇₀	2001 03 07.2	11 11.33 -09 47.2 18.2	-0.76 + 5.3	4.4/12.3	10862
1999 RX ₂₃₅	2001 03 06.8	11 09.92 +17 17.4 20.3	-1.00 + 5.7	3.9/03.2	1111	2000 AG ₁₄₀	2001 03 07.2	11 11.37 +11 34.6 19.1	-0.90 + 8.0	2.1/05.2	10946
1999 VW ₁₆₁	2001 03 06.9	11 09.89 +09 53.3 20.2	-0.98 + 5.0	1.4/05.6	1537	1999 RW ₂₄	2001 03 07.3	11 11.38 -01 42.4 18.4	-0.90 + 8.6	2.8/09.6	10889
1993 LE ₁	2001 03 06.9	11 09.90 +05 12.8 17.4	-1.08 - 0.1	0.1/07.0	10829	1999 XO ₁₅₆	2001 03 07.3	11 11.40 +08 55.6 19.0	-0.81 + 6.2	1.1/06.1	10940
1999 WO ₁₁	2001 03 06.9	11 09.97 -07 16.9 17.8	-0.82 + 3.5	4.1/10.9	10932	6777 P-L	2001 03 07.3	11 11.41 +04 31.2 18.5	-0.69 + 9.5	0.2/07.6	11064
1999 TD ₁₁₄	2001 03 06.9	11 10.01 +01 10.7 20.6	-0.91 + 7.8	1.3/08.3	1487	1999 XD ₁₅₁	2001 03 07.3	11 11.41 +23 24.0 19.2	-0.90 + 4.8	5.8/01.5	10561
1988 VA ₁	2001 03 06.9	11 10.13 -11 32.6 19.6	-0.97 + 5.3	5.5/12.4	36876	2000 YN ₁₀₅	2001 03 07.3	11 11.51 +13 50.4 18.2	-0.94 + 7.0	3.6/04.5	11019
2000 AE ₁₃₉	2001 03 06.9	11 10.15 +13 44.3 18.2	-0.96 + 8.1	2.9/04.2	10946	1999 XU ₅₃	2001 03 07.3	11 11.54 +01 39.0 19.8	-0.95 + 6.6	1.2/08.5	9779
1997 CB ₁₀	2001 03 06.9	11 10.19 +04 54.5 20.0	-0.97 + 5.9	0.2/07.1	36523	1999 UD ₃₈	2001 03 07.3	11 11.56 -01 34.6 19.5	-0.82 + 7.9	2.2/10.0	326
1999 VS ₁	2001 03 06.9	11 10.21 -04 41.5 19.1	-0.82 + 6.1	3.0/10.3	40387	2000 AR ₂₂	2001 03 07.3	11 11.61 +22 12.3 18.4	-0.79 + 4.7	4.5/01.6	10944
1993 FM ₅₇	2001 03 06.9	11 10.25 +14 14.1 17.7	-0.85 + 7.7	3.8/03.9	10303	1999 XD ₂₁₇	2001 03 07.3	11 11.65 +05 09.1 18.8	-0.74 + 4.6	0.0/07.4	10942
1999 XF ₅₂	2001 03 06.9	11 10.26 +01 31.8 19.4	-0.95 + 5.9	1.3/08.2	2696	1995 UX ₁	2001 03 07.3	11 11.68 +18 00.5 21.8	-1.08 + 2.5	3.9/03.9	35606
1999 VR ₃₈	2001 03 07.0	11 10.26 +05 53.9 19.5	-1.00 + 6.7	0.2/06.8	10923	1993 TL ₂₄	2001 03 07.3	11 11.69 +25 09.7 18.0	-0.93 + 1.3	5.8/01.5	10830
1998 SB ₂₈	2001 03 07.0	11 10.37 +15 54.5 18.6	-0.84 + 3.1	2.9/03.8	10868	1998 HU ₆	2001 03 07.3	11 11.73 +15 39.9 19.1	-0.95 + 6.2	3.3/04.0	10850
1998 ST ₆₆	2001 03 07.0	11 10.39 +02 17.6 18.2	-0.79 + 7.3	0.9/08.1	10869	2353 T-3	2001 03 07.4	11 11.72 -02 44.0 19.6	-0.83 + 6.1	2.8/10.0	4023
1999 TK ₆	2001 03 07.0	11 10.43 +02 01.4 19.7	-0.87 + 6.5	1.0/08.1	40377	1999 TJ ₂₁₉	2001 03 07.4	11 11.73 +00 55.0 17.8	-1.04 + 2.5	1.8/08.6	10914
1999 RX ₇	2001 03 07.0	11 10.43 +09 48.0 19.9	-1.08 + 4.2	1.6/05.8	40354	1999 XW ₈	2001 03 07.4	11 11.75 +47 17.2 21.1	-1.15 + 2.6	10.1/20.4	40404
2001 DB ₁₈	2001 03 07.0	11 10.44 +19 36.3 17.7	-0.75 + 6.8	4.2/02.0	10798	1999 VL ₃₁	2001 03 07.4	11 11.77 +04 19.3 19.4	-0.77 + 5.2	0.2/07.7	10490
1999 RZ ₂₅	2001 03 07.0	11 10.45 +09 22.6 19.3	-0.93 + 4.7	1.3/05.8	639	1999 RD ₄₃	2001 03 07.4	11 11.86 +18 20.8 21.9	-1.04 + 6.3	4.1/03.3	7497
1999 TU ₉₁	2001 03 07.0	11 10.51 +12 48.5 18.7	-0.87 + 6.8	2.5/04.6	10907	1992 RU	2001 03 07.4	11 11.86 +06 57.2 19.4	-0.95 + 7.2	0.6/06.9	10828
1999 RJ ₁₀₅	2001 03 07.0	11 10.55 +13 23.9 19.1	-1.05 + 3.5	2.9/04.8	10380	1999 VN ₂₀	2001 03 07.4	11 11.94 +17 45.9 15.9	-1.34 - 3.9	5.1/04.9	10922
2001 BN ₆₉	2001 03 07.0	11 10.57 +12 50.9 18.8	-0.95 + 6.1	2.9/04.7	10728	1999 XY ₁₃₃	2001 03 07.4	11 11.96 +04 02.5 18.9	-0.78 + 3.0	0.3/07.8	10559
2197 T-2	2001 03 07.0	11 10.58 +09 04.9 18.8	-0.98 + 4.8	1.3/05.9	2803	1998 KU ₆₄	2001 03 07.4	11 11.98 -08 37.2 17.6	-0.89 + 7.7	6.3/12.1	10857
1998 RG ₂₆	2001 03 07.0	11 10.62 +13 43.7 17.3	-0.99 + 2.0	2.8/04.7	10865	1999 XE ₆₁	2001 03 07.4	11 12.01 +14 31.1 18.9	-0.77 + 5.0	2.6/04.4	38839
1999 RZ ₂₀₄	2001 03 07.0	11 10.63 -13 02.3 21.5	-0.88 + 5.9	5.5/13.3	2656	1999 XY ₄₆	2001 03 07.4	11 12.06 -00 23.0 18.2	-0.76 + 4.6	1.7/09.3	9283
1999 VO ₁₈₈	2001 03 07.1	11 10.62 +25 31.0 18.7	-0.85 + 4.2	6.3/28.4	10930	1999 TV ₂₄₈	2001 03 07.5	11 12.18 -06 01.2 19.1	-0.81 + 7.7	3.4/11.4	1190
1999 XT ₂₄	2001 03 07.1	11 10.67 +10 33.1 19.0	-0.92 + 6.1	1.6/05.5	40407	1999 UK	2001 03 07.5	11 12.19 +03 03.8 18.8	-0.90 + 5.7	0.7/08.2	40383
1999 XD ₁₀₉	2001 03 07.1	11 10.71 +05 54.4 17.8	-0.87 + 7.0	0.2/06.9	10938	1999 VX ₂₈	2001 03 07.5	11 12.35 +10 13.3 18.7	-0.86 + 4.5	1.7/06.0	10923
2001 AF ₅₂	2001 03 07.1	11 10.73 +50 56.3 18.4	-1.13 - 0.1	14.0/18.0	10685	1998 OJ ₁₂	2001 03 07.5	11 12.39 +08 15.1 19.3	-0.91 + 4.7	1.0/06.6	32491
1999 UH ₁₄	2001 03 07.1	11 10.74 +15 41.6 19.3	-0.99 + 5.9	3.9/03.9	10918	1999 TR ₄₈	2001 03 07.5	11 12.41 +06 44.3 16.2	-0.86 + 7.4	0.7/07.0	10906
1993 XF ₃	2001 03 07.1	11 10.77 +16 23.4 21.9	-0.73 + 4.6	2.4/03.4	9032	1999 XD ₉₈	2001 03 07.5	11 12.43 -13 58.4 18.6	-0.88 + 4.7	5.5/13.7	1553
1998 HX ₉₂	2001 03 07.1	11 10.79 +09 05.9 18.5	-1.05 + 4.4	1.7/06.0	10852	1999 RM ₃₄	2001 03 07.5	11 12.43 +09 31.6 19.0	-1.08 + 4.0	1.6/06.3	10889
1999 SX ₉	2001 03 07.1	11 10.82 +12 12.4 20.0	-1.05 + 5.0	2.5/05.1	40375	1995 UL ₉	2001 03 07.5	11 12.48 +06 55.4 20.4	-0.98 + 4.1	0.6/07.1	27919
1999 VR ₁₉₃	2001 03 07.1	11 10.86 +02 20.0 20.7	-0.90 + 4.9	0.9/08.1	2690	1999 VR ₁₀	2001 03 07.6	11 12.44 +22 41.2 16.5	-0.82 + 4.7	4.9/01.7	10921
1997 BS ₄	2001 03 07.1	11 10.87 +04 52.7 19.5	-0.92 + 6.7	0.1/07.3	9688	1999 XW ₁₂₃	2001 03 07.6	11 12.51 -15 26.5 17.3	-0.89 + 3.1	7.8/14.1	9781
1999 WQ ₂₀	2001 03 07.1	11 10.88 -05 44.9 19.0	-0.81 + 7.1	3.2/10.9	2190	1998 RJ ₅₇	2001 03 07.6	11 12.52 +05 33.4 19.7	-0.74 + 5.2	0.1/07.5	10866
1999 RY ₁₀₄	2001 03 07.1	11 10.90 +10 43.6 18.6	-1.06 + 3.4	2.2/05.6	10380	1999 TT ₁₈₄	2001 03 07.6	11 12.53 -08 48.5 18.8	-1.01 + 1.9	4.9/11.6	10451
1999 VY ₆₀	2001 03 07.1	11 10.91 +33 14.7 17.1	-1.06 + 0.5	10.9/26.3	10925	1999 XL ₁₅₄	2001 03 07.6	11 12.55 -18 27.8 18.4	-0.88 + 5.5	7.9/15.6	1557
1999 TZ ₃₂₀	2001 03 07.1	11 10.95 +01 31.8 21.9	-0.86 + 6.2	1.1/08.4	2143	1992 PE ₃	2001 03 07.6	11 12.57 -03 48.1 18.3	-0.97 + 6.5	3.0/10.4	40300
1998 RV ₄₅	2001 03 07.1	11 10.96 +02 42.2 17.8	-0.95 + 3.8	1.0/07.9	10333	1996 EB ₇	2001 03 07.6	11 12.62 +05 41.5 18.9	-0.82 + 4.5	0.2/07.5	10308
1999 TF ₉₃	2001 03 07.1	11 10.97 +17 00.1 19.0	-0.99 + 5.0	4.1/03.6	10431	1999 RY ₂₅	2001 03 07.6	11 12.71 +09 24.9 20.0	-0.94 + 4.4	1.4/06.4	639
1999 RP ₁₅₃	2001 03 07.1	11 10.99 -00 58.0 19.8	-0.88 + 8.6	2.0/09.3	1460	1994 PW ₁₀	2001 03 07.6	11 12.75 +05 42.9 20.1	-0.88 + 6.8	0.2/07.5	10831
1993 FZ ₂₁	2001 03 07.2	11 10.98 +06 46.2 17.5	-0.93 + 4.1	0.6/06.8	10828	1998 RF ₉	2001 03 07.6	11 12.76 +04 55.8 19.2	-0.79 + 5.1	0.0/07.7	9718
1999 XS ₂₃	2001 03 07.2	11 11.09 +12 42.7 18.8	-0.86 + 5.5	2.6/04.8	10934	1999 TS ₁₂₅	2001 03 07.6	11 12.82 -00 44.5 21.4	-1.00 + 6.9	2.0/09.5	2664
1999 VR ₁₅₉	2001 03 07.2	11 11.15 +22 31.7 18.9	-1.06 + 1.3	6.1/02.4	10513	1999 RP ₁₉₈	2001 03 07.6	11 12.89 +02 07.2 19.3	-1.07 + 5.1	1.1/08.5	1464
1999 VS ₇₂	2001 03 07.2	11 11.18 +00 19.0 17.5	-0.84 + 5.1	1.9/08.8	10926	1999 VV ₅	2001 03 07.7	11 12.80 +23 11.6 18.4	-0.83 + 4.2	5.3/01.7	10481
1999 TD ₂₂₇	2001 03 07.2	11 11.21 -04 25.2 19.3	-1.00 + 3.5	3.1/10.0	2670	1999 ST ₁₀	2001 03 07.7	11 12.80 +16 23.9 18.7	-0.95 + 6.7	3.8/04.0	1469
1999 VK ₂₄	2001 03 07.2	11 11.25 +07 37.8 18.7	-0.93 + 6.7	0.8/06.5	10922	1999 XU ₈₅	2001 03 07.7	11 12.84 -09 46.8 18.6	-0.76 + 3.4	3.9/12.4	10936
1999 XL ₅₀	2001 03 07.2	11 11.32 +16 09.4 19.2	-0.93 + 5.6	3.8/03.8	10935	1999 VW ₃₄	2001 03 07.7	11 12.86 +01 19.0 18.8	-0.78 + 4.9	1.0/08.9	10923

1996 VE ₃₀	2001 03 07.7	11 12.92 +11 02.6 17.6	-1.01 + 6.4	2.4/05.9	10835	1999 VL ₁₇₃	2001 03 08.0	11 13.98 +12 35.6 19.1	-0.89 + 5.5	2.5/05.6	10929
1981 ES ₂₇	2001 03 07.7	11 13.05 +10 18.4 18.7	-1.13 + 1.3	2.5/06.4	10823	1999 VY ₂₉	2001 03 08.0	11 14.04 -04 29.0 19.1	-0.95 + 6.7	3.3/11.0	38107
1999 TB ₂₄₉	2001 03 07.7	11 13.05 -10 41.9 19.3	-0.75 + 7.9	4.7/13.4	10461	1996 BG ₁₀	2001 03 08.0	11 14.06 -07 39.2 20.8	-0.88 + 4.7	3.7/12.1	6734
1991 RQ ₁₉	2001 03 07.7	11 13.06 +01 20.1 19.7	-0.93 + 5.1	1.1/08.9	37261	1999 XS ₁₁₃	2001 03 08.0	11 14.15 +15 51.5 16.5	-1.01 - 0.7	3.8/05.3	10552
1999 VG ₂₁	2001 03 07.7	11 13.08 -00 31.3 19.4	-1.00 + 7.2	2.0/09.5	40391	1999 VL ₁₃₀	2001 03 08.0	11 14.18 +42 49.1 19.1	-1.43 + 0.6	13.5/23.0	40400
2001 CH ₄₄	2001 03 07.7	11 13.13 +30 39.9 19.2	-1.02 + 2.5	9.2/27.3	10788	1999 XR ₁₂₃	2001 03 08.0	11 14.28 +13 13.4 18.8	-0.98 + 3.1	2.8/05.7	10557
1999 VP ₇₅	2001 03 07.7	11 13.15 -02 46.8 19.7	-0.90 + 7.1	3.1/10.3	39319	1999 VU ₂₈	2001 03 08.0	11 14.30 +04 30.2 19.5	-0.94 + 5.7	0.1/08.2	2157
2001 DZ ₇₈	2001 03 07.7	11 13.19 +25 22.0 16.7	-0.74 +11.8	6.9/27.6	10813	1999 XK ₇₂	2001 03 08.1	11 14.34 +03 53.5 19.1	-0.85 + 5.6	0.3/08.4	10936
1998 KY ₄₆	2001 03 07.7	11 13.20 +10 38.6 18.1	-1.00 + 6.3	2.2/06.0	10856	1999 XB ₅₀	2001 03 08.1	11 14.36 +26 34.2 20.8	-0.95 + 4.3	6.1/01.1	7516
2000 AQ ₁₅₁	2001 03 07.7	11 13.21 +16 57.4 18.8	-0.96 + 6.0	4.2/04.0	10947	1999 XQ ₁₂₁	2001 03 08.1	11 14.37 +08 10.5 19.3	-0.86 + 4.4	1.0/07.1	10938
1999 TL ₈	2001 03 07.7	11 13.23 +17 02.9 19.4	-1.02 + 3.6	3.9/04.3	40377	1999 TU ₁₀₅	2001 03 08.1	11 14.58 +25 12.2 19.7	-1.07 + 2.2	6.3/02.3	2662
1999 VS ₅₈	2001 03 07.7	11 13.23 +15 14.8 19.2	-1.00 + 4.9	3.5/04.7	10924	1999 TP ₁₁₇	2001 03 08.1	11 14.60 +01 39.9 18.7	-1.01 + 3.6	1.2/09.1	1146
1999 QU ₁	2001 03 07.7	11 13.24 -02 01.6 19.5	-0.97 + 5.1	2.2/10.0	40354	1999 VE ₆₃	2001 03 08.1	11 14.60 +12 20.6 21.0	-0.96 + 5.1	2.3/05.9	2682
2001 DM ₁₈	2001 03 07.7	11 13.26 +18 46.4 17.3	-1.03 + 4.8	5.5/03.7	11054	1999 RY ₂₀₇	2001 03 08.1	11 14.60 -09 05.4 19.1	-0.85 + 8.3	4.2/13.1	40372
1999 XZ ₇₆	2001 03 07.8	11 13.18 -06 01.1 17.7	-0.74 + 4.3	3.3/11.4	10936	1999 TG ₉₂	2001 03 08.1	11 14.63 +17 11.3 18.7	-1.01 + 4.6	4.4/04.5	1481
1999 RZ ₁₅₉	2001 03 07.8	11 13.25 +11 23.4 18.8	-1.00 + 5.6	2.5/05.9	10391	1999 XF ₂₃₃	2001 03 08.1	11 14.66 +12 43.7 18.5	-0.84 + 7.3	2.4/05.5	10570
1999 XU ₂₃	2001 03 07.8	11 13.28 -08 44.3 18.8	-0.85 + 6.8	4.6/12.5	10535	1998 RC ₂	2001 03 08.1	11 14.72 +10 17.5 19.2	-0.83 + 2.3	1.5/06.6	10864
1999 XR ₆₈	2001 03 07.8	11 13.31 +15 21.2 18.2	-0.84 + 5.7	3.2/04.4	10936	1998 SU ₆₁	2001 03 08.1	11 14.73 +02 35.4 19.6	-0.82 + 2.7	0.6/08.9	9720
1999 RX ₃₄	2001 03 07.8	11 13.31 +08 40.7 18.3	-1.06 + 6.8	1.4/06.7	10889	2000 AO ₉₃	2001 03 08.2	11 14.67 +12 25.4 19.6	-0.96 + 7.5	2.5/05.8	2716
1999 RH ₁₈₀	2001 03 07.8	11 13.31 +17 14.9 18.3	-0.96 + 6.7	4.4/03.9	10396	1999 RN ₁₉₉	2001 03 08.2	11 14.69 -02 09.1 18.8	-0.97 + 5.8	2.4/10.4	2655
1999 TF ₂₀₄	2001 03 07.8	11 13.32 +05 27.9 19.1	-0.88 + 4.0	0.2/07.7	10914	2000 YO ₁₃₄	2001 03 08.2	11 14.76 +22 21.2 16.7	-1.17 - 1.9	8.2/04.0	11023
1999 RJ ₁₁₄	2001 03 07.8	11 13.34 +04 27.6 18.7	-1.03 + 5.4	0.2/08.0	10893	1999 VR ₈₈	2001 03 08.2	11 14.79 -01 54.7 18.9	-0.97 + 7.8	2.5/10.4	1528
1999 RH ₃₈	2001 03 07.8	11 13.34 +10 39.2 19.1	-1.02 + 4.4	2.0/06.2	10367	1999 TN ₃₇	2001 03 08.2	11 14.85 +12 15.8 19.5	-0.89 + 7.2	2.3/05.8	2660
1999 TL ₂₁₇	2001 03 07.8	11 13.34 -03 46.9 19.1	-0.83 + 7.8	2.9/10.8	1178	1998 SJ ₁₃₇	2001 03 08.2	11 14.88 +15 50.4 20.2	-0.74 + 4.2	2.7/04.6	10871
1999 RH ₇₅	2001 03 07.8	11 13.39 +04 35.8 18.8	-0.96 + 5.6	0.2/08.0	10372	1994 EF ₇	2001 03 08.2	11 14.94 +15 34.2 17.7	-1.02 + 4.5	4.6/05.0	10830
1999 XC ₂₀	2001 03 07.8	11 13.40 +22 45.3 18.1	-0.94 + 3.5	6.1/02.3	10534	1998 QD ₄₀	2001 03 08.2	11 14.99 +00 53.7 17.8	-0.85 + 4.4	1.3/09.5	10861
1999 TL ₂₇₀	2001 03 07.8	11 13.45 -12 37.5 20.1	-0.85 + 6.7	5.1/13.9	2673	1999 XV ₄₂	2001 03 08.2	11 14.99 +01 52.4 20.1	-0.88 + 5.8	0.9/09.2	2696
2001 DM ₃₃	2001 03 07.8	11 13.47 +11 18.1 18.1	-0.94 + 5.4	2.7/05.9	10803	1999 RU ₈₉	2001 03 08.2	11 15.02 +08 28.6 18.5	-0.92 + 8.3	1.3/07.1	1453
1998 HL ₁₄₃	2001 03 07.8	11 13.48 +11 48.7 18.4	-0.96 + 7.9	2.5/05.6	10854	2001 DM ₇₁	2001 03 08.2	11 15.04 +04 55.7 19.2	-0.72 + 4.1	0.0/08.3	10813
1999 VB	2001 03 07.8	11 13.50 +12 23.9 19.2	-0.90 + 5.7	2.3/05.5	40387	1998 QA ₃₁	2001 03 08.2	11 15.07 -00 02.4 17.0	-0.85 + 2.6	1.5/09.7	10860
1978 RA ₂	2001 03 07.8	11 13.51 +07 12.9 18.6	-1.05 + 4.7	0.8/07.2	10823	2000 XS ₄₉	2001 03 08.2	11 15.08 +30 07.6 17.9	-0.97 + 6.0	10.3/27.3	11011
1999 XT ₂₆	2001 03 07.8	11 13.52 -02 20.5 19.0	-0.97 + 6.4	2.6/10.2	2201	1999 XP ₁₂₂	2001 03 08.3	11 15.05 +09 06.7 19.5	-1.00 + 4.0	1.5/07.1	7517
1999 TS ₁₃₉	2001 03 07.8	11 13.54 +01 48.2 19.2	-0.87 + 5.7	1.1/08.9	4530	1999 TD ₃₂₀	2001 03 08.3	11 15.18 -00 44.2 19.1	-0.99 + 3.7	2.1/10.0	6951
1999 RE ₂₅	2001 03 07.8	11 13.57 +01 34.9 17.4	-0.93 + 5.6	1.4/08.9	10889	1999 RE ₇₃	2001 03 08.3	11 15.18 -01 38.7 17.7	-0.89 + 7.5	2.8/10.5	10891
1978 VO ₂	2001 03 07.9	11 13.56 -07 01.5 17.7	-0.85 + 6.0	4.3/11.9	10823	1994 PD ₂	2001 03 08.3	11 15.26 -01 38.2 18.5	-0.95 + 2.6	1.9/10.2	1890
1999 XO ₂₅₈	2001 03 07.9	11 13.58 -16 52.5 17.1	-0.69 +16.1	8.2/17.2	10571	4289 P-L	2001 03 08.3	11 15.37 +05 39.5 18.8	-1.03 + 4.3	0.3/08.1	11064
1998 SC ₆₀	2001 03 07.9	11 13.61 +16 11.3 18.1	-0.83 + 2.9	3.3/04.4	10869	1999 RH ₁₆₇	2001 03 08.3	11 15.46 +09 40.7 20.5	-0.97 + 5.5	1.5/06.9	5612
1999 RY ₁₃	2001 03 07.9	11 13.61 +07 31.2 19.2	-0.95 + 6.9	0.9/07.1	10888	1999 VE ₂₀₅	2001 03 08.4	11 15.45 -00 59.5 20.5	-0.95 + 5.7	1.8/10.2	5660
1999 XO ₁₃₇	2001 03 07.9	11 13.69 +09 21.1 19.6	-0.93 + 8.8	1.5/06.5	10559	1999 XB ₅₉	2001 03 08.4	11 15.52 +11 08.4 19.0	-1.00 + 5.9	2.3/06.5	10936
4352 T-3	2001 03 07.9	11 13.70 +18 53.6 19.0	-0.95 + 3.7	4.7/03.6	11067	1999 VM ₁₅₇	2001 03 08.4	11 15.58 +11 31.9 19.7	-0.97 + 2.2	2.4/06.6	10512
1999 VP ₇₇	2001 03 07.9	11 13.78 +06 49.4 19.3	-0.95 + 5.3	0.6/07.4	40398	1999 VH ₂₂₄	2001 03 08.4	11 15.60 +06 02.4 20.3	-0.79 + 7.2	0.4/08.0	10524
1998 JJ ₄	2001 03 07.9	11 13.79 -07 19.9 20.0	-0.87 + 6.4	3.5/11.9	37686	1998 QP ₅₂	2001 03 08.4	11 15.76 +04 43.9 23.3	-0.75 + 7.1	0.0/08.5	32768
1999 TP ₁₂₀	2001 03 07.9	11 13.84 +03 14.5 19.3	-0.97 + 5.3	0.6/08.5	1488	1998 TF ₂₀	2001 03 08.4	11 15.82 +21 16.6 18.4	-0.86 + 2.2	4.6/03.3	10872
1999 RR ₁₀₄	2001 03 07.9	11 13.88 -05 33.7 18.4	-1.00 + 6.1	4.1/11.3	2652	1999 TG ₂₈₉	2001 03 08.4	11 15.82 +16 37.5 18.6	-1.08 + 5.3	4.8/04.8	10917
1994 TW ₃	2001 03 07.9	11 13.89 +31 19.7 17.1	-1.85 - 4.7	11.2/03.1	10306	1999 VD ₄₃	2001 03 08.5	11 15.77 +11 16.8 19.2	-0.84 + 5.5	2.1/06.4	10493
2001 BT ₆₉	2001 03 07.9	11 13.91 +13 11.6 18.1	-0.96 + 7.7	2.9/05.3	10728	1999 XM ₅₂	2001 03 08.5	11 15.77 +12 26.7 18.4	-0.88 + 4.8	2.5/06.1	10935
1999 WN ₇	2001 03 07.9	11 13.93 +17 25.2 19.2	-0.97 + 5.9	3.9/04.0	10931	5710 T-3	2001 03 08.5	11 15.82 +28 29.5 18.7	-1.02 + 2.5	8.3/29.0	11067
1997 LB ₁	2001 03 07.9	11 13.94 +27 55.4 18.8	-0.82 + 5.5	6.7/27.9	10841	1999 TZ ₉	2001 03 08.5	11 15.88 +10 14.7 18.8	-0.87 + 4.8	1.8/06.8	10904
1999 WP ₉	2001 03 08.0	11 13.96 +21 07.1 19.6	-0.88 + 5.5	5.1/02.7	6262	4201 T-2	2001 03 08.5	11 15.96 +12 41.3 18.1	-0.85 + 3.8	2.5/06.1	10817
2000 AT ₁₅₄	2001 03 08.0	11 13.97 +08 37.6 19.6	-0.86 + 4.7	1.2/06.9	10586	1999 TL ₉	2001 03 08.5	11 16.13 +14 21.6 19.2	-0.97 + 3.3	3.1/05.8	10415
1999 VC ₁₂	2001 03 08.0	11 13.98 -02 19.0 20.8	-0.85 + 5.2	1.9/10.3	38814	2000 AQ ₁₃₅	2001 03 08.5	11 16.16 +08 19.3 18.1	-0.76 + 3.8	1.0/07.4	2298

1999 TS ₃₅	2001 03 08.5	11 16.16 -08 33.6 17.7	-0.73 +15.4	4.8/14.0	10906	3091 T-3	2001 03 08.9	11 17.60 -02 20.6 19.8	-0.88 + 8.4	2.5/11.3	9937
1999 WR ₁₂	2001 03 08.5	11 16.20 +03 09.0 19.3	-0.85 + 5.9	0.5/09.1	685	1999 TG ₁₀	2001 03 08.9	11 17.61 +04 44.0 17.1	-0.93 + 4.3	0.1/08.9	10904
1999 XY ₁₁₃	2001 03 08.5	11 16.21 -00 47.1 17.7	-0.99 + 1.3	2.0/10.1	10938	2000 AL ₁₆₅	2001 03 08.9	11 17.64 +29 06.8 18.2	-0.80 + 5.8	7.1/28.2	10587
1996 WA ₃	2001 03 08.6	11 16.13 +16 46.5 19.4	-1.08 + 4.7	4.2/05.1	10836	1999 XV ₂₈	2001 03 08.9	11 17.64 +08 21.7 18.0	-0.83 + 6.4	1.3/07.7	10934
9606 P-L	2001 03 08.6	11 16.15 +08 37.9 19.8	-0.75 + 4.5	1.0/07.3	36122	2001 DK ₂₀	2001 03 09.0	11 17.61 +20 21.1 17.7	-0.86 + 2.5	5.8/04.1	11054
1999 XX ₁₆₆	2001 03 08.6	11 16.17 +22 09.4 18.7	-0.93 + 3.3	5.3/03.2	10562	1999 MV	2001 03 09.0	11 17.65 -34 28.4 18.9	-1.53 - 3.0	16.4/18.9	38069
1999 RE ₁₀₅	2001 03 08.6	11 16.18 +10 11.4 19.6	-1.04 + 4.7	1.9/07.0	40364	1999 TS ₂₂₈	2001 03 09.0	11 17.65 +05 38.2 20.1	-0.85 + 7.6	0.3/08.6	1509
1999 VX ₆₄	2001 03 08.6	11 16.21 -00 54.7 17.4	-0.94 + 7.5	2.6/10.0	10925	1999 XN ₅₆	2001 03 09.0	11 17.67 +07 22.7 20.1	-0.99 + 6.5	1.0/08.1	9285
1999 XX ₂₃₄	2001 03 08.6	11 16.22 +06 05.2 20.4	-0.85 + 6.7	0.4/08.2	10570	1037 T-2	2001 03 09.0	11 17.75 +02 28.5 21.8	-0.92 + 6.1	0.7/09.7	2803
1999 UH ₂	2001 03 08.6	11 16.23 -02 44.7 19.1	-0.92 + 7.8	2.6/11.1	40383	1997 HO ₁	2001 03 09.0	11 17.80 +02 49.8 18.5	-0.88 + 5.8	0.6/09.6	10840
1999 WG ₉	2001 03 08.6	11 16.35 +24 00.8 18.8	-0.88 + 6.4	5.6/02.0	10932	2000 AD ₁₇₁	2001 03 09.0	11 17.81 +21 11.2 18.4	-0.86 + 7.1	4.8/03.2	9787
1999 VL ₁₂₈	2001 03 08.6	11 16.38 +09 18.0 19.9	-0.94 + 5.0	1.7/07.2	1205	1999 XB ₂₄₂	2001 03 09.0	11 17.85 -09 01.3 18.2	-0.92 + 3.9	5.0/13.2	10571
1999 WN ₆	2001 03 08.6	11 16.41 +15 45.6 18.6	-0.78 + 4.9	3.2/05.0	38829	1994 WS ₁	2001 03 09.0	11 18.03 -09 06.4 18.1	-0.82 + 3.9	4.2/13.5	10831
1998 QW ₁₅	2001 03 08.6	11 16.44 +03 26.3 19.0	-0.76 + 4.9	0.3/09.1	10860	1981 DF ₁	2001 03 09.1	11 17.98 -05 43.9 18.5	-0.87 + 2.3	3.1/12.1	10823
1999 VE ₂	2001 03 08.6	11 16.55 +02 25.6 19.1	-0.86 + 6.6	0.7/09.4	2679	1999 TY ₂₀₄	2001 03 09.1	11 17.98 +06 32.4 19.1	-1.08 + 5.4	0.7/08.5	10455
1999 XT ₁₃₇	2001 03 08.7	11 16.52 +16 48.5 19.9	-0.94 + 4.2	3.7/05.0	1556	1998 QE ₉₀	2001 03 09.1	11 17.99 -11 31.4 19.0	-0.93 + 2.4	4.8/13.7	10863
1998 QB ₄₆	2001 03 08.7	11 16.52 +02 00.5 17.8	-0.92 + 4.1	1.0/09.5	10861	1999 VO ₃₄	2001 03 09.1	11 18.04 -12 45.1 18.3	-0.84 + 5.4	5.1/14.9	10923
1999 VP ₃₉	2001 03 08.7	11 16.68 +14 46.3 19.8	-1.04 + 6.1	3.7/05.6	10923	2000 BQ ₅	2001 03 09.1	11 18.07 +45 33.1 18.2	-0.66 + 1.9	6.8/20.4	10949
3169 T-2	2001 03 08.7	11 16.69 +12 41.1 18.7	-1.15 + 3.0	3.2/06.6	11066	2000 AR ₁₈₆	2001 03 09.1	11 18.10 +07 37.7 19.6	-0.89 + 8.9	1.0/08.1	9787
1998 SB ₇₂	2001 03 08.7	11 16.70 +08 31.4 19.6	-0.73 + 4.7	1.0/07.5	10869	1999 VX ₁₂₁	2001 03 09.1	11 18.12 +17 56.7 20.5	-1.02 + 5.5	4.9/04.9	7513
1999 XM ₁₃₃	2001 03 08.7	11 16.72 -13 44.5 19.2	-0.83 + 2.3	4.8/14.5	38597	1997 GY ₁₂	2001 03 09.1	11 18.17 +03 41.0 18.7	-0.83 + 6.1	0.3/09.4	10840
2000 AC ₁₀₂	2001 03 08.7	11 16.73 +09 31.9 19.8	-0.91 + 7.1	1.5/07.2	3491	1999 RL ₂₂	2001 03 09.1	11 18.17 +07 36.7 18.0	-1.10 + 2.9	1.2/08.3	10888
1994 CX	2001 03 08.7	11 16.74 +03 45.0 18.2	-0.84 + 9.7	0.4/09.1	10304	1999 VK ₂₂	2001 03 09.1	11 18.18 -07 05.8 20.3	-0.90 + 6.1	3.4/12.9	38105
1992 SG ₁₃	2001 03 08.7	11 16.81 +09 37.0 18.7	-1.01 + 4.7	1.6/07.3	10828	1999 RD ₂₂₅	2001 03 09.1	11 18.19 -00 47.5 19.0	-1.05 + 4.1	1.9/10.7	1467
1999 RH ₁₇₂	2001 03 08.8	11 16.88 +10 50.5 18.9	-1.08 + 3.7	2.4/07.1	10897	1999 RB ₁₃₃	2001 03 09.1	11 18.25 -05 09.4 17.4	-0.90 + 7.1	3.4/12.4	10894
2000 AR ₉₉	2001 03 08.8	11 16.89 +05 47.0 17.8	-0.87 + 7.9	0.4/08.4	10945	1998 QN ₄₁	2001 03 09.1	11 18.27 +03 52.0 18.4	-0.82 + 4.7	0.2/09.4	10861
2000 AY ₂₃₇	2001 03 08.8	11 16.90 -02 38.4 20.5	-0.87 + 5.3	2.1/11.1	2328	1999 TT ₁₇₇	2001 03 09.1	11 18.27 -05 42.6 20.7	-0.79 + 6.7	2.7/12.6	1502
1999 VM ₃₉	2001 03 08.8	11 16.95 +08 26.4 20.5	-0.92 + 5.8	1.2/07.6	38111	1999 TZ ₂	2001 03 09.1	11 18.30 +11 04.8 19.6	-1.02 + 7.3	2.3/07.1	10903
1999 UD ₄	2001 03 08.8	11 16.98 +14 10.1 19.1	-0.99 + 4.6	3.2/05.9	10467	1999 XV ₅₂	2001 03 09.1	11 18.31 +07 06.8 20.2	-0.95 + 5.7	0.8/08.4	4543
2000 AL ₂₃₃	2001 03 08.8	11 17.00 +06 21.1 18.8	-0.50 + 3.3	0.3/08.2	10592	1998 ME ₃₂	2001 03 09.1	11 18.34 +01 37.5 18.9	-0.88 + 4.8	0.9/10.0	10857
1999 TL ₂₅₃	2001 03 08.8	11 17.01 +09 33.8 19.2	-1.04 + 3.4	2.0/07.4	10462	1999 UQ ₂₃	2001 03 09.2	11 18.36 +00 55.6 18.9	-1.05 + 3.4	1.4/10.2	10471
1999 RP ₇₁	2001 03 08.8	11 17.10 +08 48.1 19.5	-0.95 + 6.1	1.6/07.5	6883	1999 VJ ₉₂	2001 03 09.2	11 18.39 +10 01.6 18.2	-1.06 + 4.3	2.4/07.6	10927
1998 RD ₁	2001 03 08.8	11 17.10 +04 33.7 18.1	-0.79 + 3.0	0.0/08.9	10864	1993 FG ₁₄	2001 03 09.2	11 18.41 +16 30.6 17.2	-1.01 + 3.4	4.7/05.6	10302
1999 TX ₁₄	2001 03 08.8	11 17.11 +16 31.8 20.5	-0.93 + 4.0	3.4/05.2	40379	1998 FX ₅₇	2001 03 09.2	11 18.44 -00 13.8 18.2	-1.01 + 7.8	1.7/10.7	1021
1999 TW ₂₃₆	2001 03 08.8	11 17.14 +10 52.4 18.8	-0.77 + 8.6	2.2/06.6	10460	2000 AZ ₁₈₇	2001 03 09.2	11 18.45 -00 17.0 17.7	-0.78 + 9.8	1.6/10.9	1236
1999 RD ₇₄	2001 03 08.8	11 17.14 +07 53.5 19.4	-0.95 + 8.6	1.2/07.8	1452	1995 XH ₃	2001 03 09.2	11 18.49 +02 10.5 19.1	-0.82 + 7.5	0.9/10.0	10833
1999 TU ₁₃	2001 03 08.8	11 17.19 +13 29.0 18.2	-1.05 + 4.7	3.1/06.2	10904	1998 HR ₉₇	2001 03 09.2	11 18.55 +03 16.4 18.8	-1.04 + 5.6	0.5/09.6	10853
1999 VB ₆₇	2001 03 08.8	11 17.19 +25 19.1 20.8	-0.95 + 3.7	5.9/02.3	1526	1999 XV ₄₁	2001 03 09.2	11 18.56 +02 25.1 20.1	-0.87 + 5.2	0.6/10.0	1549
1999 VL ₅₆	2001 03 08.8	11 17.20 +09 29.0 19.8	-0.95 + 5.4	1.5/07.4	40396	1998 SH ₁₄₃	2001 03 09.2	11 18.61 +14 41.5 17.7	-0.76 + 5.1	3.1/05.8	10871
1999 XC ₁₈	2001 03 08.8	11 17.21 +12 49.2 17.3	-1.02 + 4.1	3.5/06.5	10933	1998 RG ₆₇	2001 03 09.2	11 18.61 -00 04.4 18.8	-0.73 + 4.2	1.1/10.7	38788
1999 VR ₁₇₈	2001 03 08.8	11 17.22 +31 15.9 20.0	-0.95 + 3.1	8.4/28.1	10519	1998 KW ₂₅	2001 03 09.2	11 18.61 +08 36.7 19.2	-0.92 + 6.6	1.3/07.9	10855
1999 UC ₅	2001 03 08.8	11 17.28 +03 20.1 18.9	-0.91 + 6.2	0.4/09.3	40384	1999 VG ₁₇₁	2001 03 09.2	11 18.62 +02 52.3 19.1	-0.95 + 5.5	0.5/09.7	2688
1999 TX ₃₃	2001 03 08.8	11 17.32 +00 05.5 20.4	-0.97 + 7.9	1.6/10.3	653	1999 XG ₂₄₃	2001 03 09.2	11 18.63 -16 17.1 18.9	-0.92 + 3.7	6.4/15.9	2706
1999 VH ₄₈	2001 03 08.8	11 17.32 -02 58.1 18.7	-0.89 + 5.5	2.4/11.3	10924	1999 TQ ₉₆	2001 03 09.2	11 18.64 +11 25.4 17.9	-0.90 + 8.1	2.6/06.9	10908
1999 VR ₁₅₅	2001 03 08.9	11 17.31 +06 17.4 19.5	-0.77 + 4.6	0.5/08.4	10512	2001 BG ₆₀	2001 03 09.2	11 18.66 +01 08.2 17.1	-0.87 + 2.4	1.0/10.2	10719
1997 QB ₃	2001 03 08.9	11 17.32 +02 13.4 17.6	-0.69 + 9.2	0.7/09.8	10315	1999 RC ₄₄	2001 03 09.2	11 18.67 +21 20.8 17.6	-0.96 + 3.4	5.2/04.1	10890
1999 UN ₃₇	2001 03 08.9	11 17.43 +10 35.4 18.6	-1.04 + 4.3	2.6/07.2	10474	1999 UF ₅₃	2001 03 09.2	11 18.69 -01 19.0 20.4	-0.97 + 4.8	1.9/11.0	2679
1993 FC ₂₇	2001 03 08.9	11 17.45 +02 27.8 17.7	-0.93 + 4.7	0.8/09.6	10302	2000 YK ₁₀₄	2001 03 09.2	11 18.73 +13 26.0 16.7	-0.87 + 4.9	3.9/06.4	11019
1999 UA ₅₀	2001 03 08.9	11 17.49 +05 28.7 20.5	-0.90 + 7.0	0.3/08.7	4535	2001 AY ₁₇	2001 03 09.2	11 18.73 +01 11.6 17.2	-1.06 + 4.1	1.5/10.2	10676
1999 RU ₂₀₉	2001 03 08.9	11 17.51 -05 19.1 19.5	-0.99 + 2.5	3.4/11.8	2656	1998 QB ₇	2001 03 09.3	11 18.74 +19 16.3 19.0	-0.80 + 6.2	4.1/04.2	10859
1993 TN ₃₀	2001 03 08.9	11 17.59 +10 32.5 19.4	-0.79 + 5.5	1.7/07.0	10830	1994 AV ₁₀	2001 03 09.3	11 18.76 +03 20.1 18.3	-1.06 + 4.6	0.4/09.6	10830

2000 AE ₁₀₃	2001 03 09.3	11 18.77 +16 46.6 18.9	-0.76 + 5.4	3.4/05.2	2717	1999 VH ₂₁	2001 03 09.6	11 20.26 -07 33.1 17.9	-0.80 + 8.3	3.9/13.9	2680
1997 GT ₁	2001 03 09.3	11 18.88 +02 52.9 19.4	-0.87 + 6.0	0.5/09.8	10840	1999 XP ₁₅₂	2001 03 09.6	11 20.28 +29 23.9 18.2	-1.00 + 3.3	8.6/01.6	10940
1999 VH ₁₇₄	2001 03 09.3	11 18.89 -11 59.0 18.8	-0.96 + 4.0	5.1/14.4	1539	1999 UF ₁	2001 03 09.7	11 20.22 +26 07.3 18.7	-0.97 + 0.8	6.8/03.4	10917
1999 UE ₄₄	2001 03 09.3	11 18.89 +00 51.3 18.3	-0.93 + 4.2	1.3/10.4	10475	1999 TW ₁₅₄	2001 03 09.7	11 20.28 +07 42.0 18.1	-0.86 + 6.5	1.2/08.6	10911
1999 YM ₅	2001 03 09.3	11 18.91 +26 55.2 18.2	-0.80 + 4.4	5.6/01.5	10572	1991 GW ₁₀	2001 03 09.7	11 20.32 +13 11.6 19.1	-0.92 + 1.8	3.0/07.1	10826
1999 RG ₂₁₆	2001 03 09.3	11 18.94 +09 18.2 18.4	-0.96 + 7.2	1.7/07.8	649	1999 VH ₁₀₈	2001 03 09.7	11 20.32 -12 56.0 19.2	-0.80 + 6.5	6.5/15.7	2171
1998 MA ₅	2001 03 09.3	11 18.96 -01 34.0 19.1	-0.87 + 4.6	1.9/11.2	38052	1999 VR ₁₈₅	2001 03 09.7	11 20.38 +05 24.6 18.1	-0.80 + 6.3	0.4/09.4	10930
2000 AC ₁₆₉	2001 03 09.3	11 18.96 +08 05.3 18.5	-0.79 + 7.1	1.1/08.1	1565	1994 PG ₁₅	2001 03 09.7	11 20.38 +04 05.1 18.9	-0.84 + 6.3	8.0/18.0	39161
1999 VH ₁₂₂	2001 03 09.3	11 18.98 +13 41.1 19.0	-0.86 + 5.2	3.2/06.4	10928	1998 QK ₂₆	2001 03 09.7	11 20.44 +03 53.4 19.2	-0.74 + 4.8	6.5/30.0	10860
1998 HJ ₂	2001 03 09.3	11 19.05 +08 58.4 19.3	-1.00 + 7.5	1.7/07.9	10850	1999 TQ ₅	2001 03 09.7	11 20.45 +00 43.3 18.2	-0.86 + 6.7	1.2/10.9	2658
1981 EV ₄	2001 03 09.3	11 19.09 -04 53.9 19.0	-1.01 + 3.6	4.3/12.1	26915	1998 KR ₃₃	2001 03 09.7	11 20.47 +10 19.5 18.0	-0.96 + 5.5	2.9/07.9	10856
1999 WL ₁₆	2001 03 09.3	11 19.12 +12 43.5 19.0	-0.97 + 5.7	2.9/06.8	40402	1999 XO ₁₉	2001 03 09.7	11 20.48 -03 03.9 19.3	-0.95 + 6.7	2.6/12.1	10933
1998 RN ₃₅	2001 03 09.3	11 19.16 +04 55.1 17.4	-0.81 + 4.7	0.2/09.2	10865	6105 P-L	2001 03 09.7	11 20.50 -04 34.4 19.0	-0.74 + 7.4	2.5/12.8	33383
1999 XU ₄₃	2001 03 09.4	11 19.08 +02 26.3 18.9	-0.89 + 5.1	0.6/10.0	10935	1999 XL ₂₁	2001 03 09.7	11 20.57 +01 58.7 19.3	-0.92 + 8.5	0.8/10.5	2199
1998 QB ₈₇	2001 03 09.4	11 19.11 -14 30.1 18.1	-0.82 + 2.1	5.0/15.3	39535	1999 VY ₉₈	2001 03 09.7	11 20.59 +01 39.5 17.4	-0.89 + 6.6	1.1/10.6	10927
1999 VM ₂₆	2001 03 09.4	11 19.13 +02 42.7 19.9	-0.87 + 5.9	0.5/10.0	10487	1999 XV ₁₈	2001 03 09.7	11 20.61 -04 48.1 19.2	-0.86 + 7.8	2.9/12.9	5665
2000 AX ₆	2001 03 09.4	11 19.13 +05 08.9 19.2	-0.77 + 3.7	0.2/09.2	10573	1291 T-1	2001 03 09.7	11 20.62 -05 59.7 17.9	-0.75 + 9.9	3.8/13.5	11065
1995 SD ₃₆	2001 03 09.4	11 19.14 +05 13.4 21.2	-0.93 + 5.5	0.3/09.2	1900	1999 VX ₉₃	2001 03 09.8	11 20.71 -01 06.2 20.5	-0.97 + 7.3	1.9/11.5	333
2001 BU ₆₉	2001 03 09.4	11 19.19 +10 50.4 17.4	-0.90 + 1.5	2.2/07.6	10729	1999 XM ₈₁	2001 03 09.8	11 20.79 +04 02.3 19.0	-0.76 + 4.9	7.5/18.0	10936
1999 UJ ₉	2001 03 09.4	11 19.19 +02 32.2 18.4	-0.85 + 5.7	0.6/10.0	10918	1999 RC ₄₅	2001 03 09.8	11 20.84 +09 39.0 19.1	-0.90 + 9.2	1.9/08.0	36915
1998 QU ₄₀	2001 03 09.4	11 19.28 +02 15.9 18.8	-0.84 + 7.6	0.7/10.0	10861	2000 BH ₁₆	2001 03 09.8	11 20.86 +00 04.7 18.4	-0.86 + 3.9	1.2/11.1	2729
1999 RO ₂₁₀	2001 03 09.4	11 19.28 -05 46.7 19.2	-1.00 + 6.0	3.6/12.6	40373	1999 XA ₆₃	2001 03 09.8	11 20.94 -08 56.4 18.8	-0.75 + 5.8	4.1/14.4	6263
1998 PY	2001 03 09.4	11 19.30 -10 26.5 22.1	-0.87 + 1.8	3.8/13.8	6807	1999 XZ ₁₉	2001 03 09.8	11 20.97 +10 07.1 19.1	-0.95 + 5.7	1.9/08.0	687
1999 VV ₄₅	2001 03 09.4	11 19.31 +05 32.7 19.6	-1.05 + 4.1	0.4/09.1	10494	1999 VA ₇₁	2001 03 09.8	11 20.99 +10 38.5 18.6	-0.88 + 5.3	2.2/07.8	10926
1998 RZ ₈	2001 03 09.4	11 19.36 +04 36.4 19.7	-0.74 + 5.6	0.1/09.4	38059	1999 TG ₂₃₂	2001 03 09.9	11 20.97 +16 29.6 19.4	-0.93 + 8.3	4.4/05.7	10915
1998 QX ₂₂	2001 03 09.4	11 19.41 +17 20.1 18.9	-0.72 + 7.9	3.6/04.8	10860	2001 DH ₁₉	2001 03 09.9	11 20.98 +17 01.5 18.4	-0.99 + 5.3	4.3/05.8	10798
1999 UO ₃	2001 03 09.4	11 19.42 -00 51.1 18.6	-0.88 + 7.3	1.7/11.2	5643	1999 RQ ₉₅	2001 03 09.9	11 21.03 +07 09.5 18.7	-0.95 + 8.4	1.0/08.9	10378
1999 VC ₁₉₂	2001 03 09.4	11 19.45 +29 22.1 18.2	-1.09 + 2.0	9.0/01.6	10520	1999 VX ₂₂₃	2001 03 09.9	11 21.03 -02 35.7 18.7	-0.75 + 8.3	2.4/12.3	10931
1999 XX ₄₆	2001 03 09.4	11 19.45 -01 18.1 18.7	-0.78 + 5.0	1.7/11.3	10935	1981 SE ₇	2001 03 09.9	11 21.09 +14 42.3 16.6	-0.87 + 5.0	3.2/06.6	10824
1998 SD ₇₉	2001 03 09.4	11 19.47 +16 04.3 17.6	-1.06 + 2.6	3.8/06.1	10869	1996 YA ₂	2001 03 09.9	11 21.10 +22 14.6 15.9	-0.79 + 7.9	8.2/03.3	10836
1998 QC ₇₁	2001 03 09.4	11 19.51 -05 27.9 19.3	-0.76 + 5.1	2.4/12.7	38784	1998 QN ₃₆	2001 03 09.9	11 21.13 +06 22.8 18.0	-0.67 + 9.9	0.6/09.1	10861
1999 RG ₁₉₉	2001 03 09.4	11 19.53 +06 48.4 19.3	-0.99 + 2.6	0.8/08.8	10398	1999 RL ₃₉	2001 03 09.9	11 21.14 +16 58.0 19.7	-1.03 + 6.7	4.3/05.9	40359
1996 HZ ₁₂	2001 03 09.5	11 19.46 +32 41.2 19.2	-0.96 + 1.5	8.0/28.0	5417	1999 XY ₁₆₃	2001 03 09.9	11 21.22 -01 15.7 17.2	-0.86 + 4.7	2.0/11.7	10940
1988 CS ₅	2001 03 09.5	11 19.48 -08 49.9 18.7	-0.93 + 3.6	4.1/13.5	40293	1999 XG ₁₆	2001 03 09.9	11 21.23 +49 21.8 20.1	-1.23 + 1.4	11.1/21.7	40405
1999 VJ ₅₀	2001 03 09.5	11 19.55 +09 24.0 19.7	-0.86 + 4.3	1.6/08.0	9247	1999 VT ₄₇	2001 03 09.9	11 21.24 -12 33.9 18.7	-0.94 + 4.6	5.3/15.3	1524
1998 HG ₇	2001 03 09.5	11 19.56 +42 50.4 18.7	-1.39 + 1.4	12.6/23.9	10850	1999 RD ₂₁₁	2001 03 09.9	11 21.29 -06 08.4 17.3	-0.97 + 4.7	4.6/13.1	10900
1999 VJ ₁₇₄	2001 03 09.5	11 19.68 +12 36.8 17.8	-1.02 + 3.8	3.1/07.1	10929	1999 UP ₄	2001 03 09.9	11 21.32 +06 16.7 19.5	-0.97 + 5.3	0.7/09.3	38093
1999 XK ₁₅₃	2001 03 09.5	11 19.69 +21 16.8 18.3	-0.83 + 3.6	4.9/04.1	10940	1998 UX ₃₂	2001 03 09.9	11 21.35 +23 06.4 17.9	-1.07 + 2.9	6.8/04.1	10873
1998 RW ₄₈	2001 03 09.5	11 19.71 +02 04.1 19.1	-0.79 + 5.0	0.7/10.3	33350	1999 RG ₁₃₇	2001 03 10.0	11 21.35 -00 52.6 17.2	-1.08 + 3.2	2.1/11.4	10895
1994 YF ₁	2001 03 09.5	11 19.72 -08 27.4 17.9	-0.82 + 3.4	3.9/13.6	10832	1999 TZ ₁₉₆	2001 03 10.0	11 21.36 -01 11.9 18.5	-1.01 + 4.4	2.1/11.6	5638
1999 TX ₂₁₂	2001 03 09.5	11 19.73 -03 37.8 19.7	-0.95 + 7.4	2.8/12.1	1506	1999 TS ₁₀₅	2001 03 10.0	11 21.40 +02 10.7 19.3	-0.95 + 6.8	0.6/10.7	1485
1999 XX ₁₅₅	2001 03 09.5	11 19.85 -21 20.7 18.0	-0.75 + 4.7	7.7/18.9	1557	2000 XT ₁₃	2001 03 10.0	11 21.42 -01 45.9 16.2	-1.96 -12.2	3.3/10.6	11009
1999 XO ₃₀	2001 03 09.5	11 19.88 +24 44.8 18.9	-0.88 + 6.3	5.9/02.5	688	1999 VU ₉₀	2001 03 10.0	11 21.49 +11 02.9 19.0	-0.92 + 4.5	2.3/07.9	10506
1999 RY ₁₆₄	2001 03 09.6	11 19.85 -01 02.8 17.9	-0.81 + 9.0	1.9/11.5	10896	1999 RM ₂₄₁	2001 03 10.0	11 21.49 +02 47.3 20.7	-0.94 + 6.6	0.5/10.5	6920
1999 XT ₈₂	2001 03 09.6	11 19.85 -05 57.8 18.6	-0.76 + 4.7	2.8/13.0	2697	1999 VY ₉	2001 03 10.0	11 21.55 -00 27.2 17.7	-0.90 + 2.4	1.5/11.4	10921
1999 SV ₁₁	2001 03 09.6	11 19.91 +12 35.1 19.8	-0.90 + 5.6	2.5/07.0	2657	1999 XF ₁₈₈	2001 03 10.0	11 21.62 -04 02.3 18.1	-0.84 + 3.1	2.4/12.6	2702
1999 VE ₃₄	2001 03 09.6	11 19.92 -03 12.1 19.1	-0.93 + 6.4	2.6/12.0	2158	1993 QY ₃	2001 03 10.0	11 21.66 +06 49.6 19.7	-0.73 + 7.4	0.7/09.1	9674
1999 WA ₁₃	2001 03 09.6	11 20.02 -01 43.6 17.8	-0.96 + 1.3	2.0/11.3	10527	1999 XU ₄₇	2001 03 10.0	11 21.67 +09 20.0 19.7	-0.95 + 5.9	1.7/08.4	38140
1999 TY ₁₂₂	2001 03 09.6	11 20.17 +05 13.9 19.5	-0.91 + 4.5	0.3/09.4	310	1999 RX ₁₇₀	2001 03 10.0	11 21.72 +05 37.0 19.3	-0.85 +10.7	0.5/09.6	10897
1999 US ₄₁	2001 03 09.6	11 20.21 -15 22.3 19.0	-0.89 +10.4	6.2/16.8	1194	1999 RH ₂₅₀	2001 03 10.1	11 21.70 +06 05.3 17.2	-1.04 + 1.6	1.0/09.6	10902
1999 XS ₁₈₈	2001 03 09.6	11 20.26 -05 27.8 18.5	-0.80 + 3.5	2.8/12.8	38858	1999 XK ₂₅	2001 03 10.1	11 21.87 +27 20.8 19.4	-0.93 + 3.4	6.8/02.6	40407

1998 QX ₃	2001 03 10.1	11 21.89 +11 37.4 17.9	-0.70 + 6.9	2.0/07.5	10859	1999 VJ ₁₂	2001 03 10.5	11 23.37 +03 45.6 19.4	-1.04 + 5.1	0.1/10.6	1521
1997 CB ₆	2001 03 10.1	11 21.96 +02 12.0 18.7	-0.89 + 7.1	0.8/10.8	10312	2000 YQ ₁₀₅	2001 03 10.5	11 23.38 +15 47.5 17.9	-0.97 + 6.7	4.4/06.6	11019
1998 SQ ₅₃	2001 03 10.1	11 21.96 +01 29.0 19.4	-0.81 + 2.6	0.7/11.0	38790	1999 XZ ₄₀	2001 03 10.5	11 23.43 -14 07.6 19.7	-0.86 + 6.1	5.6/16.7	1549
1999 VM ₃₇	2001 03 10.1	11 21.98 -09 53.9 17.3	-0.88 + 6.1	4.6/14.7	10923	2001 DA ₁₉	2001 03 10.5	11 23.45 +15 36.0 18.5	-1.00 + 4.7	5.0/06.9	10798
1999 TN ₄₀	2001 03 10.1	11 22.00 +13 23.1 18.3	-1.06 + 3.3	3.7/07.5	10427	1999 VZ ₃₂	2001 03 10.5	11 23.49 -07 48.9 17.9	-0.78 + 5.8	4.5/14.5	10923
1999 VZ ₅	2001 03 10.1	11 22.05 +22 58.5 17.9	-0.83 + 4.5	5.6/03.8	10481	1999 VH ₃₁	2001 03 10.5	11 23.55 +20 27.3 19.2	-0.82 + 3.7	4.6/05.3	40393
2001 AV ₁₇	2001 03 10.1	11 22.10 +05 02.7 17.3	-0.79 + 8.4	0.4/09.9	10676	1998 QK ₁₆	2001 03 10.5	11 23.58 -11 35.2 19.0	-0.93 + 2.7	4.7/15.2	10860
2001 BP ₃₄	2001 03 10.2	11 22.04 +09 17.2 17.4	-0.67 +15.2	2.1/08.1	11034	1999 VN ₁₇₁	2001 03 10.5	11 23.60 +12 27.5 19.8	-1.00 + 5.2	2.8/08.0	3464
1983 RJ ₁	2001 03 10.2	11 22.10 +02 04.4 18.3	-0.91 + 6.0	0.6/10.9	10299	1998 HH ₁₂₅	2001 03 10.6	11 23.51 +08 55.6 17.8	-0.87 +11.3	2.1/08.8	10854
1994 UL	2001 03 10.2	11 22.22 +21 30.5 17.9	-0.86 + 3.9	4.8/04.6	10831	1999 VS ₃₇	2001 03 10.6	11 23.54 +12 04.9 17.1	-0.78 + 4.7	2.7/07.9	10493
1999 RB ₃₃	2001 03 10.2	11 22.25 +07 03.1 18.7	-0.95 + 8.3	1.0/09.3	10889	1998 QY	2001 03 10.6	11 23.55 +12 02.0 18.6	-0.82 + 9.5	2.5/07.7	10859
1999 VY ₁₃₅	2001 03 10.2	11 22.27 +46 01.6 19.6	-1.60 - 2.3	16.3/23.9	10928	1999 XH ₂₁₂	2001 03 10.6	11 23.55 +08 42.6 19.2	-1.01 + 7.3	1.6/09.1	10941
1999 XM ₁₈₅	2001 03 10.2	11 22.28 +29 00.2 18.3	-0.90 + 2.2	7.0/02.2	10564	1995 YK ₂₀	2001 03 10.6	11 23.57 -04 56.5 18.3	-0.87 + 4.4	3.0/13.4	10833
1998 RP ₁	2001 03 10.2	11 22.35 +05 15.0 19.4	-0.83 + 4.9	0.3/09.9	10864	1996 XN ₅	2001 03 10.6	11 23.59 +09 57.1 17.5	-0.98 + 5.6	2.5/08.8	10836
1999 VR ₆₉	2001 03 10.3	11 22.42 +16 38.6 19.0	-0.94 + 3.9	3.9/06.5	38121	1981 EL ₁₂	2001 03 10.6	11 23.62 -02 05.5 18.7	-1.01 + 4.9	2.6/12.4	22270
1998 HC ₉₂	2001 03 10.3	11 22.46 +12 51.6 18.5	-1.02 + 5.7	3.8/07.6	10852	2000 AX ₁₀	2001 03 10.6	11 23.63 +18 33.4 18.6	-0.85 + 3.6	4.3/06.0	10574
1999 VA ₁₄₈	2001 03 10.3	11 22.47 +18 06.8 18.1	-1.03 + 5.0	5.5/05.9	10512	1999 TS ₂₃₆	2001 03 10.6	11 23.66 +14 28.2 18.8	-1.01 + 7.0	3.9/07.2	10915
1999 XN ₁₅₈	2001 03 10.3	11 22.47 +12 19.1 17.6	-0.88 + 6.9	2.9/07.5	10940	1998 HV ₉₅	2001 03 10.6	11 23.67 +12 52.2 19.2	-0.97 + 6.2	3.0/07.8	10853
1992 UQ ₁	2001 03 10.3	11 22.51 +13 50.2 17.0	-1.07 + 2.8	4.1/07.6	10302	1998 VW ₁₇	2001 03 10.6	11 23.73 -14 24.8 18.7	-0.71 + 5.5	4.8/17.0	6220
1998 RV ₅₆	2001 03 10.3	11 22.52 +01 52.2 18.9	-0.74 + 3.9	0.6/11.0	10866	1999 VF ₂₅	2001 03 10.6	11 23.80 -12 45.9 18.6	-0.86 + 5.5	5.1/16.2	1522
1999 XX ₁₃	2001 03 10.3	11 22.54 -13 08.0 17.9	-0.69 + 8.3	5.3/16.8	2694	1999 VT ₁₃₇	2001 03 10.6	11 23.84 +12 05.6 19.4	-1.04 + 5.8	2.9/08.1	1206
2001 AR ₄₇	2001 03 10.3	11 22.56 +51 07.8 18.1	-1.49 - 4.4	17.9/23.0	11029	1999 TY ₁₉₆	2001 03 10.6	11 23.87 +18 58.8 18.3	-1.01 + 2.2	5.5/06.3	1504
1999 XW ₁₁	2001 03 10.3	11 22.59 -01 05.8 19.0	-1.02 + 4.7	1.7/11.9	40404	1994 PJ ₁₂	2001 03 10.6	11 23.90 +01 32.6 19.7	-0.83 + 5.4	0.7/11.4	9677
1998 RW ₆₉	2001 03 10.3	11 22.60 +06 01.2 20.5	-0.71 + 4.9	0.5/09.7	10334	1999 XA ₆₁	2001 03 10.6	11 23.94 +27 21.6 18.4	-0.88 + 4.3	6.3/02.8	10936
1999 VV ₁₂₃	2001 03 10.3	11 22.61 +01 39.9 18.2	-0.90 + 7.5	1.0/11.1	10928	2000 AP ₁₂	2001 03 10.7	11 23.89 +00 08.9 18.6	-0.89 + 5.0	1.1/11.9	39338
1995 SQ ₄₄	2001 03 10.3	11 22.63 +03 32.0 20.0	-0.91 + 5.7	0.2/10.5	2621	1999 UQ ₃₈	2001 03 10.7	11 23.92 -04 45.7 19.0	-0.97 + 6.0	3.0/13.4	2677
1999 VQ ₃₀	2001 03 10.3	11 22.70 -16 51.0 18.8	-0.79 + 6.2	6.4/17.8	40393	1978 UN ₅	2001 03 10.7	11 24.13 +06 58.6 18.9	-0.94 + 4.6	1.0/09.8	10823
1998 QW ₃₂	2001 03 10.3	11 22.71 +06 20.6 18.8	-0.74 + 8.0	0.7/09.5	10860	1999 UR ₁	2001 03 10.7	11 24.14 -00 17.0 19.0	-0.97 + 6.9	1.4/12.1	40383
1998 SN ₁₅₆	2001 03 10.3	11 22.75 +04 36.2 19.0	-0.81 + 4.6	0.2/10.2	35635	1999 XT ₁₂₄	2001 03 10.7	11 24.21 +06 24.4 19.3	-1.11 + 4.7	1.0/10.0	6979
1999 TT ₁₇₆	2001 03 10.3	11 22.77 +05 41.4 18.0	-1.00 + 4.1	0.7/09.9	10912	1997 MT ₄	2001 03 10.7	11 24.29 +25 32.5 18.8	-0.81 + 6.0	6.2/02.9	10841
3096 T-2	2001 03 10.3	11 22.80 +11 27.0 18.3	-1.04 + 3.9	2.8/08.2	11066	1999 RU ₁₅	2001 03 10.7	11 24.32 +03 59.7 19.4	-0.95 + 6.9	0.1/10.7	2070
2000 AW ₂₆	2001 03 10.3	11 22.80 -03 15.9 18.5	-0.81 + 4.1	1.9/12.7	40428	1998 SA ₁₄₅	2001 03 10.8	11 24.30 +16 46.6 19.1	-0.80 + 2.6	3.1/06.8	10871
1999 XM ₃₆	2001 03 10.3	11 22.83 +19 03.0 17.8	-1.04 + 1.6	4.9/06.2	10934	1999 UC ₃₉	2001 03 10.8	11 24.33 -15 07.1 19.3	-1.02 + 3.8	6.3/16.6	1517
1999 TQ ₇	2001 03 10.4	11 22.79 -03 21.8 18.6	-0.93 +20.0	3.0/13.3	10904	1977 RG ₁₉	2001 03 10.8	11 24.35 +01 19.5 18.1	-1.04 + 5.6	1.1/11.6	10823
2001 DF ₁₉	2001 03 10.4	11 22.81 +20 49.6 19.3	-0.79 + 5.9	5.3/04.6	10798	1999 XD ₁₇	2001 03 10.8	11 24.36 -32 24.4 19.5	-1.08 + 2.4	10.9/22.6	5665
1999 TF ₁₀₃	2001 03 10.4	11 22.86 +07 15.2 19.5	-0.79 + 8.4	0.9/09.3	2662	1999 TL ₁₀₁	2001 03 10.8	11 24.41 +17 40.5 19.8	-0.96 + 5.7	4.3/06.4	1483
1999 XA ₃₈	2001 03 10.4	11 22.96 -04 38.6 19.5	-1.01 + 5.7	2.9/13.1	8187	1999 RV ₂₀₇	2001 03 10.8	11 24.42 +00 04.2 18.5	-1.03 + 2.2	1.2/11.9	10900
1999 XY ₂₃	2001 03 10.4	11 23.05 -08 28.3 19.0	-0.87 + 6.7	4.3/14.6	10934	2000 AZ ₂₂₅	2001 03 10.8	11 24.42 +01 02.9 19.5	-0.84 + 4.9	0.8/11.7	3500
1999 RB ₁₈₃	2001 03 10.4	11 23.14 +04 28.0 19.3	-0.91 + 7.6	0.2/10.3	297	1999 TF ₁₇₅	2001 03 10.8	11 24.42 -00 05.9 19.8	-0.90 + 5.7	1.4/12.1	4531
1998 KW ₆₁	2001 03 10.4	11 23.15 +01 57.5 19.3	-0.93 + 6.0	0.6/11.1	3243	1999 RS ₄₄	2001 03 10.8	11 24.51 +12 33.1 19.1	-0.92 + 5.0	2.6/08.1	40360
1999 XY ₇	2001 03 10.4	11 23.17 +21 00.1 19.3	-1.05 + 3.1	5.6/05.5	10531	1999 XY ₅₇	2001 03 10.8	11 24.55 -04 15.4 19.2	-0.97 + 7.0	2.8/13.4	3923
1998 KM ₄₈	2001 03 10.4	11 23.18 -05 42.8 18.9	-0.94 + 7.7	3.4/13.6	32282	1999 XK ₁₂₃	2001 03 10.8	11 24.56 +07 12.8 19.7	-1.02 + 4.0	1.2/09.9	7517
6202 P-L	2001 03 10.4	11 23.19 -02 00.5 20.1	-0.72 + 5.0	1.5/12.5	36121	1999 UY ₁₅	2001 03 10.8	11 24.64 +19 32.3 20.0	-1.01 + 4.4	4.9/06.0	1515
1999 VT ₃₂	2001 03 10.4	11 23.20 +11 32.7 19.6	-0.86 + 4.6	2.6/08.1	10491	1999 XP ₂₂₀	2001 03 10.8	11 24.68 +14 55.8 18.5	-0.83 + 6.3	3.2/07.2	10568
1999 VR ₆₄	2001 03 10.5	11 23.15 +09 05.9 18.3	-0.91 + 5.4	1.9/08.9	10500	1999 RG ₃₉	2001 03 10.9	11 24.62 -05 51.3 19.7	-0.96 + 3.1	3.0/13.8	40359
1998 QJ ₅₅	2001 03 10.5	11 23.25 -20 12.1 17.7	-0.87 + 2.5	7.4/18.3	10863	1999 RB ₁₉₄	2001 03 10.9	11 24.62 -01 49.1 18.2	-0.91 + 5.5	1.9/12.7	40371
1999 TL ₃₇	2001 03 10.5	11 23.32 +15 59.5 19.4	-0.93 + 6.1	3.8/06.6	1475	1999 RA ₉₄	2001 03 10.9	11 24.64 +09 45.0 19.5	-0.95 + 6.9	2.0/09.0	2080
1995 OC ₈	2001 03 10.5	11 23.33 +01 13.0 18.7	-0.97 + 7.7	1.0/11.4	36885	1999 XE ₁₀₅	2001 03 10.9	11 24.64 +05 49.9 18.5	-0.78 + 7.7	0.6/10.2	10937
1999 VD ₃₄	2001 03 10.5	11 23.34 +17 34.7 19.2	-0.86 + 4.3	3.8/06.2	40393	1999 XG ₁₂	2001 03 10.9	11 24.70 -04 47.4 18.3	-1.07 + 3.9	3.3/13.4	687
1999 RV ₁₈₉	2001 03 10.5	11 23.36 +10 27.8 20.4	-0.89 + 6.6	2.0/08.4	36921	1999 ST ₂₆	2001 03 10.9	11 24.80 +16 46.2 18.7	-0.85 + 7.3	4.3/06.5	10411
2000 AS ₉₉	2001 03 10.5	11 23.37 +15 26.2 18.2	-0.96 + 6.7	3.9/06.8	10945	1999 VJ ₈₁	2001 03 10.9	11 24.83 +10 18.9 18.4	-0.84 + 6.3	2.0/08.8	10504

1999 VZ ₈₆	2001 03 10.9	11 24.88 +18 27.1 17.8	-0.79 +10.0	5.0/05.4	10926	1998 HC ₁₀₈	2001 03 11.3	11 26.25 +16 41.2 17.5	-1.02 + 7.0	4.9/07.1	10853
1995 UE ₁₂	2001 03 10.9	11 24.89 +04 55.2 19.6	-0.93 + 4.7	0.4/10.6	40309	1999 VU ₆₇	2001 03 11.3	11 26.30 +25 51.1 17.2	-0.99 + 2.8	8.5/04.1	10925
1999 VM ₁₅₉	2001 03 10.9	11 24.93 -02 16.2 19.5	-0.90 + 5.9	1.9/12.9	683	1999 VP ₁₆₀	2001 03 11.3	11 26.31 +02 35.7 20.1	-0.91 + 5.2	0.4/11.7	4539
1999 XC ₂₁₄	2001 03 10.9	11 24.94 +21 57.2 17.3	-0.83 + 8.3	6.2/04.2	10567	1999 TD ₁₄	2001 03 11.3	11 26.32 -03 28.5 19.6	-0.94 + 7.5	2.5/13.7	10904
2184 T-2	2001 03 10.9	11 24.97 +06 44.9 19.8	-0.97 + 5.6	1.0/10.1	36581	1998 RQ ₆₄	2001 03 11.3	11 26.41 +03 39.0 19.5	-0.72 + 5.0	0.0/11.4	9719
1998 SK ₂₂	2001 03 10.9	11 25.00 +01 32.8 19.3	-0.70 + 5.4	0.6/11.7	10868	1999 XK ₇₆	2001 03 11.3	11 26.41 +22 56.2 17.6	-0.90 + 6.0	5.6/04.7	9779
1989 TR ₂	2001 03 10.9	11 25.03 +25 04.5 16.3	-0.94 + 2.4	6.9/04.4	10825	1998 RY ₆₂	2001 03 11.3	11 26.46 +10 24.7 18.6	-0.80 + 3.0	1.9/09.3	10866
1999 VY ₁	2001 03 10.9	11 25.05 +09 02.8 19.2	-0.92 + 4.8	1.8/09.4	10478	1999 XF ₁₁	2001 03 11.3	11 26.50 +04 43.9 19.7	-0.91 + 4.6	0.3/11.1	40404
1999 RS ₄₉	2001 03 10.9	11 25.08 -02 58.6 18.9	-1.09 + 2.8	2.3/12.9	2651	1999 VS ₁₁₄	2001 03 11.3	11 26.51 -14 48.3 18.1	-0.88 + 5.3	6.3/17.6	10927
1999 XB ₃₉	2001 03 11.0	11 24.98 +07 38.2 18.2	-0.83 + 6.0	1.1/09.7	10934	1999 TU ₂₄₇	2001 03 11.4	11 26.46 -05 51.4 18.6	-0.69 + 9.2	3.0/15.0	10916
1999 RO ₁₉₉	2001 03 11.0	11 25.00 -07 42.5 17.6	-0.83 + 7.1	3.9/15.0	10399	2026 T-3	2001 03 11.4	11 26.49 +00 36.0 19.9	-0.85 + 4.9	0.9/12.4	25437
2000 AH ₁₈₆	2001 03 11.0	11 25.26 +10 54.9 19.7	-0.88 + 7.6	2.1/08.7	40442	2001 DK ₇	2001 03 11.4	11 26.52 +13 15.9 17.6	-0.79 + 4.0	3.1/08.3	10792
1999 TP ₆₃	2001 03 11.0	11 25.27 -00 05.4 20.1	-0.88 + 6.9	1.2/12.3	1123	1999 VA ₇₉	2001 03 11.4	11 26.57 -03 19.2 17.2	-0.86 + 6.5	3.0/13.7	10926
2000 AO ₅₁	2001 03 11.0	11 25.27 -05 14.2 18.7	-0.94 + 4.9	3.1/13.8	696	1999 VM ₁₅₃	2001 03 11.4	11 26.62 +00 12.8 19.6	-1.02 + 7.8	1.4/12.5	3463
2001 DJ ₇	2001 03 11.0	11 25.27 +11 01.8 16.0	-0.98 + 3.7	2.9/08.9	10792	2000 YP ₁₀₄	2001 03 11.4	11 26.68 +15 17.7 17.1	-0.78 + 9.9	4.2/07.1	11019
2000 AK ₁₈₇	2001 03 11.0	11 25.29 +18 18.6 18.7	-0.79 + 6.8	4.1/06.0	1565	1999 XJ ₇₂	2001 03 11.4	11 26.72 +07 28.8 18.3	-0.94 + 6.0	1.3/10.2	40412
1999 WA ₃	2001 03 11.0	11 25.33 +26 47.1 18.6	-0.87 + 3.6	6.7/03.4	10931	1999 TU ₂₁	2001 03 11.4	11 26.75 +23 44.7 20.5	-0.97 + 3.4	6.0/05.2	40380
1999 UG	2001 03 11.0	11 25.35 +05 45.8 19.6	-0.95 + 5.5	0.7/10.5	10466	2000 AJ ₈₁	2001 03 11.4	11 26.79 +17 12.7 17.9	-0.75 + 6.0	3.8/06.7	10579
1999 XE ₁₁₃	2001 03 11.0	11 25.45 +23 17.5 18.3	-1.17 - 0.9	6.6/06.1	10938	1996 BR	2001 03 11.4	11 26.85 +20 47.9 18.4	-0.87 + 5.8	5.8/05.7	10834
1997 CO ₄	2001 03 11.1	11 25.34 +00 10.3 18.0	-0.97 + 3.8	1.4/12.1	2625	1993 QP ₃	2001 03 11.5	11 26.84 +03 12.3 18.9	-0.75 + 5.3	0.1/11.6	10829
1998 SC ₁₂	2001 03 11.1	11 25.35 -04 54.5 19.0	-0.72 + 6.5	2.3/14.1	10867	1991 SL	2001 03 11.5	11 26.87 +21 17.6 16.9	-1.59 - 3.2	8.1/08.0	10827
1999 TB ₁₂₂	2001 03 11.1	11 25.44 -00 15.5 18.6	-0.90 + 5.5	1.4/12.4	10910	1999 XV ₁₆₈	2001 03 11.5	11 26.87 +11 21.4 17.7	-0.79 + 3.6	2.2/09.1	10940
1999 TZ ₉₅	2001 03 11.1	11 25.45 -00 25.7 18.7	-0.80 +10.5	1.3/12.6	7508	1999 WC ₅	2001 03 11.5	11 26.88 +22 58.1 16.6	-0.80 + 5.3	5.9/04.7	10931
1999 VZ ₁₆₅	2001 03 11.1	11 25.51 +12 33.1 18.4	-1.04 + 3.6	3.5/08.5	10516	1999 RB ₂₀₆	2001 03 11.5	11 26.90 -05 36.1 18.6	-1.02 + 4.6	3.4/14.3	40372
1999 XZ ₆₆	2001 03 11.1	11 25.51 +12 42.7 19.6	-1.00 + 6.4	2.9/08.3	2214	1999 XQ ₁₂₀	2001 03 11.5	11 26.94 +08 34.5 19.5	-1.03 + 5.4	1.7/10.0	3474
1995 RA	2001 03 11.1	11 25.56 -27 48.1 17.6	-1.15 + 0.6	9.8/20.3	9679	1999 WG ₁	2001 03 11.5	11 27.02 +05 14.8 20.1	-0.93 + 5.2	0.5/11.0	5661
1999 XJ ₇₇	2001 03 11.1	11 25.57 -09 13.6 17.5	-0.75 + 4.9	3.9/15.5	10936	1999 UH ₄₆	2001 03 11.5	11 27.08 +06 42.0 18.2	-1.02 + 1.9	1.2/10.7	10920
1998 RZ ₄₂	2001 03 11.1	11 25.58 -01 41.7 19.7	-0.86 + 5.9	1.7/12.9	6811	1998 SS ₅₆	2001 03 11.5	11 27.12 +04 26.1 18.9	-0.85 + 7.1	0.3/11.3	35718
2000 AM ₅₂	2001 03 11.1	11 25.64 +17 14.4 19.6	-0.93 + 3.2	4.2/07.1	2712	1998 QU ₈₂	2001 03 11.5	11 27.13 -03 22.4 19.7	-0.76 + 6.5	1.9/13.9	1959
1999 SJ ₇	2001 03 11.1	11 25.65 +12 24.6 18.6	-0.96 + 7.5	3.1/08.3	10902	1990 VD ₈	2001 03 11.5	11 27.22 -01 10.1 19.3	-0.84 + 5.0	1.3/13.1	40296
2000 AF ₁₇₆	2001 03 11.1	11 25.70 +11 52.5 18.4	-0.72 + 6.8	2.3/08.3	10947	1998 QL ₈₅	2001 03 11.5	11 27.24 -19 12.1 19.4	-0.74 + 4.3	5.4/19.5	10863
1999 VJ ₆₈	2001 03 11.1	11 25.76 +01 52.4 19.9	-0.90 + 6.2	0.6/11.8	2682	1999 XT ₂₃₉	2001 03 11.6	11 27.21 -12 54.5 21.7	-0.90 + 4.6	4.6/16.9	2706
1999 RA ₂₁₀	2001 03 11.2	11 25.72 -01 51.5 19.6	-0.99 + 5.2	1.9/12.9	5619	1999 RF ₁₆₅	2001 03 11.6	11 27.26 -00 49.5 18.9	-0.97 + 7.5	1.6/13.0	40368
1998 QE ₃₉	2001 03 11.2	11 25.74 +04 01.9 19.1	-0.73 + 4.6	0.1/11.1	10861	1999 XH ₂₃₃	2001 03 11.6	11 27.28 +00 37.0 19.8	-0.78 + 7.2	0.8/12.6	2705
1999 VR ₅₈	2001 03 11.2	11 25.75 +11 40.1 19.8	-0.99 + 5.3	2.6/08.7	2163	2000 AH ₁₆₉	2001 03 11.6	11 27.32 +00 44.2 17.9	-0.72 + 7.8	0.8/12.6	10947
1999 VJ ₂₇	2001 03 11.2	11 25.76 +03 50.0 19.2	-0.93 + 4.8	0.0/11.2	10923	1998 RV ₃₈	2001 03 11.6	11 27.40 +06 00.3 19.4	-0.86 + 1.9	0.7/10.9	10865
1998 SP ₁₁₅	2001 03 11.2	11 25.76 +01 40.3 18.9	-0.73 + 4.6	0.5/11.9	10870	1999 WY	2001 03 11.6	11 27.43 -34 03.5 20.0	-0.99 + 2.3	8.9/24.9	38828
1999 VS ₂₀₇	2001 03 11.2	11 25.82 +05 07.9 18.1	-0.99 + 4.9	0.6/10.8	10931	3326 T-3	2001 03 11.6	11 27.48 -03 47.8 18.0	-0.89 + 9.2	2.6/14.2	38007
1999 XK ₂₀₄	2001 03 11.2	11 25.85 +01 48.5 18.2	-0.75 + 2.7	0.5/11.8	10566	1999 XN ₂₆	2001 03 11.6	11 27.58 +00 16.4 17.1	-0.86 + 5.8	1.3/12.7	10934
1999 XW ₁₉₀	2001 03 11.2	11 25.87 +20 57.2 18.5	-0.83 + 3.7	4.7/05.6	10565	3193 T-1	2001 03 11.6	11 27.63 -01 39.3 21.1	-0.91 + 6.2	1.8/13.3	3842
1998 SV ₅₆	2001 03 11.2	11 25.88 +05 01.1 19.0	-0.76 + 5.2	0.4/10.8	6218	1999 XT ₁₈₃	2001 03 11.6	11 27.63 -05 21.6 17.9	-0.85 + 3.0	2.7/14.4	10941
4776 P-L	2001 03 11.2	11 25.89 +06 18.5 19.5	-0.76 + 5.3	0.8/10.4	11064	1999 XM ₁₂₂	2001 03 11.7	11 27.55 -01 22.2 19.6	-0.89 + 4.5	1.5/13.2	691
2000 AY ₁₄₉	2001 03 11.2	11 25.90 +17 23.5 18.3	-0.70 + 6.5	3.2/06.3	2720	2000 AE ₁₄	2001 03 11.7	11 27.55 +03 13.8 18.0	-0.95 + 5.4	0.1/11.8	10943
2001 DP ₇	2001 03 11.2	11 25.92 +13 44.1 17.6	-1.04 + 4.9	4.3/08.2	10792	1999 XE ₁₉₃	2001 03 11.7	11 27.55 -06 37.9 18.2	-0.96 + 4.0	3.2/14.7	2703
1999 TE ₈	2001 03 11.3	11 26.09 -00 55.9 19.3	-0.94 + 8.3	1.6/12.8	40377	1999 UG ₄₈	2001 03 11.7	11 27.56 -10 50.2 19.6	-0.73 + 6.8	3.9/16.9	10920
6201 P-L	2001 03 11.3	11 26.15 -00 16.2 21.7	-1.00 + 6.6	1.4/12.5	2584	1999 XV ₁₃₂	2001 03 11.7	11 27.59 -05 08.1 17.7	-0.83 + 2.8	2.5/14.3	10939
1997 AB ₄	2001 03 11.3	11 26.17 +01 18.8 19.2	-0.98 + 5.4	0.8/12.0	10837	1998 RK ₂₆	2001 03 11.7	11 27.61 +11 38.2 19.2	-0.80 + 9.6	2.6/08.8	10333
1999 UQ ₄₉	2001 03 11.3	11 26.20 +15 48.1 19.3	-0.93 + 5.1	3.8/07.5	2678	1999 RF ₁₉₀	2001 03 11.7	11 27.61 +04 58.6 19.1	-1.07 + 4.6	0.6/11.3	10898
1996 XN ₁	2001 03 11.3	11 26.20 +10 30.9 18.5	-0.99 + 6.1	2.6/09.2	35932	2000 YU ₁₀₄	2001 03 11.7	11 27.62 +14 37.9 18.1	-0.80 + 7.2	3.3/07.8	10661
1998 RD ₅₀	2001 03 11.3	11 26.22 +10 12.4 17.7	-0.99 + 1.4	2.3/09.5	10865	1999 RZ ₂₃₅	2001 03 11.7	11 27.62 +16 14.3 18.8	-0.98 + 7.7	4.5/07.5	10901
1999 XA ₄₉	2001 03 11.3	11 26.24 -20 12.1 16.3	-0.78 + 4.0	10.5/19.5	10935	2000 AP ₄₂	2001 03 11.7	11 27.63 -07 34.1 19.9	-0.99 + 5.0	3.6/15.1	2711

1999 WJ ₁₄	2001 03 11.7	11 27.68 +11 00.9 19.6	-0.99 + 6.1	3.2/09.3	1545	2000 AW ₁₀₃	2001 03 12.0	11 29.09 +28 11.5 18.6	-0.90 + 6.8	8.1/02.8	10582
1999 UF ₆	2001 03 11.7	11 27.77 -02 05.6 19.2	-1.02 + 5.6	2.2/13.4	5644	1999 UZ ₄₃	2001 03 12.0	11 29.10 +17 36.0 18.2	-1.11 - 0.1	5.7/08.3	10475
1988 RJ ₆	2001 03 11.7	11 27.78 +00 21.6 18.8	-0.99 + 5.0	1.1/12.7	38020	1996 JS ₅	2001 03 12.1	11 29.05 +03 38.1 18.6	-0.72 + 5.6	0.1/12.0	9683
1999 XO ₅₈	2001 03 11.7	11 27.81 +26 19.5 19.6	-0.81 + 3.6	6.7/04.0	8466	1999 VW ₂₀	2001 03 12.1	11 29.10 -14 26.8 18.8	-0.93 + 5.8	6.0/18.0	10922
1999 TY ₁₈₀	2001 03 11.7	11 27.85 -00 02.6 18.1	-0.89 + 7.2	1.2/12.9	1172	1999 RG ₁₈₇	2001 03 12.1	11 29.15 +07 24.9 17.2	-1.05 + 3.6	1.8/11.0	10898
1999 VS ₁₂	2001 03 11.7	11 27.89 +17 54.7 19.0	-0.97 + 5.0	4.3/07.2	10922	1998 FG ₄	2001 03 12.1	11 29.23 +14 22.0 19.1	-0.93 + 7.3	3.6/08.5	10845
1999 VQ ₁₄₃	2001 03 11.7	11 27.93 -00 40.9 20.8	-0.87 + 5.5	1.2/13.1	682	1999 VP ₁₄₃	2001 03 12.1	11 29.24 +00 27.6 19.9	-0.99 + 5.9	1.0/13.0	2174
2000 AW ₂₃₄	2001 03 11.7	11 27.96 +03 56.3 18.5	-0.61 + 4.7	0.1/11.6	10949	1999 XK ₅₇	2001 03 12.1	11 29.25 +00 57.6 18.9	-0.84 + 6.0	0.7/12.9	2696
1998 QD ₇₄	2001 03 11.8	11 27.93 -09 32.4 19.2	-0.78 + 4.9	3.9/16.1	10863	2000 AO ₇₆	2001 03 12.1	11 29.27 +18 10.3 17.8	-0.74 + 5.8	3.9/07.0	10578
1999 VV ₃₀	2001 03 11.8	11 27.94 +12 40.1 17.2	-0.98 + 5.0	3.6/08.9	10923	1999 XW ₅₁	2001 03 12.1	11 29.31 +09 24.3 19.4	-1.02 + 5.8	2.1/10.3	37894
1998 QM ₃₂	2001 03 11.8	11 27.99 -03 31.3 18.4	-0.91 + 2.5	2.1/13.8	39203	1999 RU ₁₀	2001 03 12.1	11 29.32 -16 33.4 16.2	-1.75 - 9.7	10.6/14.8	10888
1999 TH ₇₉	2001 03 11.8	11 28.06 +16 34.1 17.3	-1.09 - 1.3	5.6/08.6	10907	1998 HD ₈	2001 03 12.1	11 29.37 +04 44.3 17.1	-0.92 + 9.0	0.6/11.7	10850
2000 AW ₁₀₂	2001 03 11.8	11 28.07 +14 59.0 17.5	-0.92 + 7.1	4.1/07.9	10945	1999 TU ₈₈	2001 03 12.1	11 29.40 +07 58.9 19.1	-0.93 + 7.4	1.6/10.7	10430
1999 XQ ₁₁₄	2001 03 11.8	11 28.08 +10 49.5 18.8	-1.12 + 3.3	2.6/09.8	40417	1999 TD ₁₉₆	2001 03 12.1	11 29.40 -30 08.4 19.1	-0.82 + 7.4	10.3/26.1	2668
1998 RS ₅₇	2001 03 11.8	11 28.10 +10 07.4 17.4	-0.94 + 2.5	2.3/09.9	10334	1989 TB ₃	2001 03 12.1	11 29.43 +02 35.4 19.9	-0.95 + 8.1	0.2/12.4	133
2000 YR ₁₀₅	2001 03 11.8	11 28.11 +06 01.1 17.4	-0.92 + 1.2	1.0/11.1	11019	2000 AW ₁₃₉	2001 03 12.2	11 29.38 +08 41.7 18.8	-0.96 + 8.1	1.9/10.4	10946
1999 XA ₄₇	2001 03 11.8	11 28.18 +06 13.7 18.4	-0.92 + 4.9	1.0/11.0	10542	1999 VT ₄	2001 03 12.2	11 29.38 +03 29.0 20.1	-0.90 + 5.8	0.1/12.1	9768
2001 BV ₄₀	2001 03 11.8	11 28.24 -21 41.5 17.4	-1.17 - 1.9	9.1/18.2	11035	1999 TX ₂₉	2001 03 12.2	11 29.49 +04 43.4 20.0	-0.93 + 4.8	0.5/11.8	1474
1999 RY ₉₀	2001 03 11.8	11 28.29 +07 23.0 20.3	-1.05 + 4.7	1.3/10.7	40362	1999 WQ	2001 03 12.2	11 29.51 -13 39.6 19.2	-0.88 + 4.6	5.1/17.7	40400
1998 MA ₁₆	2001 03 11.8	11 28.35 -02 36.2 20.6	-0.90 + 6.2	1.9/13.8	10857	1996 HC ₂₁	2001 03 12.2	11 29.52 +22 05.6 17.6	-0.91 + 3.0	5.8/06.0	38454
1999 TS ₃₆	2001 03 11.9	11 28.30 +13 51.6 19.0	-0.98 + 7.8	3.7/08.4	10906	1999 UY ₁₂	2001 03 12.2	11 29.53 -05 25.3 20.2	-0.83 + 7.7	2.7/15.2	669
1987 DL ₆	2001 03 11.9	11 28.35 +03 29.9 16.6	-1.09 + 0.8	0.0/11.9	10824	2001 CG ₄₆	2001 03 12.2	11 29.57 +27 08.7 16.2	-0.86 + 7.5	8.8/03.4	11050
2001 AE ₁₈	2001 03 11.9	11 28.40 -03 15.9 17.7	-0.85 + 1.7	1.9/13.9	10676	1998 QU ₈₆	2001 03 12.2	11 29.57 -12 57.3 17.6	-0.82 + 7.9	6.0/17.9	10863
1999 VR ₉₃	2001 03 11.9	11 28.46 +19 41.7 19.1	-1.02 + 0.8	5.9/07.4	10506	1999 XD ₇₈	2001 03 12.2	11 29.61 +04 50.2 18.2	-0.75 + 4.7	0.4/11.7	38840
1999 TS ₉₇	2001 03 11.9	11 28.47 +12 06.7 17.5	-0.91 + 6.1	3.7/09.1	10908	2000 AK ₂₄₄	2001 03 12.2	11 29.66 -21 11.8 18.7	-0.80 + 8.6	7.6/21.6	10593
1999 RZ ₁₀₉	2001 03 11.9	11 28.47 -08 08.8 19.2	-1.02 + 5.8	4.2/15.5	40364	1999 TD ₁₂₁	2001 03 12.2	11 29.66 +00 11.5 17.9	-0.85 + 9.2	1.2/13.3	10439
1995 YY ₉	2001 03 11.9	11 28.48 -01 58.5 19.5	-0.84 + 5.5	1.8/13.7	10833	2000 AO ₈	2001 03 12.2	11 29.66 +12 26.9 19.2	-0.75 + 4.1	2.3/09.3	38865
1999 VV ₆	2001 03 11.9	11 28.54 +08 50.2 19.2	-0.92 + 5.6	1.7/10.2	10921	1995 UG ₆	2001 03 12.2	11 29.67 +04 33.7 18.5	-0.92 + 5.0	0.4/11.9	10832
1999 TR ₂₉₂	2001 03 11.9	11 28.56 -08 33.4 19.1	-0.85 + 6.0	3.8/16.0	2675	1999 SJ ₂	2001 03 12.2	11 29.69 +04 15.2 18.0	-1.02 + 2.6	0.3/12.0	10902
1997 AE ₇	2001 03 11.9	11 28.63 +03 43.0 16.8	-0.84 + 8.5	0.1/11.9	10837	1998 SP ₇₅	2001 03 12.2	11 29.72 -00 12.7 18.8	-0.76 + 8.2	1.0/13.5	33039
1999 VP ₁₈₈	2001 03 11.9	11 28.65 -02 52.8 18.3	-0.88 + 7.2	2.4/14.0	10930	1999 TL ₂₄₈	2001 03 12.2	11 29.76 +15 54.1 17.5	-0.93 + 6.9	4.5/08.0	10916
1999 XZ ₂	2001 03 11.9	11 28.68 +20 04.1 19.3	-0.87 + 4.7	4.9/06.5	38831	1998 RC ₇₇	2001 03 12.2	11 29.81 +08 45.9 19.2	-0.85 + 6.0	1.7/10.5	10867
2001 DB ₇₉	2001 03 11.9	11 28.69 +23 38.8 17.3	-0.80 +10.0	7.6/04.0	11063	1998 QK ₈	2001 03 12.3	11 29.78 +13 50.8 18.3	-0.81 + 8.9	3.2/08.5	10859
2000 AY ₁₅	2001 03 11.9	11 28.73 -07 34.9 17.4	-0.97 + 4.7	4.1/15.0	10943	2000 AM ₁₁₃	2001 03 12.3	11 29.95 +11 45.5 18.3	-0.70 + 6.3	2.1/09.4	10946
1997 EB ₃₀	2001 03 12.0	11 28.67 +06 01.2 20.9	-0.95 + 4.5	1.0/11.2	10313	2000 AJ ₁₅₀	2001 03 12.3	11 29.96 -15 07.2 18.7	-0.81 + 5.1	5.0/18.5	40440
1998 SC	2001 03 12.0	11 28.68 +19 37.7 16.5	-0.97 + 2.9	6.4/06.9	10867	1999 RO ₁₉₀	2001 03 12.3	11 29.97 +07 32.4 18.8	-0.99 + 3.9	1.5/11.1	10898
1999 TQ ₂₂₃	2001 03 12.0	11 28.71 +07 44.8 19.8	-0.96 + 7.9	1.6/10.6	2134	1991 SO	2001 03 12.3	11 30.02 +15 14.5 19.1	-1.00 + 4.4	4.0/08.8	10827
1999 XV ₅₈	2001 03 12.0	11 28.76 +15 11.5 18.4	-0.85 + 5.2	3.7/08.1	38143	1998 WV ₁₈	2001 03 12.3	11 30.06 -12 42.2 17.0	-0.63 + 4.5	4.2/18.0	10874
1999 TD ₂₁₂	2001 03 12.0	11 28.79 -05 55.4 18.3	-0.93 + 7.4	4.1/15.0	6945	2000 AG ₁₀₄	2001 03 12.3	11 30.08 -07 29.6 18.4	-0.72 + 6.5	3.2/16.1	2289
1999 RY ₁₄₇	2001 03 12.0	11 28.79 -05 33.4 17.9	-1.07 + 3.6	3.3/14.6	10895	1999 RN	2001 03 12.3	11 30.11 +03 11.8 18.6	-1.01 + 4.7	0.0/12.4	10358
1999 XA ₇₅	2001 03 12.0	11 28.82 +08 37.4 18.9	-0.94 + 6.2	1.7/10.4	2697	1999 TG ₂₇	2001 03 12.3	11 30.11 +14 25.6 19.2	-0.95 + 3.1	3.6/09.1	10905
1997 CC ₂₆	2001 03 12.0	11 28.84 +06 29.8 18.6	-0.99 + 5.1	1.2/11.1	10838	1998 QT ₂₃	2001 03 12.3	11 30.12 +08 53.3 17.3	-0.72 + 7.7	1.7/10.4	10860
1999 XS ₉₈	2001 03 12.0	11 28.91 -13 09.1 17.5	-0.80 + 3.9	5.3/17.4	10937	1999 TX ₈₉	2001 03 12.3	11 30.20 +07 43.3 19.9	-1.03 + 5.7	1.6/11.0	2117
1998 KK ₂	2001 03 12.0	11 28.91 +26 31.0 19.0	-0.97 + 5.2	6.6/04.1	10855	1997 GR ₄	2001 03 12.4	11 30.12 +05 23.2 18.7	-0.90 + 4.8	0.9/11.7	36891
1998 WR ₁₅	2001 03 12.0	11 28.93 +08 29.7 19.1	-0.70 + 5.3	1.2/10.3	10874	1999 VD ₉₃	2001 03 12.4	11 30.13 +01 07.6 17.9	-0.87 + 7.6	0.9/13.1	10927
1984 ST	2001 03 12.0	11 29.00 -03 03.6 18.7	-1.24 + 0.3	2.2/13.6	10824	1998 SB ₁	2001 03 12.4	11 30.15 +09 20.9 19.3	-0.76 + 3.7	1.6/10.4	33276
1998 MY ₄₅	2001 03 12.0	11 29.01 -02 57.6 18.4	-0.92 + 6.2	2.1/14.1	38053	1992 DD ₄	2001 03 12.4	11 30.23 +05 06.0 18.9	-0.81 + 6.9	0.6/11.8	10827
6747 P-L	2001 03 12.0	11 29.06 +12 25.7 20.0	-1.08 + 1.8	3.0/09.6	34267	2102 P-L	2001 03 12.4	11 30.32 +01 12.4 18.3	-1.03 + 4.9	0.7/13.0	38190
1998 OV ₄	2001 03 12.0	11 29.08 +08 55.7 18.9	-0.79 + 6.8	1.6/10.2	10858	1999 XB ₁₂₂	2001 03 12.4	11 30.33 -21 11.1 17.0	-0.93 + 3.9	8.3/20.6	10938
2000 AV ₁₅₄	2001 03 12.0	11 29.08 -04 13.6 20.9	-0.89 + 4.6	2.2/14.5	2720	1998 HY ₃₇	2001 03 12.4	11 30.38 -02 01.0 18.1	-1.04 + 6.2	2.1/14.0	40324
1999 XT ₁₉₆	2001 03 12.0	11 29.08 +22 47.1 18.3	-0.83 + 4.0	5.3/05.5	10941	1999 VH ₅₀	2001 03 12.4	11 30.39 +17 04.1 17.0	-0.94 + 2.7	4.7/08.3	10924

1998 QW ₇₃	2001 03 12.4	11 30.40 -09 42.8 20.0	-0.81 + 6.9	3.6/16.8	35712	1999 XZ ₁₉₁	2001 03 12.8	11 31.66 -00 52.4 19.9	-0.84 + 3.8	1.1/14.0	5679
1999 VO ₂₆	2001 03 12.4	11 30.42 +09 02.9 18.5	-0.86 + 5.0	1.9/10.6	10922	1999 VZ ₁₆₇	2001 03 12.8	11 31.66 +05 35.5 19.0	-0.93 + 5.2	0.8/12.0	2176
1998 RP ₆₄	2001 03 12.4	11 30.45 -01 04.8 18.2	-0.67 + 9.8	1.1/14.1	10866	1085 T-2	2001 03 12.8	11 31.68 +01 27.3 20.2	-0.96 + 5.6	0.6/13.3	2587
1998 SN ₆₀	2001 03 12.4	11 30.50 +06 29.9 18.4	-0.74 + 5.2	0.9/11.4	38062	2000 AH ₁₇₈	2001 03 12.8	11 31.70 -04 37.3 19.2	-0.79 + 5.8	1.9/15.4	5694
1999 XR ₄₂	2001 03 12.4	11 30.52 +00 24.9 19.0	-1.03 + 6.6	1.0/13.3	10935	1999 XN ₁₉	2001 03 12.8	11 31.70 +10 01.8 18.4	-1.03 + 3.8	2.5/10.8	10533
1999 XO ₁₅₂	2001 03 12.4	11 30.52 +17 21.6 19.0	-1.01 + 6.6	4.8/07.9	1557	1999 XJ ₂₂	2001 03 12.8	11 31.71 -00 47.7 19.9	-0.92 + 7.0	1.2/14.1	7515
1999 RK ₂₁₈	2001 03 12.5	11 30.49 -05 26.6 17.5	-0.90 + 6.8	3.6/15.4	10900	1997 AS ₂	2001 03 12.8	11 31.73 -32 10.8 19.1	-1.26 - 0.4	11.6/23.0	38770
1998 RD ₄	2001 03 12.5	11 30.50 +02 26.6 18.6	-1.06 + 1.6	0.2/12.7	10332	1999 XQ ₁₅₂	2001 03 12.8	11 31.82 +07 07.8 17.9	-0.81 + 7.7	1.4/11.4	10561
1998 SX ₄	2001 03 12.5	11 30.53 +02 34.7 18.4	-0.67 + 6.9	0.2/12.7	10867	3466 T-3	2001 03 12.8	11 31.85 +04 46.0 19.5	-0.75 + 4.7	0.4/12.3	40535
2000 AH ₁₀₃	2001 03 12.5	11 30.57 -05 38.2 17.7	-0.74 + 7.0	2.8/15.6	10945	1999 YG ₁₃	2001 03 12.8	11 31.89 +29 22.4 18.5	-0.92 + 4.4	7.8/03.7	10572
2000 AM ₇	2001 03 12.5	11 30.58 +19 18.7 18.1	-0.89 + 4.2	5.1/07.2	10573	1999 TY ₁₀₂	2001 03 12.8	11 31.92 +04 52.4 18.5	-0.79 + 9.8	0.6/12.2	2662
2001 DT ₁₉	2001 03 12.5	11 30.70 +15 45.0 17.3	-1.02 + 2.2	4.0/08.9	10799	1993 FY ₅₅	2001 03 12.8	11 31.94 +11 27.1 19.0	-0.96 + 5.3	2.9/10.2	33071
1999 WR ₁	2001 03 12.5	11 30.73 +38 59.6 18.7	-1.21 0.0	12.1/28.9	10931	1999 XD ₄₆	2001 03 12.8	11 31.95 +06 03.3 19.5	-0.82 + 4.6	1.0/11.9	10541
1999 VC ₆₈	2001 03 12.5	11 30.74 +18 00.4 19.7	-0.90 + 4.1	4.4/07.9	1526	1999 RC ₁₀₅	2001 03 12.8	11 31.98 +09 00.7 19.3	-0.95 + 8.2	2.0/10.9	642
1999 TG ₂₈₄	2001 03 12.5	11 30.74 +01 40.3 18.8	-0.77 + 8.6	0.5/13.1	7509	1999 XW ₁₃₂	2001 03 12.8	11 32.00 -03 38.4 18.7	-0.84 + 3.1	2.0/14.9	2231
1997 CK ₁₂	2001 03 12.5	11 30.76 +02 30.8 19.0	-0.96 + 5.3	0.2/12.8	40314	2001 DH ₈₀	2001 03 12.8	11 32.00 +08 39.0 19.1	-0.93 + 6.6	2.3/11.1	10813
1994 HB ₁	2001 03 12.5	11 30.78 +00 20.4 19.4	-0.91 + 7.5	1.0/13.5	1415	1999 TN ₁₆₄	2001 03 12.8	11 32.01 -09 45.0 18.2	-0.72 + 8.5	5.2/17.7	10447
1998 QM ₇₀	2001 03 12.5	11 30.80 -16 40.3 19.0	-0.88 + 4.6	6.1/19.0	37732	1989 SQ ₅	2001 03 12.8	11 32.01 +02 40.7 19.4	-0.95 + 8.2	0.1/13.0	1406
5128 T-2	2001 03 12.5	11 30.86 -07 56.9 18.4	-0.84 + 6.7	3.6/16.3	3847	1999 XT ₁₀₀	2001 03 12.8	11 32.01 -32 09.3 18.9	-0.85 + 2.6	8.5/26.0	2222
1998 QN ₈₇	2001 03 12.5	11 30.87 -11 03.6 19.4	-0.74 + 5.7	3.7/17.5	3897	1999 VF ₅₀	2001 03 12.8	11 32.02 -02 05.2 19.3	-0.98 + 5.9	1.7/14.5	2161
2000 AT ₁₀₇	2001 03 12.6	11 30.85 +13 13.1 19.6	-0.78 + 6.0	2.5/09.2	2717	1999 TA ₁₅	2001 03 12.8	11 32.03 +02 48.0 18.4	-0.91 + 8.5	0.1/13.0	40379
4079 T-2	2001 03 12.6	11 30.85 +06 39.5 19.2	-0.90 + 4.4	1.1/11.5	9651	1998 PV	2001 03 12.9	11 31.97 +12 55.0 18.0	-0.81 + 6.6	3.0/09.5	10859
1979 MA ₇	2001 03 12.6	11 30.89 -02 03.8 18.3	-0.81 + 5.6	1.7/14.3	37619	1999 VD ₇₀	2001 03 12.9	11 31.99 +04 26.2 18.3	-0.90 + 6.4	0.6/12.5	10925
2000 AR ₂₅₃	2001 03 12.6	11 30.90 +06 11.1 19.4	-0.73 + 5.0	0.8/11.6	10949	1999 RO ₈₈	2001 03 12.9	11 32.01 +00 13.8 19.2	-0.92 + 8.4	0.9/13.8	1453
1999 VF ₂₆	2001 03 12.6	11 30.93 +00 59.3 19.6	-0.90 + 6.1	0.7/13.3	2680	1999 PS ₅	2001 03 12.9	11 32.02 +05 26.8 19.6	-0.86 + 7.2	0.7/12.1	40354
2000 AY ₁₈₉	2001 03 12.6	11 30.95 -10 40.9 18.2	-0.78 + 7.0	3.9/17.4	10948	1999 WB ₇	2001 03 12.9	11 32.20 +06 29.2 19.2	-0.79 + 5.5	1.0/11.8	10931
1994 RG	2001 03 12.6	11 31.01 -00 33.7 19.3	-0.83 + 5.6	1.1/13.8	2619	1998 RM ₈₀	2001 03 12.9	11 32.20 +09 12.7 18.5	-0.78 + 3.1	1.6/11.0	10867
1991 RL ₁₇	2001 03 12.6	11 31.01 +01 13.6 19.1	-0.90 + 6.0	0.6/13.2	6707	1999 VC ₄₇	2001 03 12.9	11 32.21 +23 04.0 18.7	-0.99 + 2.9	6.1/06.8	10495
1999 XK ₇	2001 03 12.6	11 31.03 -13 25.6 17.7	-0.83 + 7.2	4.9/18.4	10933	1991 RA ₂₀	2001 03 12.9	11 32.22 -03 59.7 17.7	-0.97 + 4.4	2.4/15.0	10827
1998 RT ₆₆	2001 03 12.6	11 31.05 -04 25.4 17.8	-0.73 + 5.9	2.1/15.2	10866	2001 CH ₄₅	2001 03 12.9	11 32.38 +29 13.4 18.1	-0.78 + 5.0	7.6/03.2	10788
1999 TH ₁₉₇	2001 03 12.6	11 31.11 +10 55.4 18.2	-1.02 + 1.0	2.8/10.5	10455	1999 TG ₁₃	2001 03 13.0	11 32.32 +10 18.5 18.6	-1.01 + 5.7	2.5/10.7	40378
1999 VX ₁₆₇	2001 03 12.6	11 31.13 +18 24.5 18.6	-0.95 + 2.9	5.5/07.9	10929	1999 VL ₄₉	2001 03 13.0	11 32.34 +02 43.7 17.8	-1.00 + 4.8	0.1/13.1	10496
1999 TN ₉₈	2001 03 12.6	11 31.15 +09 02.0 18.2	-0.86 + 9.2	2.2/10.6	10432	1997 HN ₉	2001 03 13.0	11 32.35 -18 08.3 18.5	-0.78 + 9.2	7.4/21.2	615
1999 TU ₁₂₇	2001 03 12.6	11 31.16 +05 19.9 20.2	-0.86 + 6.4	0.7/11.9	313	1998 SU ₆₂	2001 03 13.0	11 32.37 +02 45.3 18.1	-0.78 + 4.7	0.1/13.1	10869
1999 RP ₂₉	2001 03 12.7	11 31.25 -23 39.9 17.6	-1.57 - 6.9	13.8/17.6	9738	1999 XO ₁₀₅	2001 03 13.0	11 32.40 +07 52.8 19.1	-0.88 + 4.8	1.4/11.5	10549
1993 FP ₈	2001 03 12.7	11 31.27 +11 13.6 18.1	-0.96 + 3.6	3.2/10.3	10828	1991 VD ₁	2001 03 13.0	11 32.42 +22 42.5 17.6	-1.09 + 1.2	6.8/07.4	10827
1999 WG	2001 03 12.7	11 31.30 -12 50.0 18.7	-0.88 + 4.6	4.7/17.8	40400	1997 PF ₃	2001 03 13.0	11 32.48 +06 04.8 20.0	-0.79 + 5.1	0.9/12.0	10841
2001 AJ ₄₂	2001 03 12.7	11 31.34 +23 05.5 16.8	-1.04 + 2.2	6.6/06.6	10682	2300 T-3	2001 03 13.0	11 32.52 +08 29.9 20.2	-0.96 + 3.1	1.8/11.4	4871
1999 RF ₇₃	2001 03 12.7	11 31.39 -02 20.4 19.1	-0.97 + 7.1	2.2/14.5	4514	1999 RS ₂₃₀	2001 03 13.0	11 32.53 +18 21.7 19.4	-1.03 + 5.7	5.7/08.1	10901
1995 YT ₃	2001 03 12.7	11 31.40 +24 07.8 16.9	-0.86 + 7.5	7.3/05.1	10833	1996 TR ₂₉	2001 03 13.0	11 32.54 -03 02.4 18.6	-0.95 + 8.3	2.4/15.0	10835
1999 VE ₈₇	2001 03 12.7	11 31.41 -18 00.7 19.5	-0.88 +10.0	6.2/20.5	2683	1995 WN ₄	2001 03 13.0	11 32.56 +09 12.8 19.6	-0.87 + 6.2	2.0/11.0	8011
1999 VM ₁₃₂	2001 03 12.7	11 31.43 +06 36.0 21.2	-0.92 + 6.2	1.1/11.6	10510	1998 SO ₁₂₄	2001 03 13.0	11 32.58 -00 50.0 20.4	-0.68 + 5.9	0.9/14.4	35719
2001 BX ₇₄	2001 03 12.7	11 31.44 +08 44.1 18.1	-1.10 - 0.5	2.3/11.3	10735	1999 RY ₂₄₅	2001 03 13.0	11 32.61 +10 15.5 20.7	-0.98 + 5.9	2.5/10.8	5623
1998 KK ₄₇	2001 03 12.7	11 31.55 +17 08.3 17.6	-1.01 + 7.2	5.5/08.0	10856	1998 QK ₈₃	2001 03 13.0	11 32.63 -10 00.5 17.2	-0.75 + 8.6	4.6/17.8	10863
1999 XR ₂₂₀	2001 03 12.7	11 31.57 +08 39.8 20.0	-0.86 + 6.3	1.6/10.9	1224	1999 VK ₅	2001 03 13.0	11 32.67 +06 06.2 20.0	-0.90 + 4.9	1.1/12.1	10921
2000 AT ₉₈	2001 03 12.7	11 31.61 -00 38.8 17.5	-0.72 + 8.4	1.2/14.1	697	1999 TO ₉₆	2001 03 13.0	11 32.67 +14 52.3 19.4	-1.02 + 4.6	4.2/09.5	1482
1999 VB ₄₉	2001 03 12.7	11 31.63 +07 54.8 19.0	-1.06 + 4.1	1.8/11.4	40395	1999 VD ₂₅	2001 03 13.0	11 32.73 +29 21.1 17.6	-0.95 + 4.3	7.9/03.8	10922
1997 CF ₉	2001 03 12.7	11 31.65 -00 43.7 19.0	-1.01 + 4.2	1.3/13.9	10838	1999 XZ ₁₀₃	2001 03 13.0	11 32.77 -15 47.8 19.1	-0.85 + 4.8	5.4/19.4	40415
1999 VL ₈₈	2001 03 12.8	11 31.60 +23 18.3 20.9	-0.87 + 2.6	5.4/06.5	1528	1998 SR ₁₃₅	2001 03 13.1	11 32.74 +08 40.1 19.6	-0.73 + 4.8	1.4/11.2	10871
1995 OR	2001 03 12.8	11 31.61 +10 55.6 18.9	-0.99 + 5.8	2.6/10.3	10832	4104 P-L	2001 03 13.1	11 32.74 -03 17.9 19.1	-0.91 + 7.9	2.2/15.2	40531
1999 TY ₃₆	2001 03 12.8	11 31.63 -05 12.1 18.4	-0.76 +13.5	2.7/16.0	10906	1998 QQ ₆₈	2001 03 13.1	11 32.81 -01 59.5 19.2	-0.68 + 7.8	1.2/15.0	1957

1999 XW ₂₀₉	2001 03 13.1	11 32.83 +02 06.1 17.6	-0.88 + 2.1	0.3/13.4	10941	1999 TM ₆₃	2001 03 13.5	11 34.41 +05 34.1 19.3	-0.87 + 5.9	0.9/12.7	10907
2153 T-1	2001 03 13.1	11 32.85 +06 05.7 18.7	-0.77 + 5.6	0.9/12.1	11065	2000 AB ₂₅₃	2001 03 13.5	11 34.45 +05 11.1 19.6	-0.72 + 5.0	0.6/12.8	3501
1999 TY ₂₂₃	2001 03 13.1	11 32.90 +08 00.1 19.3	-0.80 + 9.4	1.6/11.3	4948	1999 RY ₂₁₀	2001 03 13.5	11 34.52 -07 44.2 19.4	-0.98 + 5.2	3.8/16.8	2096
1999 VU ₂₁	2001 03 13.1	11 32.90 +16 19.9 17.6	-0.96 + 5.9	5.2/08.7	10486	1999 XE ₂₀₃	2001 03 13.5	11 34.52 -32 26.0 19.7	-1.04 + 1.1	9.6/25.2	38859
1999 XD ₆	2001 03 13.1	11 32.91 +19 11.8 18.0	-1.05 + 5.4	6.5/07.8	10932	1999 XJ ₁₃₀	2001 03 13.5	11 34.54 -03 43.8 20.0	-0.81 + 4.5	1.7/15.7	1556
1998 HH ₈₀	2001 03 13.1	11 32.93 +07 52.6 18.0	-1.02 + 4.7	1.7/11.7	10852	2001 CL ₂₆	2001 03 13.5	11 34.55 +12 02.7 18.7	-0.71 + 7.2	2.6/10.3	10773
2000 AK ₆₉	2001 03 13.1	11 32.95 +07 27.5 19.2	-0.91 + 6.5	1.4/11.7	10944	1999 XA ₁₀₇	2001 03 13.5	11 34.58 -06 40.4 17.5	-1.00 + 5.4	4.2/16.5	10937
1999 NF ₅₀	2001 03 13.1	11 32.98 +08 10.2 19.0	-0.94 + 9.1	1.8/11.4	36546	1999 TX ₂₈	2001 03 13.6	11 34.53 +04 03.2 19.3	-1.05 + 4.0	0.5/13.2	2659
1997 AY ₇	2001 03 13.1	11 33.00 -06 22.4 18.1	-0.99 + 4.5	3.3/15.9	10837	1999 XC ₁₈₉	2001 03 13.6	11 34.54 +01 37.1 17.8	-0.86 + 2.8	0.3/13.9	10941
1999 XB ₁₀₉	2001 03 13.1	11 33.04 +00 55.4 20.3	-0.85 + 6.4	0.6/13.8	1554	1996 BW ₆	2001 03 13.6	11 34.69 +07 52.9 18.6	-0.84 + 5.2	1.7/12.0	40311
1998 QH ₆₉	2001 03 13.1	11 33.07 -14 26.4 18.9	-0.94 + 3.3	5.0/18.4	1957	1999 YC ₆	2001 03 13.6	11 34.69 -26 00.5 19.5	-1.20 - 0.7	9.1/21.8	9784
2179 T-1	2001 03 13.1	11 33.13 +06 19.3 18.8	-0.87 + 8.6	1.3/12.0	11065	1999 VL ₂₉	2001 03 13.6	11 34.70 +19 11.6 18.3	-0.95 + 3.5	6.0/08.4	10489
1999 XU ₇₀	2001 03 13.2	11 33.12 +01 52.0 18.3	-0.80 + 5.6	0.3/13.6	40412	1999 TS ₁₉₁	2001 03 13.6	11 34.75 -03 41.4 22.3	-0.88 + 5.1	1.8/15.7	2668
1999 XZ ₂₁₅	2001 03 13.2	11 33.25 -13 28.7 18.9	-0.88 + 3.9	4.8/18.4	10942	1999 VK ₁₉₃	2001 03 13.6	11 34.77 +22 12.4 19.3	-0.94 + 3.4	6.4/07.4	2690
1999 XJ ₅₇	2001 03 13.2	11 33.26 +06 15.8 20.8	-0.76 + 5.1	0.9/12.1	10544	1999 XQ ₁₁₃	2001 03 13.6	11 34.86 +13 04.8 18.9	-1.05 + 1.9	3.3/10.8	2699
1997 EK ₁₅	2001 03 13.2	11 33.32 +05 06.0 19.1	-1.07 - 0.5	1.0/12.7	10839	1997 GH ₁	2001 03 13.6	11 34.87 +02 02.6 18.7	-0.84 + 6.3	0.2/13.9	38042
1999 VK ₁	2001 03 13.2	11 33.37 +09 12.5 18.2	-0.92 + 4.8	2.2/11.3	10921	1999 RE ₂₈	2001 03 13.6	11 34.93 +01 57.4 20.3	-0.92 + 4.7	0.2/13.9	40357
1999 XD ₁₁₇	2001 03 13.2	11 33.40 +12 21.8 19.9	-0.99 + 4.6	3.0/10.4	10553	1999 XR ₁₃₉	2001 03 13.7	11 34.90 +05 54.5 21.4	-0.94 + 6.0	1.0/12.7	37952
1999 UO ₅₁	2001 03 13.2	11 33.42 +10 58.1 19.3	-0.96 + 7.2	2.7/10.6	2679	1999 VH ₈₁	2001 03 13.7	11 34.95 +06 53.3 18.5	-0.79 + 6.2	1.3/12.3	10504
1999 XL ₁₆	2001 03 13.3	11 33.56 +21 02.2 20.1	-0.95 + 5.1	5.3/07.4	1547	1998 OJ ₁	2001 03 13.7	11 34.95 -14 58.0 18.9	-0.85 + 5.8	5.2/19.6	37699
1998 SD ₈₇	2001 03 13.3	11 33.59 -08 18.5 19.2	-0.72 + 5.5	3.1/17.2	39248	1999 VG ₆	2001 03 13.7	11 34.95 -01 20.5 18.7	-0.86 + 5.9	1.2/15.0	10921
1993 BV ₅	2001 03 13.3	11 33.60 -02 07.1 18.2	-0.98 + 3.6	1.8/14.8	10828	1999 XX ₁₄₄	2001 03 13.7	11 34.96 +10 15.7 20.6	-0.89 + 5.3	2.6/11.3	1556
2000 AA ₉₀	2001 03 13.3	11 33.66 +10 58.4 18.5	-0.64 + 5.9	2.0/10.5	10945	1999 XS ₉₆	2001 03 13.7	11 35.02 -03 40.7 18.2	-0.84 + 4.8	2.0/15.8	8466
1997 JR ₉	2001 03 13.3	11 33.67 +17 19.0 18.3	-0.76 + 9.9	5.2/07.8	10314	2634 T-3	2001 03 13.7	11 35.17 -01 18.4 18.3	-0.84 + 6.0	1.5/15.0	2805
1999 XS ₅₄	2001 03 13.3	11 33.74 +01 01.4 19.7	-0.88 + 6.1	0.5/14.0	1220	1999 TN ₁₈₅	2001 03 13.7	11 35.17 -17 13.7 21.2	-0.91 + 5.5	6.2/20.6	7509
1997 GW ₆	2001 03 13.3	11 33.77 -14 55.4 18.7	-0.77 + 7.4	5.0/19.7	38772	1999 XW ₁₈₃	2001 03 13.7	11 35.18 +03 22.4 18.6	-0.97 + 4.7	0.2/13.6	38608
1999 RT ₁₄₅	2001 03 13.3	11 33.78 -02 35.1 20.2	-0.98 + 6.0	1.9/15.1	5608	1998 QY ₆₇	2001 03 13.7	11 35.19 -07 10.9 17.3	-0.81 + 7.3	3.4/17.1	10862
1997 BR ₃	2001 03 13.3	11 33.82 -07 01.2 17.5	-1.34 - 3.0	4.0/15.0	10838	1998 KP ₃	2001 03 13.7	11 35.33 -05 29.2 18.3	-0.92 + 6.9	2.8/16.5	38051
1991 TH ₃	2001 03 13.3	11 33.83 -04 59.3 19.5	-0.88 + 7.6	2.5/16.0	9669	1998 SD ₁₄₁	2001 03 13.8	11 35.28 +10 58.4 18.0	-0.84 + 2.9	2.3/11.2	10871
1999 VL ₆₂	2001 03 13.4	11 33.79 +00 48.4 19.8	-0.84 + 5.9	0.6/14.1	2682	2000 AU ₁₇₇	2001 03 13.8	11 35.30 -14 31.7 16.4	-0.71 + 6.5	5.4/19.9	10947
1997 MK ₉	2001 03 13.4	11 33.80 +00 52.4 18.9	-0.74 + 8.9	0.7/14.1	4348	1993 FA ₃₃	2001 03 13.8	11 35.31 +05 50.4 17.3	-0.84 + 7.6	1.2/12.7	26903
2000 AG ₁₆	2001 03 13.4	11 33.83 -02 14.1 19.3	-0.85 + 5.2	1.4/15.0	40428	1999 TA ₁₅₃	2001 03 13.8	11 35.33 -04 25.5 18.3	-0.76 +10.0	2.3/16.4	1496
1999 XN ₇₈	2001 03 13.4	11 33.84 +01 35.5 17.8	-0.79 + 5.2	0.4/13.8	4543	2135 T-3	2001 03 13.8	11 35.34 -05 02.1 19.0	-0.73 + 5.9	2.2/16.5	33060
1999 TG ₂₇₃	2001 03 13.4	11 33.93 -28 52.8 18.9	-1.42 - 3.2	12.3/21.5	3922	1999 TF ₁₁₂	2001 03 13.8	11 35.37 -03 57.4 17.7	-0.86 + 9.1	2.9/16.1	8452
1999 RN ₁	2001 03 13.4	11 33.97 +00 21.5 19.3	-0.94 + 6.0	0.9/14.2	40354	1998 QK ₉₅	2001 03 13.8	11 35.39 -11 39.4 18.0	-0.76 + 4.9	4.0/18.7	10864
1999 TS ₁₃₈	2001 03 13.4	11 33.98 +00 22.1 20.2	-0.87 + 6.1	0.9/14.2	4530	2000 AR ₄₅	2001 03 13.8	11 35.42 +27 25.7 18.5	-0.86 + 5.8	7.2/04.7	10944
1999 RF ₁₇₄	2001 03 13.4	11 34.03 +08 09.4 17.2	-1.01 + 5.0	2.2/11.8	10897	1999 VL ₁₀	2001 03 13.8	11 35.44 -07 08.9 18.4	-0.91 + 7.2	3.0/17.1	40389
1999 WN	2001 03 13.4	11 34.13 +09 36.2 20.6	-0.98 + 6.4	2.2/11.3	40400	1999 UY ₄₃	2001 03 13.8	11 35.45 -00 46.9 20.7	-0.94 + 5.0	1.1/15.0	10920
1998 MT ₃₈	2001 03 13.4	11 34.15 -07 31.8 17.6	-0.93 + 5.3	4.1/16.7	1039	1986 QQ ₃	2001 03 13.8	11 35.45 +07 26.1 18.2	-0.89 + 5.0	1.5/12.3	10824
1993 FK ₁₈	2001 03 13.4	11 34.18 +12 00.1 18.7	-0.93 + 5.5	3.6/10.5	10828	2001 CL ₃₀	2001 03 13.8	11 35.48 +01 44.5 18.0	-0.72 +13.1	0.4/14.2	10780
1999 VK ₁₆₁	2001 03 13.4	11 34.25 +22 14.9 17.7	-1.09 + 1.7	8.2/07.6	10929	1999 XT ₁₂₁	2001 03 13.8	11 35.48 -18 21.2 18.3	-0.88 + 4.7	6.8/21.0	1555
2000 AZ ₂₂₈	2001 03 13.5	11 34.17 +09 11.7 19.1	-0.79 + 8.6	1.8/11.2	2726	1999 TO ₁₁	2001 03 13.8	11 35.48 +06 37.5 22.1	-0.97 + 5.2	1.2/12.6	1472
1998 RJ ₄₅	2001 03 13.5	11 34.24 +00 24.0 18.2	-0.75 + 4.6	0.7/14.3	10865	1999 VJ ₂₁₃	2001 03 13.8	11 35.58 -04 16.3 18.2	-0.70 + 8.0	2.2/16.4	8463
1981 EE ₁₀	2001 03 13.5	11 34.24 -01 52.7 18.4	-1.02 + 5.5	1.8/14.9	37256	1992 PO	2001 03 13.8	11 35.61 -09 20.3 19.5	-0.75 + 3.2	2.9/17.7	39151
1994 TR ₆	2001 03 13.5	11 34.24 +02 46.7 20.0	-0.84 + 6.3	0.0/13.5	33341	1999 WZ ₁	2001 03 13.8	11 35.65 -08 53.2 19.4	-0.82 + 5.7	3.2/17.8	40401
2000 YA ₁₃₃	2001 03 13.5	11 34.26 +07 10.5 18.2	-0.75 + 2.9	1.1/12.1	11022	1999 TC ₂₆₉	2001 03 13.8	11 35.67 -09 00.4 20.6	-0.86 + 5.8	3.4/17.8	2673
2001 CM ₂₆	2001 03 13.5	11 34.27 +14 21.1 18.0	-0.72 + 7.2	3.5/09.4	10773	1998 QL ₇₂	2001 03 13.8	11 35.70 -15 19.6 19.4	-0.94 + 3.6	6.2/19.4	4916
1999 XG ₂₆	2001 03 13.5	11 34.28 -12 33.3 17.0	-0.83 + 6.9	6.0/18.9	10934	1999 XF ₁₃₃	2001 03 13.9	11 35.64 -05 09.0 17.0	-1.01 + 1.6	2.8/16.0	10559
1998 UX ₂₅	2001 03 13.5	11 34.36 -05 28.1 17.9	-0.71 + 8.0	2.5/16.5	9721	1999 TB ₂₄₂	2001 03 13.9	11 35.70 +28 17.9 17.4	-0.89 + 5.2	9.8/04.5	10915
1995 SO ₁₆	2001 03 13.5	11 34.38 +02 24.4 20.6	-0.92 + 5.9	0.1/13.7	2621	1998 SQ ₁₀₇	2001 03 13.9	11 35.76 +06 38.1 17.8	-0.98 + 2.6	1.4/12.8	10870
1998 HW ₄₁	2001 03 13.5	11 34.38 +07 28.2 19.3	-0.97 + 7.3	1.6/12.0	1029	1999 RX ₉₈	2001 03 13.9	11 35.77 +04 03.0 18.7	-0.84 + 9.9	0.5/13.4	10892

2000 AQ ₁	2001 03 13.9	11 35.79 -11 58.2 18.2	-0.93 + 3.6	4.7/18.5	10943	1999 XW ₁₆₀	2001 03 14.2	11 37.13 -03 39.3 19.7	-0.71 + 4.9	1.6/16.4	10940
1999 VH ₃₉	2001 03 13.9	11 35.79 -01 54.4 17.8	-0.85 + 5.5	1.6/15.4	38111	1999 VJ ₈₆	2001 03 14.2	11 37.16 +17 33.8 17.7	-0.97 + 5.6	6.1/09.3	10926
1999 VJ ₂₀₈	2001 03 13.9	11 35.82 +02 31.3 18.8	-0.83 + 6.5	0.0/14.0	2184	1999 XY ₁₅₇	2001 03 14.3	11 37.09 -09 20.3 18.8	-0.78 + 5.7	3.3/18.3	40421
1999 XN ₉₇	2001 03 13.9	11 35.83 +07 32.3 18.8	-0.86 + 5.0	1.6/12.4	10937	1995 WB ₁₈	2001 03 14.3	11 37.10 +08 27.2 21.1	-0.93 + 4.6	1.9/12.5	165
1999 WT ₅	2001 03 13.9	11 35.84 +12 17.5 18.0	-0.99 + 3.3	3.9/11.1	10931	1998 VD ₄₃	2001 03 14.3	11 37.18 +05 19.8 20.4	-0.73 + 4.6	0.7/13.4	10874
1998 HC ₉₅	2001 03 13.9	11 35.86 +09 35.8 17.1	-0.99 + 6.5	3.0/11.7	10853	1999 TR ₃₁	2001 03 14.3	11 37.22 -00 20.3 20.0	-0.91 + 6.6	0.9/15.2	40382
1999 XM ₅₅	2001 03 13.9	11 35.87 +09 15.5 19.2	-0.84 + 4.9	2.2/11.8	10935	1999 TN ₂₄₇	2001 03 14.3	11 37.26 +03 33.6 16.8	-0.80 + 8.2	0.4/14.0	10916
1999 VA ₂₈	2001 03 13.9	11 35.92 -09 38.0 19.4	-0.89 + 7.0	4.2/18.1	38107	1999 UR ₂₃	2001 03 14.3	11 37.31 -02 25.4 17.6	-1.05 + 3.4	2.0/15.7	10919
1979 OE ₁₀	2001 03 13.9	11 35.94 +01 54.2 20.0	-0.77 + 6.2	0.2/14.2	5382	1998 RJ ₃₄	2001 03 14.3	11 37.33 +08 23.1 17.6	-0.98 + 3.7	2.0/12.6	10865
1999 XP ₁₂₄	2001 03 13.9	11 35.97 +08 42.5 18.3	-1.09 + 3.8	2.4/12.2	10939	1999 TA ₂₁₂	2001 03 14.3	11 37.39 +01 47.6 18.1	-1.07 + 4.7	0.3/14.6	10914
1993 FV ₃₃	2001 03 13.9	11 35.99 +04 58.2 17.2	-0.84 + 8.4	0.8/13.2	10829	2000 AG ₂₅₁	2001 03 14.3	11 37.46 +04 42.8 18.0	-0.64 + 4.4	0.6/13.6	10593
2617 P-L	2001 03 13.9	11 36.00 +03 43.0 20.1	-0.95 + 6.9	0.4/13.6	36050	1990 QX ₅	2001 03 14.3	11 37.50 -05 20.5 18.5	-0.95 + 3.1	2.3/16.7	40295
1998 SF ₁₂₈	2001 03 13.9	11 36.02 -00 29.5 17.9	-0.66 + 8.8	0.9/15.1	10870	1999 UO ₄₈	2001 03 14.3	11 37.51 +16 32.6 19.9	-0.83 + 4.8	4.2/09.7	2678
1999 US ₅₂	2001 03 13.9	11 36.03 +04 48.8 20.9	-0.87 + 7.7	0.7/13.2	4535	1999 RZ ₃₄	2001 03 14.4	11 37.53 +31 36.4 18.0	-1.23 + 0.2	9.6/05.9	10366
2000 AC ₁₃₂	2001 03 13.9	11 36.04 -06 15.5 18.4	-0.75 + 4.0	2.4/16.9	3494	1999 VF ₆₆	2001 03 14.4	11 37.57 +26 59.9 19.1	-1.00 + 2.4	7.7/06.7	38119
1996 AW ₇	2001 03 13.9	11 36.05 +02 46.1 18.3	-0.87 + 4.3	0.1/13.9	10834	1999 XB ₂₃	2001 03 14.4	11 37.59 +24 38.9 20.0	-1.01 + 2.6	6.8/07.6	1548
1999 VF ₁₈₅	2001 03 14.0	11 36.05 +00 44.9 18.2	-0.76 + 6.7	0.6/14.6	10930	6312 P-L	2001 03 14.4	11 37.62 +01 26.8 20.1	-0.99 + 4.9	0.3/14.7	11064
1999 XM ₁₉₆	2001 03 14.0	11 36.08 +16 37.5 18.4	-0.80 + 3.2	3.7/09.5	10941	1999 UR ₄₅	2001 03 14.4	11 37.63 -02 45.4 20.4	-0.90 + 5.0	1.5/16.1	1519
1998 QD ₂₀	2001 03 14.0	11 36.09 -01 03.6 18.4	-0.72 + 7.8	1.1/15.3	10860	1999 UY ₅₂	2001 03 14.4	11 37.65 +26 00.7 19.3	-0.90 + 4.9	7.1/06.4	2679
1998 HX ₁₁₀	2001 03 14.0	11 36.10 +10 03.0 18.3	-0.96 + 7.4	2.6/11.6	10853	1998 SF ₅₉	2001 03 14.4	11 37.87 +01 25.8 17.8	-0.71 + 8.1	0.3/14.8	10869
1998 SS ₅₉	2001 03 14.0	11 36.12 +12 45.0 19.3	-0.76 + 4.0	2.6/10.7	38508	1999 RB ₂₁₀	2001 03 14.4	11 37.92 -03 19.0 19.4	-0.98 + 5.3	1.9/16.3	5619
1999 XN ₃₉	2001 03 14.0	11 36.15 -03 08.2 19.6	-0.78 + 6.5	1.6/16.0	2209	1998 SH ₁₀₀	2001 03 14.5	11 37.88 -00 03.3 18.3	-0.87 + 2.4	0.8/15.2	10870
1999 VN ₁₉₂	2001 03 14.0	11 36.15 -02 08.6 18.6	-0.99 + 4.3	1.9/15.4	10930	1999 VJ ₃₇	2001 03 14.5	11 37.89 -05 51.4 19.5	-0.94 + 6.2	2.8/17.1	2158
2001 DV ₂₀	2001 03 14.0	11 36.19 +17 37.1 18.1	-0.90 + 5.4	4.5/09.1	10799	1999 XS ₁₈₂	2001 03 14.5	11 37.92 -20 49.2 18.6	-0.88 + 3.3	7.4/22.3	1558
1999 VG ₁₉₅	2001 03 14.0	11 36.21 +12 44.1 17.3	-0.93 + 4.3	4.5/10.9	10930	2000 YD ₁₁₉	2001 03 14.5	11 37.95 +29 54.1 17.6	-0.98 + 4.1	10.3/05.4	11021
1999 TT ₃₁	2001 03 14.0	11 36.25 +05 54.0 18.1	-1.09 + 3.1	1.4/13.1	10906	1981 EF ₁₆	2001 03 14.5	11 37.98 -04 34.2 18.4	-0.84 + 9.2	2.3/17.0	10823
1999 VA ₄	2001 03 14.0	11 36.28 +07 39.3 18.7	-0.93 + 6.2	1.6/12.4	40388	1999 XM ₉₀	2001 03 14.5	11 38.00 -19 46.3 17.9	-0.78 + 3.0	5.9/21.9	9779
1998 QN ₃₅	2001 03 14.0	11 36.32 +07 21.5 18.5	-0.79 + 4.9	1.4/12.5	10860	1999 VN ₁₇₄	2001 03 14.5	11 38.14 -05 30.9 18.4	-0.76 + 11.0	2.7/17.5	8462
2000 YU ₁₃₂	2001 03 14.0	11 36.34 -16 22.0 17.2	-0.98 + 0.9	7.6/19.5	11022	1998 QS ₂₂	2001 03 14.5	11 38.24 +09 28.6 17.4	-0.88 + 5.2	2.3/12.3	10860
2000 CB ₁₀	2001 03 14.1	11 36.39 +04 24.9 18.8	-0.70 + 4.9	0.5/13.5	10950	2001 DC ₇₉	2001 03 14.6	11 38.20 +22 18.5 18.0	-0.83 + 6.0	6.3/07.4	10813
1999 VY ₃₉	2001 03 14.1	11 36.49 +07 55.3 21.0	-0.96 + 5.4	1.8/12.5	10923	1999 SO ₄	2001 03 14.6	11 38.22 +06 17.7 17.2	-1.01 + 4.0	1.6/13.4	10902
1995 BY ₈	2001 03 14.1	11 36.51 +08 19.0 20.4	-0.73 + 4.9	1.4/12.2	6723	1999 VP ₄₃	2001 03 14.6	11 38.25 +05 21.5 18.7	-1.03 + 4.8	1.2/13.7	10923
1998 SH ₁₂₂	2001 03 14.1	11 36.57 -02 46.6 18.8	-0.69 + 5.1	1.3/16.0	38792	1999 TF ₁₃₄	2001 03 14.6	11 38.28 -00 54.7 17.9	-0.88 + 5.8	1.2/15.7	1492
1999 VV ₅₀	2001 03 14.1	11 36.62 -02 10.1 18.1	-0.99 + 6.2	1.7/15.6	2681	2000 AC ₂₇	2001 03 14.6	11 38.28 -00 55.0 19.7	-0.87 + 4.9	0.9/15.7	2259
1998 QN ₄₂	2001 03 14.1	11 36.63 -04 03.4 18.2	-0.87 + 3.5	1.9/16.2	38782	1999 RS ₃₀	2001 03 14.6	11 38.29 -06 22.2 18.2	-1.17 - 0.6	2.9/16.8	37293
1999 XH ₇₂	2001 03 14.1	11 36.73 +20 49.2 17.5	-0.81 + 4.4	5.2/08.0	10936	1999 VH ₂	2001 03 14.6	11 38.35 -00 13.8 18.1	-0.89 + 5.0	0.8/15.4	40387
1999 VY ₂₂	2001 03 14.1	11 36.73 +04 39.0 19.1	-0.88 + 6.2	0.7/13.5	10922	1999 VO ₁₉₉	2001 03 14.6	11 38.44 -01 19.2 18.8	-0.69 + 9.5	1.0/16.0	2691
1999 XH ₉₈	2001 03 14.2	11 36.74 +17 43.7 19.2	-0.80 + 4.3	4.0/09.2	38845	1998 QX ₇₀	2001 03 14.6	11 38.48 -12 28.2 18.6	-0.77 + 4.6	4.1/19.6	40332
1998 SQ ₉₇	2001 03 14.2	11 36.75 -01 02.1 18.2	-0.67 + 8.2	0.9/15.5	38792	1999 TQ ₁₂	2001 03 14.6	11 38.55 +07 59.6 19.1	-1.01 + 6.1	2.0/12.9	10418
2000 AU ₁₀₉	2001 03 14.2	11 36.80 -11 54.9 18.8	-0.91 + 6.0	4.4/18.9	10946	1998 HG ₂₆	2001 03 14.6	11 38.59 +06 47.7 19.1	-0.92 + 6.7	1.4/13.2	10851
1999 TW ₁₂	2001 03 14.2	11 36.80 +24 48.3 17.8	-1.01 - 0.2	7.6/08.0	10418	1998 RA ₅₅	2001 03 14.6	11 38.60 -05 57.2 20.3	-0.78 + 7.5	2.3/17.6	34022
1178 T-1	2001 03 14.2	11 36.81 +01 18.1 18.7	-0.93 + 4.1	0.4/14.6	11065	1998 QV ₉₆	2001 03 14.6	11 38.60 -14 31.6 17.9	-0.83 + 3.2	4.9/20.1	10864
1999 TY ₁₂₃	2001 03 14.2	11 36.82 -00 08.2 19.3	-0.90 + 7.8	0.9/15.1	311	1999 XA ₅₂	2001 03 14.6	11 38.63 -00 03.3 20.0	-0.88 + 5.5	0.7/15.5	1551
4331 P-L	2001 03 14.2	11 36.85 +01 26.4 21.7	-1.02 + 5.9	0.4/14.6	3837	1998 QX ₇₈	2001 03 14.7	11 38.56 -10 50.6 18.5	-0.80 + 7.9	4.0/19.3	10863
1986 QJ ₂	2001 03 14.2	11 36.96 +04 02.4 17.7	-0.79 + 3.8	0.5/13.8	10824	1990 SE ₉	2001 03 14.7	11 38.62 +10 25.9 19.7	-0.88 + 5.0	2.5/12.1	40295
1999 XF ₈₁	2001 03 14.2	11 36.98 +12 50.6 18.6	-0.90 + 6.6	3.7/10.8	10547	1999 RZ ₁₄₁	2001 03 14.7	11 38.63 +05 46.9 18.3	-1.01 + 4.5	1.4/13.7	10895
1999 XB ₄₁	2001 03 14.2	11 37.00 -10 43.0 18.1	-0.81 + 6.1	4.6/18.8	1549	1999 XZ ₄	2001 03 14.7	11 38.63 +06 49.2 18.6	-0.77 + 5.3	1.5/13.2	10932
1999 XN ₃₁	2001 03 14.2	11 37.02 -10 40.6 18.4	-0.75 + 4.6	3.5/18.6	2203	1999 RK ₁₆	2001 03 14.7	11 38.65 +01 23.5 19.0	-0.94 + 4.7	8.0/04.0	40355
1999 VR ₂₅	2001 03 14.2	11 37.03 +05 03.4 18.9	-0.88 + 7.5	0.9/13.4	2155	1995 OE ₅	2001 03 14.7	11 38.65 +04 58.3 18.8	-0.92 + 7.0	1.0/13.9	10832
1998 FM ₇₈	2001 03 14.2	11 37.08 +10 18.3 18.2	-1.04 + 6.3	2.9/11.8	10848	2000 YT ₁₀₅	2001 03 14.7	11 38.65 +04 20.9 16.9	-1.04 + 0.9	0.8/14.2	10662
2000 AR ₁₅₄	2001 03 14.2	11 37.11 -10 37.6 19.7	-0.98 + 5.0	4.2/18.4	1565	1998 SR ₁₂	2001 03 14.7	11 38.69 -29 36.9 20.6	-0.85 + 3.9	8.0/26.0	4918

1993 FN ₆₂	2001 03 14.7	11 38.76 +10 03.4 19.0	-0.92 + 4.9	2.5/12.3	9673	1999 VM ₅	2001 03 15.1	11 40.19 +00 30.5 19.0	-0.94 + 5.3	0.5/15.6	40388
2000 YM ₁₂₃	2001 03 14.7	11 38.78 +16 54.5 18.3	-0.73 + 5.7	4.1/09.6	11022	1996 HM ₁₃	2001 03 15.1	11 40.22 -12 29.3 17.8	-0.68 + 7.3	3.8/20.5	10834
1998 RM ₃₈	2001 03 14.7	11 38.80 +04 11.1 18.2	-0.72 + 7.4	0.5/14.1	1966	1997 GG ₁₇	2001 03 15.1	11 40.23 -04 35.3 18.9	-0.83 + 6.8	2.1/17.4	1918
1263 T-2	2001 03 14.7	11 38.81 +01 31.1 19.2	-0.99 + 7.7	9.6/04.0	2803	1993 TT ₁₉	2001 03 15.1	11 40.23 +05 46.8 18.3	-0.79 + 4.6	1.1/14.0	27715
1999 TC ₁₉₀	2001 03 14.7	11 38.88 +00 36.8 19.6	-1.01 + 2.1	0.6/15.2	6257	1999 VA ₃₅	2001 03 15.1	11 40.25 +12 37.6 19.3	-0.94 + 5.0	3.3/11.8	38817
2001 AG ₁₈	2001 03 14.7	11 38.89 -00 52.2 17.4	-0.93 + 0.4	1.1/15.6	11025	2000 AO ₆₈	2001 03 15.1	11 40.38 +16 56.4 19.4	-0.99 + 6.0	4.9/10.3	5687
2614 P-L	2001 03 14.7	11 38.90 +01 22.9 20.1	-0.83 + 6.3	0.3/15.1	11063	1999 UQ ₁₁	2001 03 15.1	11 40.41 -01 43.1 16.1	-1.03 + 0.1	1.5/16.2	10918
1999 UA	2001 03 14.7	11 38.90 -04 40.5 19.9	-0.94 + 6.4	2.2/17.0	40383	2000 AH ₁₀₄	2001 03 15.1	11 40.43 -04 37.8 20.2	-0.80 + 6.5	1.9/17.5	7519
1999 RW ₁₈	2001 03 14.7	11 38.97 +02 38.5 17.6	-1.08 + 4.2	0.1/14.7	10888	1981 DR	2001 03 15.1	11 40.46 -12 16.4 18.7	-0.85 + 2.9	4.4/19.7	10823
1999 VC ₂₇	2001 03 14.8	11 38.94 +09 15.1 18.2	-1.01 + 5.6	2.9/12.6	10488	1998 KT ₆	2001 03 15.1	11 40.47 +13 18.2 18.8	-0.99 + 6.8	4.1/11.5	10855
1997 GW ₃₂	2001 03 14.8	11 38.96 +01 21.2 18.7	-0.88 + 5.1	8.3/23.0	10840	1979 MY ₇	2001 03 15.2	11 40.42 -10 55.1 19.3	-0.87 + 3.9	4.4/19.3	30779
1998 QR ₅₀	2001 03 14.8	11 39.04 +05 26.4 18.8	-0.75 + 4.4	0.8/13.8	38783	1999 XE ₆₈	2001 03 15.2	11 40.54 +05 02.0 18.1	-0.79 + 5.9	0.9/14.3	37905
1999 XC ₄₂	2001 03 14.8	11 39.08 +10 02.2 18.1	-1.04 + 4.8	3.1/12.5	10935	1999 WK ₁	2001 03 15.2	11 40.57 +10 42.0 18.7	-0.86 + 4.5	2.6/12.5	10525
1999 XD ₆₉	2001 03 14.8	11 39.11 +12 31.0 18.8	-0.77 + 4.7	3.3/11.4	10936	1979 MV ₈	2001 03 15.2	11 40.64 +06 26.5 19.7	-0.89 + 8.2	1.5/13.8	32509
1992 RV ₆	2001 03 14.8	11 39.15 +05 33.5 19.4	-0.73 + 4.7	0.8/13.8	35686	1999 XM ₁₅₂	2001 03 15.2	11 40.69 +23 08.0 17.7	-0.95 + 1.0	7.1/09.2	10940
1998 QM ₄₀	2001 03 14.8	11 39.17 -10 27.6 18.4	-0.92 + 3.1	3.8/18.7	10861	1999 TQ ₁₂₃	2001 03 15.2	11 40.72 +09 38.8 19.4	-0.99 + 4.9	2.6/13.0	10910
3256 T-2	2001 03 14.8	11 39.20 +06 08.9 19.2	-0.97 + 5.5	1.4/13.6	11066	1997 GR ₂₁	2001 03 15.2	11 40.74 -08 54.6 18.8	-0.80 + 8.2	3.6/19.1	10840
1999 VP ₁₉₂	2001 03 14.8	11 39.26 -08 47.1 18.8	-0.99 + 5.5	4.0/18.3	2690	1999 VW ₁₉₇	2001 03 15.2	11 40.75 -00 22.7 19.3	-0.84 + 9.2	0.8/16.1	2691
2000 AF ₁₁	2001 03 14.8	11 39.30 -04 04.7 16.9	-0.83 + 5.0	2.3/16.9	39568	3116 T-2	2001 03 15.2	11 40.76 +05 21.9 18.8	-0.94 + 6.5	1.2/14.2	36053
1999 TZ ₁₅₁	2001 03 14.8	11 39.38 +13 12.7 18.9	-1.01 + 4.6	3.9/11.5	1496	1999 XB ₂₂₀	2001 03 15.2	11 40.83 +03 40.2 19.9	-0.89 + 3.4	0.5/14.8	2248
1999 XR ₉₇	2001 03 14.9	11 39.30 +04 48.7 18.2	-0.74 + 4.6	0.7/14.1	10937	1999 XU ₇₄	2001 03 15.3	11 40.78 +17 57.7 17.6	-0.77 + 4.9	4.8/09.8	10546
1999 WF ₁₇	2001 03 14.9	11 39.31 +07 46.9 19.4	-0.91 + 4.8	1.8/13.2	10528	1999 XX ₁₁₄	2001 03 15.3	11 40.79 +01 31.7 19.2	-1.05 + 3.3	0.2/15.5	2699
1997 CE ₂₇	2001 03 14.9	11 39.34 -07 27.9 19.5	-0.99 + 5.0	3.3/17.9	5429	1995 AA	2001 03 15.3	11 40.87 -08 33.3 17.9	-0.86 + 2.7	3.5/18.6	10832
1999 UU ₄	2001 03 14.9	11 39.42 -00 36.5 19.4	-0.88 + 5.9	0.9/15.8	40384	2000 AS ₁₇	2001 03 15.3	11 40.93 -11 18.2 18.1	-0.79 + 4.2	3.8/19.7	10943
2000 AC ₃₇	2001 03 14.9	11 39.43 -07 54.0 18.4	-0.81 + 3.1	2.9/18.1	10944	1999 XY ₂₂₃	2001 03 15.3	11 40.96 +10 19.5 20.3	-0.68 + 4.6	1.9/12.5	2704
1999 XS ₁₀	2001 03 14.9	11 39.58 +04 43.4 19.2	-1.05 + 4.1	0.9/14.2	2195	1998 MP ₇	2001 03 15.3	11 41.00 -04 39.7 18.9	-0.89 + 6.8	2.3/17.5	10857
1999 VF ₂₃	2001 03 14.9	11 39.73 -03 22.7 17.4	-0.99 + 5.1	2.4/16.7	8459	1998 QF ₅₀	2001 03 15.3	11 41.01 +05 28.4 18.6	-0.88 + 3.5	1.0/14.3	10862
1999 VZ ₅₂	2001 03 15.0	11 39.65 +36 06.2 16.7	-0.84 + 3.5	8.6/02.1	10924	1996 AR ₂	2001 03 15.3	11 41.04 -11 01.2 18.5	-0.91 + 3.2	3.8/19.4	10833
1999 XG ₃₉	2001 03 15.0	11 39.69 -11 35.2 19.1	-0.82 + 6.9	4.0/19.8	2696	1998 RO ₁₈	2001 03 15.3	11 41.05 +04 36.3 19.7	-0.70 + 7.6	0.7/14.5	3897
1979 MV ₃	2001 03 15.0	11 39.71 +01 02.0 20.6	-0.87 + 6.6	0.3/15.4	30778	3477 T-3	2001 03 15.3	11 41.06 +07 16.5 18.6	-0.80 + 4.3	1.6/13.7	11067
1998 HH ₁₄	2001 03 15.0	11 39.75 +11 08.5 17.8	-0.93 + 8.0	4.0/12.0	10851	1996 BA ₃	2001 03 15.3	11 41.08 +16 31.7 18.9	-0.83 + 6.5	4.6/10.4	10834
2000 AV ₉₂	2001 03 15.0	11 39.77 -23 40.4 19.1	-0.90 + 4.3	7.6/24.2	1562	1998 SS ₅₄	2001 03 15.3	11 41.10 +05 39.4 17.7	-0.94 + 0.8	1.1/14.4	10868
1998 RR ₅₃	2001 03 15.0	11 39.77 -03 54.2 19.5	-0.83 + 7.2	1.9/17.1	35714	1998 SX ₁₃₁	2001 03 15.3	11 41.12 -02 58.0 19.4	-0.76 + 3.6	1.3/17.0	6814
1999 UA ₁₅	2001 03 15.0	11 39.82 +13 37.8 19.1	-0.90 + 3.5	3.6/11.5	40385	1978 VD ₁₀	2001 03 15.4	11 41.16 -01 11.7 21.4	-0.84 + 5.6	0.9/16.5	125
1999 XC ₂₇	2001 03 15.0	11 39.88 +08 52.0 19.6	-0.94 + 5.9	2.2/12.9	2201	1999 XY ₁₉₀	2001 03 15.4	11 41.18 -11 14.3 19.2	-0.78 + 3.8	3.5/20.0	40424
1999 VX ₃₆	2001 03 15.0	11 39.89 -06 44.7 18.5	-0.94 + 6.6	2.9/17.9	2680	1998 QE ₈₉	2001 03 15.4	11 41.20 -13 54.6 19.3	-0.84 + 4.9	4.6/20.6	2634
1993 SG ₁₃	2001 03 15.0	11 39.92 -01 56.8 18.8	-0.72 + 7.0	1.1/16.5	1885	1994 PC ₉	2001 03 15.4	11 41.25 +01 53.9 18.5	-0.85 + 5.6	0.0/15.5	10831
1999 VH ₃₇	2001 03 15.0	11 39.94 -10 32.7 18.1	-0.75 + 5.0	4.3/19.4	10492	1997 ED ₇	2001 03 15.4	11 41.25 -07 35.0 19.0	-0.92 + 6.0	3.3/18.5	40315
1981 EA ₃	2001 03 15.0	11 39.96 -09 02.5 18.2	-1.01 + 5.1	4.6/18.5	36873	1998 QT ₃₂	2001 03 15.4	11 41.26 +00 35.0 18.0	-0.79 + 5.3	0.4/15.9	10860
1998 HD ₁₂₃	2001 03 15.0	11 39.99 +07 57.9 17.3	-0.90 + 8.9	2.6/13.1	10853	1995 WO	2001 03 15.4	11 41.32 -03 00.5 19.2	-0.88 + 7.7	1.5/17.1	38035
1998 QQ ₄₄	2001 03 15.0	11 40.00 +04 39.1 18.7	-0.73 + 5.6	0.7/14.2	38782	1999 XZ ₁₁₇	2001 03 15.4	11 41.34 +10 10.4 20.0	-0.94 + 4.7	2.5/12.9	2699
1999 XU ₁₉₃	2001 03 15.0	11 40.00 -07 35.1 18.6	-0.82 + 3.4	2.9/18.1	10941	2000 YS ₁₀₅	2001 03 15.4	11 41.37 +15 34.6 18.7	-0.94 + 7.5	5.4/10.8	10661
1998 SD ₁₀₀	2001 03 15.0	11 40.01 +07 06.9 17.3	-0.97 - 0.3	1.5/13.8	10338	1999 VG ₅₈	2001 03 15.4	11 41.38 +20 19.8 19.4	-0.95 + 3.0	5.8/09.8	1525
1998 SC ₅₇	2001 03 15.0	11 40.02 +04 00.7 20.1	-0.72 + 4.4	0.4/14.5	10337	1998 QX ₉₄	2001 03 15.4	11 41.42 -17 21.4 18.7	-0.95 + 2.6	6.1/21.3	38785
2000 AO ₁₇₀	2001 03 15.0	11 40.05 +19 44.2 18.8	-0.83 + 6.5	4.9/08.9	10588	1999 TJ ₁₆	2001 03 15.4	11 41.42 +08 11.1 18.9	-0.95 + 5.9	2.1/13.5	40379
1999 TS ₅	2001 03 15.0	11 40.05 +00 10.8 18.5	-1.04 + 5.3	0.7/15.7	2106	1992 BM ₄	2001 03 15.4	11 41.43 +04 58.1 19.2	-0.89 + 4.7	1.1/14.5	10827
1999 XT ₁₄₂	2001 03 15.1	11 40.03 -46 39.4 17.9	-1.16 - 1.5	15.1/02.7	39563	2000 AQ ₆	2001 03 15.4	11 41.45 +05 43.6 19.3	-0.73 + 6.0	1.1/14.2	10943
1999 VO ₃₃	2001 03 15.1	11 40.04 -00 35.6 18.7	-0.83 + 6.3	1.0/16.0	10923	1999 VR ₈₆	2001 03 15.4	11 41.48 +07 15.9 19.7	-1.03 + 4.9	1.8/13.9	2683
1978 VE ₈	2001 03 15.1	11 40.06 +07 02.3 18.7	-0.79 + 4.6	1.5/13.5	10823	1999 TK ₁₀₃	2001 03 15.4	11 41.51 -02 46.3 18.9	-1.01 + 3.5	1.9/16.9	10434
1997 GY ₈	2001 03 15.1	11 40.09 -00 07.2 18.9	-0.85 + 6.4	0.9/15.9	10840	1999 XM ₁₂₄	2001 03 15.4	11 41.51 -02 57.1 19.2	-1.04 + 5.3	1.7/17.0	692
1999 RO ₁₇₂	2001 03 15.1	11 40.11 +07 11.5 16.8	-1.15 + 1.4	2.0/13.8	10897	1999 VB ₁₂	2001 03 15.4	11 41.54 -03 11.3 15.6	-1.00 + 1.6	2.1/16.9	10922

1999 XB ₁₈₃	2001 03 15.5	11 41.56 -04 28.4 18.8	-1.01 + 4.8	2.2/17.5	3477	1999 XU ₂₄	2001 03 15.9	11 43.13 +19 22.0 18.6	-0.95 + 4.1	6.2/10.3	10535
1999 XT ₇₃	2001 03 15.5	11 41.64 +01 59.6 18.8	-0.74 + 4.9	0.0/15.5	10936	2001 BY ₇₄	2001 03 15.9	11 43.16 +12 39.9 18.8	-0.83 + 5.8	3.8/12.3	10735
2000 YB ₁₃₃	2001 03 15.5	11 41.66 +08 53.3 17.7	-0.72 + 7.7	2.0/13.1	11022	1999 XK ₁₁₇	2001 03 15.9	11 43.20 -02 38.8 20.4	-0.88 + 4.9	1.3/17.4	40417
1999 XZ ₁₈	2001 03 15.5	11 41.72 +12 29.3 18.9	-1.10 + 1.6	3.7/12.7	1547	1999 TU ₁₄₃	2001 03 15.9	11 43.25 -05 31.8 18.7	-0.95 + 5.8	2.9/18.3	4530
2000 AL ₇₁	2001 03 15.5	11 41.79 +07 51.1 18.7	-0.84 + 6.1	1.9/13.6	10944	1998 QA ₂₁	2001 03 15.9	11 43.26 +11 54.2 17.7	-0.80 +10.7	3.3/12.2	10860
1999 NS ₁₁	2001 03 15.5	11 41.83 +07 16.6 19.0	-0.93 + 7.8	1.7/13.8	37289	2000 AZ ₁₉₉	2001 03 15.9	11 43.27 +05 52.2 18.8	-0.77 + 9.1	1.2/14.5	10948
1998 HC ₄₂	2001 03 15.5	11 41.83 +13 59.4 19.4	-1.03 + 5.7	4.1/11.8	38777	1999 TY ₉₁	2001 03 15.9	11 43.33 +11 31.8 19.0	-0.95 + 7.6	3.5/12.8	10908
1999 VO ₈₀	2001 03 15.5	11 41.88 +10 23.5 19.3	-0.91 + 5.6	3.0/12.9	10926	1999 TU ₄₄	2001 03 16.0	11 43.35 -01 59.3 20.2	-0.93 + 6.4	1.2/17.2	2660
1996 VB ₄	2001 03 15.5	11 41.92 +06 00.6 18.5	-1.02 + 5.1	1.7/14.4	10835	1996 TZ ₃₆	2001 03 16.0	11 43.36 -00 38.3 19.0	-0.47 + 3.2	0.4/16.9	28309
1990 QS ₃	2001 03 15.6	11 41.86 +04 45.4 19.9	-0.85 + 7.1	0.9/14.7	32742	1999 XE ₉₀	2001 03 16.0	11 43.39 -14 09.6 18.0	-0.89 + 3.8	5.1/21.0	10937
1993 HO ₂	2001 03 15.6	11 41.87 +10 20.4 18.1	-0.89 + 4.8	3.5/12.9	10829	1999 XV ₁₈₁	2001 03 16.0	11 43.39 +02 43.3 19.0	-1.04 + 4.3	0.3/15.7	10941
1999 OG ₃	2001 03 15.6	11 41.98 -25 04.4 19.0	-0.94 + 7.7	8.3/25.6	40353	2001 BB ₇₃	2001 03 16.0	11 43.44 +21 29.7 17.0	-0.88 + 5.2	6.7/09.2	10733
1998 QD ₃₈	2001 03 15.6	11 42.08 +05 55.5 17.6	-0.80 + 5.4	1.2/14.3	10861	1999 RN ₁₄₃	2001 03 16.0	11 43.45 +01 43.2 19.4	-0.88 + 8.1	0.0/16.1	38078
1999 VB ₁₈₉	2001 03 15.6	11 42.12 -14 12.8 19.0	-0.78 + 7.6	5.0/21.5	2689	1999 XO ₁₈	2001 03 16.0	11 43.46 +07 31.6 18.9	-0.93 + 5.9	1.9/14.2	10933
1999 XS ₂₄	2001 03 15.6	11 42.16 -06 32.0 16.9	-0.86 + 8.1	3.3/18.6	10934	1998 RD ₁₇	2001 03 16.0	11 43.47 +06 35.7 17.6	-0.73 + 8.3	1.4/14.3	10865
1998 SO ₆₃	2001 03 15.6	11 42.17 -02 08.2 18.6	-0.72 + 7.2	1.1/17.1	37773	1999 VM ₁₁₂	2001 03 16.0	11 43.52 +00 04.2 18.5	-0.87 + 5.5	0.5/16.6	38825
1998 QZ ₁₀	2001 03 15.6	11 42.17 +03 56.3 16.8	-0.98 + 5.4	0.8/15.1	10859	1999 XK ₈₈	2001 03 16.0	11 43.53 -12 55.5 18.2	-0.75 + 4.7	4.1/21.0	1552
1998 PS	2001 03 15.6	11 42.20 +02 22.4 20.1	-0.72 + 5.0	0.1/15.5	38054	1998 VH ₃₄	2001 03 16.0	11 43.54 -06 45.1 18.4	-0.74 + 3.8	2.1/18.8	38797
1998 KJ ₃₃	2001 03 15.6	11 42.25 -06 17.7 18.8	-0.95 + 6.3	2.8/18.3	38051	1999 RQ ₂₂	2001 03 16.0	11 43.55 -00 40.6 19.3	-0.87 +13.6	0.8/17.0	38072
1999 TC ₁₈₁	2001 03 15.7	11 42.34 +00 24.6 19.2	-0.83 + 6.7	0.4/16.2	1502	2000 AR ₁₇₁	2001 03 16.0	11 43.60 -03 27.0 17.6	-0.78 + 6.7	1.4/17.9	8471
1999 VS ₃₆	2001 03 15.7	11 42.36 +07 03.7 18.3	-0.81 + 5.2	1.6/14.0	38817	4863 P-L	2001 03 16.0	11 43.64 +01 15.7 19.1	-0.82 + 6.9	0.2/16.2	2583
1999 VJ ₅₈	2001 03 15.7	11 42.37 +09 57.3 17.6	-1.02 + 5.3	3.4/13.2	10924	1999 TT ₇₃	2001 03 16.0	11 43.65 +02 19.5 18.7	-0.96 + 5.1	0.2/15.9	2115
1999 XL ₁₂₃	2001 03 15.7	11 42.37 -01 22.4 18.8	-1.04 + 4.6	1.2/16.7	692	1981 EA ₄₅	2001 03 16.0	11 43.74 -06 48.9 18.4	-1.06 + 4.4	3.6/18.6	1404
1999 VV ₂₄	2001 03 15.7	11 42.39 -13 13.6 18.5	-0.96 + 6.2	4.9/20.6	40392	1995 OZ ₂	2001 03 16.1	11 43.68 -09 53.3 18.6	-0.94 + 6.3	4.6/20.0	162
1998 QP ₇₁	2001 03 15.7	11 42.40 -16 51.8 18.1	-1.03 + 0.8	7.4/20.9	10862	2000 AO ₁₀₂	2001 03 16.1	11 43.68 +08 54.6 18.7	-0.95 + 7.7	2.3/13.7	40435
1991 LV	2001 03 15.7	11 42.41 -32 10.3 16.7	-1.09 + 9.2	14.6/29.7	9668	1999 RQ ₈₈	2001 03 16.1	11 43.68 -00 14.7 19.8	-0.92 + 8.3	0.7/16.8	5598
1999 XM ₆₄	2001 03 15.7	11 42.42 +10 17.1 20.0	-0.87 + 5.3	2.3/13.0	1551	1998 KS ₄₄	2001 03 16.1	11 43.71 +07 31.2 19.5	-1.01 + 7.5	2.1/14.2	1947
2027 T-2	2001 03 15.7	11 42.47 +00 06.7 19.1	-0.97 + 5.6	0.7/16.3	11065	1997 GM ₆	2001 03 16.1	11 43.80 -07 15.1 18.7	-0.80 + 7.8	2.8/19.2	33344
1999 XB ₂	2001 03 15.7	11 42.48 +03 13.6 18.0	-0.81 + 8.5	0.4/15.3	10932	1999 UA ₅₃	2001 03 16.1	11 43.82 +08 20.5 18.6	-0.77 + 9.1	2.1/13.7	10921
1999 XA ₁₃₀	2001 03 15.7	11 42.51 -03 40.4 17.7	-1.00 + 4.0	2.0/17.4	10939	1999 XV ₁₁₀	2001 03 16.1	11 43.82 -16 12.4 20.9	-0.80 + 5.7	4.7/22.5	40417
4673 T-3	2001 03 15.7	11 42.52 +12 58.1 20.1	-0.99 + 4.7	3.8/12.3	9938	1998 QU ₈₉	2001 03 16.1	11 43.90 -09 21.8 17.4	-0.73 + 6.8	3.4/20.1	10863
1998 QZ ₁₉	2001 03 15.7	11 42.60 -00 04.1 18.7	-0.79 + 6.7	0.6/16.4	38055	1999 XH ₁₆₇	2001 03 16.1	11 44.04 +05 18.9 19.3	-0.90 + 4.4	1.0/15.1	2701
2000 AM ₁₁₂	2001 03 15.7	11 42.65 -03 21.2 19.0	-0.71 + 4.8	1.3/17.6	2291	1999 XS ₂₁	2001 03 16.1	11 44.08 -02 08.8 18.6	-0.87 + 9.8	1.4/17.5	3468
1997 HA ₁	2001 03 15.7	11 42.68 +29 13.3 18.7	-1.08 - 0.2	10.9/07.5	10314	1999 XW ₄₁	2001 03 16.1	11 44.08 -01 32.2 20.6	-0.84 + 5.4	0.9/17.3	40410
1999 XT ₁₃₄	2001 03 15.8	11 42.60 +24 23.0 20.3	-0.89 + 5.3	6.0/08.1	40419	1999 TZ ₂₄₂	2001 03 16.1	11 44.12 +06 29.8 19.5	-0.90 + 7.6	1.5/14.6	2671
1995 UG ₂	2001 03 15.8	11 42.68 +03 57.7 20.0	-0.93 + 5.5	0.7/15.2	38035	1999 TE ₂₄₂	2001 03 16.2	11 44.04 +28 17.5 18.8	-0.97 + 3.8	9.2/07.1	10461
1999 VR ₁₅	2001 03 15.8	11 42.76 -01 34.2 18.8	-1.03 + 5.8	1.4/16.9	10922	1999 VF ₂₀	2001 03 16.2	11 44.08 +06 59.6 20.5	-0.88 + 4.8	1.5/14.5	673
1998 QU ₅₂	2001 03 15.8	11 42.76 -09 41.7 18.2	-0.76 + 4.5	3.1/19.7	40331	1999 XH ₁₅₃	2001 03 16.2	11 44.17 -07 27.4 18.6	-1.05 + 5.6	3.5/19.0	39331
2000 XH ₁₅	2001 03 15.8	11 42.77 +32 43.8 17.0	-1.66 - 9.5	14.7/10.6	10651	1988 CB ₄	2001 03 16.2	11 44.17 -10 58.2 18.2	-1.04 + 5.6	5.0/20.2	9665
1999 TU ₁₉₅	2001 03 15.8	11 42.85 -15 35.3 17.6	-0.88 + 3.9	7.3/21.5	10455	2000 YT ₁₂₃	2001 03 16.2	11 44.18 +05 03.1 17.5	-0.73 + 5.0	1.0/15.1	10666
1996 JX ₇	2001 03 15.8	11 42.92 +06 36.7 17.7	-0.75 + 5.3	1.8/14.3	10834	1999 XE ₅₃	2001 03 16.2	11 44.19 -00 07.7 19.3	-0.92 + 6.3	0.6/16.8	2696
1998 SR ₂₂	2001 03 15.8	11 42.93 +02 44.6 19.0	-0.77 + 3.5	0.2/15.6	10868	1998 QU ₄₂	2001 03 16.2	11 44.19 -03 55.6 17.6	-0.86 + 2.5	1.8/17.9	10861
1999 RB ₄₅	2001 03 15.8	11 42.98 +01 24.1 19.6	-0.96 + 5.6	0.1/16.0	10369	2000 AV ₁₃₈	2001 03 16.2	11 44.20 +21 57.4 18.0	-0.90 + 5.4	7.3/09.3	10946
1999 XG ₃₇	2001 03 15.8	11 43.01 +00 29.0 18.8	-0.77 + 8.8	0.4/16.4	10934	1981 EA ₁₉	2001 03 16.2	11 44.21 +02 39.1 18.3	-0.93 + 5.0	0.3/15.9	10823
1998 XX ₆	2001 03 15.8	11 43.01 +02 19.2 19.9	-0.71 + 4.9	0.1/15.7	5510	1998 SU ₁₀	2001 03 16.2	11 44.24 +01 20.8 18.7	-0.73 + 4.8	0.1/16.4	10867
1999 VF ₁	2001 03 15.8	11 43.01 -07 50.9 19.6	-0.91 + 6.2	3.0/19.1	8458	1998 QM ₄	2001 03 16.2	11 44.24 +23 43.5 18.7	-1.00 + 2.9	6.8/09.1	10859
1998 HJ ₉₈	2001 03 15.9	11 42.96 +02 05.8 17.8	-1.06 + 4.7	0.1/15.8	10853	1999 VP ₁₅₇	2001 03 16.2	11 44.25 -08 20.2 18.0	-0.87 + 8.6	3.8/19.8	683
1999 XW ₇₀	2001 03 15.9	11 42.97 -12 36.2 17.4	-0.75 + 6.0	4.7/21.0	10936	1995 WA ₃	2001 03 16.2	11 44.25 +20 24.7 19.1	-0.97 + 3.6	7.2/10.2	10833
1999 UM ₂₃	2001 03 15.9	11 43.05 -16 52.6 20.6	-0.83 + 8.6	5.1/22.9	39551	1999 XF ₇₃	2001 03 16.2	11 44.27 -00 31.0 18.6	-0.80 + 5.9	0.7/17.0	5670
1999 TH ₁₅₇	2001 03 15.9	11 43.05 +05 13.8 17.4	-1.13 - 1.1	1.4/15.1	10912	1999 SZ ₁	2001 03 16.2	11 44.27 -12 08.7 17.3	-0.91 +21.3	5.7/21.9	40373
1999 VW ₂₁₉	2001 03 15.9	11 43.06 -06 47.4 19.3	-0.80 + 9.1	2.7/19.0	2184	1995 YO ₇	2001 03 16.2	11 44.28 -16 08.4 18.9	-0.85 + 7.1	5.7/22.6	10833

1996 YA ₃	2001 03 16.2	11 44.29 +04 22.3 18.8	-0.96 + 5.8	1.1/15.4	2625	1999 XS ₁₂₁	2001 03 16.7	11 45.98 +04 13.5 17.8	-1.03 + 5.2	1.1/15.9	37943
1999 XE ₁₇₈	2001 03 16.2	11 44.35 -10 37.0 19.2	-0.77 + 3.2	3.0/20.2	40424	1999 SP ₅	2001 03 16.7	11 45.99 +27 44.7 19.2	-1.38 - 1.4	9.2/10.2	40374
1999 TF ₁₉₄	2001 03 16.2	11 44.43 +08 00.8 18.2	-1.08 + 0.6	2.3/14.6	10913	1998 RB ₇₃	2001 03 16.7	11 46.00 +02 29.8 18.5	-1.07 + 4.2	0.3/16.4	10334
1999 TO ₇	2001 03 16.3	11 44.45 +22 54.6 18.1	-0.96 + 3.1	6.4/09.6	10904	1999 XV ₅₀	2001 03 16.7	11 46.05 +09 09.9 20.5	-0.84 + 5.3	2.2/14.3	38141
1998 RT ₄₉	2001 03 16.3	11 44.48 +04 36.8 18.9	-0.98 + 2.5	0.9/15.5	33350	1999 VG ₅₃	2001 03 16.7	11 46.07 +06 07.9 19.1	-0.89 + 4.5	1.4/15.3	1524
1994 PY ₂₅	2001 03 16.3	11 44.51 +03 31.7 19.0	-0.86 + 5.9	0.6/15.7	10831	1998 ST ₁₆₀	2001 03 16.7	11 46.09 +00 59.2 18.5	-0.76 + 5.6	0.2/16.9	10871
1998 MV ₃₁	2001 03 16.3	11 44.63 +24 13.0 18.1	-0.99 + 7.2	8.6/08.0	10857	2000 AW ₄₉	2001 03 16.7	11 46.09 -00 09.3 18.5	-0.79 + 4.9	0.5/17.3	10944
2000 AQ ₁₁	2001 03 16.3	11 44.72 +02 47.5 19.2	-0.87 + 4.7	0.4/16.0	10943	1999 RH ₂₀₈	2001 03 16.7	11 46.12 -12 37.3 19.0	-1.01 + 2.7	4.7/21.0	10401
1996 HH ₂₁	2001 03 16.3	11 44.75 +05 03.2 19.1	-0.74 + 5.0	0.9/15.2	10834	1999 TG ₁₇₂	2001 03 16.7	11 46.16 +09 26.0 19.4	-0.91 + 5.3	2.6/14.2	1166
1999 XN ₁₁	2001 03 16.3	11 44.75 +08 28.9 19.1	-0.98 + 3.7	2.4/14.3	10532	3312 T-1	2001 03 16.7	11 46.29 +01 35.3 18.8	-0.88 + 4.9	0.0/16.8	11065
1999 XX ₂₃	2001 03 16.3	11 44.79 -07 42.2 19.2	-0.94 + 6.6	3.2/19.4	3468	1999 WS ₁₆	2001 03 16.8	11 46.26 +07 58.9 18.9	-0.95 + 3.0	2.4/14.9	10528
1999 RS ₂₉	2001 03 16.3	11 44.81 -21 13.7 19.6	-1.27 0.0	8.0/22.6	38073	1999 RQ ₂	2001 03 16.8	11 46.27 -17 14.1 18.2	-0.89 +19.3	8.1/24.6	40354
1996 TG ₄₁	2001 03 16.3	11 44.85 +05 24.8 20.1	-1.07 + 5.9	1.5/15.3	6743	1977 QO ₃	2001 03 16.8	11 46.35 -00 21.2 18.2	-0.93 + 6.0	0.6/17.4	10822
1998 HS ₉₉	2001 03 16.3	11 44.86 +01 20.4 19.0	-0.95 + 8.4	0.1/16.5	9075	1997 HR ₇	2001 03 16.8	11 46.37 +01 01.4 18.9	-0.87 + 4.5	0.1/17.0	10841
1998 QN ₂₅	2001 03 16.4	11 44.78 -06 03.4 17.7	-1.02 + 1.9	2.6/18.5	38055	1999 WT ₁₄	2001 03 16.8	11 46.38 -17 40.0 18.1	-0.73 + 6.9	6.2/24.0	1545
1999 VU ₁₂	2001 03 16.4	11 44.82 +16 49.8 18.0	-0.88 + 4.2	4.7/11.5	10484	1999 TA ₁₆₄	2001 03 16.8	11 46.55 +10 09.8 17.8	-0.88 + 9.5	3.5/13.8	10912
1999 XW ₂₀	2001 03 16.4	11 44.83 +17 02.5 19.8	-1.00 + 1.7	5.0/12.0	2695	2000 AH ₁₅	2001 03 16.8	11 46.60 -04 42.8 18.3	-0.83 + 4.7	1.9/18.9	2709
1999 VQ ₈	2001 03 16.4	11 44.88 +20 20.6 20.3	-0.91 + 4.1	5.2/10.4	40389	1999 SP ₃	2001 03 16.8	11 46.63 -36 49.0 20.1	-1.06 + 2.0	9.4/30.7	39551
3041 T-3	2001 03 16.4	11 44.93 +09 35.9 18.2	-0.89 + 4.6	2.9/13.9	11067	1999 TN ₂₄₂	2001 03 16.8	11 46.64 +08 02.9 19.3	-0.87 + 7.2	2.2/14.7	1511
1999 VP ₃₅	2001 03 16.4	11 44.94 -06 52.4 18.1	-0.88 + 6.7	2.9/19.2	40393	1995 UY ₄₄	2001 03 16.8	11 46.67 +12 21.8 18.9	-0.97 + 3.7	3.4/13.6	38035
1998 QO ₈₇	2001 03 16.4	11 45.09 -14 24.6 18.6	-0.77 + 4.5	4.4/21.9	40332	1999 RV ₁₁	2001 03 16.8	11 46.68 -16 19.2 17.7	-1.27 + 0.3	6.2/21.5	10361
1998 QK ₂₂	2001 03 16.4	11 45.10 -14 23.0 19.7	-0.95 + 2.4	4.9/21.2	5492	1999 RA ₂₀₄	2001 03 16.9	11 46.62 -09 40.4 17.2	-1.42 - 4.4	4.4/19.1	9152
1998 QA ₄	2001 03 16.4	11 45.20 -01 08.1 21.7	-0.90 + 3.1	0.8/17.3	33080	1994 PV ₇	2001 03 16.9	11 46.69 +02 40.9 20.3	-0.87 + 5.7	0.4/16.5	31239
1999 VF ₆₁	2001 03 16.5	11 45.14 +06 21.8 19.1	-0.94 + 5.5	1.5/15.0	40397	1999 WD ₂	2001 03 16.9	11 46.76 +09 10.7 18.7	-0.91 + 5.2	2.8/14.5	10525
1998 RC ₂₃	2001 03 16.5	11 45.18 +12 40.0 19.4	-0.80 + 8.5	3.3/12.5	3897	1998 UY ₃₀	2001 03 16.9	11 46.84 +05 40.0 18.6	-0.68 + 6.0	1.1/15.5	10873
1998 UD ₂₀	2001 03 16.5	11 45.23 +07 00.1 19.4	-0.70 + 5.2	1.3/14.7	34307	2000 AC ₁₀₀	2001 03 16.9	11 46.85 +03 04.6 19.4	-0.85 + 6.8	0.5/16.4	10945
1999 YJ ₇	2001 03 16.5	11 45.23 +10 08.9 19.7	-0.89 + 5.8	2.7/13.7	1224	1999 TK ₁₅₂	2001 03 16.9	11 46.86 -01 27.6 18.6	-0.92 + 7.7	1.0/17.9	2127
1999 TY ₂₇₃	2001 03 16.5	11 45.24 +05 34.5 18.0	-0.92 + 3.9	1.2/15.3	10917	1999 UJ ₄	2001 03 16.9	11 46.93 -00 17.9 19.4	-0.87 + 8.6	0.6/17.6	40384
1999 XE ₁₁	2001 03 16.5	11 45.28 -01 10.5 18.7	-1.05 + 4.8	1.0/17.3	40404	1999 TC ₁₅₀	2001 03 16.9	11 46.99 +05 56.5 18.4	-0.83 + 7.7	1.8/15.4	10911
2000 AW ₁₀₀	2001 03 16.5	11 45.31 +23 48.0 19.3	-0.92 + 4.3	6.6/09.2	1562	1999 TV ₂₆	2001 03 16.9	11 47.04 +00 31.2 19.4	-0.94 + 5.6	0.3/17.3	40381
1999 UJ ₁₁	2001 03 16.5	11 45.34 +23 35.0 20.9	-1.02 + 2.4	6.3/09.9	40385	2001 BB ₄₄	2001 03 17.0	11 46.99 +11 06.6 17.8	-0.80 + 7.3	4.0/13.6	10709
1999 TX ₁₈	2001 03 16.5	11 45.35 -02 02.3 19.4	-0.98 + 7.3	1.2/17.7	1117	2000 AA ₇₁	2001 03 17.0	11 46.99 +15 36.1 18.1	-0.74 + 5.5	4.2/12.0	10577
1998 SR ₁₃₇	2001 03 16.5	11 45.40 +10 50.5 18.7	-0.76 + 4.5	2.4/13.5	8416	3247 T-3	2001 03 17.0	11 47.01 +01 55.4 19.8	-0.93 + 7.3	0.2/16.8	11067
1999 XE ₉₆	2001 03 16.5	11 45.41 -12 20.2 17.9	-0.86 + 5.4	4.6/21.2	10937	1999 WT ₂	2001 03 17.0	11 47.01 +01 11.6 20.5	-0.83 + 5.0	0.1/17.1	10931
1999 LL ₃₁	2001 03 16.5	11 45.41 +25 43.7 16.1	-0.99 +17.9	9.8/06.5	10884	1999 UQ ₁₆	2001 03 17.0	11 47.03 -09 48.6 19.9	-0.82 + 7.2	3.3/20.9	40386
1998 QL ₄₆	2001 03 16.6	11 45.51 -05 21.7 18.6	-1.06 + 0.9	2.4/18.4	10861	2000 AA ₁₄₀	2001 03 17.0	11 47.08 -01 14.1 19.8	-0.84 + 7.2	0.8/17.9	700
A913 CF	2001 03 16.6	11 45.51 -02 24.5 18.9	-0.72 + 7.0	1.1/18.0	38016	1999 XN ₅₃	2001 03 17.0	11 47.08 -17 52.3 17.7	-0.80 + 6.6	7.4/23.9	2696
1998 QR ₄₆	2001 03 16.6	11 45.52 +01 02.5 19.0	-0.80 + 6.6	0.2/16.8	10861	1981 EU ₁₀	2001 03 17.0	11 47.09 -05 41.2 19.1	-1.04 + 3.9	3.2/19.1	26916
2001 BB ₆₆	2001 03 16.6	11 45.56 +08 04.4 18.2	-0.81 + 6.7	1.9/14.4	10725	1999 VM ₂₄	2001 03 17.0	11 47.11 -32 02.4 17.5	-1.02 + 4.3	12.2/29.2	8459
1999 TG ₁₇	2001 03 16.6	11 45.57 +16 05.0 18.5	-0.90 + 4.6	4.3/11.9	10421	1997 GH ₇	2001 03 17.0	11 47.17 +07 06.3 18.7	-0.85 + 5.4	2.0/15.2	10840
1999 VB ₂₉	2001 03 16.6	11 45.67 +01 34.6 18.9	-1.00 + 6.2	0.0/16.6	10923	1998 SK ₁₄	2001 03 17.0	11 47.17 +01 22.8 19.9	-0.91 + 1.5	0.0/17.0	35716
1998 RS	2001 03 16.6	11 45.69 -02 19.0 18.1	-0.68 + 8.2	1.0/18.1	40333	1999 UX ₇	2001 03 17.0	11 47.21 +12 34.7 18.2	-1.01 + 4.0	4.5/13.6	10468
1999 VQ ₇₀	2001 03 16.6	11 45.75 +07 49.1 20.3	-0.97 + 5.5	2.1/14.7	3922	1999 TN	2001 03 17.0	11 47.31 -04 55.4 19.2	-0.89 + 7.8	2.1/19.2	5626
1999 WL ₁₁	2001 03 16.6	11 45.79 +22 26.7 17.8	-1.01 + 2.9	6.7/10.1	10932	1999 RV ₁₆₉	2001 03 17.0	11 47.37 -02 01.8 19.7	-0.99 + 6.0	1.2/18.1	40369
1998 UK ₂₄	2001 03 16.6	11 45.80 -13 24.4 18.8	-0.93 + 2.7	4.8/21.1	10873	1999 RK ₉	2001 03 17.1	11 47.44 +00 59.9 18.5	-1.04 + 5.6	0.1/17.2	10888
1998 RY ₆₃	2001 03 16.6	11 45.86 +05 03.0 18.4	-0.69 + 7.0	1.0/15.4	10866	1998 QR ₃₆	2001 03 17.1	11 47.51 +02 16.8 17.8	-0.80 + 9.7	0.3/16.8	10861
1998 QL	2001 03 16.6	11 45.88 +03 27.8 18.8	-0.83 + 4.4	0.6/16.1	10859	1999 WF ₁₃	2001 03 17.1	11 47.61 -01 11.0 19.8	-1.02 + 6.8	1.0/17.9	3922
1999 VE ₄₇	2001 03 16.6	11 45.88 +22 29.4 18.4	-1.01 + 2.8	6.6/10.2	40394	1992 RO ₃	2001 03 17.1	11 47.70 +01 03.7 18.6	-0.77 + 5.1	0.1/17.3	10828
1999 XB ₁₁₇	2001 03 16.6	11 45.90 +20 42.8 19.0	-0.95 + 2.7	5.8/10.8	40417	1999 TC ₂₅₆	2001 03 17.1	11 47.72 -04 21.0 20.4	-0.94 + 7.3	1.9/19.1	2672
1998 MF ₄₈	2001 03 16.6	11 45.95 +07 09.8 19.6	-0.95 + 6.7	2.0/14.9	6806	1998 KL ₃₃	2001 03 17.1	11 47.77 +13 00.2 18.6	-1.05 + 3.7	5.2/13.7	10856
1999 UB ₅	2001 03 16.6	11 45.95 -09 07.5 19.8	-0.88 + 6.2	3.7/20.2	4534	1998 HR ₁₂₅	2001 03 17.1	11 47.77 +03 55.1 18.9	-0.93 +10.1	1.1/16.3	10854

6602 P-L	2001 03 17.1	11 47.78 +04 36.1 19.1	-1.09 + 4.2	1.2/16.3	37341	1999 XC ₁₉₆	2001 03 17.5	11 49.18 -07 12.6 19.1	-0.80 + 3.4	2.3/20.3	38858
1992 WV ₁	2001 03 17.2	11 47.72 +07 24.6 18.1	-0.99 + 5.3	2.3/15.3	10828	1999 VR ₇₂	2001 03 17.5	11 49.24 +15 55.0 19.2	-0.93 + 4.1	4.6/13.0	10503
1999 XL ₆₄	2001 03 17.2	11 47.77 +01 27.7 18.0	-0.75 + 5.0	0.0/17.2	10545	1999 VT ₉	2001 03 17.5	11 49.24 +26 44.1 17.0	-0.92 + 4.6	9.0/08.8	10921
1999 TO	2001 03 17.2	11 47.78 +00 05.9 19.3	-0.94 + 6.0	0.4/17.6	40375	1979 MO ₂	2001 03 17.6	11 49.16 -04 38.5 18.1	-1.00 + 7.6	2.3/19.5	38017
1999 TU ₁₀₂	2001 03 17.2	11 47.80 +10 15.4 18.0	-0.74 + 8.7	2.5/14.0	10434	1992 RK ₂	2001 03 17.6	11 49.18 -01 52.4 17.9	-0.98 + 6.1	1.2/18.6	9671
1998 QB ₄₀	2001 03 17.2	11 47.86 +05 11.0 18.6	-0.77 + 7.4	1.1/15.9	10861	1999 WE ₁₈	2001 03 17.6	11 49.18 -09 08.6 19.9	-0.95 + 7.3	3.6/21.0	1545
1999 XJ ₁₆₁	2001 03 17.2	11 47.90 -11 35.8 18.4	-0.92 + 2.9	3.8/21.1	9782	1999 VK ₂₁₁	2001 03 17.6	11 49.23 +09 21.1 19.5	-1.05 + 4.1	2.9/15.2	2692
1995 WA ₁₃	2001 03 17.2	11 47.92 +08 56.9 19.1	-0.87 + 6.4	2.7/14.7	10833	1999 XJ ₁₈₇	2001 03 17.6	11 49.27 +18 35.6 17.3	-0.82 + 3.8	4.8/11.8	10941
1998 TM	2001 03 17.2	11 47.96 -10 05.0 18.8	-0.71 + 5.4	2.9/21.2	38520	2000 AY ₂₀	2001 03 17.6	11 49.34 +01 51.4 20.3	-0.79 + 4.6	0.2/17.4	10943
2000 AC ₂₀₀	2001 03 17.2	11 48.03 +12 17.9 19.0	-0.78 + 8.6	3.4/13.3	10948	1999 WU ₄	2001 03 17.6	11 49.35 -08 34.4 18.1	-0.98 + 4.8	3.4/20.6	9775
1998 QR ₄₈	2001 03 17.2	11 48.08 -00 18.6 20.0	-0.84 + 5.3	0.4/17.8	33084	1999 TD ₁₇₅	2001 03 17.6	11 49.37 -05 46.5 20.0	-0.88 + 6.4	2.2/20.0	1169
1993 TU ₁₅	2001 03 17.2	11 48.09 +00 31.0 18.7	-0.75 + 5.3	0.2/17.5	10830	1997 ED ₂₃	2001 03 17.6	11 49.50 +01 11.8 17.7	-0.92 + 4.0	0.0/17.7	10839
1998 TP ₁₉	2001 03 17.2	11 48.09 -13 48.3 18.0	-0.67 + 8.0	4.4/22.9	10872	1999 VV ₆₇	2001 03 17.6	11 49.58 +04 09.0 18.6	-0.78 + 5.1	1.0/16.7	10925
1999 YB ₆	2001 03 17.2	11 48.10 -28 27.2 19.6	-1.14 + 1.2	8.2/26.7	2706	1998 RH ₄₁	2001 03 17.6	11 49.59 -02 10.3 19.1	-0.88 + 3.3	1.0/18.7	10865
1998 OT ₁₀	2001 03 17.2	11 48.13 -03 01.7 18.3	-0.84 + 4.7	1.4/18.7	38471	4326 P-L	2001 03 17.7	11 49.64 -02 44.0 21.6	-0.86 + 5.4	1.1/19.0	34265
1999 XG ₂₀	2001 03 17.2	11 48.16 +23 02.1 17.7	-1.02 + 1.3	8.6/10.7	10934	1998 MA ₄₇	2001 03 17.7	11 49.71 +03 42.4 19.7	-0.85 + 5.7	0.8/16.9	10858
1998 SC ₂₉	2001 03 17.3	11 48.08 +06 57.0 19.8	-0.78 + 3.7	1.5/15.5	10868	1999 VT ₄₈	2001 03 17.7	11 49.73 +04 04.4 17.7	-0.93 + 2.0	1.0/16.9	10924
1991 SE ₂	2001 03 17.3	11 48.10 +01 53.6 18.0	-0.94 + 7.0	0.2/17.1	10827	1994 RA	2001 03 17.7	11 49.77 +01 19.8 18.8	-0.76 + 8.1	0.1/17.7	2619
1991 BZ	2001 03 17.3	11 48.11 -07 49.3 18.0	-0.85 + 4.8	2.7/20.3	39515	2000 AR ₁₃₉	2001 03 17.7	11 49.88 +24 01.2 18.3	-0.93 + 4.9	7.2/10.0	10584
1999 XG ₂₁₂	2001 03 17.3	11 48.20 +12 15.9 18.8	-0.97 + 6.8	3.7/13.7	10941	1999 RY ₁₄₁	2001 03 17.7	11 49.94 -00 42.9 18.9	-0.98 + 7.3	0.7/18.4	10895
1999 VW ₅₀	2001 03 17.3	11 48.21 +12 56.3 18.3	-0.91 + 3.3	4.0/13.7	10924	1999 VB ₈₁	2001 03 17.8	11 49.94 -00 56.4 17.9	-0.89 + 9.5	0.8/18.5	8461
1998 SL ₁₅₆	2001 03 17.3	11 48.21 -03 39.8 17.8	-0.77 + 8.3	1.8/19.1	8416	1999 XW ₁₀₆	2001 03 17.8	11 49.95 +11 45.5 19.7	-0.93 + 3.2	3.2/14.6	40416
1999 RO ₁₀₈	2001 03 17.3	11 48.23 -07 34.4 20.3	-0.89 + 6.0	2.7/20.3	1455	1999 YL ₄	2001 03 17.8	11 49.95 +05 47.8 19.9	-0.78 + 5.2	1.4/16.2	39336
1999 RD ₂₁₀	2001 03 17.3	11 48.23 -04 54.0 18.5	-0.97 + 4.6	2.0/19.2	40373	1999 TM ₃₃	2001 03 17.8	11 49.96 +03 54.3 18.7	-1.01 + 3.8	1.1/17.0	1474
1998 NH	2001 03 17.3	11 48.25 +16 23.4 18.5	-0.80 + 7.1	4.6/12.0	10858	1999 TF ₃₉	2001 03 17.8	11 50.03 +16 06.8 19.1	-0.81 + 4.5	4.5/12.9	2660
1998 SV ₄₉	2001 03 17.3	11 48.28 +05 43.7 18.7	-0.77 + 3.8	1.3/15.9	10868	1992 PC ₃	2001 03 17.8	11 50.03 -16 34.8 17.4	-0.77 + 4.0	4.6/23.7	10828
1997 GX ₁₄	2001 03 17.3	11 48.46 +04 46.3 18.5	-0.99 + 2.8	1.1/16.4	10840	1999 XT ₂₈	2001 03 17.8	11 50.05 +10 48.0 18.1	-0.83 + 5.5	3.2/14.6	10934
1999 RC ₂₁₁	2001 03 17.3	11 48.50 -05 09.9 17.4	-1.01 + 2.5	2.3/19.2	10900	1999 VB ₁₈₀	2001 03 17.8	11 50.06 +02 12.4 20.3	-0.76 + 9.0	0.3/17.4	6261
1999 XC ₆₂	2001 03 17.4	11 48.48 +03 38.8 20.1	-0.94 + 6.4	0.8/16.6	38144	1999 VJ ₁₁	2001 03 17.8	11 50.08 +10 10.9 18.5	-0.92 + 4.6	2.9/15.0	10921
1998 MK ₃₃	2001 03 17.4	11 48.54 +18 20.2 20.0	-0.83 + 6.2	4.7/11.4	10857	1999 XO ₄₀	2001 03 17.8	11 50.14 +05 31.5 19.5	-0.94 + 5.2	1.4/16.5	40410
1981 EG ₂₀	2001 03 17.4	11 48.57 -01 30.3 18.3	-0.84 + 3.5	0.8/18.3	26918	1999 TZ ₆₇	2001 03 17.8	11 50.17 +05 20.1 21.1	-0.92 + 5.7	1.4/16.5	6255
1999 VA ₁₈₄	2001 03 17.4	11 48.58 +03 00.5 20.9	-0.90 + 6.2	0.6/16.9	10930	1997 AG ₇	2001 03 17.8	11 50.17 -00 52.4 19.0	-0.93 + 7.6	0.8/18.5	30690
1999 XQ ₁₀₆	2001 03 17.4	11 48.59 -09 10.9 17.4	-0.92 + 6.3	4.6/20.8	10937	2000 AK ₁₈₈	2001 03 17.8	11 50.21 +13 17.0 19.5	-0.78 + 7.6	3.4/13.5	1565
1999 RG ₁₀₇	2001 03 17.4	11 48.60 -01 19.4 18.7	-0.94 + 5.6	1.0/18.2	10893	1998 QX ₅	2001 03 17.8	11 50.23 +09 02.4 17.3	-1.04 + 2.5	2.8/15.6	33347
2000 AU ₇₀	2001 03 17.4	11 48.68 -00 56.2 18.8	-0.80 + 6.6	0.7/18.2	3489	2000 AN ₄₆	2001 03 17.8	11 50.23 +03 59.6 18.1	-0.74 + 5.2	0.9/16.9	5686
1999 XB ₅₆	2001 03 17.4	11 48.68 +11 44.6 18.4	-0.86 + 4.6	3.5/14.1	10936	1999 XB ₁₁₀	2001 03 17.8	11 50.26 +06 10.9 19.1	-0.86 + 6.2	1.6/16.2	38848
1997 AD ₁₅	2001 03 17.4	11 48.68 +10 10.5 19.1	-0.98 + 6.1	3.3/14.6	10837	2000 YD ₁₃₃	2001 03 17.8	11 50.32 -01 35.4 17.7	-0.82 + 4.2	0.9/18.7	10669
1999 XM ₂₆₀	2001 03 17.4	11 48.72 -08 14.4 18.3	-0.81 + 4.0	3.1/20.5	2706	1999 TC ₁₄₆	2001 03 17.8	11 50.36 -00 01.5 17.1	-1.09 - 0.5	0.5/18.2	10911
1999 VA ₃₃	2001 03 17.4	11 48.75 +00 05.4 18.3	-0.78 + 5.3	0.4/17.8	10491	2000 AD ₁₇₄	2001 03 17.9	11 50.30 +13 40.9 16.9	-0.70 + 7.1	3.8/13.3	10947
1999 XM ₁₁₉	2001 03 17.4	11 48.76 -05 10.7 19.1	-1.03 + 5.2	2.4/19.4	2699	1981 UB ₂₃	2001 03 17.9	11 50.32 +04 42.2 17.5	-0.82 + 5.9	1.1/16.7	10824
2000 AW ₁₈₇	2001 03 17.4	11 48.77 +15 37.3 20.2	-0.73 + 6.5	3.8/12.4	6266	1998 QE ₇₇	2001 03 17.9	11 50.37 -08 26.2 19.3	-0.79 + 6.6	2.6/21.2	3248
2001 CQ ₃₅	2001 03 17.4	11 48.77 +51 20.0 18.9	-1.41 - 1.2	23.1/28.0	10782	1997 GM ₃₃	2001 03 17.9	11 50.38 -06 10.5 18.2	-0.79 + 9.4	2.3/20.5	2627
1998 VD ₂₆	2001 03 17.4	11 48.85 -15 57.0 19.0	-0.68 + 5.5	4.0/23.6	1986	1998 RD ₆₅	2001 03 17.9	11 50.42 -00 20.3 18.8	-0.76 + 4.8	0.4/18.4	10866
1999 XW ₁₀	2001 03 17.5	11 48.82 -03 17.7 16.3	-1.05 + 3.9	1.9/18.8	10933	1999 TA ₉₈	2001 03 17.9	11 50.42 +19 33.4 17.2	-1.09 + 1.8	7.6/12.6	10908
2000 AU ₂₁₄	2001 03 17.5	11 48.92 +17 35.4 19.1	-0.79 + 4.4	4.6/12.0	2725	1998 QF ₉₁	2001 03 17.9	11 50.42 +11 18.6 18.4	-0.95 + 2.9	3.1/14.8	10863
1998 QA ₉₆	2001 03 17.5	11 48.93 -28 29.5 22.1	-0.81 + 2.0	5.9/27.7	33562	2000 AJ ₁₃₉	2001 03 17.9	11 50.46 +22 17.9 18.0	-0.91 + 4.4	6.7/10.9	10583
1999 XH ₁₂₃	2001 03 17.5	11 48.94 +05 42.4 18.7	-1.00 + 3.5	1.5/16.2	1555	1999 XF ₈	2001 03 17.9	11 50.48 +17 00.3 17.8	-0.74 + 5.1	4.6/12.4	10933
1999 VO ₇₇	2001 03 17.5	11 48.96 +09 23.9 18.1	-1.02 + 3.4	2.9/15.1	2683	3314 T-1	2001 03 17.9	11 50.50 -05 27.4 17.7	-0.76 +10.6	2.3/20.0	11065
2000 AT ₁₈₆	2001 03 17.5	11 49.10 +09 06.0 18.9	-0.88 + 7.9	2.6/14.9	10948	1998 QC ₂₆	2001 03 17.9	11 50.51 -00 37.3 18.0	-0.86 + 4.5	0.5/18.5	10860
1999 TW ₂₉₁	2001 03 17.5	11 49.11 -28 01.3 18.8	-0.73 + 7.9	8.0/29.6	2675	1978 VO	2001 03 17.9	11 50.62 +00 41.8 21.2	-0.78 + 4.2	0.1/18.1	38429
1999 XB ₂₁₂	2001 03 17.5	11 49.12 -02 04.8 18.6	-0.81 + 2.4	0.9/18.6	5679	1999 WW ₂	2001 03 17.9	11 50.65 +07 05.3 19.1	-0.92 + 5.7	1.9/16.0	2693

1995 SD ₅₃	2001 03 18.0	11 50.73 +00 46.2 18.6	-0.88 + 7.7	0.1/18.1	40309	1998 FH ₇₅	2001 03 18.4	11 52.24 +01 40.4 18.0	-1.00 + 7.5	0.3/18.2	10848
1993 FV ₄₅	2001 03 18.0	11 50.76 +02 09.0 18.4	-0.87 + 7.5	0.4/17.6	10829	1999 XV ₆	2001 03 18.4	11 52.24 +00 19.4 18.2	-1.01 + 5.8	0.2/18.6	10932
1999 VV ₁₁₄	2001 03 18.0	11 50.77 +05 40.6 17.4	-1.05 + 1.5	1.6/16.8	10928	1998 KZ ₁₅	2001 03 18.4	11 52.24 +11 34.7 19.5	-1.00 + 7.2	4.0/14.9	10855
1999 VP ₁₉	2001 03 18.0	11 50.82 +09 14.6 19.9	-1.00 + 5.0	2.8/15.5	1521	2000 AK ₁₉₉	2001 03 18.4	11 52.29 +28 56.3 18.4	-0.93 + 5.3	9.5/08.3	10948
1999 VH ₁₆₁	2001 03 18.0	11 50.85 -05 46.6 21.8	-0.93 + 6.5	2.1/20.2	2687	1999 XF ₁₂₇	2001 03 18.4	11 52.35 -25 28.5 19.4	-0.91 + 9.2	7.6/28.6	692
1999 VG ₂₀₀	2001 03 18.0	11 50.89 +01 30.8 17.9	-0.67 +10.7	0.2/17.9	10522	1999 UR ₅₁	2001 03 18.4	11 52.39 +03 50.3 19.8	-0.89 + 8.5	1.0/17.4	10921
2000 AT ₂₀₀	2001 03 18.0	11 50.98 +02 34.1 19.0	-0.77 + 8.5	0.5/17.5	1566	1999 XQ ₄₄	2001 03 18.4	11 52.42 -11 28.1 17.7	-0.96 + 6.4	5.1/22.4	9283
1999 XH ₉₅	2001 03 18.0	11 51.00 -11 49.8 19.0	-0.82 + 3.6	3.7/22.2	37922	1999 TH ₁₉₈	2001 03 18.4	11 52.44 +29 18.9 19.0	-1.16 - 0.3	9.3/10.2	10914
1998 SN ₁₀₈	2001 03 18.0	11 51.03 -05 24.0 18.3	-0.69 + 5.9	1.7/20.3	38063	1999 XG ₉	2001 03 18.4	11 52.49 -04 46.1 19.7	-0.93 + 6.3	1.9/20.3	4950
1993 TU ₉	2001 03 18.0	11 51.05 -04 13.1 18.7	-0.77 + 4.6	1.7/19.8	1886	1995 YW ₁	2001 03 18.5	11 52.54 +10 14.2 19.9	-0.93 + 4.0	2.8/15.6	37653
1999 XS ₈₈	2001 03 18.1	11 51.03 -10 56.3 17.3	-0.88 + 5.1	4.1/21.9	10937	1994 PK ₁₄	2001 03 18.5	11 52.61 -06 31.4 19.4	-0.88 + 4.1	2.2/20.8	38032
2000 AE ₂₃₂	2001 03 18.1	11 51.05 +03 22.5 19.8	-0.73 + 4.6	0.6/17.3	3500	1997 JZ ₇	2001 03 18.5	11 52.69 -09 33.1 17.2	-0.78 + 9.3	3.6/22.3	10841
1999 XV ₉₉	2001 03 18.1	11 51.09 +07 06.5 18.4	-0.90 + 5.6	2.0/16.1	9780	2001 CX ₂₆	2001 03 18.5	11 52.70 +18 01.5 18.6	-0.70 + 6.8	4.7/12.1	10773
1999 RQ ₁₇₀	2001 03 18.1	11 51.09 -00 40.9 17.5	-1.05 + 3.4	0.7/18.6	10897	1998 HX ₈₉	2001 03 18.5	11 52.77 +03 09.9 18.1	-1.06 + 4.8	0.9/17.9	36533
1999 TT ₂₄₇	2001 03 18.1	11 51.09 +01 43.1 19.8	-0.93 + 8.5	0.3/17.9	1188	1999 XD ₁₄₁	2001 03 18.5	11 52.80 -11 05.5 20.5	-0.87 + 8.9	4.0/22.8	2700
1994 TR ₁	2001 03 18.1	11 51.12 -07 39.2 18.6	-0.83 + 7.8	2.5/21.1	33551	1999 SL ₁₁	2001 03 18.5	11 52.82 +13 21.9 17.3	-0.94 + 4.5	5.0/14.6	10902
1999 TM ₂₁₈	2001 03 18.1	11 51.13 +02 58.9 20.4	-0.94 + 5.2	0.7/17.5	4533	1998 QQ ₆₀	2001 03 18.5	11 52.83 -17 42.7 20.1	-0.86 + 2.3	4.9/24.4	38784
1999 VY ₆	2001 03 18.1	11 51.13 +19 12.4 18.9	-0.88 + 7.0	5.6/11.8	40388	1999 TR ₈₉	2001 03 18.6	11 52.87 +07 25.3 18.4	-0.97 + 8.0	2.4/16.4	10907
1999 XO ₉₁	2001 03 18.1	11 51.17 -13 20.3 19.0	-0.76 + 4.3	3.8/22.9	10937	1999 RQ ₂₄₉	2001 03 18.6	11 52.91 -17 50.4 19.2	-1.00 + 5.5	6.7/24.9	2657
2000 YX ₁₀₄	2001 03 18.1	11 51.21 +18 59.0 17.5	-0.81 + 8.8	7.0/11.6	11019	1999 XD ₁₄₅	2001 03 18.6	11 53.04 -03 34.8 19.1	-0.86 + 6.5	1.8/20.1	3475
1999 TJ ₅	2001 03 18.1	11 51.23 -00 18.5 18.4	-1.05 + 5.2	0.5/18.5	10904	1999 XJ ₁₂₄	2001 03 18.6	11 53.11 +07 28.4 20.4	-0.94 + 3.8	2.1/16.6	1555
3039 T-3	2001 03 18.1	11 51.23 +03 54.9 18.8	-0.83 + 6.3	1.0/17.2	11067	1993 QL ₇	2001 03 18.6	11 53.12 +03 58.3 18.8	-0.78 + 5.9	1.0/17.6	10829
1999 XQ ₁₉₄	2001 03 18.1	11 51.24 +18 59.2 18.0	-0.84 + 3.6	5.5/12.1	10941	2357 T-3	2001 03 18.6	11 53.16 -03 25.8 20.7	-0.92 + 7.4	1.4/20.1	2594
1999 VO ₁₈₄	2001 03 18.1	11 51.32 +09 43.1 19.2	-0.91 + 4.7	2.9/15.4	1541	1999 VA ₁₆₂	2001 03 18.6	11 53.17 +18 44.0 17.6	-1.05 - 0.6	7.4/13.7	10514
1999 XW ₁₁₅	2001 03 18.1	11 51.33 -04 42.4 18.9	-0.93 + 5.0	1.8/20.0	40417	2001 AC ₁₈	2001 03 18.6	11 53.19 +17 02.0 17.5	-0.57 +13.6	6.1/11.7	11025
1994 TA ₁	2001 03 18.1	11 51.33 +33 04.7 18.6	-1.28 - 1.6	8.9/09.3	9678	2001 BE ₄₄	2001 03 18.6	11 53.19 +12 44.6 18.7	-0.80 + 8.6	4.5/14.4	10709
1999 XD ₁₂₁	2001 03 18.1	11 51.37 +15 00.6 19.4	-0.90 + 3.6	4.3/13.8	10555	1999 VE ₂₃	2001 03 18.6	11 53.19 +16 01.2 17.5	-0.93 + 4.2	4.8/13.9	10922
1999 XO ₂₂₉	2001 03 18.2	11 51.39 +01 21.6 17.8	-0.93 + 2.3	0.1/18.1	10942	1998 RB ₆₂	2001 03 18.6	11 53.22 -00 34.4 18.2	-0.83 + 3.0	0.4/19.1	10866
1999 XL ₁₀₁	2001 03 18.2	11 51.41 -10 42.6 17.8	-0.78 + 3.8	3.2/22.0	10937	1999 WG ₂	2001 03 18.6	11 53.26 +01 10.0 20.6	-0.95 + 6.8	0.1/18.6	40401
1999 XH ₈₈	2001 03 18.2	11 51.41 -12 59.0 17.5	-0.84 + 4.6	4.6/22.7	10937	4245 P-L	2001 03 18.7	11 53.30 -00 13.7 21.9	-0.97 + 5.6	0.3/19.0	10814
1999 XP ₁₀₆	2001 03 18.2	11 51.46 +12 04.4 19.5	-1.00 + 3.0	3.6/15.0	40416	1999 VC ₃₃	2001 03 18.7	11 53.37 -02 54.1 20.4	-0.86 + 5.6	1.1/20.0	38109
1999 XA ₉₂	2001 03 18.2	11 51.49 -11 34.8 17.9	-0.84 + 5.2	4.3/22.3	10937	1998 QB ₁₀₃	2001 03 18.7	11 53.42 +07 32.6 19.3	-0.71 + 5.3	1.7/16.4	10332
1999 TJ ₂₄₀	2001 03 18.2	11 51.56 +05 02.6 18.1	-0.92 + 7.9	1.7/16.9	10915	1999 TA ₂₅₃	2001 03 18.7	11 53.46 +08 40.7 18.9	-0.91 + 6.2	2.7/16.2	1513
1998 RU ₇₈	2001 03 18.2	11 51.57 +07 50.0 18.9	-0.70 + 5.2	1.7/15.9	40336	1998 MB ₁	2001 03 18.7	11 53.48 -03 43.0 18.4	-0.93 + 6.6	1.5/20.2	10857
1999 XB ₁₁₂	2001 03 18.2	11 51.57 +18 31.0 19.4	-0.81 + 3.5	4.8/12.5	40417	1999 XO ₁₁₀	2001 03 18.7	11 53.54 -20 46.6 20.1	-0.86 + 6.4	6.5/26.5	2699
1999 VF ₁₀	2001 03 18.2	11 51.57 +20 06.3 19.5	-0.87 + 4.8	5.2/11.8	40389	1995 WG ₂₇	2001 03 18.7	11 53.56 -08 08.5 18.7	-0.86 + 5.1	2.8/21.7	2621
1999 XE ₄₀	2001 03 18.2	11 51.61 +21 05.7 19.9	-0.93 + 3.0	6.1/11.9	1549	1998 HO ₅	2001 03 18.8	11 53.55 +03 18.3 18.1	-0.92 + 8.8	1.0/17.9	10850
2000 XX ₄₉	2001 03 18.2	11 51.74 +27 33.6 17.7	-0.96 + 1.3	11.6/09.8	11012	1999 VZ ₃₆	2001 03 18.8	11 53.55 +06 45.6 18.8	-0.86 + 5.0	1.9/16.8	38110
1978 QK ₂	2001 03 18.2	11 51.77 -00 29.9 18.7	-0.96 + 7.6	0.5/18.7	10823	1998 RY ₅₃	2001 03 18.8	11 53.57 -07 06.1 19.6	-0.75 + 3.6	1.9/21.3	10866
1998 KS ₁	2001 03 18.2	11 51.77 -06 04.7 18.1	-0.98 + 7.2	2.6/20.5	9709	4230 T-2	2001 03 18.8	11 53.59 +06 03.0 18.4	-0.78 + 5.1	1.5/17.0	1667
1999 XJ ₁₈₁	2001 03 18.3	11 51.78 -07 09.2 20.3	-0.87 + 4.6	2.2/20.9	1558	1998 KJ ₅₈	2001 03 18.8	11 53.65 -07 27.4 18.6	-0.94 + 7.4	3.2/21.5	10857
2315 T-3	2001 03 18.3	11 51.80 -01 30.4 18.6	-0.93 + 6.7	0.9/19.1	40534	1999 XJ ₁₈	2001 03 18.8	11 53.66 +04 09.3 19.0	-0.96 + 5.1	1.2/17.8	6263
1999 XD ₁₅₈	2001 03 18.3	11 51.82 +05 43.3 18.2	-0.80 + 5.8	1.4/16.7	10940	1998 OY ₆	2001 03 18.8	11 53.73 -17 31.4 17.5	-0.98 + 1.5	7.0/24.2	10858
1996 JV ₆	2001 03 18.3	11 51.85 +06 13.6 20.1	-0.75 + 5.2	1.6/16.5	3145	2000 AF ₁₀₂	2001 03 18.8	11 53.76 +04 21.4 18.4	-0.92 + 8.6	1.3/17.6	10945
1998 KL ₃₀	2001 03 18.3	11 51.87 -07 42.2 17.6	-1.03 + 5.1	3.3/20.9	9710	1999 VC ₃₀	2001 03 18.8	11 53.78 +04 22.9 18.0	-0.78 + 4.7	1.3/17.6	10923
1999 XE ₁₉₆	2001 03 18.3	11 51.96 +00 51.6 18.9	-0.98 + 4.9	0.0/18.4	8193	7590 P-L	2001 03 18.8	11 53.79 +07 49.6 20.2	-0.93 + 4.2	2.2/16.7	36942
2000 BQ ₂₅	2001 03 18.3	11 51.99 -12 56.9 18.9	-0.81 + 3.1	3.6/22.7	40447	1999 XN ₁₁₃	2001 03 18.8	11 53.86 -15 23.5 18.9	-0.97 + 3.2	5.1/23.8	40417
1998 RD ₅₆	2001 03 18.3	11 52.00 -03 08.8 19.6	-0.90 + 4.1	1.2/19.6	32998	3200 T-2	2001 03 18.8	11 53.87 +05 38.3 19.0	-0.77 + 5.3	1.4/17.2	1667
1999 VF ₄₇	2001 03 18.3	11 52.12 +22 40.1 19.0	-0.99 + 3.1	6.6/11.5	10924	1995 CQ ₃	2001 03 18.8	11 53.90 +00 30.8 19.2	-0.73 + 5.6	0.0/18.9	9679
1999 VV ₁₆₅	2001 03 18.3	11 52.13 -02 53.9 19.1	-0.90 + 5.5	1.2/19.6	684	2000 AH ₁₈₈	2001 03 18.8	11 53.91 -00 01.6 17.4	-0.75 + 9.5	0.2/19.1	10948
1993 TM ₁₅	2001 03 18.4	11 52.24 +05 36.3 18.8	-0.78 + 4.8	1.4/16.9	10830	2000 AK ₁₇₁	2001 03 18.8	11 53.92 +14 12.5 17.3	-0.78 + 8.3	4.4/13.9	6266

1999 TO ₁₂₈	2001 03 18.8	11 53.98 +13 06.3 18.1	-0.97 + 2.3	3.8/15.3	10442	1999 XV ₃₅	2001 03 19.2	11 55.40 +01 03.4 18.3	-0.78 + 7.5	0.2/19.1	9778
1999 VF ₆₇	2001 03 18.9	11 53.91 -00 58.7 19.8	-0.98 + 7.0	0.6/19.4	5654	1999 UQ ₁₅	2001 03 19.2	11 55.45 +00 38.4 19.3	-0.86 + 8.0	0.1/19.2	5645
1994 PP ₁₅	2001 03 18.9	11 53.94 -00 16.7 18.7	-0.84 + 6.3	0.3/19.2	10831	1998 HG ₂₃	2001 03 19.3	11 55.41 +05 32.6 18.6	-1.04 + 6.4	2.1/17.7	10851
1999 UO ₉	2001 03 18.9	11 53.95 -08 26.4 18.4	-1.23 - 1.4	3.0/21.0	2676	1999 XO ₁₉₁	2001 03 19.3	11 55.43 +13 37.6 18.5	-0.87 + 3.4	3.7/15.2	10941
2000 AO ₄₂	2001 03 18.9	11 53.97 -03 30.4 18.3	-0.99 + 4.9	1.4/20.2	1226	1990 TZ ₁₀	2001 03 19.3	11 55.47 -10 50.5 19.1	-0.80 + 8.2	3.4/23.3	9668
1999 YG ₄	2001 03 18.9	11 54.08 +16 17.2 18.9	-0.78 + 5.3	4.4/13.5	10943	2000 YV ₁₀₅	2001 03 19.3	11 55.47 +15 18.2 17.8	-0.81 + 8.9	4.7/13.8	11019
1998 QW ₈₄	2001 03 18.9	11 54.09 -17 00.5 18.8	-0.91 + 3.3	6.1/24.5	10863	1998 KA ₄	2001 03 19.3	11 55.50 +15 30.5 18.6	-1.04 + 6.2	5.8/14.4	10855
2000 AZ ₂₄	2001 03 18.9	11 54.11 -10 57.0 19.1	-0.77 + 4.2	3.3/22.8	3485	2000 AU ₁₇₈	2001 03 19.3	11 55.50 -21 11.9 16.6	-0.89 + 5.1	6.9/26.5	10947
1998 RA ₁₉	2001 03 18.9	11 54.15 +00 57.0 18.4	-0.95 + 1.9	0.1/18.9	10865	2000 AJ ₇	2001 03 19.3	11 55.53 -02 11.2 19.1	-0.87 + 4.2	0.8/20.2	10573
1999 VK ₉	2001 03 18.9	11 54.16 -06 32.0 18.6	-0.95 + 7.2	2.6/21.3	3455	1999 TH ₁₄₇	2001 03 19.3	11 55.54 +07 53.4 18.7	-0.95 + 4.0	2.7/17.1	10444
1995 SC ₈	2001 03 18.9	11 54.17 -00 22.4 18.9	-0.95 + 4.4	0.4/19.3	6727	1999 XS ₁₇₁	2001 03 19.3	11 55.59 +01 52.2 18.3	-0.83 + 4.1	0.4/18.9	10940
1995 SS ₃₀	2001 03 18.9	11 54.29 -02 49.5 18.2	-1.11 + 0.6	1.5/20.0	29624	1999 RU ₂₉	2001 03 19.3	11 55.62 +01 01.1 17.5	-0.92 +22.6	0.2/19.1	639
1999 TF ₂₄₈	2001 03 18.9	11 54.31 +00 03.4 19.2	-0.89 + 8.3	0.2/19.2	2671	1999 XL ₅₃	2001 03 19.3	11 55.64 +05 18.7 18.8	-0.88 + 5.7	1.7/17.8	10543
1997 AG	2001 03 18.9	11 54.31 -04 30.2 17.8	-1.00 + 5.0	2.0/20.5	8386	1993 FN ₂₂	2001 03 19.3	11 55.65 -01 17.3 18.8	-0.89 + 7.3	0.6/19.9	10828
1999 VZ ₂₀	2001 03 19.0	11 54.29 +18 10.4 18.7	-0.93 + 4.2	5.9/13.3	10922	2000 AD ₂₃	2001 03 19.3	11 55.66 -15 13.2 17.8	-0.82 + 3.3	4.9/24.4	10944
1997 GO ₁₈	2001 03 19.0	11 54.30 -02 25.6 18.7	-0.79 + 9.9	1.0/20.0	35699	1993 FE ₃₈	2001 03 19.3	11 55.66 +02 42.9 18.4	-0.84 + 8.0	0.8/18.6	10829
1999 TH ₁₄₅	2001 03 19.0	11 54.33 -02 07.9 19.4	-0.80 + 9.4	0.9/20.0	1494	1999 XS ₁₉₀	2001 03 19.3	11 55.68 -10 36.3 17.9	-0.87 + 3.8	3.6/22.8	10941
1994 PW ₂₆	2001 03 19.0	11 54.36 +08 36.7 18.6	-0.80 + 7.0	2.3/16.3	10831	2000 XV ₁₄	2001 03 19.3	11 55.72 +05 48.6 17.7	-1.07 - 0.5	2.1/18.0	11009
1995 SW ₃	2001 03 19.0	11 54.43 -03 31.9 19.2	-0.96 + 4.7	1.2/20.3	2621	1995 SS ₄₈	2001 03 19.3	11 55.78 +03 41.7 20.5	-0.93 + 5.5	1.0/18.4	4328
1999 XE ₆	2001 03 19.0	11 54.46 +12 29.9 19.3	-1.00 + 5.1	4.1/15.3	10932	1999 TC ₂₃₇	2001 03 19.4	11 55.74 +06 52.4 19.8	-0.96 + 7.2	2.2/17.3	2671
1999 TA ₂₄₆	2001 03 19.0	11 54.49 +06 15.0 19.9	-0.79 + 9.0	1.7/17.0	2671	1999 VP ₅₁	2001 03 19.4	11 55.89 +03 26.6 20.1	-0.98 + 4.5	1.0/18.5	10924
1999 XP ₁₀₂	2001 03 19.0	11 54.56 +17 30.2 17.6	-0.78 + 4.8	4.5/13.2	10549	2000 YA ₁₀₅	2001 03 19.4	11 55.92 +12 46.0 17.7	-0.99 + 3.2	5.9/15.6	11019
2000 AN ₁₀₁	2001 03 19.0	11 54.56 +20 12.6 18.6	-0.79 + 4.6	5.7/12.4	6266	1997 OZ	2001 03 19.4	11 55.96 +04 35.7 19.0	-0.75 + 4.8	1.1/18.1	39529
2130 P-L	2001 03 19.0	11 54.56 -01 15.9 19.7	-0.81 + 3.1	0.5/19.6	33735	1999 VT ₁₈₄	2001 03 19.4	11 56.05 +07 02.0 17.9	-0.98 + 5.4	2.7/17.4	10930
1999 XP ₁₉₅	2001 03 19.0	11 54.61 -18 38.9 17.9	-0.98 + 2.7	6.1/24.9	10941	1999 UB ₇	2001 03 19.4	11 56.07 +00 45.1 17.2	-0.93 + 8.9	0.1/19.4	10918
1999 RP ₂₀₇	2001 03 19.0	11 54.62 -09 24.4 19.0	-1.07 + 3.9	3.6/22.0	40372	1994 UL ₉	2001 03 19.4	11 56.11 -04 49.3 19.3	-0.89 + 5.4	1.7/21.1	9035
1998 SL ₂₂	2001 03 19.0	11 54.67 -00 48.8 19.0	-0.78 + 5.1	0.4/19.6	33018	1999 VD ₅₀	2001 03 19.4	11 56.19 -00 18.6 18.0	-1.05 + 5.3	0.3/19.7	10924
1999 KK ₆	2001 03 19.0	11 54.69 -29 20.8 16.6	-1.00 +15.2	12.3/31.7	3916	1997 JA ₁₁	2001 03 19.5	11 56.10 +10 12.6 18.7	-0.68 + 6.4	2.2/16.0	10841
1999 XX ₁₀₇	2001 03 19.1	11 54.72 -05 32.9 19.8	-0.84 + 5.8	1.8/21.1	1553	2000 AB ₂₃₂	2001 03 19.5	11 56.19 -02 48.4 19.9	-0.87 + 5.3	0.9/20.6	3500
1999 XN ₁₀₂	2001 03 19.1	11 54.74 +15 59.4 17.9	-0.79 + 5.0	4.4/13.8	10937	2000 AS ₁₅₁	2001 03 19.5	11 56.23 +11 41.4 19.3	-0.99 + 5.3	3.7/16.0	1564
1999 VH ₃₆	2001 03 19.1	11 54.74 -01 18.2 18.8	-0.77 + 5.0	0.6/19.7	10923	1999 XU ₁₁₆	2001 03 19.5	11 56.35 -04 47.1 19.7	-0.88 + 5.4	1.5/21.2	40417
1999 TC ₂₉₃	2001 03 19.1	11 54.84 -05 15.6 17.2	-1.02 + 3.8	2.7/20.8	10917	1999 XG ₁₁₀	2001 03 19.5	11 56.37 +12 54.0 19.4	-0.97 + 5.4	4.2/15.6	1554
1999 SA ₁₀	2001 03 19.1	11 54.84 +19 55.8 19.0	-1.00 + 2.2	6.1/13.4	40375	1998 KL ₃₇	2001 03 19.5	11 56.42 -04 41.0 17.0	-0.90 + 8.8	2.0/21.3	8408
1999 VL ₄₆	2001 03 19.1	11 54.88 -16 16.6 21.9	-0.80 + 6.3	4.2/25.2	38113	1999 TE ₂₄₃	2001 03 19.5	11 56.45 +03 13.8 19.9	-0.82 + 8.7	0.9/18.6	10461
1999 TV ₆₅	2001 03 19.1	11 54.89 +01 19.1 17.9	-0.91 + 6.6	0.3/18.9	10429	2001 BK ₄₄	2001 03 19.5	11 56.47 +15 01.1 18.3	-0.76 +12.0	5.2/13.9	10709
1995 UE ₄₅	2001 03 19.1	11 54.91 +23 51.1 17.2	-1.05 + 1.3	8.0/12.4	10833	2000 AS ₁₄	2001 03 19.5	11 56.54 +00 34.5 19.0	-0.88 + 5.3	0.1/19.5	2709
1999 VH ₇₃	2001 03 19.1	11 54.92 -00 24.9 16.9	-0.77 + 8.7	0.5/19.5	10926	1999 SG ₂	2001 03 19.5	11 56.56 +15 52.9 17.0	-1.02 + 2.3	6.5/15.0	10407
1999 WC ₁	2001 03 19.1	11 55.00 +06 51.4 19.1	-0.79 + 8.7	1.7/16.9	10524	1999 XG ₁₁₅	2001 03 19.6	11 56.50 -09 03.0 19.0	-0.99 + 6.8	3.4/22.6	40417
1999 VJ ₃₁	2001 03 19.1	11 55.03 +17 20.5 18.7	-0.99 + 4.4	5.5/13.8	10923	1998 QV ₃₆	2001 03 19.6	11 56.50 -13 19.8 21.2	-0.91 + 3.3	3.8/23.8	35710
1999 XJ ₁₉₂	2001 03 19.2	11 55.01 +10 42.0 17.6	-0.87 + 3.9	3.1/16.0	10566	1999 RP ₂₁	2001 03 19.6	11 56.58 +04 08.6 19.0	-0.94 + 6.4	1.4/18.4	40356
1998 KS ₈	2001 03 19.2	11 55.01 +08 56.9 17.6	-0.82 +10.4	3.9/16.1	10325	1999 VJ ₁₉₅	2001 03 19.6	11 56.65 -00 41.2 18.7	-0.88 + 8.3	0.4/20.0	2691
2001 DJ ₁₃	2001 03 19.2	11 55.03 +16 34.1 17.4	-0.68 +12.6	4.7/12.6	10795	1993 PU ₅	2001 03 19.6	11 56.67 +00 05.9 18.6	-0.78 + 6.5	7.8/28.0	10829
1998 QN ₃₃	2001 03 19.2	11 55.04 -05 11.2 18.9	-0.83 + 6.1	1.8/21.1	4416	1999 XN ₁₅₆	2001 03 19.6	11 56.73 -00 21.0 17.7	-0.78 + 6.6	0.2/19.9	10940
1999 RC ₁₅₀	2001 03 19.2	11 55.13 -02 08.6 18.2	-1.03 + 5.7	1.1/20.0	10895	1994 PW ₃₈	2001 03 19.7	11 56.93 +00 08.0 19.9	-0.89 + 6.0	8.4/28.0	32748
1999 TV ₈₉	2001 03 19.2	11 55.21 +07 28.9 19.4	-1.02 + 5.1	2.5/17.1	1481	1999 VS ₁₉₀	2001 03 19.7	11 56.97 +00 00.9 18.6	-0.79 + 6.7	8.3/28.0	2181
1998 RD ₅₃	2001 03 19.2	11 55.26 +00 09.9 17.2	-0.88 + 2.2	0.1/19.4	10865	1999 TZ ₂₃₆	2001 03 19.7	11 57.02 +23 42.0 17.8	-0.92 + 5.0	9.4/11.4	10915
2000 YE ₁₃₃	2001 03 19.2	11 55.28 +04 59.7 17.6	-0.71 + 7.9	1.4/17.6	10669	1993 TF ₆	2001 03 19.7	11 57.05 -09 45.8 20.8	-0.73 + 6.5	2.7/23.3	32933
1999 RG ₂₆	2001 03 19.2	11 55.28 +03 53.5 20.2	-0.99 + 5.2	1.1/18.2	40357	2000 AX ₈₇	2001 03 19.7	11 57.20 -19 47.9 19.4	-0.78 + 3.3	4.8/26.6	39572
1997 GH ₃₆	2001 03 19.2	11 55.31 +17 38.5 17.1	-1.03 + 0.6	6.5/14.4	10840	1999 TM ₁₇₇	2001 03 19.7	11 57.21 -03 25.7 19.4	-0.90 + 7.7	1.2/21.0	1501
1999 XY ₁₁₂	2001 03 19.2	11 55.32 -05 30.0 19.5	-0.97 + 3.4	1.8/21.1	7516	1999 XQ ₃₇	2001 03 19.7	11 57.25 +25 30.3 19.6	-0.89 + 4.4	7.0/11.1	38837
1999 XN ₁₆₉	2001 03 19.2	11 55.36 -08 25.5 18.8	-0.83 + 4.5	2.5/22.2	38854	1999 RS ₃₆	2001 03 19.8	11 57.29 -01 13.9 18.8	-0.91 + 8.1	0.5/20.3	10366

1999 XE ₁₄₄	2001 03 19.8	11 57.32 +03 46.9 17.9	-0.83 + 6.2	1.1/18.7	2233	1999 VD ₁₆₉	2001 03 20.3	11 59.06 +02 02.5 19.7	-0.93 + 5.5	0.6/19.7	4539
1999 TT ₂₇₈	2001 03 19.8	11 57.33 -12 03.2 21.1	-0.82 + 7.6	3.5/24.2	2673	2000 YW ₃₄	2001 03 20.3	11 59.06 -04 20.0 15.4	-0.92 + 1.3	1.7/21.6	11014
1999 UF ₁₈	2001 03 19.8	11 57.35 +03 32.2 18.2	-0.91 + 7.4	1.5/18.8	10919	1998 QZ ₄₃	2001 03 20.3	11 59.09 +05 28.9 18.1	-0.79 + 5.3	1.6/18.5	10861
1999 UV	2001 03 19.8	11 57.57 +06 30.8 18.5	-1.00 + 3.9	2.2/18.0	40383	1999 RB ₉₂	2001 03 20.3	11 59.14 -00 55.3 18.9	-1.08 + 4.6	0.4/20.6	5598
1999 XM ₂₁₄	2001 03 19.8	11 57.57 +01 09.1 18.9	-0.78 + 4.3	0.3/19.6	37982	1999 PY	2001 03 20.3	11 59.31 +08 59.8 17.8	-1.04 + 4.9	3.3/17.6	10887
1999 XF ₁₀₂	2001 03 19.8	11 57.61 -04 39.8 19.2	-0.74 + 4.6	1.3/21.5	9780	1999 RQ ₁₇₆	2001 03 20.3	11 59.31 -02 40.3 17.7	-0.92 + 8.6	1.1/21.3	40369
1999 VO ₅₂	2001 03 19.8	11 57.61 +18 45.0 18.6	-0.92 + 4.4	5.5/13.8	40395	1999 XA ₁	2001 03 20.3	11 59.37 -13 52.6 17.5	-0.82 + 3.9	4.4/24.9	10529
1999 XZ ₁₇₁	2001 03 19.8	11 57.62 -12 31.1 18.8	-0.97 + 3.9	4.0/23.8	1557	1997 UY ₂₀	2001 03 20.4	11 59.50 -07 42.3 17.8	-0.72 + 7.3	2.2/23.2	38046
2000 AC ₁₀₇	2001 03 19.9	11 57.56 +20 27.6 16.6	-0.72 + 7.5	6.3/12.0	10946	1999 TD ₂₁₆	2001 03 20.4	11 59.56 +01 53.3 20.1	-0.93 + 6.8	0.6/19.8	4532
1999 TX ₁₀₁	2001 03 19.9	11 57.61 +29 35.8 17.3	-1.04 + 0.3	11.1/10.8	10909	1999 XT ₁₂₂	2001 03 20.4	11 59.66 -05 23.0 20.6	-0.95 + 5.3	1.7/22.2	2699
1997 CW ₁	2001 03 19.9	11 57.62 +14 00.8 18.1	-0.87 + 7.2	5.5/15.1	10838	1990 TQ ₂	2001 03 20.4	11 59.73 +05 36.1 19.0	-1.04 + 1.7	1.8/18.9	9668
1999 XZ ₁₇₀	2001 03 19.9	11 57.67 +01 01.7 18.5	-0.91 + 4.6	0.2/19.7	10940	1999 TB ₁	2001 03 20.4	11 59.74 -03 41.2 18.9	-0.91 + 7.2	1.2/21.7	40375
1999 YW ₅	2001 03 19.9	11 57.72 -41 38.9 19.7	-1.28 - 0.6	12.2/03.5	38862	1998 VE ₁₂	2001 03 20.4	11 59.74 +08 24.7 20.9	-0.73 + 5.0	2.0/17.6	1984
1998 FC ₁₂	2001 03 19.9	11 57.74 +03 16.4 18.1	-1.05 + 9.1	1.2/18.9	10845	1994 PD ₃₄	2001 03 20.4	11 59.76 -01 08.4 19.3	-0.88 + 6.2	0.4/20.9	32517
2000 AT ₇₁	2001 03 19.9	11 57.74 +06 05.6 17.9	-0.95 + 7.7	2.2/18.0	10578	1990 RB ₇	2001 03 20.4	11 59.78 +03 42.8 19.5	-0.83 + 6.7	1.1/19.2	10826
1990 TF ₆	2001 03 19.9	11 57.79 -07 34.8 18.8	-0.95 + 4.0	2.4/22.4	40295	1989 CC ₃	2001 03 20.4	11 59.78 -20 25.7 18.8	-0.75 + 3.5	4.7/27.4	40293
1993 TV ₁₇	2001 03 19.9	11 57.83 +10 04.3 19.0	-0.82 + 2.9	2.7/16.9	40304	1994 PH ₉	2001 03 20.5	11 59.85 -00 50.3 18.5	-0.87 + 6.1	0.3/20.8	32457
1999 VD ₉	2001 03 19.9	11 57.90 +24 37.1 17.8	-0.99 + 3.3	8.1/12.2	10483	3075 P-L	2001 03 20.5	11 59.89 -08 54.2 20.6	-0.74 + 3.8	2.1/23.5	39495
1998 HC ₃₆	2001 03 19.9	11 57.92 +04 03.0 18.7	-1.01 + 7.0	1.4/18.8	10851	1998 SH ₁₃₅	2001 03 20.5	11 59.90 -00 47.5 18.1	-0.69 + 7.2	0.2/20.8	10871
1999 TM ₂₇₈	2001 03 19.9	11 57.95 +09 13.2 18.2	-1.02 + 3.2	3.6/17.3	10464	1999 XT ₉₈	2001 03 20.5	11 59.92 +19 18.7 17.5	-0.80 + 4.0	5.7/14.0	10937
1998 RC ₄₈	2001 03 19.9	11 57.96 -03 16.4 19.3	-0.85 + 6.2	1.0/21.1	38786	1999 UN ₆	2001 03 20.5	11 59.95 +13 12.5 19.4	-0.88 + 3.9	3.6/16.4	40384
1999 UU ₂₅	2001 03 20.0	11 57.95 +02 11.5 19.6	-0.90 + 4.6	0.6/19.4	1516	1999 TB ₁₅₆	2001 03 20.5	11 59.96 +01 22.5 19.9	-0.94 + 5.6	0.5/20.1	2127
2000 AU ₁₉₉	2001 03 20.0	11 58.00 +40 03.0 17.7	-1.00 + 2.0	13.7/05.0	10948	1999 XF ₁₈₉	2001 03 20.5	11 59.98 -07 17.6 18.6	-0.87 + 3.8	2.1/22.8	2245
2000 AE ₃	2001 03 20.0	11 58.14 -12 48.7 18.8	-0.95 + 3.0	4.1/24.0	40428	1999 VD ₅	2001 03 20.5	12 00.02 +04 40.1 19.0	-0.94 + 5.4	1.5/19.1	40388
1998 SP ₅₆	2001 03 20.0	11 58.19 +01 54.3 18.0	-0.84 + 4.3	0.5/19.5	10869	1999 XL ₆₉	2001 03 20.5	12 00.03 +00 35.0 18.9	-0.91 + 6.0	0.2/20.4	4951
2001 DQ ₂₁	2001 03 20.0	11 58.25 +19 53.5 18.8	-0.83 + 8.8	6.6/12.8	10799	1999 RU ₁₈	2001 03 20.5	12 00.07 -01 52.0 19.6	-1.02 + 6.8	0.7/21.2	40355
1999 XK ₄₈	2001 03 20.0	11 58.26 +15 28.4 20.1	-0.84 + 4.2	4.4/15.1	38141	1999 RD ₃	2001 03 20.5	12 00.15 -01 16.2 17.6	-0.95 + 7.3	0.5/21.0	10887
1999 XR ₁₂₇	2001 03 20.0	11 58.26 +04 07.9 18.0	-0.85 +13.9	1.3/18.6	10939	1996 AU ₆	2001 03 20.5	12 00.16 +05 23.6 18.8	-0.85 + 5.0	1.8/18.8	10833
2000 AF ₅₂	2001 03 20.0	11 58.26 -11 01.2 19.3	-0.88 + 4.8	3.6/23.7	6987	1998 QH ₄₉	2001 03 20.6	12 00.13 +09 20.5 19.2	-0.71 + 7.2	2.4/17.2	37726
1999 TW ₈₉	2001 03 20.0	11 58.28 +07 03.4 18.9	-1.02 + 5.0	2.5/18.0	1481	2000 AA ₂₆	2001 03 20.6	12 00.14 +00 41.5 19.7	-0.73 + 4.6	0.2/20.4	2710
1981 EL ₂₃	2001 03 20.0	11 58.34 +02 13.8 19.0	-0.87 + 7.1	0.7/19.4	10823	1998 RL ₂₀	2001 03 20.6	12 00.17 +12 03.3 18.4	-0.82 + 5.6	3.9/16.5	10865
1999 UK ₄₂	2001 03 20.0	11 58.36 -01 22.2 20.3	-0.91 + 3.8	0.5/20.6	1518	1999 XS ₁₂₃	2001 03 20.6	12 00.18 -06 31.8 18.6	-1.01 + 4.4	2.3/22.6	2229
2000 AU ₂₃₃	2001 03 20.1	11 58.32 +12 33.7 18.6	-0.95 + 6.6	4.2/16.0	373	2001 BV ₇₇	2001 03 20.6	12 00.22 +04 07.6 18.0	-0.80 +10.5	1.6/19.1	10737
1999 XQ ₄₆	2001 03 20.1	11 58.34 +07 04.3 19.3	-1.00 + 6.0	2.4/17.9	40411	1999 VR ₁₁₃	2001 03 20.6	12 00.26 -03 27.4 19.6	-1.01 + 5.7	1.2/21.7	39555
1999 RQ ₁₆₂	2001 03 20.1	11 58.41 -07 36.9 19.1	-1.02 + 5.5	2.9/22.5	1460	1999 VV ₆₂	2001 03 20.6	12 00.28 +15 06.5 19.3	-0.93 + 3.4	4.8/16.0	40397
1990 RV ₃	2001 03 20.1	11 58.45 -01 12.3 19.3	-0.89 + 4.8	0.4/20.6	32742	1999 XP ₁₁₇	2001 03 20.6	12 00.28 +06 23.1 19.7	-1.01 + 4.3	2.1/18.7	1555
1999 VV ₁₉₉	2001 03 20.1	11 58.64 +20 55.0 20.5	-0.89 + 5.0	6.0/13.2	2691	1995 SM	2001 03 20.6	12 00.32 -01 09.4 20.7	-0.92 + 5.6	0.4/21.0	1417
1999 XF ₇₅	2001 03 20.1	11 58.66 -08 25.4 17.5	-0.98 + 7.1	3.4/22.9	9779	1999 TJ ₉₆	2001 03 20.6	12 00.33 +05 31.1 18.8	-0.91 + 7.5	2.0/18.8	10908
1999 XR ₁₁₆	2001 03 20.1	11 58.69 +03 25.0 19.6	-1.01 + 4.7	1.1/19.2	2699	1998 SC ₃₅	2001 03 20.6	12 00.35 +19 59.0 19.0	-1.35 - 1.3	6.9/15.5	4918
2001 BE ₅₀	2001 03 20.1	11 58.69 +06 33.9 17.6	-0.87 + 7.2	2.9/18.0	11036	2000 AG ₅₂	2001 03 20.6	12 00.37 +13 37.4 19.1	-0.97 + 2.4	4.4/16.6	7518
1998 SG ₁₅₀	2001 03 20.2	11 58.70 -02 51.1 19.5	-0.71 + 6.2	0.8/21.3	10871	2000 AG ₉₉	2001 03 20.6	12 00.43 +05 28.8 19.2	-0.92 + 6.2	1.8/18.9	2285
1998 KG ₅₁	2001 03 20.2	11 58.72 +03 02.9 18.0	-0.90 + 8.1	1.0/19.2	10856	1999 TN ₃₂	2001 03 20.6	12 00.46 +02 21.9 19.0	-0.99 + 4.6	0.8/19.9	2659
1999 PU ₄	2001 03 20.2	11 58.79 +07 34.7 18.9	-0.95 + 7.4	2.8/17.8	10887	1998 VC ₄₈	2001 03 20.6	12 00.53 -08 31.3 18.5	-0.70 + 5.8	2.4/23.6	3267
2000 CA ₁₀₁	2001 03 20.2	11 58.79 +03 17.4 20.4	-0.70 + 4.7	0.8/19.2	2370	1999 RU ₂₄	2001 03 20.6	12 00.55 -04 44.0 19.3	-0.89 + 6.8	1.6/22.2	2650
1999 XQ ₁₄₀	2001 03 20.2	11 58.83 +09 02.0 20.4	-0.85 + 6.0	2.5/17.2	2700	1998 HC ₉₉	2001 03 20.6	12 00.55 +07 12.6 18.6	-1.01 + 5.9	2.6/18.4	10853
1999 VY ₁₉₆	2001 03 20.2	11 59.03 +15 46.6 18.8	-0.80 + 7.0	4.9/14.7	2691	2212 T-1	2001 03 20.6	12 00.56 +01 34.4 20.9	-0.89 + 5.1	0.5/20.2	38737
1999 XV ₁₂₉	2001 03 20.2	11 59.04 +14 52.1 19.0	-0.94 + 2.8	4.4/15.8	1556	1998 QT ₈₄	2001 03 20.7	12 00.50 -19 12.1 19.2	-0.75 + 5.0	4.8/27.5	40332
1998 MR ₂	2001 03 20.2	11 59.04 +36 23.7 21.5	-0.92 + 5.0	8.1/06.1	3895	1999 RE ₉₁	2001 03 20.7	12 00.55 +04 36.5 19.6	-0.94 + 6.5	1.6/19.2	10892
1978 VZ ₈	2001 03 20.2	11 59.06 +05 45.0 18.8	-0.89 + 5.0	1.9/18.5	40289	1999 TZ ₃₀₀	2001 03 20.7	12 00.59 -05 55.8 21.1	-0.97 + 4.8	1.9/22.5	6951
1999 XY ₂₃₄	2001 03 20.2	11 59.06 +09 32.7 20.2	-0.91 + 6.6	3.0/17.2	3481	1999 VL ₃₇	2001 03 20.7	12 00.61 -10 02.9 18.9	-0.82 + 6.2	3.0/24.1	38110
1999 VH ₁₈₅	2001 03 20.3	11 59.02 +04 39.6 18.6	-0.85 + 6.1	1.7/18.8	10930	1999 TC ₉₃	2001 03 20.7	12 00.61 +12 32.8 19.2	-1.01 + 5.4	4.5/16.8	1481

1998 TW ₃₄	2001 03 20.7	12 00.62	-03 42.8	17.2	-0.72	+ 7.6	1.1/22.0	40343	2000 AE ₅₉	2001 03 21.2	12 02.49	-12 26.6	20.5	-0.76	+ 3.6	2.8/25.2	2712
1997 AH ₄	2001 03 20.7	12 00.63	-02 00.9	19.2	-0.97	+ 5.8	0.7/21.3	10837	1999 XU ₁₀₅	2001 03 21.2	12 02.52	+06 21.6	18.9	-0.76	+ 6.5	1.8/19.0	2698
1999 XZ ₂₅	2001 03 20.7	12 00.66	+15 14.7	18.6	-1.02	+ 5.7	5.3/15.8	10934	1998 SL ₂₁	2001 03 21.2	12 02.60	-03 44.9	20.2	-0.72	+ 4.6	0.9/22.4	5500
1999 TU ₃₀	2001 03 20.7	12 00.72	-01 13.0	19.3	-0.95	+ 5.5	0.4/21.1	40382	1999 VU ₅₀	2001 03 21.2	12 02.60	-18 13.7	17.1	-0.82	+ 7.2	7.0/27.7	9770
1997 GM ₁₄	2001 03 20.7	12 00.73	-05 47.2	19.0	-0.87	+ 6.0	2.2/22.6	1002	1999 XZ ₁₅₀	2001 03 21.2	12 02.64	+22 20.4	18.7	-0.96	+ 3.1	6.8/14.2	40420
1998 QG ₇₄	2001 03 20.7	12 00.73	-08 06.1	18.6	-0.70	+ 5.9	2.0/23.6	38058	1999 WP ₆	2001 03 21.2	12 02.68	+11 56.2	18.2	-0.77	+ 4.7	3.9/17.2	38125
1999 VX ₂₁₂	2001 03 20.7	12 00.76	+07 23.3	20.1	-0.85	+ 6.0	2.4/18.3	7514	1998 UX ₇	2001 03 21.2	12 02.71	-06 13.6	18.2	-0.67	+ 6.5	1.5/23.4	9721
1999 TM ₉	2001 03 20.7	12 00.78	+05 27.8	20.3	-1.02	+ 4.2	1.8/19.1	40377	1998 KX ₄₅	2001 03 21.2	12 02.73	+04 08.5	18.6	-0.97	+ 7.2	1.7/19.8	38052
1999 XE ₂₅₆	2001 03 20.7	12 00.83	-02 48.8	19.4	-0.78	+ 6.9	0.9/21.7	5682	2000 AA ₁₇₇	2001 03 21.3	12 02.66	+11 34.6	18.8	-0.78	+ 7.6	3.5/17.1	10947
1999 XP ₂₀₉	2001 03 20.7	12 00.84	+09 42.6	18.5	-0.84	+ 2.6	2.8/17.8	1558	2000 AG ₁₅₀	2001 03 21.3	12 02.74	-12 55.6	19.0	-0.72	+ 6.2	3.4/25.8	10947
1998 OE ₁₂	2001 03 20.7	12 00.84	+08 28.4	20.0	-0.86	+ 6.0	2.6/17.9	1040	1998 HY ₁₃	2001 03 21.3	12 02.74	+08 09.2	19.0	-1.02	+ 6.7	3.2/18.6	38049
1999 VQ ₁₁₅	2001 03 20.7	12 00.85	+09 34.8	21.3	-1.02	+ 5.3	3.3/17.8	10928	1994 RM ₂	2001 03 21.3	12 02.76	-08 37.8	20.4	-0.91	+ 4.7	2.5/23.9	6190
1999 TK ₁₇	2001 03 20.7	12 00.87	-02 05.6	17.6	-0.96	+ 5.3	0.9/21.4	10905	1999 RY ₉₃	2001 03 21.3	12 02.83	+05 26.3	21.2	-0.85	+ 6.6	1.6/19.4	1453
1995 WL ₁₁	2001 03 20.7	12 00.89	+10 34.0	20.8	-0.90	+ 5.5	3.2/17.3	6732	2001 BC ₆₆	2001 03 21.3	12 02.84	+10 18.0	18.3	-0.88	+ 8.4	4.2/17.6	10725
2000 AD ₅₁	2001 03 20.7	12 00.91	-15 07.1	19.8	-0.79	+ 3.3	3.7/25.7	2265	1998 QM ₉₅	2001 03 21.3	12 02.86	-14 29.0	19.1	-0.79	+ 4.2	3.9/26.0	38785
1998 RY ₅₀	2001 03 20.8	12 00.94	-05 09.1	18.8	-0.82	+ 2.8	1.4/22.4	37752	1336 T-2	2001 03 21.3	12 02.86	+00 29.9	19.1	-0.75	+ 6.4	0.2/21.1	583
1999 XR ₁₆₀	2001 03 20.8	12 01.07	-13 24.9	18.4	-0.75	+ 4.9	3.7/25.4	10940	1995 XC ₁	2001 03 21.3	12 02.87	-05 31.5	17.5	-0.88	+ 4.7	2.0/23.0	9681
1999 TO ₁₈₈	2001 03 20.8	12 01.14	-18 22.0	18.0	-1.00	+ 3.3	8.2/26.6	10913	9609 P-L	2001 03 21.3	12 02.95	-01 05.0	18.3	-0.99	+ 8.1	0.3/21.6	11064
1997 AF ₁₈	2001 03 20.8	12 01.18	+09 02.4	16.3	-0.92	+ 7.8	4.3/17.7	6749	1999 VR ₁₈₄	2001 03 21.3	12 02.96	+00 17.2	18.6	-0.78	+ 6.3	0.2/21.2	10930
1998 QS ₅₆	2001 03 20.8	12 01.20	+00 19.8	19.1	-0.71	+ 4.9	0.1/20.7	40331	1999 RG ₂₂₅	2001 03 21.3	12 02.97	-06 06.4	18.6	-1.03	+ 5.0	2.1/23.1	2098
2000 AB ₁₉₃	2001 03 20.8	12 01.24	-29 27.9	18.0	-0.76	+ 4.3	7.6/31.8	370	1996 VL ₃₀	2001 03 21.3	12 02.98	-09 09.1	18.5	-0.99	+ 7.5	3.2/24.3	37270
1999 TX ₆	2001 03 20.8	12 01.25	+10 36.7	18.2	-1.03	+ 1.4	3.7/17.9	10904	1998 QL ₄₂	2001 03 21.3	12 02.99	-01 53.9	18.9	-0.78	+ 5.5	0.5/21.9	10861
1999 TW ₁₁₁	2001 03 20.9	12 01.21	-03 38.9	18.8	-0.91	+ 5.9	1.3/22.0	1142	1998 QK ₈₀	2001 03 21.3	12 03.01	-21 01.1	18.7	-0.86	+ 5.4	6.2/28.5	3249
1999 TW ₁₉₃	2001 03 20.9	12 01.28	+00 59.3	19.9	-0.99	+ 4.7	0.4/20.6	667	1999 XO ₄₆	2001 03 21.3	12 03.06	+23 44.5	20.2	-0.93	+ 2.8	7.1/13.7	40411
1999 VL ₅	2001 03 20.9	12 01.32	-14 55.2	19.8	-0.89	+ 7.5	4.6/26.1	38099	1999 UU ₉	2001 03 21.3	12 03.09	-05 16.4	19.5	-1.13	+ 1.4	1.5/22.7	2676
1999 XJ ₈	2001 03 20.9	12 01.37	+13 41.4	17.4	-0.89	+ 5.9	4.7/16.2	10933	1997 LG ₄	2001 03 21.3	12 03.09	+10 46.3	19.8	-0.73	+ 8.1	3.0/17.3	6758
1999 XL ₁₃₀	2001 03 20.9	12 01.40	-00 40.3	18.7	-0.86	+ 4.5	0.2/21.1	2700	2000 AL ₁₂	2001 03 21.3	12 03.11	-05 47.5	18.6	-1.00	+ 4.6	2.1/23.0	9784
1999 TQ ₁₀₅	2001 03 20.9	12 01.45	+02 03.1	18.0	-1.01	+ 3.1	0.8/20.3	10909	2186 T-2	2001 03 21.4	12 03.03	+00 09.6	19.8	-0.79	+ 4.6	0.1/21.2	32733
1999 XU ₂₃₄	2001 03 20.9	12 01.53	-04 37.0	19.2	-0.83	+ 7.4	1.4/22.5	10942	1998 QG ₅₀	2001 03 21.4	12 03.11	-03 28.5	19.2	-0.97	+ 2.4	1.0/22.3	37284
1998 HO ₅₂	2001 03 20.9	12 01.55	+07 43.8	18.1	-1.04	+ 6.4	3.1/18.5	10852	1999 VG ₁₉₆	2001 03 21.4	12 03.18	+21 01.9	19.2	-0.87	+ 6.1	6.7/13.9	10521
1999 XU ₁₈₈	2001 03 20.9	12 01.58	-04 07.9	19.4	-1.00	+ 4.8	1.3/22.2	10941	1999 XM ₅₃	2001 03 21.4	12 03.25	+19 40.4	19.6	-0.89	+ 3.9	5.9/14.9	1551
1999 XW ₁₂₁	2001 03 20.9	12 01.59	-08 16.2	19.8	-1.00	+ 5.1	2.8/23.5	2699	2000 AE ₁₈₆	2001 03 21.4	12 03.26	-00 12.6	17.3	-0.75	+11.4	0.1/21.4	10947
1998 QK ₁₄	2001 03 21.0	12 01.60	-17 58.8	19.2	-0.97	+ 2.5	5.4/26.3	38475	1997 BG ₇	2001 03 21.4	12 03.32	+10 19.6	18.9	-0.88	+ 8.0	4.1/17.8	999
1999 XH ₁₂₇	2001 03 21.0	12 01.64	+03 57.3	18.0	-0.75	+ 9.1	1.4/19.5	10939	1998 QM ₁₀₆	2001 03 21.4	12 03.34	+04 15.9	18.1	-0.90	+ 3.0	1.4/20.1	10864
1998 QT ₄₁	2001 03 21.0	12 01.67	-00 46.1	18.8	-0.90	+ 4.5	0.2/21.2	38056	1998 SU ₁₄₁	2001 03 21.4	12 03.38	+12 42.1	19.7	-0.97	+ 2.9	4.0/17.5	10871
1998 ST ₆₁	2001 03 21.0	12 01.69	-09 50.1	18.6	-0.70	+ 6.9	2.6/24.5	38063	1993 SA ₆	2001 03 21.4	12 03.41	+01 04.9	17.8	-0.76	+ 5.5	0.5/21.0	10830
2000 AM ₁₇₉	2001 03 21.0	12 01.79	-17 38.2	17.7	-0.87	+ 5.6	5.1/26.9	2316	1998 RU ₄₇	2001 03 21.4	12 03.42	-06 10.0	17.1	-0.70	+ 8.7	1.8/23.6	8414
1999 RP ₁₄₃	2001 03 21.0	12 01.82	-00 31.6	19.2	-0.90	+ 8.0	0.1/21.2	293	1999 RN ₃₀	2001 03 21.4	12 03.43	-05 01.5	17.7	-0.88	+23.1	2.0/23.4	2651
2001 AP ₁₈	2001 03 21.0	12 01.87	+09 42.9	17.6	-0.76	+11.1	3.8/17.3	11025	2000 AR ₁₇₇	2001 03 21.4	12 03.43	+19 34.8	17.6	-0.71	+ 6.4	5.2/14.1	10947
1999 TR ₁₃	2001 03 21.0	12 01.91	+06 34.2	16.9	-1.09	+ 0.3	2.6/19.3	10904	1999 VL ₈₀	2001 03 21.5	12 03.39	-08 27.2	21.4	-0.82	+ 7.0	2.2/24.3	1527
2001 CN ₃₅	2001 03 21.0	12 01.93	+26 32.7	15.7	-1.77	- 8.9	13.8/16.9	10782	1997 CE ₆	2001 03 21.5	12 03.44	-00 31.7	19.6	-0.93	+ 6.2	0.1/21.6	3879
1998 PO	2001 03 21.0	12 01.97	-07 14.0	17.1	-0.82	+ 5.5	2.2/23.4	9714	1998 QD ₉₀	2001 03 21.5	12 03.48	-17 20.3	20.0	-0.97	+ 3.2	5.1/26.6	3249
1999 XS ₆₆	2001 03 21.1	12 02.10	-05 15.8	18.7	-0.83	+ 5.7	1.6/22.8	2697	1996 HJ ₁₉	2001 03 21.5	12 03.48	+07 10.6	18.5	-0.79	+ 3.7	2.4/19.1	10834
1999 VC ₅₉	2001 03 21.1	12 02.20	+02 57.4	20.3	-0.93	+ 5.4	1.0/20.2	10925	1998 SP ₇	2001 03 21.5	12 03.55	+00 11.2	17.9	-0.84	+ 6.9	0.2/21.3	10867
1999 TN ₂₄₈	2001 03 21.1	12 02.33	+02 47.4	20.3	-0.84	+ 6.4	0.9/20.2	1512	1999 SL ₈	2001 03 21.5	12 03.60	+14 09.6	18.6	-1.07	+ 3.6	4.9/17.3	10902
1999 TT ₂₉	2001 03 21.2	12 02.33	-02 22.9	18.9	-0.98	+ 7.5	0.9/21.9	10905	1999 XT ₁₂₀	2001 03 21.5	12 03.63	-22 32.6	17.5	-0.92	+ 5.6	8.2/29.2	10555
1988 AX ₁	2001 03 21.2	12 02.34	-20 18.0	16.9	-1.02	+ 2.1	7.5/27.4	10824	1999 XU ₁₀₉	2001 03 21.5	12 03.64	+00 02.3	19.1	-0.85	+ 6.5	0.1/21.4	7516
1999 VP ₁₁₄	2001 03 21.2	12 02.41	-09 23.5	18.2	-1.01	+ 3.6	3.4/23.9	9773	1998 RZ ₅₈	2001 03 21.5	12 03.65	-02 27.9	19.0	-0.75	+ 4.8	0.6/22.2	10866
1997 ES ₁₇	2001 03 21.2	12 02.46	-06 30.3	17.3	-0.97	+ 5.3	2.2/23.2	9689	1999 XY ₂₀	2001 03 21.5	12 03.76	+10 16.3	17.8	-1.01	+ 4.1	3.8/18.4	10934
1999 XF ₁₆₈	2001 03 21.2	12 02.47	-09 48.4	18.3	-0.95	+ 5.3	3.2/24.2	40422	1991 GY ₅	2001 03 21.5	12 03.78	-05 37.8	17.4	-0.81	+10.3	2.4/23.5	4309
1992 HQ ₃	2001 03 21.2	12 02.47	+03 31.4	19.2	-0.78	+ 5.9	1.2/20.0	10827	1999 XA ₆₈	2001 03 21.5	12 03.81	-07 32.7	18.8	-0.95	+ 7.4	2.5/23.9	37905

1999 RK ₁₆₃	2001 03 21.6	12 03.81	-04 18.3	18.7	-1.00	+ 7.5	1.6/22.9	6904	1999 XY ₁₄₀	2001 03 22.1	12 05.61	+02 46.6	20.7	-0.76	+ 5.2	1.0/21.0	8192
1999 XR ₂₉	2001 03 21.6	12 04.04	+07 02.3	18.8	-0.97	+ 6.6	2.6/19.3	40408	1999 VP ₁₆₁	2001 03 22.1	12 05.68	-01 37.0	20.0	-0.94	+ 5.5	0.3/22.4	1209
2000 AD ₁₂	2001 03 21.6	12 04.09	+14 32.3	19.0	-0.82	+ 3.5	4.3/16.8	39338	2000 AT ₃₁	2001 03 22.1	12 05.69	+21 22.3	19.0	-0.73	+ 4.4	5.3/14.2	10575
1998 KD ₄₇	2001 03 21.6	12 04.10	-06 10.0	17.4	-0.96	+ 7.4	2.3/23.5	38052	1996 YX	2001 03 22.1	12 05.69	-13 37.3	17.4	-0.98	+ 5.7	4.9/26.3	10836
1997 AB ₁₈	2001 03 21.6	12 04.11	-02 47.1	17.2	-1.02	+ 3.3	0.9/22.4	10837	1989 TU ₄	2001 03 22.1	12 05.82	+06 35.5	18.9	-0.83	+ 5.9	2.2/19.7	38754
2001 CT ₁₉	2001 03 21.6	12 04.12	+15 24.0	18.5	-0.84	+ 2.3	4.5/16.8	10766	1997 GU ₁₀	2001 03 22.1	12 05.84	-01 55.6	19.0	-0.86	+ 7.4	0.5/22.6	176
1999 TK ₂₃₀	2001 03 21.7	12 04.14	-07 16.3	19.1	-0.78	+ 8.9	2.2/24.2	2670	1999 TU ₉₆	2001 03 22.1	12 05.85	+11 30.4	18.5	-0.90	+ 5.8	4.1/18.2	1482
1998 QT ₅	2001 03 21.7	12 04.19	-06 40.5	17.8	-0.88	+ 2.5	2.0/23.6	9714	1999 XX ₃₇	2001 03 22.1	12 05.93	-00 21.2	18.5	-0.72	+ 5.1	0.1/22.1	10934
2817 P-L	2001 03 21.7	12 04.23	+01 14.3	21.0	-0.98	+ 5.5	0.6/21.2	6136	2000 AA ₅₃	2001 03 22.1	12 05.95	-02 25.2	19.9	-0.90	+ 5.1	0.5/22.7	2266
1999 TX ₇₁	2001 03 21.7	12 04.23	+01 05.4	18.2	-0.89	+ 5.1	0.6/21.2	10429	1999 XK ₁₇₇	2001 03 22.1	12 05.97	+25 28.2	17.7	-0.79	+ 3.9	7.1/12.7	10941
1999 VV ₄	2001 03 21.7	12 04.25	+03 31.1	19.0	-0.95	+ 5.3	1.3/20.5	40388	1997 AS ₁₃	2001 03 22.1	12 06.04	-06 03.5	19.0	-1.05	+ 5.0	1.9/23.8	38040
1999 XR ₇₆	2001 03 21.7	12 04.25	+10 40.5	18.4	-0.81	+ 5.1	3.4/18.0	10936	1999 XD ₁₈₂	2001 03 22.2	12 05.96	+15 54.7	18.5	-0.99	+ 1.7	5.2/17.4	6264
1997 AB ₁	2001 03 21.7	12 04.25	+06 34.2	19.0	-0.98	+ 6.0	2.4/19.5	36889	2000 AA ₁₆₆	2001 03 22.2	12 05.98	-18 40.9	17.9	-0.71	+ 6.1	4.9/28.8	10947
2000 AM ₆₈	2001 03 21.7	12 04.28	+60 58.6	18.1	-1.51	- 2.6	19.9/05.0	10944	2000 AK ₁₄₀	2001 03 22.2	12 06.02	+01 07.9	18.8	-0.91	+ 8.0	0.6/21.6	1564
1998 QC ₁₂	2001 03 21.7	12 04.42	-14 33.9	17.4	-0.93	+ 4.2	5.0/26.2	10859	1999 WH ₂₀	2001 03 22.2	12 06.09	-34 10.4	19.8	-0.90	+ 8.1	10.0/05.0	2694
1996 WF	2001 03 21.7	12 04.53	+00 56.1	19.4	-1.03	+ 6.0	0.5/21.4	36520	1998 MH ₂₇	2001 03 22.2	12 06.09	+11 17.0	17.1	-0.97	+ 7.0	4.5/18.2	10857
1999 TC ₁₇₇	2001 03 21.7	12 04.56	+02 01.2	19.5	-1.03	+ 4.6	1.0/21.0	1169	1998 SV ₁₁₄	2001 03 22.2	12 06.12	+01 47.2	19.2	-0.71	+ 4.8	0.6/21.4	38792
1999 RO ₉₁	2001 03 21.8	12 04.51	+01 41.4	18.7	-0.92	+ 6.3	0.7/21.1	10892	1999 XJ ₁₁₆	2001 03 22.2	12 06.12	+15 56.2	18.5	-1.03	+ 1.2	5.9/17.5	10553
1998 QW ₈₉	2001 03 21.8	12 04.51	-18 45.1	17.8	-1.06	+ 1.0	6.3/26.8	10863	1998 HE ₁₀₃	2001 03 22.2	12 06.24	+08 23.2	17.4	-1.11	+ 4.3	3.9/19.6	10853
1999 TF ₁₈	2001 03 21.8	12 04.53	-01 10.1	19.2	-1.02	+ 6.7	0.2/22.0	2110	1998 SK ₃₅	2001 03 22.2	12 06.25	-00 05.9	18.5	-0.91	+ 3.7	0.2/22.1	10868
1998 QQ ₆₉	2001 03 21.8	12 04.53	-20 16.0	19.1	-0.83	+ 7.6	6.9/29.0	6809	1998 SM ₆₂	2001 03 22.2	12 06.25	-12 14.7	18.6	-0.74	+ 6.7	3.3/26.4	10869
2001 BK ₃₅	2001 03 21.8	12 04.55	-00 25.7	16.8	-0.91	+ 1.5	0.0/21.8	10705	1995 VJ	2001 03 22.2	12 06.26	+03 01.4	18.1	-0.91	+ 4.8	1.4/21.1	10833
1997 AM ₆	2001 03 21.8	12 04.56	+13 40.8	18.8	-0.96	+ 6.4	5.3/17.1	10837	1999 VM ₄₉	2001 03 22.2	12 06.34	-08 39.1	21.1	-0.91	+ 6.8	2.5/25.0	2681
1999 TB ₆₄	2001 03 21.8	12 04.61	-00 40.8	20.4	-1.02	+ 4.9	0.1/21.9	2661	1999 TO ₉₈	2001 03 22.2	12 06.40	+10 06.0	19.3	-1.00	+ 5.2	3.7/18.9	1483
2000 AC ₇₈	2001 03 21.8	12 04.62	-13 10.2	17.6	-0.75	+ 5.5	3.9/26.2	10945	1999 XW ₉₅	2001 03 22.2	12 06.40	-35 39.4	19.6	-0.96	+ 3.4	8.8/04.3	38844
2000 AK ₁₄₉	2001 03 21.8	12 04.69	+20 38.9	17.6	-0.74	+ 6.6	6.7/13.9	10947	2000 AW ₁₄₈	2001 03 22.3	12 06.34	+06 30.4	19.6	-0.79	+ 6.6	1.9/19.8	1564
1998 SF ₁₁₄	2001 03 21.8	12 04.69	+09 27.5	18.4	-0.83	+ 3.2	2.8/18.7	10870	2000 AU ₄₈	2001 03 22.3	12 06.37	+18 00.0	19.5	-0.97	+ 4.5	6.2/16.3	2711
1999 TX ₁₄₆	2001 03 21.8	12 04.76	+08 41.0	19.5	-0.92	+ 3.4	2.9/19.1	1495	1998 QS ₇₇	2001 03 22.3	12 06.38	-14 44.8	18.4	-0.80	+ 4.2	4.0/27.0	38784
1993 FQ ₂₀	2001 03 21.8	12 04.76	+05 00.3	17.4	-0.88	+ 6.9	2.1/20.0	10828	1997 AM ₁₁	2001 03 22.3	12 06.39	-02 46.4	19.7	-0.95	+ 6.4	0.7/23.0	40314
1999 VL ₁₆₈	2001 03 21.8	12 04.79	+06 28.5	18.8	-1.09	+ 4.2	2.9/19.8	6966	1995 SZ ₁₀	2001 03 22.3	12 06.48	+00 05.8	20.2	-0.93	+ 5.2	0.3/22.1	37646
1999 XZ ₂₄	2001 03 21.8	12 04.83	-13 32.5	19.7	-0.93	+ 7.2	4.2/26.3	2200	1999 XX ₁₅₄	2001 03 22.3	12 06.50	+00 47.2	19.0	-0.88	+ 6.4	0.5/21.9	38161
1999 RA ₃	2001 03 21.8	12 04.84	-01 15.2	18.2	-0.91	+ 7.0	0.3/22.1	40354	1999 XG ₈₈	2001 03 22.3	12 06.53	-02 08.1	18.1	-0.79	+ 5.3	0.4/22.8	10937
2000 AL ₃₁	2001 03 21.8	12 04.84	+08 58.4	19.2	-0.71	+ 4.7	2.3/18.6	3486	1999 XK ₃₀	2001 03 22.3	12 06.54	+08 22.5	18.7	-0.81	+ 6.2	2.9/19.3	10934
2000 AY ₅₁	2001 03 21.8	12 04.84	+03 24.4	17.4	-1.06	+ 2.7	1.6/20.8	10944	1994 SF ₅	2001 03 22.3	12 06.56	-01 53.1	19.5	-0.77	+10.3	0.4/22.8	33244
1996 PQ ₂	2001 03 21.8	12 04.86	-25 46.6	18.7	-1.46	- 3.1	11.8/27.4	1909	1999 RY ₁₁₄	2001 03 22.3	12 06.59	-06 51.8	17.9	-0.95	+ 8.9	2.5/24.5	2083
1996 WX	2001 03 21.8	12 04.88	+09 33.5	18.5	-1.07	+ 3.5	4.3/19.0	10835	1998 HY ₅	2001 03 22.3	12 06.66	+01 41.1	18.9	-0.95	+ 9.0	0.9/21.6	9704
1999 RR ₃₄	2001 03 21.8	12 04.88	-00 03.1	20.1	-0.93	+ 7.3	0.2/21.7	2075	1999 TE	2001 03 22.3	12 06.69	-04 14.5	20.0	-0.96	+ 6.8	1.2/23.5	40375
1989 TY ₆	2001 03 21.9	12 04.86	+08 46.5	20.0	-1.04	+ 4.9	3.3/19.1	967	1999 SC ₂	2001 03 22.3	12 06.69	-15 50.9	18.2	-0.87	+12.5	4.7/28.2	10407
1999 UZ ₁₃	2001 03 21.9	12 04.89	+04 28.1	19.8	-0.99	+ 6.7	1.8/20.3	2146	2000 AX ₁₀₁	2001 03 22.3	12 06.72	+25 15.1	18.0	-0.97	+ 3.0	8.3/13.9	10945
1999 VS ₂₆	2001 03 21.9	12 04.94	+03 32.9	19.4	-0.91	+ 5.2	1.3/20.6	5652	1999 TL ₁₁	2001 03 22.4	12 06.86	-10 38.7	17.9	-0.84	+10.1	3.3/26.1	10904
1999 XQ ₂₅	2001 03 21.9	12 04.98	+15 26.4	19.9	-0.91	+ 4.3	4.9/16.8	38835	2000 AA ₇₀	2001 03 22.4	12 06.92	+06 47.3	18.6	-0.83	+ 6.5	2.4/19.9	10944
1998 UQ ₂₅	2001 03 21.9	12 05.01	+07 17.5	18.2	-0.75	+ 5.9	2.3/19.2	10873	1998 QF ₆₄	2001 03 22.4	12 06.95	-15 42.5	20.5	-0.79	+ 5.1	3.8/27.5	1956
1999 VY ₅₈	2001 03 21.9	12 05.06	-05 35.8	17.7	-0.88	+ 6.9	1.9/23.6	40396	1998 SA ₁₂₃	2001 03 22.4	12 06.95	-01 05.2	19.8	-0.72	+ 4.6	0.1/22.6	10870
1999 TB ₂₄₈	2001 03 21.9	12 05.11	-03 30.9	18.8	-0.93	+ 8.9	1.1/23.0	1512	2001 BC ₇₇	2001 03 22.4	12 07.00	+07 44.3	18.0	-0.94	+ 6.3	3.4/19.7	10737
1999 TO ₂₄₈	2001 03 21.9	12 05.19	-08 46.5	20.4	-0.82	+ 8.3	2.3/25.0	2671	1999 NR ₂	2001 03 22.4	12 07.04	+44 42.3	17.3	-1.06	+12.3	19.4/05.0	10885
1999 XJ ₁₂₆	2001 03 21.9	12 05.28	+06 27.1	18.6	-1.01	+ 4.3	2.4/19.9	2699	1999 UG ₂₅	2001 03 22.4	12 07.05	+00 45.3	21.4	-0.89	+ 4.2	0.4/22.0	325
1999 VQ ₃₈	2001 03 22.0	12 05.25	+04 08.1	21.0	-0.94	+ 5.9	1.6/20.5	6961	1999 XE ₇₁	2001 03 22.4	12 07.10	-11 50.6	19.5	-0.83	+ 6.3	3.2/26.3	1552
1998 RM ₇₆	2001 03 22.0	12 05.43	+06 32.2	18.4	-0.84	+ 2.5	2.0/19.9	9719	1997 FB ₅	2001 03 22.5	12 07.06	+00 02.1	18.9	-0.89	+ 5.0	0.3/22.3	10839
1999 XP ₇₃	2001 03 22.0	12 05.48	-01 08.2	17.8	-0.75	+ 5.0	0.2/22.2	38146	1999 XD ₁₆	2001 03 22.5	12 07.09	+08 29.4	18.7	-0.87	+ 3.7	2.3/19.6	3923
1999 RP ₂₃	2001 03 22.0	12 05.50	+02 15.1	19.4	-1.02	+ 4.5	1.0/21.2	2650	1999 XA ₁₈₃	2001 03 22.5	12 07.13	+18 30.6	17.0	-1.01	+ 2.4	6.1/16.7	10941
1996 VZ ₂₄	2001 03 22.0	12 05.68	+03 25.6	21.3	-1.05	+ 6.0	1.5/20.9	3156	1995 WB ₉	2001 03 22.5	12 07.14	-31 38.3	17.6	-0.81	+11.3	10.3/05.1	10833

1999 XN ₈₃	2001 03 22.5	12 07.19 +23 04.9 18.4	-0.90 + 5.7	7.2/13.9	10936	2000 AS ₅₃	2001 03 22.9	12 08.84 +02 30.5 18.2	-0.74 + 5.1	1.0/21.8	9785
1999 VQ ₁₆₉	2001 03 22.5	12 07.29 -04 46.4 18.6	-0.86 + 4.8	1.4/23.8	2176	1992 RP ₅	2001 03 22.9	12 08.87 +03 45.9 19.5	-0.99 + 6.2	1.6/21.5	38027
1998 SK ₆₅	2001 03 22.5	12 07.31 +04 04.1 17.8	-0.81 + 6.8	1.5/20.9	10869	1999 RN ₂₀₈	2001 03 22.9	12 08.88 -10 59.3 19.5	-0.89 + 7.3	3.3/26.4	40372
1998 SB ₅₉	2001 03 22.5	12 07.36 +00 42.6 19.3	-0.73 + 5.7	0.4/22.1	38791	1981 EV ₁₁	2001 03 22.9	12 08.88 -07 57.7 18.0	-0.92 + 9.1	2.7/25.4	40290
2000 XW ₁₄	2001 03 22.5	12 07.37 +15 42.9 16.7	-0.82 + 3.3	6.1/17.2	11009	1998 QL ₅₅	2001 03 22.9	12 08.89 -00 36.8 19.8	-0.71 + 4.4	0.1/22.9	3896
2000 CX ₄	2001 03 22.5	12 07.38 +11 21.7 18.3	-0.70 + 6.0	3.1/18.2	10594	1999 XC ₈₈	2001 03 23.0	12 08.94 -11 43.9 19.0	-0.82 + 5.6	3.0/26.6	40413
2000 AO ₅₂	2001 03 22.5	12 07.38 -19 10.4 18.8	-0.85 + 6.5	5.6/29.1	40430	1999 TS ₁₅₅	2001 03 23.0	12 08.96 -02 01.0 19.8	-0.95 + 8.4	0.4/23.4	664
1999 VL ₂₀	2001 03 22.5	12 07.38 -16 38.4 18.8	-0.96 + 3.9	5.0/27.6	5651	1998 RL ₆₉	2001 03 23.0	12 09.00 +00 35.6 18.6	-0.83 + 2.6	0.4/22.6	38496
1999 XO ₁₂₂	2001 03 22.5	12 07.40 -04 19.3 18.6	-0.98 + 4.1	1.2/23.6	691	2000 AU ₉₉	2001 03 23.0	12 09.02 +02 45.2 17.7	-0.86 + 6.5	1.3/21.8	10580
2000 AR ₁₇₀	2001 03 22.5	12 07.40 -00 43.8 18.8	-0.87 + 8.1	0.0/22.6	5693	1994 PM ₃₀	2001 03 23.0	12 09.06 -02 00.3 20.3	-0.84 + 7.5	0.3/23.4	9677
1998 SN ₆₅	2001 03 22.5	12 07.46 +10 09.9 19.1	-0.85 + 4.4	3.1/19.0	33758	1999 XC ₁₃	2001 03 23.0	12 09.07 -02 40.7 18.6	-0.80 + 9.1	0.6/23.7	9776
2000 AS ₁₃₃	2001 03 22.5	12 07.47 -00 16.9 18.7	-0.83 + 4.4	0.2/22.4	2719	1999 TA ₂₈₉	2001 03 23.0	12 09.07 +01 43.9 20.9	-0.94 + 7.2	0.9/22.2	6950
1999 TN ₂₁₉	2001 03 22.6	12 07.43 -05 44.0 18.1	-1.12 + 0.9	2.0/23.9	9763	1999 TD ₂₀₇	2001 03 23.0	12 09.16 -14 42.6 22.2	-0.94 + 2.7	3.6/27.3	668
1998 SA ₅₆	2001 03 22.6	12 07.60 -00 03.6 19.8	-0.72 + 4.9	0.2/22.4	38790	1999 XU ₈₆	2001 03 23.0	12 09.28 -12 45.1 17.9	-0.77 + 4.3	3.2/27.0	40413
1992 CL ₂	2001 03 22.6	12 07.60 -22 00.6 17.5	-0.89 + 4.1	8.1/29.7	10827	2000 AX ₁₇₅	2001 03 23.1	12 09.22 -13 06.2 18.4	-0.72 + 6.3	3.2/27.4	2315
1998 SH ₁₆₃	2001 03 22.6	12 07.63 +01 24.7 20.1	-0.89 + 3.5	0.7/22.0	33300	1999 XR ₂₇	2001 03 23.1	12 09.25 +08 13.5 19.1	-0.98 + 5.8	3.0/20.2	2695
1999 TK ₁₉₃	2001 03 22.6	12 07.64 -12 47.3 19.7	-0.85 + 5.8	3.7/26.7	1504	1999 VQ ₃₆	2001 03 23.1	12 09.33 +10 15.8 19.1	-1.00 + 5.0	3.8/19.6	40393
1999 WZ ₃	2001 03 22.6	12 07.66 -01 47.5 17.4	-0.79 + 5.6	0.3/23.0	5661	2000 AM ₁₇₂	2001 03 23.1	12 09.36 +05 17.3 18.7	-0.78 + 7.1	1.9/20.9	10947
2000 AB ₈₀	2001 03 22.6	12 07.73 -24 21.3 18.1	-0.76 + 4.5	6.5/31.1	2714	2001 CU ₁₉	2001 03 23.1	12 09.37 +17 30.4 18.6	-0.79 + 4.3	5.5/16.7	10766
1998 VV ₅₃	2001 03 22.6	12 07.78 -29 04.7 17.3	-0.75 + 5.0	7.2/02.3	3269	1999 XP ₁₁₈	2001 03 23.1	12 09.47 -01 38.0 18.9	-0.94 + 5.4	0.2/23.3	40418
1999 XV ₁₂₇	2001 03 22.6	12 07.84 -26 04.8 17.8	-0.82 + 2.9	7.8/31.4	38850	1999 VT ₂₂	2001 03 23.1	12 09.48 -09 41.6 17.0	-0.95 + 3.2	3.0/25.8	9769
1999 XX ₂₄	2001 03 22.7	12 07.84 +10 53.8 19.3	-0.95 + 4.6	3.9/19.0	1548	1982 TJ	2001 03 23.1	12 09.54 +02 13.8 19.8	-0.83 + 5.4	0.8/22.1	40291
1999 TN ₁₂₂	2001 03 22.7	12 07.89 +05 28.9 17.7	-0.90 + 7.0	2.8/20.6	10910	1999 XO ₁₉₀	2001 03 23.1	12 09.55 +00 42.3 17.3	-0.98 + 4.2	0.6/22.6	10941
1184 T-3	2001 03 22.7	12 07.90 -14 14.9 19.4	-0.74 + 7.7	3.9/27.7	2804	1999 TJ ₂₆	2001 03 23.1	12 09.56 -04 57.3 18.8	-0.91 + 7.0	1.3/24.5	40381
1999 XC ₃₈	2001 03 22.7	12 07.90 +18 22.5 20.3	-0.92 + 4.2	5.4/16.5	40410	1999 TS ₁₇	2001 03 23.1	12 09.62 -03 39.3 18.9	-0.90 + 7.6	0.9/24.1	40379
1999 XQ ₁₄₄	2001 03 22.7	12 07.90 -25 16.5 18.1	-0.99 + 3.7	9.0/30.7	10939	2000 AY ₁₇₀	2001 03 23.1	12 09.66 +10 18.3 18.2	-0.82 + 6.6	3.2/19.3	40441
1999 VA ₉₀	2001 03 22.7	12 07.95 -01 48.6 20.3	-0.95 + 6.8	0.3/23.0	331	1998 QR ₃₄	2001 03 23.1	12 09.67 +02 13.7 19.7	-0.92 + 4.3	1.0/22.2	6808
1999 XJ ₇₅	2001 03 22.7	12 07.99 +13 33.9 19.9	-0.82 + 4.8	3.9/18.0	40412	1992 PZ ₃	2001 03 23.2	12 09.60 -08 51.0 17.7	-1.04 + 4.6	2.7/25.5	8373
1999 VA ₁₅₄	2001 03 22.7	12 08.04 +03 20.2 17.4	-0.74 + 9.2	1.5/21.2	10928	1999 XM ₁₀₃	2001 03 23.2	12 09.60 -18 20.5 20.1	-0.90 + 4.6	4.7/28.9	7516
1999 UP ₂	2001 03 22.7	12 08.10 +24 08.4 20.6	-1.00 + 2.1	7.4/15.1	40383	2000 AA ₁₀₃	2001 03 23.2	12 09.61 +01 09.3 18.7	-0.89 + 7.1	0.7/22.5	2289
1999 TW ₃₅	2001 03 22.7	12 08.11 +00 40.8 18.7	-1.11 + 1.9	0.7/22.4	10906	1997 GX ₁₈	2001 03 23.2	12 09.61 -04 08.4 18.1	-0.88 + 5.9	1.2/24.2	9690
1997 LN ₄	2001 03 22.7	12 08.12 +00 00.7 17.1	-0.77 + 7.6	0.4/22.5	2627	1999 WO ₁₃	2001 03 23.2	12 09.68 +00 44.9 18.3	-0.92 + 7.6	0.7/22.6	10527
2000 AF ₁₆	2001 03 22.7	12 08.17 -20 08.9 19.7	-0.88 + 4.7	5.4/29.3	7518	4343 T-1	2001 03 23.2	12 09.73 +03 09.0 22.9	-0.99 + 6.2	1.5/21.9	3843
1998 UA	2001 03 22.7	12 08.18 -38 56.5 17.1	-0.76 +13.2	12.9/10.1	227	1999 UW ₅₂	2001 03 23.2	12 09.79 -01 52.7 17.6	-0.73 +12.4	0.3/23.6	9768
1995 OY	2001 03 22.7	12 08.19 -11 44.7 18.8	-1.03 + 4.3	4.4/26.1	161	1999 VN ₅	2001 03 23.2	12 09.83 -09 06.7 18.6	-0.84 + 7.0	2.5/26.0	38099
1999 VA ₁₈₈	2001 03 22.8	12 08.13 +25 03.6 21.0	-0.88 + 2.0	7.4/14.5	2689	1999 RT ₂₇	2001 03 23.2	12 09.96 +00 44.3 18.0	-0.92 + 7.3	0.7/22.7	10889
1039 T-2	2001 03 22.8	12 08.19 -01 48.2 19.2	-0.98 + 2.9	0.3/23.1	1388	1999 TF ₁₅₁	2001 03 23.2	12 09.96 +09 25.6 18.0	-1.03 + 3.3	4.4/20.2	10445
1999 XF ₃₂	2001 03 22.8	12 08.21 -09 40.1 18.0	-0.83 + 5.4	2.4/25.7	2695	1990 WH ₂	2001 03 23.3	12 10.19 +23 49.3 19.1	-0.92 + 4.8	8.2/14.4	6705
1999 UQ ₁₂	2001 03 22.8	12 08.23 -05 32.2 19.1	-0.93 + 8.7	1.7/24.4	2676	1999 RH ₁₆₇	2001 03 23.3	12 10.19 +02 16.0 18.3	-1.04 + 4.2	1.2/22.4	40368
1998 QX ₈₅	2001 03 22.8	12 08.25 -06 01.2 19.3	-0.67 + 7.5	1.3/24.7	5496	1999 XY ₁₅₈	2001 03 23.3	12 10.20 -05 04.4 18.2	-0.80 + 6.4	1.3/24.7	2235
1998 RC ₅₄	2001 03 22.8	12 08.33 -08 35.0 18.9	-0.79 + 3.4	2.1/25.3	6217	1038 T-2	2001 03 23.3	12 10.25 -02 28.5 20.2	-0.99 + 7.1	0.5/23.8	11065
1999 TW ₁₃₆	2001 03 22.8	12 08.35 -00 02.3 18.0	-0.96 + 3.4	0.4/22.6	10443	1998 OA ₁₂	2001 03 23.3	12 10.33 -18 21.8 20.3	-0.90 + 3.1	4.8/28.8	10858
1999 TT ₉₉	2001 03 22.8	12 08.46 +08 56.0 18.4	-0.90 + 7.1	3.4/19.6	1483	2000 AR ₂₂₄	2001 03 23.3	12 10.35 -03 45.5 18.7	-0.99 + 6.6	1.0/24.2	3500
1999 UH ₄₄	2001 03 22.8	12 08.50 +00 42.0 17.8	-1.09 + 2.4	0.7/22.4	10920	1994 AU ₆	2001 03 23.4	12 10.35 +02 02.0 18.3	-0.71 + 4.9	0.8/22.3	38762
1999 VC ₆₇	2001 03 22.8	12 08.54 +06 18.1 18.8	-0.89 + 4.9	2.6/20.6	38120	1999 WJ ₆	2001 03 23.4	12 10.36 +02 01.0 19.5	-0.85 + 6.2	1.0/22.4	10526
1999 RY ₁₈	2001 03 22.8	12 08.57 -11 56.4 18.2	-1.61 - 4.0	5.2/24.9	9737	2000 AP ₁₆₅	2001 03 23.4	12 10.39 -06 51.2 18.1	-0.78 + 8.5	1.7/25.5	2311
1999 VJ ₅	2001 03 22.9	12 08.52 -02 30.3 18.3	-1.02 + 5.3	0.5/23.4	2679	1998 UG ₄₀	2001 03 23.4	12 10.43 -06 27.4 19.4	-0.73 + 4.3	1.3/25.2	10873
1993 FM ₄₅	2001 03 22.9	12 08.59 +01 25.3 18.1	-0.91 + 4.9	0.8/22.2	10829	1997 GX ₂	2001 03 23.4	12 10.47 -00 21.1 19.8	-0.85 + 6.3	0.2/23.2	6756
1999 RG ₂₉	2001 03 22.9	12 08.60 +13 43.5 19.2	-0.94 +13.9	4.9/17.4	10889	2000 AO ₂₃	2001 03 23.4	12 10.50 +01 14.7 17.7	-0.76 + 4.3	0.7/22.7	10944
1999 XG ₁₅₅	2001 03 22.9	12 08.65 +06 31.6 20.4	-0.85 + 5.6	2.1/20.5	1557	1999 XM ₂₀₄	2001 03 23.4	12 10.53 +12 13.0 18.9	-0.77 + 3.2	3.3/19.1	39334
4366 T-3	2001 03 22.9	12 08.74 +04 52.8 19.2	-0.95 + 6.0	2.1/21.1	11067	1999 TA ₂₃₃	2001 03 23.4	12 10.66 +11 58.0 18.7	-0.79 + 9.1	4.2/18.7	1510

1999 XJ ₂₃₀	2001 03 23.4	12 10.68 -01 53.1 18.8	-1.06 + 4.5	0.3/23.7	10942	1999 RY ₂₃₅	2001 03 23.8	12 12.09 +17 03.1 18.2	-0.98 + 6.2	7.1/17.7	10901
2000 AR ₁₀₂	2001 03 23.4	12 10.73 +23 14.9 18.4	-0.84 + 5.0	8.3/14.7	10581	1998 RO ₇₅	2001 03 23.9	12 12.16 +02 43.7 18.1	-0.85 + 3.7	1.2/22.6	10335
1999 YQ ₁₀	2001 03 23.4	12 10.77 -02 53.5 18.1	-0.94 + 8.0	0.7/24.1	10943	1999 CS ₁₃₃	2001 03 23.9	12 12.27 -15 29.0 20.2	-0.72 + 5.0	3.5/28.8	6222
1999 VX ₄	2001 03 23.5	12 10.68 -01 34.0 18.5	-0.88 + 6.0	0.1/23.6	2679	1999 XU ₆₄	2001 03 23.9	12 12.27 +02 07.9 18.9	-0.77 + 4.7	1.0/22.8	10936
1999 RN ₁₆₉	2001 03 23.5	12 10.72 -07 03.8 19.3	-1.00 + 5.4	2.1/25.3	1461	3089 T-3	2001 03 23.9	12 12.41 -04 47.3 19.9	-0.89 + 8.5	1.2/25.1	2595
1998 QQ ₉₇	2001 03 23.5	12 10.74 -18 08.8 19.7	-0.81 + 4.0	4.9/29.2	10864	1991 VN ₃	2001 03 24.0	12 12.54 +08 11.0 18.6	-0.96 + 4.5	3.1/21.1	10827
1998 RL ₅₃	2001 03 23.5	12 10.80 -05 47.3 18.2	-0.83 + 2.7	1.4/25.0	38787	1999 XK ₃₆	2001 03 24.0	12 12.55 +11 49.6 20.7	-0.85 + 4.8	3.6/19.7	1549
1999 PS ₄	2001 03 23.5	12 10.83 -03 44.7 18.7	-0.98 + 6.5	1.0/24.4	40353	1999 TP ₁₃	2001 03 24.0	12 12.64 -03 21.6 18.0	-0.93 + 6.7	0.7/24.7	40378
1999 TP ₁	2001 03 23.5	12 10.87 -02 57.2 19.0	-0.91 + 6.5	0.6/24.1	40376	1998 QA ₇₃	2001 03 24.0	12 12.69 -01 52.8 20.1	-0.66 + 7.1	0.1/24.2	3896
1999 RG ₂₃₄	2001 03 23.5	12 10.93 +08 29.8 20.2	-0.91 + 5.1	2.9/20.5	1468	1999 TO ₁₉₈	2001 03 24.0	12 12.70 -06 57.2 17.4	-1.05 + 5.2	2.3/25.7	2669
1999 UT ₃	2001 03 23.5	12 10.99 -14 27.3 18.5	-0.89 + 8.2	4.3/28.2	10918	1998 UN ₁₅	2001 03 24.0	12 12.70 +01 26.7 18.8	-0.70 + 4.6	0.7/23.1	10872
1998 QQ ₅₇	2001 03 23.5	12 11.01 -01 34.3 20.8	-0.85 + 6.0	0.1/23.7	32978	1999 XF ₁₂₂	2001 03 24.0	12 12.73 +03 53.4 19.2	-0.93 + 1.8	1.7/22.5	10939
1999 XX ₁₉₂	2001 03 23.5	12 11.05 -12 01.3 17.8	-0.85 + 2.5	3.4/26.9	40424	1999 TZ ₄₀	2001 03 24.0	12 12.81 +03 58.7 20.0	-0.94 + 4.3	1.7/22.4	2660
1993 TF ₁₅	2001 03 23.6	12 11.14 +04 21.3 18.8	-0.82 + 3.0	1.5/21.9	38446	1999 XD ₅₂	2001 03 24.0	12 12.85 +06 22.3 18.9	-1.06 + 5.6	2.9/21.7	2696
1999 RZ ₃₈	2001 03 23.6	12 11.16 +11 17.7 18.1	-0.94 + 5.3	4.5/19.7	10890	1998 RD ₁₃	2001 03 24.0	12 12.89 -01 13.8 18.6	-0.76 + 5.5	0.0/24.0	5498
1999 XH ₄₈	2001 03 23.6	12 11.25 +05 37.8 18.0	-0.90 + 6.1	2.9/21.4	10935	1999 XY ₉₀	2001 03 24.0	12 12.91 -11 35.0 19.4	-0.75 + 4.5	2.6/27.5	1553
2000 AZ ₈₂	2001 03 23.6	12 11.28 -03 02.4 19.1	-0.71 + 5.3	0.5/24.3	39343	1998 UO ₄₄	2001 03 24.0	12 12.93 +06 23.7 18.7	-0.80 + 3.4	2.2/21.6	10873
1998 QC ₂₃	2001 03 23.6	12 11.28 +06 50.3 19.7	-0.86 + 6.2	2.4/21.0	33081	2000 BC ₂₂	2001 03 24.1	12 12.88 +01 51.7 19.7	-0.70 + 4.7	0.8/23.0	9315
1993 UL ₇	2001 03 23.6	12 11.31 +01 17.2 19.8	-0.70 + 7.4	0.7/22.8	33238	1999 TO ₁₀₁	2001 03 24.1	12 13.09 +07 56.7 19.9	-0.78 + 8.8	2.7/20.8	5632
1999 XA ₁₁₅	2001 03 23.6	12 11.33 -21 39.1 19.4	-0.89 + 4.8	5.6/30.7	40417	1999 VP ₂₀₀	2001 03 24.1	12 13.12 +19 13.9 19.7	-0.84 + 7.7	6.6/16.6	2691
2000 BZ ₁₆	2001 03 23.6	12 11.35 -09 21.3 17.6	-0.84 + 3.2	2.5/26.2	2336	1993 FE ₇₆	2001 03 24.1	12 13.13 -03 45.2 18.9	-0.88 + 6.6	0.7/24.9	34289
1999 VE ₁₈₈	2001 03 23.6	12 11.43 +02 56.4 17.6	-0.84 + 7.0	1.6/22.3	10930	1998 QC ₄₂	2001 03 24.1	12 13.16 +00 27.9 18.3	-1.04 + 3.5	0.7/23.6	10861
2000 AE ₁₃₂	2001 03 23.7	12 11.41 +07 18.4 18.8	-0.76 + 4.0	2.3/20.9	38685	1999 RN ₉₁	2001 03 24.1	12 13.25 +01 24.7 19.3	-0.93 + 6.8	1.0/23.3	40362
1998 RM ₅₈	2001 03 23.7	12 11.47 -01 52.2 18.0	-0.81 + 4.7	0.2/23.9	10866	2000 AV ₅₂	2001 03 24.1	12 13.30 -20 51.9 19.8	-0.86 + 6.5	6.1/31.2	2712
1999 XN ₉₃	2001 03 23.7	12 11.49 +16 18.9 19.1	-0.82 + 5.4	4.8/17.6	6978	2001 BX ₇₇	2001 03 24.2	12 13.26 +04 00.6 18.2	-0.71 + 8.4	1.7/22.2	10737
1998 QL ₈₉	2001 03 23.7	12 11.50 -14 09.2 19.2	-0.83 + 7.3	3.8/28.2	34302	1999 RT ₃₆	2001 03 24.2	12 13.32 -02 50.0 18.7	-1.03 + 2.1	8.5/14.0	40358
1999 TR ₂₂₈	2001 03 23.7	12 11.51 +02 37.7 20.8	-0.82 + 7.1	1.1/22.4	1509	1999 XZ ₁₂₁	2001 03 24.2	12 13.35 -06 48.0 21.1	-1.03 + 5.4	1.7/25.9	691
1999 TR ₁	2001 03 23.7	12 11.53 -04 26.2 18.0	-0.89 + 8.7	1.2/24.8	40376	3172 T-3	2001 03 24.2	12 13.38 -02 05.1 20.7	-0.94 + 5.9	0.2/24.4	2805
2000 AF ₆₈	2001 03 23.7	12 11.63 +02 57.6 17.6	-0.86 + 8.7	1.5/22.3	10944	1999 XG ₁₁	2001 03 24.2	12 13.40 -11 06.6 19.2	-0.97 + 5.3	3.4/27.3	2195
1999 XZ ₉₅	2001 03 23.7	12 11.68 +21 51.2 18.4	-0.79 + 3.3	5.9/15.9	10937	1998 SY ₂₂	2001 03 24.2	12 13.40 -07 32.4 19.2	-0.72 + 6.9	1.7/26.4	37767
1999 XR ₂₀₉	2001 03 23.7	12 11.71 -25 42.5 18.2	-0.89 + 2.2	7.2/31.9	9783	4587 P-L	2001 03 24.2	12 13.40 -02 10.4 18.3	-0.90 + 6.8	0.2/24.5	38191
1994 PQ ₁	2001 03 23.7	12 11.72 +39 18.3 20.6	-1.00 + 2.8	9.7/08.2	25083	1998 SA ₁	2001 03 24.2	12 13.52 -00 48.5 18.6	-0.70 + 4.8	0.2/24.0	40336
4737 P-L	2001 03 23.7	12 11.75 +00 31.5 19.3	-0.98 + 1.2	0.6/23.3	34265	2000 AU ₁₃₀	2001 03 24.2	12 13.53 +06 36.3 18.2	-0.84 + 6.3	2.3/21.6	2298
1999 XK ₁₆₇	2001 03 23.7	12 11.80 -15 41.6 18.5	-0.85 + 5.0	4.1/28.6	40422	1999 VG ₁₁	2001 03 24.2	12 13.56 +11 36.5 17.0	-0.97 + 4.6	5.3/20.1	10921
1999 RN ₂₀	2001 03 23.7	12 11.80 +05 39.0 18.9	-0.92 +14.6	2.2/21.2	10888	2000 AO ₁₅₄	2001 03 24.2	12 13.56 +05 25.2 17.1	-0.89 + 3.8	2.3/22.1	10947
1997 HA ₁₀	2001 03 23.7	12 11.80 +04 39.3 19.4	-0.83 + 5.2	1.7/21.8	38044	1999 XP ₂₂₉	2001 03 24.2	12 13.61 -01 39.8 18.2	-1.04 + 3.8	0.1/24.3	1559
1999 VE ₁₄	2001 03 23.7	12 11.81 -30 10.6 20.0	-0.97 + 7.5	8.7/03.6	40390	1999 YE ₅	2001 03 24.3	12 13.61 +13 54.6 18.1	-0.90 + 4.3	5.0/19.4	10943
2000 AE ₁₉₉	2001 03 23.7	12 11.85 +24 04.6 18.8	-0.91 + 5.0	8.3/15.0	10590	1997 CJ ₅	2001 03 24.3	12 13.62 -02 19.7 17.6	-0.92 + 5.8	0.4/24.6	10838
1999 TT ₂₅	2001 03 23.8	12 11.84 +00 41.9 19.3	-1.07 + 4.7	0.7/23.2	2659	1247 T-2	2001 03 24.3	12 13.62 -02 25.8 20.0	-0.92 + 6.9	0.3/24.6	40532
1999 XW ₁₇₂	2001 03 23.8	12 11.86 -26 07.6 18.2	-0.83 + 2.6	6.9/01.2	9782	2000 AT ₄₈	2001 03 24.3	12 13.64 +10 57.6 19.2	-0.96 + 5.3	4.3/20.4	10944
1999 TQ ₁₁₈	2001 03 23.8	12 11.90 -04 36.6 19.7	-0.94 + 6.1	1.1/25.0	1148	1998 SU ₇₉	2001 03 24.3	12 13.72 -00 30.2 19.9	-0.77 + 4.5	0.3/24.0	6218
2000 CR ₆	2001 03 23.8	12 11.91 -07 31.6 20.3	-0.75 + 4.6	1.6/25.9	2343	1999 XM ₁₁	2001 03 24.3	12 13.73 -07 03.3 20.0	-0.89 + 5.2	1.6/26.1	40404
1999 YO ₁₅	2001 03 23.8	12 11.96 -01 54.4 19.0	-0.83 + 6.5	0.2/24.0	2707	2000 AN ₂₀₆	2001 03 24.3	12 13.87 -03 01.9 19.4	-0.78 + 5.0	0.5/24.9	3499
1999 XH ₁₁₅	2001 03 23.8	12 11.97 -00 53.6 18.8	-0.83 + 4.0	0.1/23.7	39329	1992 US ₁	2001 03 24.3	12 13.91 +08 23.2 18.4	-1.03 + 4.3	3.5/21.4	10828
1999 XC ₂₃₀	2001 03 23.8	12 12.00 +11 12.8 18.3	-0.96 + 1.5	4.1/20.3	10569	2000 AX ₅₂	2001 03 24.3	12 13.92 -08 03.0 19.5	-0.95 + 5.7	2.1/26.4	40430
1219 T-2	2001 03 23.8	12 12.02 -00 52.3 20.8	-1.03 + 5.6	0.2/23.7	6155	1999 RM ₁₈₂	2001 03 24.3	12 13.93 -03 29.6 19.1	-0.97 + 5.7	0.7/25.0	6908
1998 US	2001 03 23.8	12 12.02 -17 23.4 18.2	-0.92 + 9.3	6.4/29.4	4921	1999 TG ₁₁₂	2001 03 24.3	12 13.94 -02 16.0 19.6	-0.95 + 5.5	0.3/24.6	2663
1999 VN ₅₆	2001 03 23.8	12 12.03 +07 58.5 18.6	-1.00 + 4.1	3.3/21.1	10498	1999 VL ₃₆	2001 03 24.3	12 13.96 -05 37.7 18.0	-0.81 + 5.9	1.3/25.8	38817
1999 XO ₁₅₇	2001 03 23.8	12 12.04 -04 49.3 18.6	-0.72 + 6.0	1.1/25.1	2701	1999 XV ₁₃₅	2001 03 24.3	12 14.03 +36 34.0 18.8	-0.91 + 3.9	10.0/09.5	40419
1994 GV ₁₀	2001 03 23.8	12 12.06 +17 11.9 17.0	-1.03 + 1.6	8.4/18.3	10830	1997 GL	2001 03 24.4	12 13.96 -01 18.1 19.4	-0.87 + 5.9	0.1/24.3	35699
1999 TP ₂₁₆	2001 03 23.8	12 12.07 -05 31.3 20.0	-0.98 + 4.5	1.5/25.1	5639	1999 XG ₁₈₅	2001 03 24.4	12 13.96 -05 21.8 19.9	-0.85 + 4.2	1.1/25.6	3923

2000 AA ₁₁₁	2001 03 24.4	12 13.98	-01 27.4	17.4	-0.77	+	5.6	0.0/24.4	2717	1998 RP ₆	2001 03 24.9	12 15.87	-16 35.3	18.2	-1.02	+	2.2	5.2/29.2	9718
1999 UH ₄₁	2001 03 24.4	12 14.01	-03 47.3	19.6	-0.86	+	8.6	0.7/25.2	1517	1999 XT ₂₂₀	2001 03 24.9	12 15.87	+10 19.5	19.5	-0.96	+	6.5	4.2/21.0	2704
1999 TG ₁₂	2001 03 24.4	12 14.06	+01 02.6	19.2	-0.91	+	6.7	0.8/23.6	40378	1979 MZ ₁	2001 03 24.9	12 15.88	+05 01.9	18.9	-0.79	+	6.3	2.0/22.6	38017
1999 TY ₁₇₂	2001 03 24.4	12 14.07	+02 52.7	18.8	-0.86	+	6.8	1.6/23.0	10912	1999 VD ₈₁	2001 03 24.9	12 15.90	+03 18.3	18.2	-0.78	+	5.7	1.5/23.2	10926
2000 AA ₁₀₂	2001 03 24.4	12 14.08	+09 45.8	19.0	-0.93	+	6.4	3.7/20.7	10945	1999 TR ₁₀₈	2001 03 24.9	12 15.90	-07 25.9	17.9	-1.03	+	5.4	2.2/26.7	1141
1998 QE ₂₆	2001 03 24.4	12 14.19	-08 47.8	18.7	-0.92	+	2.6	2.2/26.6	38781	1999 XH ₇	2001 03 24.9	12 15.97	+20 53.3	17.6	-1.01	+	1.3	8.6/17.9	10932
2001 DT ₂₁	2001 03 24.4	12 14.19	+18 01.9	18.4	-0.80	+	6.3	7.5/17.4	10799	1999 XC ₁₀₇	2001 03 24.9	12 15.97	+03 02.9	18.8	-0.94	+	5.5	1.5/23.4	10937
1999 WO ₈	2001 03 24.4	12 14.22	-05 13.3	18.5	-0.89	+	8.0	1.3/25.7	2189	1999 RL ₂₄₁	2001 03 24.9	12 15.98	-02 45.1	18.8	-0.94	+	7.6	0.4/25.3	10901
1999 VT ₁₅₇	2001 03 24.4	12 14.28	-09 37.2	18.6	-0.91	+	8.7	3.0/27.3	683	1999 TT ₂₄₂	2001 03 24.9	12 16.03	+09 33.3	19.2	-0.87	+	6.7	3.6/21.2	10461
1999 VD ₂₀₂	2001 03 24.5	12 14.33	-08 32.1	18.9	-1.03	+	4.5	2.6/26.6	2691	1999 TE ₁₀₃	2001 03 24.9	12 16.03	+07 18.3	21.5	-0.77	+	6.7	2.3/21.8	2662
1999 VK ₅₉	2001 03 24.5	12 14.34	-03 04.2	19.6	-0.97	+	6.3	0.5/25.0	676	1999 XE ₁₃₅	2001 03 24.9	12 16.11	+06 10.3	18.5	-0.96	+	8.0	2.7/22.3	38850
2000 AA ₁₄₆	2001 03 24.5	12 14.35	-04 01.2	18.4	-0.99	+	4.6	0.9/25.3	10585	2000 AJ ₁₅₁	2001 03 24.9	12 16.18	+08 45.5	18.0	-1.03	+	4.2	4.0/21.8	10947
1998 QK ₄₈	2001 03 24.5	12 14.36	-11 22.8	18.2	-0.85	+	3.1	3.0/27.6	10862	1999 XD ₄₄	2001 03 24.9	12 16.21	+02 05.3	18.8	-0.91	+	4.8	1.2/23.8	40411
1999 VH ₁₄₄	2001 03 24.5	12 14.39	+10 25.2	19.8	-1.01	+	1.5	4.1/21.2	3463	1995 UP ₄₄	2001 03 24.9	12 16.22	-10 14.5	16.5	-0.93	+	7.1	3.2/27.8	9680
2001 CX ₂₀	2001 03 24.5	12 14.51	+44 32.8	18.5	-1.15	-	2.1	15.6/07.0	10767	1999 VY	2001 03 24.9	12 16.23	+01 41.9	19.4	-0.97	+	3.4	1.2/24.0	40387
1999 RD ₂₆	2001 03 24.5	12 14.52	+03 20.7	18.2	-0.90	+	6.8	1.9/22.9	10889	4170 T-3	2001 03 25.0	12 16.14	+05 46.0	18.5	-0.94	+	6.3	2.9/22.6	11067
1991 PY ₁₈	2001 03 24.5	12 14.54	-05 33.8	18.7	-0.95	+	5.2	1.3/25.8	38024	2000 AO ₈₁	2001 03 25.0	12 16.15	+01 10.1	19.0	-0.79	+	6.0	0.9/24.0	2276
1999 RS ₁₆₅	2001 03 24.5	12 14.67	-00 54.8	17.8	-0.94	+	7.1	0.3/24.4	10896	1999 VQ ₂₂	2001 03 25.0	12 16.25	-17 27.7	17.1	-0.84	+	8.6	5.6/30.8	10922
1998 TC ₁₉	2001 03 24.5	12 14.68	-06 49.1	20.7	-0.72	+	5.4	1.3/26.4	7472	1999 XV ₉₆	2001 03 25.0	12 16.27	-14 14.8	19.5	-0.84	+	5.6	3.6/29.2	690
1999 RY ₁₆₃	2001 03 24.5	12 14.70	-03 33.7	18.7	-0.96	+	6.6	0.7/25.2	5612	1998 HN ₄	2001 03 25.0	12 16.33	+09 49.3	19.8	-1.11	+	5.3	4.2/21.5	39191
1998 HO ₃₀	2001 03 24.5	12 14.71	+04 19.2	17.9	-1.05	+	6.5	2.2/22.7	10851	1999 XC ₁₂₅	2001 03 25.0	12 16.39	-00 37.7	18.6	-1.04	+	4.3	0.4/24.7	10939
1998 SA ₁₄₁	2001 03 24.5	12 14.74	-01 31.0	19.6	-0.78	+	4.6	0.0/24.6	10871	2000 AZ ₈₅	2001 03 25.0	12 16.40	-19 24.4	19.1	-0.87	+	4.3	5.0/30.8	38652
2000 YJ ₁₀₅	2001 03 24.6	12 14.70	+08 17.2	18.0	-0.96	+	4.1	3.8/21.6	11019	1999 TW ₂₁₇	2001 03 25.0	12 16.45	+00 25.4	19.2	-0.99	+	3.6	0.8/24.4	322
1999 XJ ₄	2001 03 24.6	12 14.74	+04 42.3	17.4	-0.89	+	6.5	2.8/22.5	10932	2001 BM ₄₄	2001 03 25.0	12 16.56	+08 53.4	17.6	-0.88	+	5.1	4.9/21.6	11036
1999 TL ₄	2001 03 24.6	12 14.78	+00 37.6	17.9	-1.00	+	3.8	0.8/24.0	10903	1999 SC ₁₁	2001 03 25.1	12 16.50	+19 23.5	18.1	-1.07	+	1.2	8.5/18.9	10409
1999 WQ ₆	2001 03 24.6	12 14.80	+15 18.5	18.9	-0.90	+	4.5	5.3/19.1	38125	1999 RQ ₄₂	2001 03 25.1	12 16.59	+02 17.2	16.8	-0.79	+	10.2	1.4/23.6	10890
1999 XY ₆₄	2001 03 24.6	12 14.85	+02 28.1	19.4	-0.78	+	4.9	1.2/23.3	1551	1999 XS ₁₇₃	2001 03 25.1	12 16.66	+19 10.8	18.1	-0.90	+	5.2	6.0/17.8	10563
2000 AW ₁₇₇	2001 03 24.6	12 14.89	-15 47.1	18.4	-0.82	+	6.7	4.1/29.6	2722	1998 RW ₆₅	2001 03 25.1	12 16.68	-03 23.0	18.7	-0.79	+	5.1	0.5/25.7	39223
1999 TF ₁₄₁	2001 03 24.6	12 14.91	+12 48.1	18.0	-1.08	-	0.3	5.3/20.9	1493	1997 AQ ₁₅	2001 03 25.1	12 16.70	+04 24.4	18.8	-1.00	+	5.8	2.1/23.2	10837
1995 UY ₄₀	2001 03 24.6	12 15.00	-06 25.0	20.6	-0.89	+	6.9	1.5/26.3	9680	1999 VW ₆₂	2001 03 25.1	12 16.71	+08 08.0	19.5	-0.92	+	4.0	3.1/22.1	38118
1998 RL ₇₆	2001 03 24.6	12 15.02	+03 37.2	18.1	-0.78	+	5.1	1.5/22.9	10867	1998 RX ₁₅	2001 03 25.1	12 16.75	-03 13.1	19.1	-0.79	+	5.0	0.4/25.6	10865
2000 AH ₈₁	2001 03 24.6	12 15.09	+14 54.3	18.4	-0.76	+	5.6	4.8/18.9	39572	1991 PT ₉	2001 03 25.1	12 16.88	-48 36.7	17.3	-1.36	-	3.3	19.1/07.4	7429
4184 T-2	2001 03 24.6	12 15.09	+01 20.6	18.9	-0.94	+	5.7	1.0/23.8	588	1997 CX ₁₃	2001 03 25.1	12 16.89	+07 37.9	19.1	-0.89	+	7.3	3.7/22.0	10838
1997 MV ₄	2001 03 24.7	12 15.12	+12 32.0	17.9	-0.74	+	5.4	3.9/19.8	10841	1998 SS ₁₄₄	2001 03 25.1	12 16.95	+06 12.0	18.8	-0.82	+	3.1	2.3/22.7	10871
1999 XY ₂₂₇	2001 03 24.7	12 15.13	-11 51.1	18.0	-0.79	+	3.8	3.5/28.1	10569	1997 GJ	2001 03 25.2	12 17.04	+00 48.5	17.1	-0.90	+	5.0	1.1/24.4	30691
1995 BX	2001 03 24.7	12 15.20	-00 29.1	18.2	-0.76	+	4.6	0.3/24.4	10832	1999 RA ₃₈	2001 03 25.2	12 17.04	+01 23.1	17.7	-0.97	+	5.0	1.2/24.2	40358
2000 BU ₈	2001 03 24.7	12 15.25	+06 31.6	17.8	-0.82	+	3.7	2.3/22.1	10949	2000 XV ₄₉	2001 03 25.2	12 17.04	+27 45.0	16.0	-0.79	+	3.8	12.8/13.8	11012
1994 UE ₈	2001 03 24.7	12 15.31	-07 52.6	17.4	-0.86	+	5.5	2.5/26.8	9678	1999 TD ₁₁₅	2001 03 25.2	12 17.13	-08 13.8	19.2	-0.94	+	5.0	2.1/27.3	1144
1999 XT ₄₉	2001 03 24.7	12 15.37	-04 14.3	18.5	-0.88	+	5.8	0.9/25.6	2696	1999 VA ₄₁	2001 03 25.2	12 17.27	-00 28.0	18.5	-0.94	+	4.0	0.6/24.9	2160
1999 XF ₃	2001 03 24.7	12 15.41	-06 28.6	19.8	-0.91	+	7.8	1.6/26.4	7515	1998 KE ₃₇	2001 03 25.3	12 17.25	-05 42.4	16.7	-0.94	+	8.0	1.7/26.6	9711
1999 VR ₁₇₇	2001 03 24.7	12 15.49	+06 54.9	16.6	-0.90	+	7.7	3.6/21.9	10929	6622 P-L	2001 03 25.3	12 17.27	+00 44.3	17.0	-0.87	+	7.7	1.1/24.4	11064
1999 XX ₃₆	2001 03 24.8	12 15.46	-17 47.8	18.6	-0.89	+	4.7	4.8/30.2	40409	1999 XM ₇₂	2001 03 25.3	12 17.30	-05 52.0	17.6	-0.84	+	5.8	1.4/26.6	38840
2000 AH ₂₃₅	2001 03 24.8	12 15.59	-02 33.2	18.6	-0.75	+	4.9	7.5/05.0	10949	1998 UD ₁	2001 03 25.3	12 17.35	-25 23.8	22.5	-0.78	+	2.5	4.8/02.2	34306
1997 CC ₂₈	2001 03 24.8	12 15.74	+02 37.9	18.6	-0.90	+	6.3	1.7/23.5	10838	1997 HL ₁₀	2001 03 25.3	12 17.37	-02 07.5	18.6	-0.83	+	6.3	0.1/25.4	10841
1999 SR ₃	2001 03 24.8	12 15.75	-08 55.9	19.2	-0.93	+	3.3	2.0/27.1	40374	1999 WT ₇	2001 03 25.3	12 17.52	-03 57.9	17.8	-0.92	+	7.2	0.8/26.0	10932
1999 TO ₁₂₁	2001 03 24.8	12 15.80	+01 46.8	19.2	-0.93	+	6.5	1.2/23.8	1489	1998 QJ ₅	2001 03 25.3	12 17.57	-07 11.1	18.5	-0.82	+	5.7	1.6/27.1	40329
1999 RA ₂₂	2001 03 24.8	12 15.81	-00 00.5	19.7	-1.04	+	4.8	0.6/24.4	40356	1999 XT ₁₁₉	2001 03 25.3	12 17.60	-01 25.4	18.3	-0.88	+	3.8	0.2/25.2	10554
1999 TD ₂₁₇	2001 03 24.9	12 15.78	+02 13.0	20.0	-0.92	+	5.7	1.3/23.7	4532	1999 XK ₁₅₈	2001 03 25.3	12 17.60	+10 43.9	18.9	-0.88	+	5.8	4.1/21.2	1223
1997 HB ₁₀	2001 03 24.9	12 15.79	+03 10.9	18.6	-0.84	+	5.6	1.6/23.3	10314	1998 SQ ₃₇	2001 03 25.3	12 17.63	-03 05.3	18.9	-0.78	+	4.5	0.3/25.8	38062
1999 SR ₅	2001 03 24.9	12 15.84	+08 14.7	17.4	-1.73	-	5.9	5.0/23.3	40374	1999 VG ₁₅₆	2001 03 25.3	12 17.66	+04 11.0	17.3	-0.96	+	3.9	2.9/23.5	9773
1999 WR ₁₆	2001 03 24.9	12 15.84	-04 20.2	20.2	-0.96	+	6.6	0.9/25.8	686	1997 GC ₃₆	2001 03 25.4	12 17.68	+04 30.9	18.0	-0.85	+	5.4	2.2/23.3	10840

1999 VH ₁₅₇	2001 03 25.4	12 17.78 -03 59.4 20.2	-0.96 + 6.1	0.7/26.1	2687	1999 XT ₉₃	2001 03 25.8	12 19.44 -22 08.1 17.7	-0.79 + 3.3	5.4/01.6	2698
1994 CT ₁₃	2001 03 25.4	12 17.80 +02 13.0 18.3	-1.07 + 3.4	1.6/24.3	10830	1999 XR ₂₈	2001 03 25.8	12 19.47 +05 43.0 18.7	-0.84 + 5.6	2.8/23.3	9777
1999 TT ₅	2001 03 25.4	12 17.80 -06 52.3 18.9	-0.89 + 7.2	1.6/27.1	4947	1999 XO ₆₁	2001 03 25.8	12 19.49 -02 34.4 19.8	-0.90 + 6.5	0.1/26.0	40412
1999 TS ₁₄₀	2001 03 25.4	12 17.81 -00 43.9 20.4	-0.90 + 4.6	0.4/25.1	1493	2640 P-L	2001 03 25.8	12 19.50 -02 34.7 22.3	-0.93 + 6.7	0.2/26.0	9642
2000 AE ₉₉	2001 03 25.4	12 17.81 +00 06.0 17.8	-0.84 + 6.7	0.7/24.8	698	1999 TC ₂₃	2001 03 25.9	12 19.45 +02 10.3 17.6	-0.91 + 6.1	1.7/24.5	10423
1995 SJ ₁	2001 03 25.4	12 17.88 -03 33.3 18.6	-0.95 + 4.7	0.5/26.0	10832	1999 XZ ₁₄₀	2001 03 25.9	12 19.46 -14 43.7 19.4	-0.77 + 4.4	3.4/30.1	2700
1998 OX ₁₁	2001 03 25.4	12 17.97 -15 55.7 21.4	-0.90 + 3.7	3.8/29.8	33079	2000 AQ ₁₄₉	2001 03 25.9	12 19.47 -02 05.2 18.5	-0.82 + 6.8	0.0/25.9	1564
1998 SS ₁₁₆	2001 03 25.4	12 18.00 -09 09.2 19.1	-0.90 + 5.5	2.3/27.8	5504	1999 VZ ₅₈	2001 03 25.9	12 19.71 -14 25.0 18.5	-0.87 + 8.8	4.5/30.3	38117
1999 RX ₂₃₇	2001 03 25.4	12 18.02 +11 14.8 19.4	-0.90 + 6.8	4.2/21.1	1468	2731 P-L	2001 03 25.9	12 19.73 -01 45.7 18.8	-0.69 + 6.9	0.1/25.8	39647
2000 XX ₁₃	2001 03 25.4	12 18.03 +02 21.2 16.0	-1.65 - 6.2	2.2/24.8	11009	1999 TW ₁₂₂	2001 03 25.9	12 19.74 -07 25.6 18.7	-0.79 +11.3	1.8/28.0	1150
1997 GO ₉	2001 03 25.5	12 18.07 -05 18.7 18.8	-0.93 + 4.3	1.3/26.6	4346	1999 VZ ₄	2001 03 25.9	12 19.79 -04 16.6 19.4	-0.90 + 6.6	0.7/26.7	1520
1998 QX ₈₆	2001 03 25.5	12 18.08 -20 41.2 18.3	-0.74 + 5.8	4.8/01.3	40332	1996 GT ₁₉	2001 03 25.9	12 19.84 -04 50.8 17.5	-0.71 + 7.2	0.8/27.0	38038
1998 SF ₅₃	2001 03 25.5	12 18.11 -08 01.1 18.7	-0.81 + 4.4	1.7/27.5	9719	1999 TL ₁₀₅	2001 03 25.9	12 19.86 +03 26.0 19.8	-0.97 + 3.0	1.6/24.4	658
1998 MO ₅	2001 03 25.5	12 18.14 +34 20.0 19.0	-0.99 + 6.8	11.0/10.6	10857	1999 VN ₁₈₉	2001 03 26.0	12 19.87 -11 13.6 20.1	-0.93 + 7.4	2.9/29.0	1542
1998 QA ₁₄	2001 03 25.5	12 18.16 +08 52.9 17.0	-0.73 +10.7	3.9/21.4	10860	1991 PG ₁₈	2001 03 26.0	12 19.90 -05 12.3 18.1	-0.71 + 4.5	0.7/27.0	1409
1999 TB ₈	2001 03 25.6	12 18.33 +10 08.5 19.2	-0.97 + 2.3	3.7/22.1	40377	1999 VD ₃₅	2001 03 26.0	12 19.92 +09 14.9 17.8	-0.97 + 4.1	4.6/22.5	10923
1998 SB ₇₁	2001 03 25.6	12 18.33 +07 16.2 17.4	-0.86 + 2.5	2.9/22.8	10869	1999 UL ₃	2001 03 26.0	12 19.93 -02 51.7 18.5	-0.92 + 3.4	0.2/26.2	40383
1997 HW ₇	2001 03 25.6	12 18.35 -05 07.3 19.2	-0.80 + 5.5	0.9/26.6	38773	2000 AU ₁₇₉	2001 03 26.0	12 20.13 -18 12.0 20.3	-0.80 + 5.5	4.1/31.6	2723
1999 XO ₂₂₀	2001 03 25.6	12 18.44 +21 52.2 18.0	-0.93 + 3.7	8.0/17.8	10567	6617 P-L	2001 03 26.0	12 20.15 +00 45.1 17.7	-1.00 + 3.1	1.1/25.2	11064
1998 QT ₅₃	2001 03 25.6	12 18.47 -20 54.6 19.5	-1.08 + 3.4	6.8/31.1	8047	1998 KQ ₄₂	2001 03 26.0	12 20.15 +04 17.5 18.9	-0.92 + 9.5	2.1/23.8	10856
1999 XB ₂₀₄	2001 03 25.6	12 18.55 -03 49.0 18.8	-0.89 + 3.3	0.5/26.2	10941	1999 TP ₅	2001 03 26.0	12 20.22 +01 08.1 18.3	-0.99 + 6.7	1.4/25.0	10904
1999 XL ₁₀₉	2001 03 25.6	12 18.55 +12 40.0 18.7	-0.82 + 3.8	4.4/20.9	10551	1999 VC ₂₂	2001 03 26.0	12 20.23 +01 38.8 19.4	-0.89 + 6.5	1.2/24.8	2154
1999 XX ₆₆	2001 03 25.6	12 18.56 -23 14.6 17.0	-0.86 + 6.1	8.3/02.1	9779	1999 XR ₁₆₈	2001 03 26.0	12 20.23 -05 05.0 18.6	-1.06 + 4.9	1.1/27.0	10940
1999 RP ₉₂	2001 03 25.6	12 18.58 -01 20.5 18.3	-1.03 + 4.0	0.2/25.5	10377	1998 SX ₁₆₃	2001 03 26.1	12 20.15 +10 29.6 17.9	-0.81 + 2.9	3.5/22.1	40342
1999 XY ₃₆	2001 03 25.6	12 18.59 +12 06.9 17.5	-1.03 + 1.1	4.9/21.7	688	1994 ET	2001 03 26.1	12 20.16 -10 53.5 18.9	-1.08 + 4.1	3.2/28.6	40305
1999 VK ₁₅₇	2001 03 25.6	12 18.59 -19 32.3 18.9	-0.98 +16.3	7.2/01.5	1536	1998 SH ₁₁₉	2001 03 26.1	12 20.18 -00 20.3 20.3	-0.71 + 4.5	0.4/25.5	33286
1999 XR ₁₀₆	2001 03 25.6	12 18.64 -11 30.4 17.9	-0.92 + 6.3	3.4/28.8	40416	1998 OL ₁₁	2001 03 26.1	12 20.31 -17 42.3 19.4	-0.88 + 3.2	4.3/31.0	39531
2000 AN ₈₄	2001 03 25.6	12 18.66 +19 35.9 19.5	-0.80 + 5.9	5.6/17.9	38651	1998 RN ₇₇	2001 03 26.1	12 20.32 +02 39.0 18.0	-0.64 +12.3	1.4/24.2	10335
1999 VE ₁₈₀	2001 03 25.6	12 18.69 +11 20.9 19.0	-0.92 + 4.1	4.4/21.5	1540	1999 TQ ₁₀₀	2001 03 26.1	12 20.32 +07 22.9 18.2	-0.91 + 8.3	3.8/22.9	10908
1999 WQ ₃	2001 03 25.6	12 18.69 +06 39.4 18.9	-0.98 + 6.2	2.9/22.9	10931	1998 KP ₄₁	2001 03 26.1	12 20.41 -08 01.6 18.0	-1.02 + 4.4	2.6/27.9	9711
1999 VX ₄₉	2001 03 25.6	12 18.69 -03 54.1 19.1	-0.88 + 5.6	0.6/26.3	40395	1999 XX ₇₄	2001 03 26.1	12 20.51 -12 28.3 17.2	-0.84 + 6.0	3.5/29.6	9779
1999 XT ₉₀	2001 03 25.6	12 18.70 -23 14.8 17.8	-0.89 + 4.9	6.5/01.8	10937	1999 TX ₁₀₈	2001 03 26.1	12 20.52 -08 44.5 18.8	-0.89 + 7.3	2.3/28.4	10909
1998 KC ₆	2001 03 25.6	12 18.71 +01 20.4 19.5	-0.92 + 7.2	1.2/24.6	32755	1999 TF ₁₁₄	2001 03 26.1	12 20.53 -01 28.3 18.9	-1.03 + 4.3	0.3/26.0	1487
1999 WJ ₁₈	2001 03 25.7	12 18.71 +23 52.6 18.9	-0.84 + 2.7	7.3/17.0	40403	1998 HR ₂₄	2001 03 26.1	12 20.59 +05 15.2 18.2	-1.09 + 5.3	2.9/23.9	10851
6678 P-L	2001 03 25.7	12 18.80 -02 06.9 19.7	-0.94 + 4.7	0.0/25.8	2802	1999 WF ₉	2001 03 26.2	12 20.59 -17 59.0 19.1	-0.99 + 3.7	5.1/31.1	40402
1998 QR ₁₁	2001 03 25.7	12 18.81 -08 20.4 18.4	-0.96 + 5.7	2.2/27.7	10859	1999 XG ₁₃	2001 03 26.2	12 20.66 +18 09.4 18.4	-0.98 + 4.8	7.2/19.5	38582
1999 XZ ₃₆	2001 03 25.7	12 18.85 +03 49.4 19.1	-0.91 + 5.9	1.9/23.9	38137	1999 XH ₂₁₅	2001 03 26.2	12 20.69 +30 18.5 18.0	-0.76 + 4.9	8.7/13.4	10567
1999 XR ₁₈₉	2001 03 25.7	12 18.98 +03 42.1 18.8	-1.00 + 4.6	1.9/24.0	2245	1999 XC ₁₉₄	2001 03 26.2	12 20.70 +02 46.1 17.7	-0.81 + 3.0	1.6/24.7	10941
2000 BA ₆	2001 03 25.7	12 19.04 -01 57.7 18.1	-0.95 + 2.2	0.0/25.8	2728	1999 VJ ₆₂	2001 03 26.2	12 20.70 -03 54.6 18.8	-0.96 + 6.5	0.6/26.8	10925
1997 AP ₁₈	2001 03 25.7	12 19.05 +04 16.9 18.0	-0.91 + 5.0	2.9/23.8	9688	1997 MS ₄	2001 03 26.2	12 20.73 +11 49.4 18.4	-0.71 + 4.2	3.3/21.4	10841
1999 UD ₃₉	2001 03 25.7	12 19.14 -09 52.1 19.5	-0.89 + 5.9	2.4/28.4	2677	1999 SX ₁₀	2001 03 26.2	12 20.81 +11 50.8 18.5	-0.92 + 6.2	5.6/21.6	10902
2000 AG ₁₅₄	2001 03 25.8	12 19.07 -12 10.9 18.0	-0.84 + 2.9	3.2/28.9	39579	4841 T-1	2001 03 26.2	12 20.81 +04 01.2 17.8	-0.98 + 2.3	2.0/24.5	11065
1999 TD ₃	2001 03 25.8	12 19.14 -05 03.7 18.0	-0.87 + 7.9	1.2/26.8	9753	1999 XG ₆	2001 03 26.3	12 20.92 +05 29.2 18.0	-1.02 + 5.7	3.3/23.9	10531
1998 QG ₃₉	2001 03 25.8	12 19.14 -07 12.4 20.0	-0.86 + 3.8	1.4/27.4	39533	1999 UZ ₂₅	2001 03 26.3	12 20.97 -06 43.1 19.1	-1.00 + 6.8	1.6/27.7	2676
1999 XR ₈₆	2001 03 25.8	12 19.15 +21 26.5 19.5	-0.73 + 4.8	6.1/17.2	7516	2000 AG ₁₈₃	2001 03 26.3	12 20.99 -11 12.4 18.5	-0.74 + 6.6	2.6/29.5	2316
1998 MU ₄₈	2001 03 25.8	12 19.20 +10 23.7 20.0	-0.96 + 6.2	4.2/21.7	6806	1999 XU ₃₉	2001 03 26.3	12 21.02 -02 24.0 18.5	-0.90 + 8.4	0.0/26.4	37887
1998 QM ₁₀₄	2001 03 25.8	12 19.20 +01 25.4 18.9	-0.92 + 1.4	1.0/24.8	6809	1999 VO ₁₀	2001 03 26.3	12 21.06 -11 57.8 18.6	-0.93 + 6.2	3.2/29.5	40389
1999 RS ₁₉₃	2001 03 25.8	12 19.22 -05 34.5 19.1	-0.93 + 7.5	1.2/27.0	40370	1999 XJ ₁₆₈	2001 03 26.3	12 21.08 -02 48.3 19.5	-0.90 + 4.8	0.2/26.5	40422
1999 XG ₁₃₀	2001 03 25.8	12 19.28 -08 40.4 19.9	-0.99 + 4.6	2.3/27.8	10939	1999 XR ₂₀₈	2001 03 26.3	12 21.10 +08 47.7 18.0	-0.90 + 1.9	3.8/23.0	10941
1986 QH ₁	2001 03 25.8	12 19.38 -12 38.6 17.7	-0.83 + 1.9	2.8/29.1	2613	1999 XT ₂₃₆	2001 03 26.3	12 21.21 -06 36.1 18.4	-0.87 + 5.4	1.4/27.8	10571
1999 VJ ₆₆	2001 03 25.8	12 19.39 +11 26.9 19.0	-0.91 + 3.2	4.3/21.7	38577	1997 GE ₇	2001 03 26.3	12 21.25 -08 54.6 18.9	-0.78 + 8.2	2.0/28.7	38043

1999 XZ ₂₁₃	2001 03 26.3	12 21.25 +06 59.4 18.6	-0.81 + 6.5	3.0/23.2	10942	1997 UT ₂	2001 03 26.8	12 22.81 +06 46.8 17.7	-0.90 + 1.5	2.7/24.1	10842
1999 XZ ₆₈	2001 03 26.4	12 21.25 +09 49.8 17.5	-0.85 + 4.8	4.2/22.4	10546	1999 XM ₁₅₄	2001 03 26.8	12 22.82 +09 32.7 19.5	-0.96 + 6.4	4.2/22.9	2701
1999 RP ₂₃₇	2001 03 26.4	12 21.27 +09 59.9 19.1	-0.89 + 7.0	4.0/22.3	10405	1998 SN ₂₄	2001 03 26.8	12 22.83 +03 34.7 19.7	-0.80 + 5.2	1.8/24.8	37768
1997 JV	2001 03 26.4	12 21.33 +16 09.8 18.6	-0.98 + 2.2	6.9/20.9	10841	1998 SV ₅₅	2001 03 26.8	12 22.85 -02 02.1 17.9	-0.72 + 5.0	0.1/26.7	10868
1998 ST ₆₀	2001 03 26.4	12 21.39 +02 14.6 18.1	-0.80 + 4.8	1.4/24.9	38791	1999 OG ₂	2001 03 26.8	12 22.88 -01 36.4 16.3	-0.92 +22.0	0.4/26.5	10887
1999 VP ₁₇₈	2001 03 26.4	12 21.47 +04 26.8 19.8	-0.94 + 7.8	2.3/24.2	5659	1999 VU ₁₉	2001 03 26.8	12 22.93 +06 50.3 17.3	-1.01 + 3.5	4.0/24.1	10922
2000 AF ₁₀₈	2001 03 26.4	12 21.48 -02 06.4 18.8	-0.76 + 5.4	0.1/26.4	38665	1998 SE ₄₄	2001 03 26.8	12 22.94 +00 15.1 17.7	-0.70 + 6.4	0.8/25.9	10868
1999 VY ₂₅	2001 03 26.4	12 21.49 +13 36.2 19.9	-0.83 + 4.8	4.3/21.2	40392	1998 RA ₆₅	2001 03 26.8	12 23.00 -02 20.6 18.7	-0.77 + 5.5	0.0/26.8	33003
1999 XQ ₁₉₆	2001 03 26.4	12 21.52 -06 48.8 18.7	-0.82 + 3.0	1.3/27.9	2703	1998 SZ ₇₈	2001 03 26.8	12 23.06 -03 32.7 19.9	-0.77 + 5.2	0.3/27.2	10337
1999 VU ₁₇₃	2001 03 26.4	12 21.53 +10 35.2 17.8	-0.98 + 5.9	5.1/22.2	10517	1999 TB ₁₂₃	2001 03 26.9	12 23.12 -03 07.3 19.3	-1.05 + 4.8	0.2/27.1	1489
1999 TK ₃₄	2001 03 26.4	12 21.55 +04 57.9 19.2	-0.96 + 7.4	2.5/24.1	1475	1998 RW ₆₁	2001 03 26.9	12 23.13 -04 27.4 18.5	-0.76 + 4.9	0.6/27.6	38060
1998 LA ₂	2001 03 26.4	12 21.63 -10 21.3 17.0	-0.91 + 8.0	3.5/29.2	9712	1999 XU ₁₅₅	2001 03 26.9	12 23.21 +00 49.6 18.1	-0.75 + 5.9	1.1/25.8	10561
1992 SM ₂₆	2001 03 26.4	12 21.69 +05 37.1 18.9	-1.03 + 4.0	2.9/24.1	9671	1994 VL ₁	2001 03 26.9	12 23.30 +14 32.0 18.5	-0.88 + 3.9	4.8/21.4	2620
1994 PX ₁₈	2001 03 26.5	12 21.64 -15 01.2 19.9	-1.02 + 2.2	4.0/30.0	3129	1998 ST ₉₇	2001 03 26.9	12 23.33 -00 46.1 18.7	-0.80 + 6.9	0.6/26.4	6814
1999 VW ₄₃	2001 03 26.5	12 21.65 +00 08.9 20.4	-0.99 + 5.6	0.8/25.7	40394	1999 TF ₁₃	2001 03 26.9	12 23.34 +19 48.7 18.2	-1.03 + 0.7	8.3/20.4	10419
1999 XZ ₁₁	2001 03 26.5	12 21.75 -10 48.0 19.5	-0.97 + 4.6	2.9/29.1	686	1998 RK ₄₅	2001 03 26.9	12 23.41 -01 58.6 18.8	-0.78 + 7.6	0.2/26.8	35714
1996 BS ₉	2001 03 26.5	12 21.77 -01 40.0 19.8	-0.85 + 6.4	0.2/26.3	36073	1991 PX ₁₄	2001 03 26.9	12 23.49 -11 39.5 18.0	-0.94 + 6.2	3.2/29.9	38024
1999 RX ₁₇	2001 03 26.5	12 21.80 -04 19.4 18.8	-0.96 + 6.8	0.7/27.2	10888	1999 XB ₁₄₃	2001 03 26.9	12 23.51 +16 50.1 17.7	-0.88 + 2.3	6.1/21.1	10939
1999 WA ₁₂	2001 03 26.5	12 21.81 +06 37.2 18.9	-0.83 + 4.8	2.9/23.6	37851	4229 T-1	2001 03 27.0	12 23.54 +01 27.5 17.7	-0.84 + 9.0	1.7/25.6	32504
1999 VG ₄₀	2001 03 26.5	12 21.81 -02 12.1 18.0	-0.77 + 5.5	0.0/26.5	10493	1999 TU ₁₂₁	2001 03 27.0	12 23.62 -00 59.4 17.9	-1.03 + 3.2	0.6/26.6	10439
1998 KA ₄₈	2001 03 26.5	12 21.92 +11 07.2 18.9	-0.99 + 7.0	4.8/22.0	38468	1996 JH ₁₄	2001 03 27.0	12 23.63 +10 10.7 18.6	-0.81 + 3.2	3.6/23.0	38038
1999 XV ₂₁₅	2001 03 26.5	12 21.93 -09 41.5 18.8	-0.90 + 5.0	2.2/28.9	2704	1998 KS ₅₆	2001 03 27.0	12 23.63 +00 00.6 18.8	-0.96 + 7.7	0.9/26.2	10857
1999 VS	2001 03 26.5	12 21.95 +01 56.5 19.1	-0.91 + 8.3	1.5/25.1	40387	1999 TG ₂₄₂	2001 03 27.0	12 23.67 +08 07.9 18.6	-0.85 + 9.4	4.2/23.2	10915
1998 SL ₁₂	2001 03 26.5	12 21.98 -00 22.6 17.8	-0.79 + 5.8	0.6/25.9	9719	1999 XP ₁₅₁	2001 03 27.0	12 23.69 -05 51.0 19.0	-0.83 + 4.9	0.9/28.1	2701
1999 RV ₈₈	2001 03 26.5	12 21.98 -07 28.0 17.9	-1.02 + 4.7	2.1/28.1	9740	1999 YU ₄	2001 03 27.0	12 23.71 -14 14.9 18.0	-0.89 + 4.1	3.9/30.7	10943
1999 VE ₁₇₇	2001 03 26.5	12 22.01 +04 10.1 19.1	-0.89 + 8.1	2.3/24.4	2688	1999 VJ ₂₃	2001 03 27.0	12 23.78 -03 42.1 18.7	-0.94 + 4.6	0.4/27.4	38105
1981 EN ₂₂	2001 03 26.5	12 22.02 -05 58.2 18.1	-0.94 + 3.8	1.4/27.7	38018	2000 AA ₂₁₉	2001 03 27.0	12 23.79 -13 44.7 20.1	-0.83 + 4.2	3.1/30.7	6993
1991 VH ₆	2001 03 26.6	12 21.99 +00 33.8 18.6	-0.84 + 7.9	0.9/25.6	10827	1999 XL ₂₀₄	2001 03 27.1	12 23.83 +22 59.7 18.6	-0.81 + 2.9	6.9/18.2	10941
6759 P-L	2001 03 26.6	12 22.03 +02 43.5 18.1	-0.96 + 6.0	2.1/25.0	2802	1997 HS ₁	2001 03 27.1	12 23.84 -03 04.4 19.3	-0.91 + 6.2	0.2/27.3	36352
1998 RF	2001 03 26.6	12 22.05 +08 05.1 18.2	-0.90 + 3.3	3.6/23.4	10864	2001 CU ₂₀	2001 03 27.1	12 23.96 +43 27.8 17.4	-1.15 + 0.3	16.8/10.4	10767
1999 XD ₇₄	2001 03 26.6	12 22.07 +01 48.6 18.6	-0.75 + 4.7	1.2/25.2	1552	1999 YD ₁₇	2001 03 27.1	12 23.99 +03 33.7 18.9	-0.71 + 5.5	1.6/25.0	2707
1999 XA ₁₈₁	2001 03 26.6	12 22.14 -03 24.9 17.7	-0.92 + 2.5	0.4/26.9	693	1981 ER ₁₆	2001 03 27.1	12 24.00 -13 11.3 18.8	-1.08 + 0.1	4.4/29.9	26918
2000 AQ ₁₅₆	2001 03 26.6	12 22.20 -06 38.2 18.4	-0.88 + 4.3	1.4/28.0	2308	1993 TX ₃₆	2001 03 27.1	12 24.11 +02 07.8 17.4	-0.80 + 6.3	1.5/25.6	1414
2000 AB ₅₂	2001 03 26.6	12 22.29 -12 34.6 18.2	-0.93 + 6.4	3.7/30.0	9785	1999 RE ₃₇	2001 03 27.1	12 24.14 +00 55.8 19.1	-1.01 + 6.2	1.3/26.1	40358
1997 GU ₁₂	2001 03 26.6	12 22.39 +01 25.2 18.5	-0.96 + 2.3	1.7/25.6	177	1999 XH ₈₆	2001 03 27.1	12 24.20 -17 30.4 19.0	-0.86 + 4.6	4.3/01.1	38842
1998 SE ₁₆₄	2001 03 26.6	12 22.42 +13 34.2 17.5	-1.00 + 2.4	5.3/21.8	10871	1999 TN ₂₁	2001 03 27.1	12 24.22 -12 25.0 19.1	-0.88 + 7.2	3.9/30.5	38089
1999 RS ₁	2001 03 26.7	12 22.39 -05 40.0 17.6	-1.04 + 4.7	1.3/27.7	10359	2000 AD ₂₄₁	2001 03 27.2	12 24.19 +00 26.3 17.6	-0.77 +10.0	1.0/26.1	1567
1999 TB ₂₃₃	2001 03 26.7	12 22.47 +21 15.2 18.9	-0.85 + 6.4	7.9/18.1	10459	1999 VG ₅	2001 03 27.2	12 24.21 -02 45.8 19.7	-0.96 + 6.2	0.0/27.3	40388
1999 XD ₄₉	2001 03 26.7	12 22.50 -10 02.1 20.9	-0.98 + 6.6	2.6/29.2	4542	1989 AG ₆	2001 03 27.2	12 24.22 +01 54.0 17.4	-0.74 + 4.9	1.5/25.7	9666
1999 XA ₁₅	2001 03 26.7	12 22.54 +36 23.1 17.3	-1.12 + 1.7	13.3/12.1	10933	2000 AK ₁₆₅	2001 03 27.2	12 24.26 +03 46.9 18.1	-0.77 + 8.0	2.0/25.0	2721
1999 VU ₁₅₇	2001 03 26.7	12 22.64 -04 49.8 18.3	-0.98 + 6.1	1.0/27.5	10512	2104 T-2	2001 03 27.2	12 24.27 -04 15.8 18.8	-0.77 + 5.1	0.5/27.8	38908
1999 XF ₁₁₉	2001 03 26.7	12 22.66 -04 37.3 20.1	-0.88 + 4.3	0.7/27.5	6978	1999 XY ₂₁₂	2001 03 27.2	12 24.28 +27 06.2 18.5	-0.82 + 3.4	8.5/16.8	10566
2000 AL ₁₉₃	2001 03 26.7	12 22.67 -21 44.8 17.5	-0.75 + 5.5	5.7/02.6	10948	1998 QY ₁₀	2001 03 27.2	12 24.39 +01 07.5 18.3	-0.90 + 5.3	1.2/26.1	38054
1999 XD ₅₃	2001 03 26.7	12 22.73 +02 09.6 18.7	-0.98 + 6.0	1.7/25.3	10935	2000 AB ₁₆₉	2001 03 27.2	12 24.46 +07 16.0 19.3	-0.85 + 7.1	2.9/23.9	40441
1999 VX ₂₉	2001 03 26.7	12 22.78 -06 07.7 19.8	-0.86 + 5.8	1.1/28.0	40393	1999 XV ₈₂	2001 03 27.2	12 24.52 -19 28.2 18.9	-0.93 + 5.6	5.0/01.9	38841
1999 TL ₁₉₇	2001 03 26.7	12 22.79 -01 31.1 19.8	-1.03 + 3.7	0.3/26.5	2668	1999 XH ₄₁	2001 03 27.2	12 24.59 +00 19.6 20.7	-0.94 + 5.2	1.0/26.4	3469
1999 XY ₁₀₀	2001 03 26.8	12 22.70 -10 18.3 17.9	-1.09 + 5.4	3.0/29.1	10937	1999 RK ₁₈₉	2001 03 27.3	12 24.51 -05 38.5 17.5	-1.02 + 4.0	1.3/28.2	10898
1995 SE ₅₃	2001 03 26.8	12 22.73 -02 17.9 18.7	-0.90 + 6.4	0.1/26.8	40309	1999 PR ₄	2001 03 27.3	12 24.58 -03 12.7 18.3	-0.96 + 7.9	0.2/27.5	40353
1998 KM ₄₅	2001 03 26.8	12 22.78 -09 44.6 17.3	-0.92 + 7.4	3.3/29.2	9711	2000 CW ₆	2001 03 27.3	12 24.58 -13 47.0 18.0	-0.94 + 3.7	3.6/30.7	10950
1996 BJ ₄	2001 03 26.8	12 22.79 +18 18.4 18.9	-0.85 + 5.3	5.9/19.5	9682	4305 T-3	2001 03 27.3	12 24.58 +13 25.1 19.9	-0.93 + 0.7	5.1/22.8	7417
1999 TD ₂₆	2001 03 26.8	12 22.81 -04 06.8 17.7	-0.89 + 6.1	0.7/27.4	10905	1999 RF ₁₄₃	2001 03 27.3	12 24.59 +02 40.5 18.3	-0.94 + 7.8	2.2/25.6	10895

3521 P-L	2001 03 27.3	12 24.71	-18 46.2	18.0	-0.90	+	4.9	5.4/01.5	11064	1999 XX ₂₀₀	2001 03 27.7	12 26.14	-12 45.9	16.6	-0.92	+	2.5	3.6/30.7	10941
1998 QY ₁₀₉	2001 03 27.3	12 24.75	+04 15.5	19.4	-0.94	+	5.6	2.2/25.1	5497	1999 YZ	2001 03 27.7	12 26.17	+04 13.7	18.4	-0.90	+	8.0	2.4/25.4	10943
1999 TD ₄₀	2001 03 27.3	12 24.75	+02 38.6	19.3	-0.98	+	5.3	1.9/25.7	1476	1999 XL ₁₃₃	2001 03 27.7	12 26.18	-07 26.8	17.2	-0.86	+	2.5	1.4/29.1	9781
1998 SE ₁₃₀	2001 03 27.3	12 24.78	-02 55.6	17.8	-0.77	+	5.6	0.1/27.4	10870	1994 LS	2001 03 27.7	12 26.24	+40 10.1	16.9	-0.69	+	9.8	17.9/10.0	10831
1998 SD ₇₂	2001 03 27.3	12 24.79	+00 33.8	19.6	-0.74	+	4.5	0.8/26.3	34304	1997 OT	2001 03 27.7	12 26.24	-10 47.0	19.8	-0.78	+	3.4	2.2/30.3	30903
1999 UM ₃₈	2001 03 27.3	12 24.90	-14 19.9	18.2	-0.85	+	7.5	3.8/31.5	9767	1998 QT ₁₀	2001 03 27.7	12 26.27	+12 48.1	19.1	-0.79	+	7.4	4.4/22.1	10859
1999 TK ₁₀₅	2001 03 27.3	12 24.91	-06 11.6	17.8	-1.03	+	3.3	1.5/28.4	10909	1999 XK ₁₉₅	2001 03 27.7	12 26.27	+03 20.4	17.9	-0.83	+	2.5	1.8/25.9	10941
1998 UJ ₂₃	2001 03 27.3	12 24.94	-24 35.7	19.6	-0.78	+	3.4	5.2/03.8	38525	1999 XU ₂₈	2001 03 27.7	12 26.27	+17 23.5	18.4	-0.99	+	4.5	6.5/21.2	2202
1999 UW ₂	2001 03 27.3	12 24.95	+08 42.1	17.1	-1.09	-	0.4	4.5/24.5	10918	1999 XO ₁₁₉	2001 03 27.7	12 26.39	+01 14.7	18.4	-1.00	+	3.9	1.4/26.6	1555
2000 AF ₁₆₃	2001 03 27.4	12 24.88	+09 42.1	19.0	-0.74	+	5.3	3.3/23.2	2721	2001 BK ₆₆	2001 03 27.8	12 26.35	+13 14.1	17.1	-0.75	+	9.2	5.6/21.7	10725
1999 TR ₁₀₅	2001 03 27.4	12 25.01	-11 40.8	18.2	-0.79	+	11.3	3.1/30.8	1139	1990 TD ₁₂	2001 03 27.8	12 26.39	-07 10.8	18.6	-0.85	+	5.9	1.4/29.2	9668
1999 TD ₂₄₈	2001 03 27.4	12 25.04	+02 00.4	18.5	-0.83	+	7.6	1.7/25.8	10916	1981 ER ₄₇	2001 03 27.8	12 26.40	-00 50.2	18.0	-0.90	+	5.1	0.6/27.2	39512
1999 UG ₇	2001 03 27.4	12 25.07	-15 54.6	18.4	-1.29	-	0.8	4.6/30.5	38811	1999 TM ₁₄₉	2001 03 27.8	12 26.42	-05 48.8	18.2	-0.94	+	6.4	1.1/28.8	316
1999 VX ₂₃	2001 03 27.4	12 25.10	-12 58.1	19.0	-0.88	+	5.5	3.2/30.8	40391	2000 AZ ₅₃	2001 03 27.8	12 26.59	-15 15.4	18.3	-0.80	+	3.7	3.5/31.9	2712
1999 TD ₁₃	2001 03 27.4	12 25.14	-06 10.6	21.0	-0.85	+	6.7	1.0/28.6	40378	1999 RG ₈₇	2001 03 27.8	12 26.64	-04 04.0	18.7	-0.99	+	5.4	0.5/28.2	3425
1999 XA ₁₉₄	2001 03 27.4	12 25.19	-00 15.3	19.0	-0.87	+	3.9	0.8/26.7	38611	1999 TH ₃₆	2001 03 27.8	12 26.72	-21 17.5	17.6	-1.09	+	3.3	7.5/02.5	10426
1995 SH ₁	2001 03 27.4	12 25.19	-12 10.1	19.6	-1.01	+	4.9	3.4/30.3	37267	1999 TV ₂₁₇	2001 03 27.8	12 26.73	-03 19.3	20.1	-0.91	+	6.9	0.1/28.0	1178
1999 XP ₁₈₁	2001 03 27.4	12 25.21	+07 33.9	16.9	-1.04	-	0.1	4.1/24.8	9782	1998 SF ₁₅₇	2001 03 27.8	12 26.77	+02 11.1	18.9	-0.86	+	1.7	1.4/26.4	9720
1999 XT ₁₇₄	2001 03 27.4	12 25.24	-13 30.5	18.5	-0.81	+	3.3	3.0/30.9	38856	1999 XC ₃₇	2001 03 27.8	12 26.79	-03 45.9	18.1	-0.93	+	8.8	0.3/28.2	40409
2000 AU ₁₀	2001 03 27.4	12 25.26	+16 54.9	19.3	-0.87	+	3.9	5.6/21.0	6265	1999 VG ₁₉	2001 03 27.9	12 26.71	-13 24.1	18.6	-0.79	+	7.3	3.3/31.6	38103
1999 TU ₁₂	2001 03 27.4	12 25.31	-01 07.4	19.1	-0.90	+	8.2	0.5/27.0	40378	1999 XK ₂₃₄	2001 03 27.9	12 26.75	-10 07.7	19.0	-0.79	+	9.6	2.4/30.6	2705
1999 SB ₃	2001 03 27.4	12 25.32	-18 45.8	19.0	-1.15	+	0.1	4.5/31.8	38805	1998 HO ₃₈	2001 03 27.9	12 26.78	-05 44.3	18.0	-1.02	+	7.1	1.2/28.8	40324
2000 AC ₁₈₇	2001 03 27.5	12 25.25	+19 22.2	18.7	-0.81	+	5.5	6.6/19.8	1565	2001 CD ₃₈	2001 03 27.9	12 26.79	+32 19.8	17.9	-0.82	+	2.9	9.4/14.3	10785
1998 QY ₁₃	2001 03 27.5	12 25.26	-02 17.8	18.2	-0.90	+	7.5	0.2/27.4	38055	2001 BK ₇₂	2001 03 27.9	12 26.88	+20 56.9	17.0	-0.77	+	7.0	8.0/18.7	10732
1999 XW ₇₅	2001 03 27.5	12 25.28	-42 21.6	17.5	-0.82	+	4.0	13.5/13.8	39560	1999 VZ ₇	2001 03 27.9	12 26.97	-09 49.8	18.3	-0.89	+	6.6	2.3/30.2	38100
1999 XB ₈₉	2001 03 27.5	12 25.31	-17 23.4	18.0	-0.78	+	5.3	4.7/01.5	10937	1990 ST ₁₄	2001 03 27.9	12 26.97	+04 48.8	18.9	-0.87	+	4.2	2.2/25.5	38755
1999 XB ₁₆₁	2001 03 27.5	12 25.36	+05 49.0	19.1	-0.88	+	3.4	2.5/24.9	40421	1999 VF ₁₃₈	2001 03 27.9	12 26.97	+16 17.1	18.8	-0.95	+	0.3	6.2/22.6	682
2000 AE ₂₈	2001 03 27.5	12 25.37	-03 19.3	18.5	-0.75	+	4.8	0.2/27.7	10944	1999 VL ₂₁₆	2001 03 27.9	12 27.01	-06 19.0	17.7	-1.04	+	2.5	1.6/28.9	10931
1999 VM ₁₈₂	2001 03 27.5	12 25.40	-01 41.6	20.1	-0.92	+	6.3	0.4/27.2	2179	1999 YZ ₆	2001 03 27.9	12 27.04	-22 11.7	19.0	-0.89	+	1.8	5.4/03.1	38862
2000 AW ₁₈₅	2001 03 27.5	12 25.44	+20 46.3	17.4	-0.85	+	5.0	9.0/19.2	10947	1991 RT ₉	2001 03 27.9	12 27.11	-05 08.7	18.2	-0.94	+	5.7	0.7/28.7	40297
1999 XB ₄₆	2001 03 27.5	12 25.44	-11 31.5	20.5	-0.96	+	6.5	2.8/30.4	38140	1999 TM ₂₀₀	2001 03 27.9	12 27.11	-08 56.4	19.0	-0.95	+	7.7	2.1/30.0	667
1998 SC ₁₂₇	2001 03 27.5	12 25.46	+05 04.3	19.2	-0.70	+	5.1	2.0/24.9	38793	1999 XP ₂₅	2001 03 27.9	12 27.15	+11 19.4	18.2	-0.96	+	4.4	5.6/23.5	10536
1999 XW ₁₄₃	2001 03 27.5	12 25.49	-09 58.3	19.4	-0.93	+	5.6	2.3/29.8	2232	1998 RQ ₇₃	2001 03 28.0	12 27.07	-06 38.1	18.7	-0.74	+	5.2	1.0/29.2	38788
1996 YP	2001 03 27.5	12 25.58	-14 16.5	17.7	-1.00	+	4.8	4.6/31.2	9686	1999 TD ₈	2001 03 28.0	12 27.12	-02 11.7	19.2	-0.96	+	5.9	0.2/27.8	2107
1999 VA ₂₆	2001 03 27.5	12 25.59	+17 08.5	18.6	-0.88	+	1.5	7.0/21.6	10487	1999 TZ ₁₆₁	2001 03 28.0	12 27.14	+04 39.8	17.7	-0.87	+	5.7	3.2/25.6	9202
1979 MP ₁	2001 03 27.5	12 25.61	-01 44.1	18.1	-0.90	+	6.4	0.4/27.2	10823	1999 TJ ₂₀₀	2001 03 28.0	12 27.24	-15 12.7	18.6	-0.84	+	8.6	3.8/01.5	1505
1999 XZ ₁₂₄	2001 03 27.5	12 25.61	+01 13.8	17.8	-1.07	+	2.9	1.7/26.5	10939	1999 XL ₂₁₃	2001 03 28.0	12 27.27	+13 56.9	18.6	-0.93	+	7.6	5.7/22.1	2704
1993 UV ₄	2001 03 27.5	12 25.64	+01 00.2	18.3	-0.70	+	7.7	1.1/26.2	38030	1999 RM ₄₂	2001 03 28.0	12 27.31	+16 03.3	18.0	-1.07	-	0.2	7.5/23.0	10890
2000 AQ ₇₀	2001 03 27.6	12 25.65	+35 15.7	17.1	-0.83	+	2.7	11.3/12.6	10944	1999 XP ₂₄₂	2001 03 28.0	12 27.34	+09 44.9	18.5	-0.92	+	2.8	3.6/24.2	10942
2000 AC ₂₈	2001 03 27.6	12 25.71	+02 19.5	18.9	-0.79	+	5.1	1.5/25.9	40428	1994 PD ₃₂	2001 03 28.0	12 27.35	-08 00.8	17.2	-0.82	+	6.7	2.1/29.8	9677
1999 VR ₃₅	2001 03 27.6	12 25.75	+07 07.8	19.9	-0.85	+	4.2	2.8/24.5	40393	1999 XX ₄₉	2001 03 28.0	12 27.36	-03 40.3	18.0	-0.78	+	4.6	0.3/28.3	3469
2000 AK ₁₄	2001 03 27.6	12 25.89	+18 04.5	19.1	-0.88	+	3.9	6.0/20.8	2709	1998 HG ₄₈	2001 03 28.0	12 27.38	+08 15.4	18.1	-1.04	+	6.4	4.0/24.5	40324
1990 SS ₃	2001 03 27.7	12 25.97	-04 21.0	18.0	-0.91	+	3.3	0.4/28.2	10826	1998 SV ₂₃	2001 03 28.0	12 27.45	+04 02.2	18.8	-0.87	+	1.3	1.9/26.1	38789
1999 VM ₅₁	2001 03 27.7	12 25.98	+03 09.6	19.6	-0.93	+	2.9	2.0/25.9	40395	1999 YO ₆	2001 03 28.0	12 27.47	+13 26.4	18.8	-0.91	+	1.4	4.7/23.2	1559
1999 SF ₂	2001 03 27.7	12 26.04	+01 44.2	18.4	-0.90	+	6.5	1.5/26.2	10902	1998 SQ ₂	2001 03 28.0	12 27.52	-29 24.6	18.9	-1.04	+	2.7	8.0/05.1	39538
1998 SJ ₂₄	2001 03 27.7	12 26.05	+02 57.0	17.7	-0.80	+	4.8	1.7/25.8	10868	2000 AQ ₁₈₅	2001 03 28.1	12 27.52	-02 29.0	16.9	-0.75	+	11.1	0.2/27.9	10947
1999 UG ₃₅	2001 03 27.7	12 26.05	-03 01.1	20.1	-0.91	+	6.3	0.1/27.8	10919	1999 TM ₃₄	2001 03 28.1	12 27.58	+01 12.9	17.8	-1.62	-	4.3	2.0/27.4	1475
1997 UC ₂₂	2001 03 27.7	12 26.06	-28 53.0	17.3	-0.81	+	2.7	6.5/05.5	40320	2000 AV ₂₂₈	2001 03 28.1	12 27.59	-09 55.3	18.4	-0.80	+	9.5	2.1/30.6	3924
1999 TS ₂₀₅	2001 03 27.7	12 26.08	-02 29.7	17.0	-1.01	+	3.0	0.1/27.6	2669	1999 TV ₂₇₆	2001 03 28.1	12 27.60	-08 25.8	15.9	-0.66	+	3.9	3.0/30.0	9765
2652 P-L	2001 03 27.7	12 26.09	-02 07.5	20.7	-0.73	+	4.9	0.2/27.5	2801	1998 SW ₁₄₆	2001 03 28.1	12 27.73	-00 19.3	20.1	-0.73	+	4.4	0.7/27.3	5505
1998 RB ₅₈	2001 03 27.7	12 26.13	-00 57.0	19.4	-0.78	+	5.9	0.6/27.1	217	1999 VM ₁₈₇	2001 03 28.1	12 27.73	-14 01.1	16.8	-0.77	+	12.1	4.6/01.4	9774

1999 VG ₁₇₇	2001 03 28.1	12 27.76 +08 45.1	19.0 -0.94 + 6.3	3.9/24.3	2688	2237 T-1	2001 03 28.6	12 29.25 -01 50.0	18.7 -1.01 + 3.4	0.5/28.2	11065
1999 XN ₂₄₁	2001 03 28.1	12 27.76 +19 58.7	18.7 -0.86 + 4.0	7.1/20.4	2706	1999 XH ₁₀₁	2001 03 28.6	12 29.33 +14 19.5	17.2 -0.78 + 4.1	5.2/22.6	10549
1998 QS ₃₀	2001 03 28.1	12 27.77 +03 03.7	19.8 -0.76 + 8.3	1.7/26.0	33347	1980 TS ₃	2001 03 28.6	12 29.44 -02 14.8	18.5 -0.76 + 6.6	0.2/28.3	2612
1999 YY ₃	2001 03 28.1	12 27.81 -26 45.7	18.5 -1.05 + 1.2	6.4/04.4	40426	1998 RO ₇₉	2001 03 28.6	12 29.46 +02 25.0	20.4 -0.77 + 3.7	1.5/26.9	33275
1999 RK ₉₇	2001 03 28.2	12 27.84 -05 43.0	18.5 -0.96 + 5.8	1.1/29.1	10378	1997 FP ₄	2001 03 28.6	12 29.47 -06 48.8	17.9 -0.90 + 4.9	1.5/29.8	10839
1999 TT ₉	2001 03 28.2	12 27.88 -04 29.3	19.6 -0.89 + 6.7	0.5/28.7	40378	1999 TL ₁₅₇	2001 03 28.6	12 29.62 -04 11.7	18.9 -0.98 + 6.9	0.4/29.0	1162
1999 XL ₂₃₀	2001 03 28.2	12 27.91 +09 58.2	18.8 -1.02 + 1.6	4.4/24.6	694	1999 TW ₂₄	2001 03 28.6	12 29.69 -04 58.7	18.6 -0.98 + 5.6	0.7/29.2	2659
1999 YA ₆	2001 03 28.2	12 27.93 -37 05.2	19.5 -1.20 + 0.5	9.9/08.3	40426	1998 RY ₅₄	2001 03 28.7	12 29.62 -09 42.0	18.5 -0.78 + 6.7	1.8/30.9	38060
1999 UV ₁₅	2001 03 28.2	12 27.95 +05 58.6	18.5 -0.95 + 5.0	3.5/25.4	10918	1998 TP ₂₆	2001 03 28.7	12 29.62 +06 38.6	19.9 -0.86 + 2.6	2.9/25.7	4921
1998 HD ₄₂	2001 03 28.2	12 27.97 +03 30.0	19.9 -0.99 + 7.5	2.6/26.1	36368	1998 KO ₆₄	2001 03 28.7	12 29.64 +06 58.8	17.9 -0.97 + 5.5	4.5/25.5	10326
1999 QQ ₁	2001 03 28.2	12 28.06 -08 23.6	20.5 -0.86 + 6.5	1.6/30.0	5588	1995 QA ₃	2001 03 28.7	12 29.64 -10 01.3	16.6 -1.06 + 3.3	2.6/30.6	9679
2000 AK ₁₀₁	2001 03 28.2	12 28.09 +23 14.1	18.4 -0.92 + 2.9	9.2/19.4	698	1998 SA ₅₅	2001 03 28.7	12 29.75 -02 02.1	18.2 -0.78 + 5.7	0.4/28.3	38790
2000 AG ₁₆₉	2001 03 28.2	12 28.11 +11 25.9	18.9 -0.91 + 7.9	4.8/23.3	10947	2000 CB ₃₈	2001 03 28.7	12 29.75 -06 35.0	18.5 -0.73 + 3.9	0.8/29.8	39390
2000 BU ₄₇	2001 03 28.2	12 28.12 -03 56.3	18.5 -0.74 + 4.7	0.3/28.6	6996	1999 TB ₁₉₄	2001 03 28.7	12 29.76 -05 27.6	19.0 -1.04 + 3.3	0.8/29.4	2130
3031 P-L	2001 03 28.2	12 28.12 -18 47.7	19.2 -0.80 + 3.4	4.1/02.4	39495	1999 XT ₁₀	2001 03 28.7	12 29.76 -21 54.7	18.3 -0.88 + 6.2	7.0/04.3	1546
1999 RX ₈₈	2001 03 28.2	12 28.15 -05 48.2	18.2 -0.96 + 6.1	1.1/29.2	10892	1999 VK ₃₄	2001 03 28.7	12 29.78 -23 16.8	19.1 -0.87 + 7.3	6.7/05.0	38109
1999 XV ₁₂₈	2001 03 28.2	12 28.21 +09 32.9	18.4 -0.94 + 2.5	4.0/24.6	1556	1999 UM ₅₂	2001 03 28.7	12 29.83 +00 10.4	17.8 -0.73 +10.2	1.2/27.5	10477
1998 QN ₁₂	2001 03 28.3	12 28.17 -04 15.7	19.7 -0.79 + 6.2	0.3/28.7	10859	1997 AS ₁₉	2001 03 28.7	12 29.84 -07 31.6	18.7 -0.89 + 5.9	1.9/30.1	34518
1999 YG ₆	2001 03 28.3	12 28.18 -47 20.2	19.5 -1.21 + 1.5	13.3/15.0	2707	1999 XX ₈₆	2001 03 28.7	12 29.86 -16 26.9	18.4 -0.83 + 4.6	3.6/02.1	10936
1999 VX ₁₃₃	2001 03 28.3	12 28.20 -10 24.5	18.2 -0.85 + 7.2	2.7/30.8	1534	1999 XH ₄₉	2001 03 28.7	12 29.89 -06 51.5	18.6 -0.87 + 5.4	1.3/30.0	2696
1998 TR ₃₃	2001 03 28.3	12 28.21 +01 17.2	17.9 -0.79 + 5.2	1.3/26.9	38795	1999 XT ₃₆	2001 03 28.7	12 29.90 -02 07.0	17.2 -0.98 + 3.1	0.4/28.4	10934
1999 RZ ₃₇	2001 03 28.3	12 28.26 -02 28.0	18.8 -0.86 + 7.6	0.2/28.1	40358	1999 XG ₁₂₉	2001 03 28.7	12 29.94 -09 53.3	17.2 -1.03 + 3.4	2.6/30.7	40419
1999 LB ₆	2001 03 28.3	12 28.27 -05 26.2	16.2 -0.92 +24.9	1.0/29.3	9731	1999 XO ₄₉	2001 03 28.7	12 29.95 +05 37.8	18.1 -1.05 + 4.5	3.7/26.1	9778
1999 TE ₂₆	2001 03 28.3	12 28.30 +01 59.4	18.5 -1.08 + 2.3	1.9/27.0	10423	1999 XZ ₄₄	2001 03 28.7	12 29.97 -08 40.9	19.9 -0.95 + 6.7	1.9/30.5	2211
1999 XQ ₅	2001 03 28.3	12 28.30 -29 25.9	18.2 -0.90 + 4.9	8.1/06.8	40403	1999 RO ₂₅	2001 03 28.7	12 30.05 -06 22.8	18.2 -0.99 + 6.7	1.3/29.8	9737
1999 XZ ₆₅	2001 03 28.3	12 28.31 -03 25.3	19.7 -0.90 + 6.0	0.1/28.5	37903	1999 WR ₂	2001 03 28.8	12 30.02 -05 14.6	20.1 -0.94 + 5.6	0.7/29.4	38124
2000 AG ₈₁	2001 03 28.3	12 28.36 -00 02.4	17.5 -0.71 + 6.2	0.9/27.3	10945	1995 PA	2001 03 28.8	12 30.04 +01 29.1	19.4 -0.96 + 5.4	1.5/27.3	40308
1994 UA ₆	2001 03 28.3	12 28.38 +01 39.6	19.1 -0.86 + 3.5	1.3/26.9	38764	1999 XS ₄₈	2001 03 28.8	12 30.05 -05 25.5	19.4 -0.85 + 5.0	0.7/29.5	5669
1998 RV ₄₂	2001 03 28.3	12 28.41 -09 57.1	17.7 -0.79 + 6.3	2.1/30.7	10865	1996 AE ₁₈	2001 03 28.8	12 30.09 +02 23.8	19.3 -0.84 + 6.5	1.6/26.9	38037
1999 XU ₄₀	2001 03 28.3	12 28.43 -07 43.1	20.6 -0.87 + 5.7	1.4/30.0	1549	2001 CK ₄₃	2001 03 28.8	12 30.09 +20 43.9	18.8 -1.06 - 0.5	8.6/22.3	10787
3234 T-2	2001 03 28.3	12 28.43 +02 17.4	19.4 -0.94 + 5.4	1.7/26.7	40533	1996 AF ₁₈	2001 03 28.8	12 30.10 -05 37.2	19.5 -0.84 + 5.8	0.7/29.6	2622
1999 VV ₁₉₂	2001 03 28.3	12 28.50 -09 06.8	18.8 -1.02 + 4.5	2.3/30.2	9774	1998 UV ₃₀	2001 03 28.8	12 30.12 +04 10.3	18.3 -0.77 + 7.4	2.2/26.2	10873
1999 XX ₁₂₀	2001 03 28.3	12 28.50 +02 32.3	18.0 -1.01 + 4.1	2.1/26.7	10938	2000 CL ₁₈	2001 03 28.8	12 30.15 -03 05.4	17.8 -0.70 + 5.6	0.0/28.8	2734
1990 RX ₂	2001 03 28.3	12 28.54 -12 14.6	19.3 -0.92 + 3.5	2.7/31.2	1868	1999 TP ₁₇₂	2001 03 28.8	12 30.16 -02 28.1	20.0 -0.94 + 6.5	0.2/28.6	1500
1998 KZ ₉	2001 03 28.4	12 28.58 +02 31.4	19.0 -1.02 + 5.3	2.1/26.7	9710	1999 TT ₂₁₅	2001 03 28.8	12 30.23 +00 36.4	18.3 -0.86 + 6.8	1.4/27.6	1507
1999 XE ₉₈	2001 03 28.4	12 28.58 -08 07.8	18.5 -0.93 + 5.8	1.7/30.0	1553	1993 TU ₂₇	2001 03 28.8	12 30.24 -00 13.7	21.6 -0.74 + 5.0	0.8/27.8	6717
3043 T-3	2001 03 28.4	12 28.65 +00 01.9	21.4 -0.92 + 6.6	1.1/27.4	11067	1998 TB ₃₂	2001 03 28.8	12 30.30 -15 10.7	18.7 -0.70 + 6.4	3.0/02.1	1980
1998 RW ₆₆	2001 03 28.4	12 28.76 -12 02.6	19.3 -0.82 + 2.2	2.2/31.2	3252	1999 VP ₅	2001 03 28.8	12 30.31 -01 19.1	18.3 -0.88 + 5.5	0.7/28.5	38100
2000 AM ₈₇	2001 03 28.4	12 28.80 +00 18.0	18.5 -0.77 + 5.5	1.0/27.3	10945	1999 TY ₁	2001 03 28.8	12 30.32 +14 32.1	19.2 -0.96 + 2.9	5.1/23.5	40376
2000 AG ₁₀₂	2001 03 28.4	12 28.82 +08 32.2	19.0 -0.94 + 7.0	4.1/24.6	2288	2000 AF ₁₀₄	2001 03 28.8	12 30.32 -24 59.1	17.3 -0.76 + 8.5	7.6/06.3	9785
1999 XJ ₁₁₇	2001 03 28.4	12 28.84 -00 56.0	19.1 -1.02 + 4.8	0.7/27.8	40417	1999 TT ₂₇₇	2001 03 28.8	12 30.33 -00 42.7	18.1 -1.09 - 0.1	1.1/28.2	9223
1999 XP ₁₅₅	2001 03 28.4	12 28.85 -22 11.1	18.1 -0.83 + 7.3	6.1/04.4	40421	1999 XU ₄₂	2001 03 28.8	12 30.37 -07 43.6	18.5 -0.93 + 6.5	1.5/30.3	347
1999 XH ₁₂₄	2001 03 28.4	12 28.97 +09 35.8	20.8 -0.95 + 2.9	3.8/24.7	1555	2000 AS ₁₅	2001 03 28.9	12 30.34 +07 52.6	18.9 -0.94 + 5.4	3.4/25.3	1225
1999 XJ ₁₂₃	2001 03 28.4	12 28.98 -08 00.4	17.8 -1.02 + 2.7	2.0/29.9	10556	1997 PP ₂	2001 03 28.9	12 30.34 -33 28.2	19.6 -0.91 + 1.2	7.9/07.7	40318
1999 RK ₂₀₈	2001 03 28.5	12 28.88 -13 49.4	19.7 -1.01 + 4.4	3.6/31.8	2656	1996 HW ₂₀	2001 03 28.9	12 30.39 -01 16.8	19.2 -0.71 + 4.9	0.5/28.2	39526
1999 UU ₁₃	2001 03 28.5	12 28.92 -09 57.4	16.6 -0.89 + 7.9	3.0/30.8	9766	1998 SS ₁₂₃	2001 03 28.9	12 30.42 -03 52.4	17.8 -0.72 + 6.8	0.2/29.1	10870
1999 YM ₁₃	2001 03 28.5	12 28.94 +25 00.3	18.5 -0.90 + 7.9	8.5/18.0	39567	2000 AB ₂₉	2001 03 28.9	12 30.44 -12 15.5	17.3 -0.99 + 4.3	3.1/31.6	40428
1999 XH ₄₅	2001 03 28.5	12 29.00 +07 43.1	19.2 -0.99 + 5.6	3.8/25.1	10935	2001 CH ₄₃	2001 03 28.9	12 30.44 +23 32.0	17.2 -0.82 + 6.6	10.2/18.5	10787
1999 VV ₂₈	2001 03 28.5	12 29.13 -13 02.5	17.5 -0.84 + 7.4	3.6/32.0	38817	1990 SV	2001 03 28.9	12 30.45 -08 39.7	19.8 -0.90 + 4.8	1.6/30.6	33068
1998 QJ ₈₇	2001 03 28.5	12 29.25 -19 19.7	19.4 -0.88 + 3.6	4.6/02.7	10863	1999 TF ₂	2001 03 28.9	12 30.46 -07 42.9	19.9 -0.94 + 7.6	1.4/30.4	40376
1998 RF ₆	2001 03 28.6	12 29.25 +00 32.7	18.4 -0.78 + 7.1	1.2/27.3	10864	1999 TN ₉₃	2001 03 28.9	12 30.47 +03 46.2	18.4 -0.92 + 5.9	2.9/26.7	10908

1999 VQ ₇₈	2001 03 28.9	12 30.54	-04 46.5	18.0	-1.10	+ 4.3	0.7/29.4	10926	1999 TM	2001 03 29.3	12 32.21	-07 11.1	17.8	-0.92	+ 8.0	1.3/30.6	40375
1999 XJ ₁₉₁	2001 03 28.9	12 30.59	+18 32.9	17.9	-0.87	+ 1.5	6.3/22.2	10941	1999 XV ₃₆	2001 03 29.4	12 32.33	-03 50.7	17.5	-1.04	+ 3.8	0.1/29.5	10538
1999 XF ₇	2001 03 28.9	12 30.62	-01 53.1	19.4	-0.89	+ 4.9	0.5/28.5	1546	1997 PC ₁	2001 03 29.4	12 32.40	-01 28.6	18.3	-0.77	+ 4.7	0.6/28.8	10841
1977 TU ₃	2001 03 28.9	12 30.65	-12 36.2	17.8	-0.70	+ 7.0	2.3/01.3	10823	1999 RE ₈₄	2001 03 29.4	12 32.41	-04 05.4	19.3	-0.96	+ 4.8	8.9/19.0	4515
1999 XX ₁₉	2001 03 28.9	12 30.73	-00 06.5	19.4	-0.92	+ 5.5	1.1/28.0	687	1999 TS ₈₇	2001 03 29.4	12 32.56	+00 19.9	20.2	-0.91	+ 6.3	1.3/28.2	3443
1999 UL ₄₆	2001 03 28.9	12 30.76	-06 10.0	17.5	-0.99	+ 2.3	1.1/30.0	2678	2188 P-L	2001 03 29.5	12 32.54	-07 15.3	20.4	-0.96	+ 6.0	1.3/30.7	2801
1996 HY ₁₀	2001 03 29.0	12 30.77	+06 07.9	18.3	-0.84	+ 2.6	2.9/26.1	10834	1998 SM ₂₆	2001 03 29.5	12 32.63	-04 43.6	19.9	-0.73	+ 4.5	0.3/29.9	10868
2000 AE ₇₀	2001 03 29.0	12 30.78	-11 39.4	18.4	-0.78	+ 6.3	2.6/31.9	1561	2000 AY ₅₃	2001 03 29.5	12 32.72	-18 07.1	18.7	-0.82	+ 3.8	4.0/03.3	1561
1998 QF ₄₀	2001 03 29.0	12 30.90	-06 13.1	17.1	-0.81	+ 6.0	1.0/30.0	10861	1994 AC	2001 03 29.5	12 32.81	-09 01.6	17.3	-1.00	+ 7.0	2.2/31.3	9676
1992 DZ ₃	2001 03 29.0	12 30.91	-12 11.3	19.4	-0.92	+ 3.3	2.6/31.7	1876	1998 SV ₈₃	2001 03 29.5	12 32.92	-03 51.6	20.4	-0.75	+ 4.3	0.1/29.7	10338
1996 KR ₁	2001 03 29.0	12 30.93	-21 16.0	17.5	-1.00	+15.7	7.2/05.1	169	1995 UP	2001 03 29.5	12 32.94	-09 38.5	18.7	-0.94	+ 6.5	2.0/31.5	37647
1994 RF	2001 03 29.0	12 31.01	-06 40.3	19.1	-0.80	+ 6.4	1.0/30.2	40306	1997 GO ₄₀	2001 03 29.5	12 32.96	+02 39.1	18.5	-0.88	+ 4.1	2.5/27.7	2627
1993 FD ₃₇	2001 03 29.0	12 31.02	-01 58.3	17.7	-0.86	+ 6.9	0.5/28.6	8375	1998 QR ₈₆	2001 03 29.5	12 32.96	-15 02.8	18.6	-0.84	+ 4.3	3.1/02.3	40332
2000 AO ₂₆	2001 03 29.0	12 31.05	+03 34.0	18.4	-0.84	+ 4.9	2.2/26.8	38628	1999 XM ₅₁	2001 03 29.6	12 32.92	-03 24.8	17.0	-0.98	+ 6.8	11.3/10.0	7516
2000 AL ₁₄₉	2001 03 29.0	12 31.08	-02 01.6	19.3	-0.88	+ 7.5	0.4/28.6	1564	1998 SZ ₁₄₆	2001 03 29.6	12 32.94	+00 48.1	19.4	-0.96	+ 3.2	1.3/28.3	3899
1999 XC ₁₄₃	2001 03 29.1	12 31.07	+04 56.7	17.8	-0.92	+ 5.3	2.9/26.5	10939	2000 AZ ₁₂₇	2001 03 29.6	12 33.06	-32 11.7	18.8	-0.90	+ 1.4	7.8/07.7	6990
1999 VO ₃₅	2001 03 29.1	12 31.13	+12 44.7	18.0	-0.85	+ 2.9	5.5/24.0	10923	1998 SS ₁₄₇	2001 03 29.6	12 33.20	+13 28.1	17.9	-0.95	- 0.5	5.2/24.9	10339
1998 HG ₂₄	2001 03 29.1	12 31.16	-03 02.4	17.1	-0.94	+ 8.8	0.1/29.0	10851	1999 XQ ₁₃₈	2001 03 29.6	12 33.20	+01 18.7	19.1	-0.79	+ 5.0	1.4/28.1	38598
1999 RG ₉₀	2001 03 29.1	12 31.17	+04 07.7	18.7	-0.90	+ 6.2	2.5/26.7	10892	1995 VE ₆	2001 03 29.6	12 33.23	+04 30.2	19.0	-0.97	+ 4.6	2.9/27.2	6731
1994 PM ₁₅	2001 03 29.1	12 31.18	-06 55.9	19.9	-0.88	+ 4.8	1.1/30.2	39161	1999 XV ₁₁₆	2001 03 29.6	12 33.32	-02 03.2	19.5	-1.05	+ 4.9	0.6/29.2	6263
1999 XT ₁₇₀	2001 03 29.1	12 31.24	+12 12.8	17.7	-0.87	+ 3.6	5.1/24.1	10562	2000 AR ₃₄	2001 03 29.6	12 33.33	-25 11.1	18.9	-0.84	+ 2.2	5.6/05.7	39569
2000 AG ₄₀	2001 03 29.1	12 31.32	-26 40.3	19.5	-0.84	+ 2.8	6.0/06.0	40429	1999 XG ₈₃	2001 03 29.7	12 33.26	+25 14.2	17.7	-0.78	+ 3.6	7.1/19.5	10936
1999 XJ ₉₇	2001 03 29.1	12 31.48	+08 54.1	18.1	-0.98	+ 4.8	4.3/25.3	38845	1999 VM ₁₆₄	2001 03 29.7	12 33.32	-16 42.0	19.4	-0.84	+ 7.6	4.2/03.4	2687
2000 AW ₅₂	2001 03 29.1	12 31.48	-08 34.4	19.0	-1.00	+ 4.9	1.8/30.8	696	1995 UQ ₄₆	2001 03 29.7	12 33.35	-01 06.6	19.3	-0.99	+ 5.1	0.8/29.0	10307
1996 YE ₂	2001 03 29.2	12 31.46	-11 40.0	17.4	-0.99	+ 5.4	3.2/31.8	9686	1999 TF ₃₀	2001 03 29.7	12 33.36	-05 40.6	18.3	-0.96	+ 5.6	0.8/30.4	10425
2000 AJ ₁₈₈	2001 03 29.2	12 31.46	+07 59.8	18.3	-0.87	+ 9.2	3.9/25.1	10948	1999 VF ₅₁	2001 03 29.7	12 33.41	-09 24.0	20.1	-0.99	+ 3.9	2.1/31.5	5653
1998 UO ₃₂	2001 03 29.2	12 31.48	-13 35.9	18.8	-0.74	+ 6.4	2.8/01.8	37797	1999 XH ₂₀₅	2001 03 29.7	12 33.45	-11 05.0	19.3	-0.82	+ 2.8	2.0/01.1	5679
1999 WX ₂	2001 03 29.2	12 31.51	-01 08.3	19.1	-0.99	+ 6.6	0.8/28.5	38124	1998 QW ₈₆	2001 03 29.7	12 33.50	-25 25.1	18.1	-0.95	+ 4.0	6.8/05.7	10863
1999 VW ₈₆	2001 03 29.2	12 31.61	+08 00.7	20.3	-0.86	+ 8.7	3.8/25.2	4537	1999 VL	2001 03 29.7	12 33.54	-00 07.1	19.3	-0.94	+ 5.6	1.2/28.7	40387
1994 SS ₈	2001 03 29.2	12 31.65	-03 14.1	18.0	-0.83	+ 5.6	0.1/29.2	38032	1998 QK ₃₄	2001 03 29.7	12 33.60	-18 42.4	17.3	-1.02	+ 1.8	4.9/03.1	10860
2000 CS ₄	2001 03 29.2	12 31.69	-03 19.1	19.7	-0.75	+ 5.0	0.0/29.2	2343	1999 VE ₁	2001 03 29.7	12 33.60	-00 15.1	18.5	-1.08	+ 2.6	1.2/28.8	40387
1999 XX ₁₂₄	2001 03 29.2	12 31.70	-20 14.9	17.5	-0.96	+ 5.8	6.5/03.8	10939	1998 SZ ₂	2001 03 29.7	12 33.61	+17 07.6	18.3	-0.83	+ 4.7	6.0/22.6	38789
1999 XF ₂₄₅	2001 03 29.2	12 31.73	+04 48.9	19.3	-0.81	+ 7.8	2.9/26.4	5682	1999 RE ₂₄	2001 03 29.7	12 33.67	+01 39.7	18.6	-1.04	+ 4.8	2.1/28.2	40356
2000 AP ₆	2001 03 29.2	12 31.77	-05 36.0	19.7	-0.81	+ 7.3	0.7/30.0	1560	1999 RK ₃	2001 03 29.7	12 33.70	+05 09.3	18.1	-1.08	+ 3.0	3.7/27.3	40354
1995 UM	2001 03 29.2	12 31.79	-09 46.8	19.3	-0.88	+ 7.2	2.2/31.4	40309	1999 VJ ₂₄	2001 03 29.7	12 33.71	+08 13.5	17.4	-0.98	+ 3.4	3.9/26.3	10487
1999 TR ₃₆	2001 03 29.2	12 31.81	-05 59.9	16.7	-0.75	+13.4	1.0/30.3	10906	2608 T-3	2001 03 29.8	12 33.71	-12 04.2	19.8	-0.98	+ 6.7	3.3/01.5	3849
1998 MX ₁₅	2001 03 29.2	12 31.81	+20 55.6	17.1	-0.83	+ 6.2	9.0/20.4	10857	1999 UE ₂	2001 03 29.8	12 33.76	+06 35.5	18.5	-0.99	+ 5.3	3.4/26.6	40383
1999 RN ₁₀₅	2001 03 29.2	12 31.87	-00 13.6	17.9	-0.91	+ 7.8	1.3/28.2	10380	2110 P-L	2001 03 29.8	12 33.86	-06 39.9	19.6	-0.87	+ 5.3	1.0/30.8	38906
1999 YV ₂₄	2001 03 29.3	12 31.83	+09 35.1	19.9	-0.96	+ 5.6	4.4/25.1	6265	1998 SH ₅₆	2001 03 29.8	12 34.01	-05 01.0	18.1	-0.94	+ 4.2	9.0/10.0	10869
1999 VZ ₃₈	2001 03 29.3	12 31.86	-06 37.5	18.5	-0.94	+ 6.5	1.1/30.3	2159	2000 AN ₁₀₂	2001 03 29.9	12 34.00	+14 16.2	19.3	-0.93	+ 5.8	6.0/23.9	3491
1999 WS ₂	2001 03 29.3	12 31.94	-09 59.2	18.8	-1.02	+ 6.0	2.5/31.4	2185	1999 XE ₉₉	2001 03 29.9	12 34.15	+04 40.9	20.0	-0.89	+ 4.7	2.4/27.3	38152
1999 XU ₇₅	2001 03 29.3	12 31.94	+14 42.8	18.8	-0.77	+ 3.7	4.9/23.3	40412	1998 QP ₇₀	2001 03 29.9	12 34.29	-12 38.2	19.2	-0.79	+ 7.4	2.5/02.1	38784
1999 VB ₁₃₈	2001 03 29.3	12 31.98	+05 18.3	22.0	-1.00	+ 4.1	2.6/26.7	2686	1999 XA ₂	2001 03 29.9	12 34.37	+18 01.7	18.3	-0.86	+ 5.6	6.5/22.5	40403
1988 WA	2001 03 29.3	12 31.99	+15 51.2	17.0	-1.07	+ 3.2	6.7/23.4	10825	1999 XB ₁₁₁	2001 03 29.9	12 34.38	+07 38.1	18.4	-0.95	+ 5.9	4.1/26.3	10938
1999 XR ₂₆	2001 03 29.3	12 32.00	+06 05.7	20.4	-1.02	+ 4.6	3.3/26.5	1548	1999 XS ₁	2001 03 29.9	12 34.41	-15 47.1	18.4	-0.89	+ 3.8	3.9/02.8	5663
1998 QO ₄₇	2001 03 29.3	12 32.01	-00 14.6	21.1	-0.68	+ 5.2	0.7/28.2	32712	1999 XN ₁₂₇	2001 03 29.9	12 34.43	+20 06.1	18.6	-0.97	+ 2.0	8.4/22.4	10559
1999 XL ₂₂₂	2001 03 29.3	12 32.02	-12 29.2	18.5	-0.99	+ 4.4	3.4/01.1	5680	1999 XO ₄₃	2001 03 30.0	12 34.35	-05 23.7	19.5	-0.93	+ 5.7	0.6/30.5	2211
1999 SV ₁₀	2001 03 29.3	12 32.04	+09 16.1	19.4	-1.02	+ 4.9	4.5/25.5	1469	2000 AZ ₁₄₅	2001 03 30.0	12 34.38	-06 02.9	19.8	-0.95	+ 6.2	0.8/30.8	2305
1997 CZ ₁₄	2001 03 29.3	12 32.14	-01 17.5	19.6	-0.98	+ 5.5	0.7/28.7	37272	1998 QR ₂₆	2001 03 30.0	12 34.43	-05 52.7	18.0	-0.95	+ 6.4	0.9/30.7	35710
9548 P-L	2001 03 29.3	12 32.15	-00 30.9	20.4	-0.74	+ 5.7	0.8/28.4	36122	1999 TA ₁₇₁	2001 03 30.0	12 34.45	-04 56.5	17.9	-0.89	+ 9.4	0.5/30.4	319
1999 XF ₇₁	2001 03 29.3	12 32.19	+11 53.3	16.7	-1.01	+ 6.2	5.9/24.3	10936	1999 TR ₂₂₁	2001 03 30.0	12 34.48	+06 02.0	18.4	-0.95	+ 8.3	3.5/26.7	10915

1997 AW ₁₇	2001 03 30.0	12 34.53 +00 26.9 17.6	-0.90 + 5.2	1.8/28.7	9688	1999 XD ₁₁₄	2001 03 30.5	12 36.17 -07 05.7 15.5	-1.14 - 0.8	1.3/31.3	10938
2000 CW ₃₅	2001 03 30.0	12 34.58 -17 44.9 19.5	-0.86 + 4.8	3.8/03.6	2735	1994 RL ₁₀	2001 03 30.5	12 36.31 -05 45.9 19.8	-0.94 + 5.3	0.6/31.1	39957
1998 SD ₅₉	2001 03 30.0	12 34.61 -02 14.9 18.6	-0.76 + 5.4	0.4/29.6	6218	1998 QB ₈	2001 03 30.5	12 36.32 -08 56.0 18.3	-0.89 + 7.3	1.7/01.2	1952
1999 VY ₆₅	2001 03 30.0	12 34.77 -07 23.9 18.6	-0.88 + 7.8	1.3/31.3	38119	2000 AV ₂₄₀	2001 03 30.5	12 36.34 -19 09.7 17.6	-0.77 +11.2	4.8/05.5	2727
1998 RY ₇₈	2001 03 30.1	12 34.76 +05 56.8 17.9	-0.73 + 4.9	2.8/26.8	10867	1999 VM ₁₂	2001 03 30.5	12 36.34 +01 11.5 18.7	-0.86 + 4.9	1.6/28.9	40390
1998 SL ₆₀	2001 03 30.1	12 34.86 +01 10.3 17.8	-0.80 + 4.8	1.6/28.5	39242	1995 FV ₄	2001 03 30.5	12 36.36 -02 20.4 19.1	-0.78 + 3.5	0.5/30.0	6724
1998 QF ₈₉	2001 03 30.1	12 34.89 -19 29.8 17.7	-0.86 + 6.6	4.8/04.5	2634	1999 UZ ₇	2001 03 30.5	12 36.39 +03 29.0 18.5	-0.95 + 4.2	2.7/28.3	38093
1998 QQ ₃₈	2001 03 30.1	12 34.92 -08 35.8 17.1	-0.89 + 6.3	2.1/31.7	9716	1998 SY ₃	2001 03 30.5	12 36.41 -04 07.4 19.2	-0.81 + 6.7	0.1/30.6	33707
1998 QU ₉₇	2001 03 30.1	12 34.96 -40 44.2 17.9	-1.53 - 8.2	16.7/05.3	34591	1999 VC ₈₈	2001 03 30.5	12 36.42 +16 48.0 18.9	-0.95 + 1.8	6.8/24.3	1528
1156 T-3	2001 03 30.1	12 35.12 -18 07.5 18.0	-0.80 + 4.4	4.3/03.9	11066	2000 AX ₁₇₄	2001 03 30.5	12 36.45 -11 28.8 18.1	-0.79 + 6.9	2.2/02.2	2722
1999 XG ₁₃₁	2001 03 30.1	12 35.15 -27 16.3 17.6	-1.04 + 1.9	10.5/06.2	10939	1999 XM ₁₃₇	2001 03 30.5	12 36.53 +00 26.8 19.4	-0.92 + 6.9	1.5/29.2	2700
1994 PX ₉	2001 03 30.2	12 35.07 -03 29.2 19.1	-0.89 + 5.3	0.1/30.1	38031	1999 TE ₂₅	2001 03 30.5	12 36.57 -07 45.4 19.1	-0.91 + 7.9	1.4/31.9	2659
1999 VQ ₂₈	2001 03 30.2	12 35.11 -05 43.8 18.7	-0.91 + 6.1	0.6/30.8	38817	1999 VW ₁₉₄	2001 03 30.5	12 36.58 -00 49.0 19.0	-0.92 + 6.6	1.2/29.6	4950
1999 XL ₁₉₀	2001 03 30.2	12 35.18 -13 33.8 19.0	-0.87 + 4.3	3.0/02.3	2703	1998 MD	2001 03 30.5	12 36.62 -12 46.0 19.4	-0.89 + 5.1	2.5/02.4	38778
1999 VW ₁₂	2001 03 30.2	12 35.19 -06 52.2 19.3	-0.97 + 5.5	1.1/31.2	8459	1998 RY ₇₉	2001 03 30.6	12 36.54 -11 10.0 18.8	-0.72 + 6.7	1.9/02.1	37763
1999 YG ₁₈	2001 03 30.2	12 35.21 +04 54.6 18.2	-0.78 +12.5	2.7/26.9	10943	1999 XH ₂₇	2001 03 30.6	12 36.55 +20 18.9 18.6	-1.00 + 1.5	8.7/23.2	10537
1999 VE ₇₁	2001 03 30.2	12 35.22 -16 54.2 18.7	-0.81 + 8.7	4.4/04.0	1526	1998 SK ₁₃₉	2001 03 30.6	12 36.58 -14 56.4 17.8	-0.69 + 7.7	3.1/03.7	39542
1999 TK ₁₈₃	2001 03 30.2	12 35.23 +02 41.0 19.5	-0.96 + 5.9	2.3/28.2	1172	1999 VK ₅₇	2001 03 30.6	12 36.59 -06 01.8 19.7	-0.99 + 5.4	0.7/31.3	677
1991 UD ₃	2001 03 30.2	12 35.29 -07 50.1 17.7	-0.86 + 8.1	1.4/31.6	37261	1998 QG ₅₇	2001 03 30.6	12 36.62 -02 30.5 18.1	-0.74 + 8.6	0.6/30.1	35711
1998 PR	2001 03 30.2	12 35.29 -07 57.7 18.2	-0.85 + 4.2	1.3/31.6	38780	1998 HE ₅₁	2001 03 30.6	12 36.67 -06 47.9 17.7	-1.00 + 8.0	1.1/31.6	38050
2000 AO ₇₅	2001 03 30.2	12 35.34 +02 23.4 19.3	-0.83 + 6.1	1.7/28.2	2714	1999 TN ₂₄₁	2001 03 30.6	12 36.76 +08 09.8 18.7	-0.97 + 4.4	4.3/26.9	1511
1998 UE ₃₄	2001 03 30.2	12 35.35 -15 46.9 17.8	-0.74 + 5.8	3.4/03.4	40345	1998 RU ₁	2001 03 30.6	12 36.77 -22 57.5 17.4	-1.03 + 0.9	7.4/05.0	10864
1998 UJ ₂₁	2001 03 30.2	12 35.40 -12 27.4 19.0	-0.80 + 6.2	2.6/02.2	6219	1999 VV ₈₆	2001 03 30.6	12 36.80 +04 53.6 19.6	-0.73 + 7.3	2.4/27.6	40399
2664 P-L	2001 03 30.2	12 35.42 -04 54.5 19.4	-0.80 + 3.0	0.3/30.6	36120	1998 QC ₃₉	2001 03 30.6	12 36.80 -00 42.2 17.8	-0.92 + 7.1	1.2/29.6	10861
1999 VP ₁₇₂	2001 03 30.2	12 35.44 +12 53.7 18.5	-0.83 + 3.1	5.0/24.9	2688	1995 UB ₄	2001 03 30.6	12 36.84 +02 09.0 21.1	-0.96 + 3.9	1.8/28.9	36517
1995 TP	2001 03 30.2	12 35.49 -05 37.1 18.9	-0.89 + 7.9	0.6/30.9	9680	1998 SM ₄₉	2001 03 30.6	12 36.95 -03 24.7 20.1	-0.70 + 4.5	0.1/30.5	38790
1998 SE ₄	2001 03 30.3	12 35.45 -04 52.5 18.4	-0.84 + 2.7	0.3/30.6	10867	1998 QB ₅₅	2001 03 30.7	12 36.94 -10 39.9 18.1	-0.84 + 3.0	1.9/01.8	38783
1989 YC ₆	2001 03 30.3	12 35.50 +00 50.4 18.3	-0.92 + 7.8	1.6/28.8	38022	1995 SK	2001 03 30.7	12 36.95 -21 37.7 20.1	-1.35 - 1.6	6.4/03.7	30783
1998 QV ₄₆	2001 03 30.3	12 35.50 -21 19.9 19.6	-0.95 + 2.8	4.9/04.6	1043	1998 SE ₈₇	2001 03 30.7	12 37.05 -10 41.2 20.4	-0.78 + 5.5	1.8/02.0	4919
1999 VJ ₂₁	2001 03 30.3	12 35.51 -04 29.0 19.5	-0.91 + 6.6	0.2/30.5	2680	1999 XN ₁₀₄	2001 03 30.7	12 37.06 -38 40.2 20.1	-1.10 + 5.5	10.2/12.5	38152
1998 SM ₅₆	2001 03 30.3	12 35.58 -04 58.6 18.2	-0.81 + 3.4	0.4/30.7	10869	1999 VE ₅	2001 03 30.7	12 37.08 +16 39.5 18.4	-0.98 + 1.8	6.9/24.6	38099
1999 XR ₁₅₉	2001 03 30.3	12 35.59 +04 45.5 18.4	-0.81 + 5.6	2.6/27.5	10940	1991 VY ₅	2001 03 30.7	12 37.19 +03 31.8 18.8	-0.88 + 6.0	2.4/28.3	40298
1999 XW ₃₆	2001 03 30.3	12 35.60 -04 44.8 18.3	-1.01 + 3.0	0.3/30.6	10934	1999 XX ₁₇₅	2001 03 30.7	12 37.24 +06 36.6 18.4	-0.86 + 3.6	3.0/27.4	10563
2000 BB ₁₀	2001 03 30.3	12 35.61 -01 03.7 20.0	-0.71 + 4.8	0.7/29.4	10949	1999 XM ₅	2001 03 30.7	12 37.31 +21 32.2 18.3	-0.91 + 0.6	8.6/23.0	10531
1999 XV ₅₄	2001 03 30.3	12 35.61 -02 27.7 19.8	-0.78 + 5.3	0.4/29.9	40084	1999 XD ₁₅₄	2001 03 30.7	12 37.33 -03 35.3 17.5	-0.79 + 6.4	0.1/30.7	10940
2000 AF ₇₁	2001 03 30.3	12 35.63 -05 03.3 18.4	-0.82 + 5.8	0.4/30.7	2274	2000 AH ₅₂	2001 03 30.8	12 37.26 -12 50.5 18.6	-0.99 + 6.5	3.3/02.6	3487
1999 RG ₁₀	2001 03 30.3	12 35.64 -29 52.3 18.5	-1.34 + 1.1	8.8/06.9	40355	1999 XN ₉₁	2001 03 30.8	12 37.28 -01 53.7 17.6	-0.75 + 5.4	0.6/30.1	9779
2000 AT ₁₃₉	2001 03 30.3	12 35.65 +22 15.2 17.9	-0.95 + 1.7	10.7/21.9	10584	1995 TA ₁	2001 03 30.8	12 37.38 -03 14.4 17.9	-0.88 + 6.7	0.3/30.6	9680
2000 AT ₈	2001 03 30.3	12 35.69 +05 56.5 17.8	-0.99 + 4.1	3.6/27.4	9784	1999 UN ₃	2001 03 30.8	12 37.43 -08 53.8 18.6	-0.88 + 7.2	1.6/01.5	40383
1998 QT ₄₀	2001 03 30.3	12 35.72 -08 00.9 17.8	-0.79 + 6.3	1.3/31.8	40330	1998 OR ₁₄	2001 03 30.8	12 37.46 -09 25.9 17.9	-0.89 + 3.8	1.8/01.5	9714
1998 VB ₃₇	2001 03 30.3	12 35.77 +00 51.3 19.1	-0.82 + 6.3	1.4/28.8	10873	2000 AX ₅₁	2001 03 30.8	12 37.47 -05 37.1 17.7	-1.00 + 3.6	0.6/31.3	1560
1998 HG ₁₄₉	2001 03 30.3	12 35.80 -11 50.4 18.9	-1.00 + 6.4	2.8/01.9	9078	1999 XJ ₉₅	2001 03 30.8	12 37.50 +17 54.1 18.4	-0.92 + 3.4	6.3/23.8	38844
1999 VU ₆₃	2001 03 30.3	12 35.87 -04 30.1 19.2	-0.96 + 6.3	0.2/30.6	1525	1994 RZ ₁₃	2001 03 30.8	12 37.51 -05 46.1 20.7	-0.88 + 5.4	0.5/31.4	9034
1997 FM ₄	2001 03 30.4	12 35.88 -08 31.4 17.8	-0.80 +10.9	1.7/01.1	9690	2031 T-2	2001 03 30.8	12 37.58 -04 24.4 19.8	-0.99 + 4.7	0.1/31.0	40533
1999 XJ ₁₀₄	2001 03 30.4	12 36.02 +17 41.6 20.2	-0.91 + 3.3	6.1/23.6	10937	1999 RX ₂₀₇	2001 03 30.8	12 37.60 -14 01.2 19.8	-0.96 + 5.7	3.3/03.1	2656
1999 TO ₁₅₄	2001 03 30.4	12 36.08 +00 26.7 18.5	-0.86 + 8.6	1.7/29.0	9761	1999 UN ₄₈	2001 03 30.8	12 37.61 +02 44.3 19.1	-0.93 + 6.1	2.3/28.7	2678
1987 QY ₇	2001 03 30.4	12 36.09 +12 47.6 18.4	-0.80 + 3.4	4.5/25.0	10824	1999 XX ₁₀₃	2001 03 30.8	12 37.63 +07 46.8 18.9	-0.97 + 1.7	4.1/27.5	10937
1999 XY ₁₈₉	2001 03 30.4	12 36.12 -07 33.4 16.5	-1.12 + 2.2	1.6/31.4	10565	1999 VA ₁₈₉	2001 03 30.8	12 37.69 +03 00.2 19.4	-0.90 + 5.8	2.3/28.6	1542
1998 HK ₂₆	2001 03 30.4	12 36.16 +00 48.2 19.0	-0.96 + 7.1	1.7/29.0	1939	1999 WV ₆	2001 03 30.9	12 37.66 -02 09.5 18.0	-0.83 + 5.9	0.7/30.3	2693
1996 XS ₂₃	2001 03 30.4	12 36.18 +27 33.2 18.4	-1.36 - 2.6	11.3/23.1	10836	1998 QD ₃₉	2001 03 30.9	12 37.70 -04 54.7 20.0	-0.95 + 5.4	0.3/31.2	4915
1987 VG	2001 03 30.4	12 36.24 -06 48.6 18.0	-0.93 + 4.5	0.9/31.4	9665	1999 RZ ₉₁	2001 03 30.9	12 37.73 -05 11.6 19.8	-0.95 + 6.0	0.4/31.3	40362

1999 XV ₉₂	2001 03 30.9	12 37.76	-03 00.4	18.6	-0.84	+ 5.8	0.3/30.6	1553	1999 XJ ₂₅	2001 03 31.3	12 39.37	+18 41.3	18.7	-0.99	+ 1.8	7.5/24.5	10536
1998 SY ₄₅	2001 03 30.9	12 37.81	-08 46.1	19.1	-0.68	+ 6.7	1.3/01.6	10868	1999 TW ₂₈	2001 03 31.3	12 39.41	-04 54.7	18.4	-0.97	+ 7.5	0.3/31.6	10905
1999 XG ₁₀₉	2001 03 30.9	12 37.97	-05 35.3	19.2	-0.83	+ 7.0	0.5/31.5	1554	1998 QD ₃₀	2001 03 31.3	12 39.47	-19 58.7	20.4	-0.87	+ 3.9	4.4/05.4	3246
1999 YX ₇	2001 03 30.9	12 38.04	-04 44.6	20.8	-0.92	+ 6.0	0.2/31.2	2707	1999 XL ₁₆₉	2001 03 31.3	12 39.48	-03 16.3	18.5	-0.79	+ 3.5	0.3/31.1	10940
1999 XQ ₂₃	2001 03 31.0	12 38.05	-00 18.9	19.1	-0.99	+ 6.3	1.4/29.8	2200	1999 VY ₈₆	2001 03 31.3	12 39.51	+06 08.6	19.2	-0.80	+ 8.4	3.2/27.7	678
1999 UR ₂₅	2001 03 31.0	12 38.05	-02 38.8	19.2	-0.93	+ 5.0	0.5/30.6	38097	1999 UX ₂₃	2001 03 31.4	12 39.61	-12 27.3	18.5	-1.08	+ 4.3	3.5/02.8	3453
1997 JO ₁₃	2001 03 31.0	12 38.13	+17 40.6	18.4	-0.98	+ 1.5	7.3/24.4	10841	2000 AO ₁₈₇	2001 03 31.4	12 39.61	+17 53.1	18.8	-0.80	+ 7.7	7.5/23.2	10590
2000 AN ₁₀₇	2001 03 31.0	12 38.14	+12 14.5	16.6	-0.72	+ 6.5	5.0/25.1	10582	2000 AT ₁₇₅	2001 03 31.4	12 39.66	-06 06.4	18.1	-0.72	+ 7.6	0.6/01.1	2315
1998 KS ₄₆	2001 03 31.0	12 38.19	-09 01.0	17.9	-0.92	+ 7.9	1.7/01.7	38052	1999 RQ ₃₄	2001 03 31.4	12 39.67	-00 36.6	18.6	-0.92	+ 8.2	1.4/30.2	40358
2000 AY ₈₈	2001 03 31.0	12 38.20	-17 14.9	18.0	-0.77	+ 4.2	3.6/04.4	39572	1998 RZ ₄₉	2001 03 31.4	12 39.75	-05 58.1	18.7	-0.83	+ 2.3	0.5/32.0	10865
1999 UT ₃₄	2001 03 31.0	12 38.27	-05 37.8	18.6	-0.86	+ 7.0	0.6/31.6	2677	1999 UC ₃	2001 03 31.4	12 39.79	+03 14.6	19.1	-0.87	+ 5.2	2.2/29.1	2675
1998 TV ₆	2001 03 31.0	12 38.34	-13 42.8	17.1	-0.68	+ 8.4	2.8/03.6	10872	1999 VB ₂₅	2001 03 31.4	12 39.86	+17 54.1	18.8	-0.87	+ 4.0	6.6/24.1	40392
1999 WS	2001 03 31.0	12 38.45	-04 50.3	17.7	-1.04	+ 5.7	0.3/31.3	10931	1999 RS ₄₃	2001 03 31.5	12 39.81	-03 07.7	18.4	-0.97	+ 8.0	0.4/31.1	10890
1999 VR ₄	2001 03 31.1	12 38.35	+14 33.6	19.0	-0.94	+ 2.7	6.2/25.4	40388	1999 WG ₆	2001 03 31.5	12 39.87	-09 08.6	17.1	-0.87	+ 8.9	2.0/02.2	1544
1998 QQ ₉₉	2001 03 31.1	12 38.36	+01 34.2	17.9	-0.82	+ 5.8	1.9/29.2	37741	1998 QB ₃₇	2001 03 31.5	12 40.03	-11 20.5	18.8	-0.87	+ 6.2	2.3/02.8	4416
2000 AC ₁₉₇	2001 03 31.1	12 38.43	-24 50.2	18.9	-0.75	+ 4.7	5.4/07.4	2319	1998 SX ₁₄₅	2001 03 31.5	12 40.10	+01 16.2	18.4	-0.87	+ 4.1	1.8/29.8	3260
1998 SJ ₆₆	2001 03 31.1	12 38.46	+04 18.9	18.2	-0.72	+ 5.2	2.3/28.2	40339	1998 SB ₂₆	2001 03 31.5	12 40.12	+02 56.1	17.9	-0.94	+ 2.6	2.2/29.4	38502
1999 VJ ₅₅	2001 03 31.1	12 38.48	-02 36.3	17.5	-0.93	+ 4.2	0.6/30.7	10924	1998 RN ₇₂	2001 03 31.5	12 40.22	-03 33.6	18.1	-0.94	+ 4.1	0.3/31.4	1969
1998 KY ₄₇	2001 03 31.1	12 38.54	+03 42.5	16.8	-0.94	+ 8.0	3.3/28.5	10856	1999 XL ₃₇	2001 03 31.5	12 40.23	+18 13.6	17.4	-0.82	+ 6.8	7.4/23.4	10538
1979 MU ₄	2001 03 31.1	12 38.55	-01 20.5	17.5	-0.89	+ 6.9	1.1/30.2	9662	2000 AD ₅	2001 03 31.6	12 40.19	-24 32.0	17.1	-1.00	+ 2.8	6.9/06.6	10943
1998 SJ ₁₂₂	2001 03 31.1	12 38.56	-07 52.8	18.6	-0.70	+ 5.5	1.0/01.4	39541	1999 XT ₄₁	2001 03 31.6	12 40.23	-13 48.4	19.2	-0.96	+ 7.0	3.4/03.7	689
1999 XN ₂₂	2001 03 31.1	12 38.57	-07 17.8	17.6	-0.90	+ 8.9	1.3/01.2	687	2000 AR ₈₉	2001 03 31.6	12 40.25	-16 25.4	18.5	-0.84	+ 4.2	3.5/04.5	2278
1999 VL ₂₂₆	2001 03 31.1	12 38.60	+06 02.7	23.0	-0.85	+ 5.6	2.8/27.8	3922	1998 QL ₃₁	2001 03 31.6	12 40.33	-01 14.6	17.9	-0.95	+ 3.9	1.2/30.7	9716
1993 TK ₃₇	2001 03 31.1	12 38.67	-01 27.5	18.5	-0.70	+ 7.1	0.7/30.2	38762	1999 VV ₅₄	2001 03 31.6	12 40.43	-01 42.4	20.5	-0.97	+ 5.3	0.9/30.8	2681
1999 XR ₁₇₂	2001 03 31.1	12 38.73	-30 21.1	18.4	-0.87	+ 2.4	7.5/09.1	39565	1999 XW ₁₁₇	2001 03 31.6	12 40.47	-03 19.0	15.8	-1.03	+ 1.1	0.5/31.4	10938
1999 XX ₁₇₆	2001 03 31.1	12 38.78	-54 58.9	19.4	-1.28	+ 0.6	12.4/21.5	39565	1999 TK ₁₂₄	2001 03 31.6	12 40.60	+00 28.5	18.7	-0.98	+ 7.1	1.8/30.1	1151
2192 T-3	2001 03 31.2	12 38.72	-06 06.0	20.0	-0.93	+ 6.0	0.6/31.8	2805	3559 T-3	2001 03 31.6	12 40.63	-05 00.4	20.1	-0.95	+ 5.7	0.2/31.9	1396
1999 TL ₂₁₀	2001 03 31.2	12 38.73	-12 54.2	16.7	-0.97	+ 2.7	2.7/02.8	10914	1999 VJ ₂₅	2001 03 31.7	12 40.58	-10 27.2	18.5	-0.97	+ 6.0	2.1/02.6	5651
1999 XT ₂₄₁	2001 03 31.2	12 38.79	-06 17.7	19.4	-0.89	+ 7.9	0.7/31.9	3481	2000 AB ₉₉	2001 03 31.7	12 40.61	+01 28.0	18.2	-0.97	+ 6.3	2.1/29.9	360
1998 RT ₁₅	2001 03 31.2	12 38.80	-15 33.5	18.8	-0.97	+ 3.1	4.0/03.6	10864	1999 XV ₁₀₅	2001 03 31.7	12 40.62	-26 56.5	18.9	-0.88	+ 6.3	6.4/08.8	1553
1999 XN ₄₆	2001 03 31.2	12 38.81	-12 28.4	19.8	-0.95	+ 6.9	2.9/02.9	6976	1999 TQ	2001 03 31.7	12 40.66	-05 15.2	19.6	-0.92	+ 6.4	0.3/01.0	40375
2000 AY ₁₄₅	2001 03 31.2	12 38.82	-12 18.1	19.5	-0.91	+ 5.7	2.6/02.9	2720	1999 XE ₁₁₂	2001 03 31.7	12 40.82	+07 21.9	20.1	-0.97	+ 4.7	3.8/28.1	1554
1999 VC ₂₃	2001 03 31.2	12 38.82	+14 29.4	19.4	-0.93	+ 3.4	5.7/25.4	38105	1999 TH ₁	2001 03 31.7	12 40.84	-07 35.7	17.6	-0.89	+ 8.6	1.3/01.9	40375
2000 AD ₁₅₂	2001 03 31.2	12 38.83	+09 28.4	18.6	-0.94	+ 4.1	4.4/27.1	6266	1999 XN ₁₅	2001 03 31.7	12 40.84	-00 58.7	18.9	-0.90	+ 6.7	1.1/30.7	40405
1999 VM ₈₆	2001 03 31.2	12 38.88	-00 23.0	20.6	-0.78	+ 7.5	1.1/29.9	2169	2000 AH ₂₁₄	2001 03 31.7	12 40.96	-04 26.0	17.9	-0.73	+ 5.1	0.0/31.8	10948
1999 VS ₈	2001 03 31.2	12 38.98	+15 37.0	19.0	-0.85	+ 6.0	5.9/24.4	40389	1999 XX ₁₁₉	2001 03 31.7	12 40.97	-02 47.2	18.7	-1.01	+ 4.7	0.6/31.3	1555
2567 P-L	2001 03 31.2	12 39.02	-03 36.9	18.4	-0.82	+ 4.5	0.2/31.1	2801	1998 RJ ₆₆	2001 03 31.8	12 40.91	-05 53.8	19.1	-0.86	+ 6.0	0.4/01.3	38787
1999 XS ₈₅	2001 03 31.2	12 39.11	+16 14.5	18.6	-0.75	+ 4.6	5.3/24.2	40413	2000 AB ₅₄	2001 03 31.8	12 40.95	+11 34.3	18.0	-0.74	+ 5.2	4.4/26.2	10577
1999 VE ₃₉	2001 03 31.2	12 39.14	-03 33.9	16.2	-0.96	+ 5.9	0.3/31.1	2681	1999 XQ ₂₀₆	2001 03 31.8	12 41.04	-19 48.4	19.1	-0.99	+ 2.8	4.7/05.4	6264
1998 QX ₁₅	2001 03 31.2	12 39.16	-19 37.7	19.6	-0.85	+ 5.3	4.4/05.4	39201	1998 ST ₈₄	2001 03 31.8	12 41.12	-00 02.0	18.8	-0.90	+ 3.5	1.3/30.5	8049
1998 QS ₁₃	2001 03 31.2	12 39.16	-04 54.4	19.2	-0.95	+ 5.8	0.2/31.5	38780	1999 XA ₈₇	2001 03 31.8	12 41.13	-23 00.4	18.7	-0.87	+ 4.8	5.2/07.1	40413
1999 YD ₉	2001 03 31.3	12 39.13	-08 52.2	19.4	-0.87	+ 5.2	1.5/01.8	2707	1999 XV ₇	2001 03 31.8	12 41.21	-03 36.3	19.6	-1.01	+ 4.5	0.3/31.6	38131
2000 AX ₁₉₀	2001 03 31.3	12 39.13	-00 10.2	18.2	-0.78	+ 8.9	1.2/29.9	10590	1998 HW ₁₅₀	2001 03 31.8	12 41.23	-00 27.0	18.6	-0.92	+ 7.3	1.3/30.6	10854
1999 VB ₁	2001 03 31.3	12 39.14	+12 34.7	20.4	-0.94	+ 2.7	5.2/26.3	40387	1998 SR ₅₅	2001 03 31.8	12 41.31	-03 03.0	19.0	-0.85	+ 4.7	0.4/31.5	37770
1998 UZ ₂₁	2001 03 31.3	12 39.15	+07 51.0	18.6	-0.90	+ 3.4	3.8/27.6	9721	1999 XP ₁₁₃	2001 03 31.8	12 41.32	-23 42.4	16.5	-1.08	+ 1.0	7.6/06.5	10938
1999 UC ₁₆	2001 03 31.3	12 39.15	-06 24.8	16.4	-0.89	+ 8.5	1.0/01.1	9766	1999 XX ₂	2001 03 31.8	12 41.34	+06 27.9	18.7	-1.00	+ 1.3	3.9/28.9	2694
1978 UA ₈	2001 03 31.3	12 39.17	-07 35.7	18.4	-0.78	+ 4.9	0.9/01.4	7993	1999 VO ₄₃	2001 03 31.8	12 41.34	-05 05.7	19.5	-1.04	+ 5.9	0.2/01.1	38112
2000 CO ₁₂₇	2001 03 31.3	12 39.18	-06 32.3	18.7	-0.95	+ 5.7	0.8/01.0	3514	1998 QR ₄₀	2001 03 31.8	12 41.34	-09 40.3	18.9	-0.82	+ 5.7	1.6/02.6	4416
1998 QY ₆₈	2001 03 31.3	12 39.23	-16 30.4	18.3	-0.93	+ 5.7	4.8/04.0	6216	1998 SL ₇₅	2001 03 31.9	12 41.31	+01 29.4	18.7	-0.85	+ 5.5	1.8/30.0	35718
2000 AV ₁₆₂	2001 03 31.3	12 39.30	+17 28.7	18.5	-0.95	+ 2.7	7.5/24.7	1232	1999 TU ₁₀₃	2001 03 31.9	12 41.31	-10 01.7	18.5	-1.10	+ 2.8	2.2/02.4	1484
1999 WU ₁	2001 03 31.3	12 39.34	+09 04.1	19.5	-1.03	+ 4.1	4.6/27.4	38124	1999 VE ₁₀	2001 03 31.9	12 41.32	-16 56.5	16.7	-1.02	+ 3.9	5.0/04.7	9768

1999 VH ₁₄₇	2001 03 31.9	12 41.33 -21 41.3 19.2	-0.86 + 8.0	5.4/07.2	2686	1999 XM ₁₆₇	2001 04 01.3	12 43.08 +00 50.1 18.9	-0.94 + 4.5	1.8/30.7	40422
1999 XF ₁₆	2001 03 31.9	12 41.34 +13 16.2 19.1	-0.93 + 4.9	5.3/26.2	40405	1986 TV ₆	2001 04 01.3	12 43.11 -14 02.2 17.5	-0.96 + 3.7	3.1/04.0	9665
1991 RJ ₂₀	2001 03 31.9	12 41.34 -00 10.4 18.9	-0.90 + 6.2	1.3/30.5	38757	1998 QS ₃₉	2001 04 01.3	12 43.14 +01 27.4 18.5	-0.93 + 6.5	2.3/30.4	34020
1999 RG ₃₆	2001 03 31.9	12 41.42 -09 54.4 17.1	-0.78 +10.5	1.8/02.9	8433	1999 XR ₇₄	2001 04 01.3	12 43.16 -07 58.6 19.9	-0.85 + 6.0	0.9/02.5	40412
1999 XZ ₇₄	2001 03 31.9	12 41.45 +06 34.2 18.1	-0.92 + 5.3	4.1/28.4	10547	1999 XM ₁₃₆	2001 04 01.3	12 43.18 -40 33.7 21.1	-1.12 + 1.8	8.8/13.7	39563
1999 XS ₁₅₃	2001 03 31.9	12 41.47 +13 39.0 18.5	-0.71 + 5.2	4.6/25.6	40420	1998 TU ₆	2001 04 01.4	12 43.09 -00 28.2 18.7	-0.78 + 4.8	1.2/31.0	9720
1998 RC ₇₅	2001 03 31.9	12 41.54 -06 01.7 19.2	-0.82 + 2.4	0.4/01.4	10867	2000 AV ₁₇₂	2001 04 01.4	12 43.10 -00 18.6 19.3	-0.77 + 7.4	1.3/30.9	10947
1994 AN ₁₀	2001 03 31.9	12 41.55 +08 50.0 19.3	-1.04 + 7.0	5.3/27.6	32746	1999 XG ₂₁₃	2001 04 01.4	12 43.11 +05 27.4 19.1	-0.91 + 7.9	3.5/29.0	2248
1999 VA ₁₂₄	2001 03 31.9	12 41.59 +04 17.1 18.5	-1.02 + 5.8	3.9/29.2	2685	1999 TJ ₂₁₇	2001 04 01.4	12 43.12 -07 14.6 20.0	-0.97 + 4.8	0.9/02.2	1178
1999 RY ₃₇	2001 03 31.9	12 41.60 -04 40.9 18.4	-1.05 + 4.5	0.1/01.0	10890	1999 XF ₁₆₂	2001 04 01.4	12 43.13 -14 17.8 18.2	-1.01 + 1.4	3.3/04.1	38600
1997 YZ ₃	2001 03 31.9	12 41.66 +40 41.7 18.3	-1.19 + 4.5	18.2/15.0	10315	1996 AT ₁₂	2001 04 01.4	12 43.17 +04 35.1 19.6	-0.78 + 7.5	2.6/29.2	10834
2000 AB ₁₃₂	2001 03 31.9	12 41.72 +05 47.9 19.9	-0.99 + 5.5	3.3/28.8	3494	1999 RR ₂₃	2001 04 01.4	12 43.17 -03 36.1 17.7	-1.07 + 3.0	0.4/01.1	10364
2000 AD ₉₉	2001 04 01.0	12 41.66 +01 19.1 19.4	-0.85 + 5.8	1.8/30.1	698	1999 VM ₁₀₅	2001 04 01.4	12 43.18 -04 30.8 21.8	-0.90 + 5.7	0.0/01.4	1205
2000 AL ₈₆	2001 04 01.0	12 41.69 -11 58.0 19.5	-0.82 + 4.7	2.1/03.4	38653	1999 XH ₁₃	2001 04 01.4	12 43.18 -05 12.0 18.2	-0.76 + 8.3	0.2/01.6	6972
1978 XD ₁	2001 04 01.0	12 41.69 -00 02.7 18.4	-0.76 + 5.1	1.3/30.5	40289	1999 XW ₁₂	2001 04 01.4	12 43.21 +00 44.4 18.6	-0.87 + 7.9	1.8/30.6	1547
2000 AR ₁₉₈	2001 04 01.0	12 41.84 -28 24.3 17.5	-0.78 + 3.6	5.8/09.3	40442	4810 P-L	2001 04 01.4	12 43.24 -06 58.3 18.6	-0.87 + 1.8	0.7/02.1	39647
2000 AC ₁₉₁	2001 04 01.0	12 41.89 -20 03.9 18.0	-0.83 + 7.6	4.7/06.6	3498	1999 VR ₁₃₅	2001 04 01.4	12 43.26 -11 16.0 19.1	-0.92 + 6.8	2.4/03.6	40400
1999 XL ₁₈	2001 04 01.0	12 41.91 +00 25.7 18.1	-0.99 + 4.7	1.7/30.6	40405	1999 XW ₂₄	2001 04 01.4	12 43.27 +01 31.8 19.1	-0.90 + 5.3	2.0/30.5	2695
1999 XT ₂₂	2001 04 01.0	12 41.97 +00 27.7 19.6	-0.93 + 5.3	1.7/30.5	2200	1998 QU ₅₄	2001 04 01.4	12 43.28 -10 05.4 19.8	-0.87 + 4.8	1.5/03.2	10331
1999 TV ₈	2001 04 01.0	12 41.98 -04 42.0 16.4	-0.75 + 9.7	0.1/01.1	10904	1999 YD ₆	2001 04 01.4	12 43.32 -16 16.4 22.8	-0.89 + 3.2	2.9/05.1	2707
1999 UZ ₆	2001 04 01.0	12 42.01 +05 49.8 19.7	-0.98 + 6.1	3.5/28.8	38093	1999 XS ₁₅	2001 04 01.4	12 43.33 +17 37.8 17.4	-0.78 + 4.8	6.4/24.6	10933
1999 XK ₂₄₄	2001 04 01.0	12 42.05 +03 51.7 19.3	-0.75 + 9.7	2.7/29.0	6264	1997 AM ₂₀	2001 04 01.4	12 43.36 +01 48.7 18.4	-0.91 + 7.8	2.5/30.3	6750
1999 TY ₁₇	2001 04 01.0	12 42.09 +00 27.9 18.9	-0.97 + 4.9	1.7/30.6	40379	1999 TH ₂₀₀	2001 04 01.4	12 43.38 +00 09.4 19.0	-1.03 + 1.2	1.7/31.2	2669
2000 AS ₅₂	2001 04 01.1	12 42.01 -09 08.8 18.9	-0.92 + 5.7	1.6/02.6	40430	1988 RF ₄	2001 04 01.4	12 43.39 -09 06.5 17.9	-1.05 + 4.5	1.7/02.8	38753
1999 XT ₁₁₄	2001 04 01.1	12 42.02 -16 55.1 19.0	-1.07 + 4.1	4.4/04.8	40417	1998 QC ₈₆	2001 04 01.4	12 43.41 -16 47.0 19.6	-0.83 + 8.4	3.8/05.7	3897
1999 XS ₁₂₆	2001 04 01.1	12 42.03 +11 46.5 18.5	-0.93 + 1.6	5.4/27.4	40419	1999 TY ₂₇	2001 04 01.4	12 43.45 -04 52.9 19.7	-0.88 + 4.9	0.1/01.5	40381
2001 BS ₄₄	2001 04 01.1	12 42.05 +08 36.4 16.9	-0.86 + 6.3	5.9/27.7	10710	1997 ER ₅	2001 04 01.4	12 43.45 -02 59.1 18.8	-0.88 + 6.3	0.6/31.9	10839
4113 T-2	2001 04 01.1	12 42.06 -01 52.3 20.1	-0.85 + 5.3	0.8/31.3	4868	1995 XV	2001 04 01.4	12 43.47 +01 25.7 18.4	-0.87 + 5.4	1.9/30.5	9042
1989 UA ₁	2001 04 01.1	12 42.15 -05 42.9 17.6	-1.05 + 4.6	0.4/01.5	10825	1998 KU ₄	2001 04 01.4	12 43.47 +07 47.7 18.1	-1.00 + 4.9	4.4/28.6	9710
1999 XO ₂₉	2001 04 01.1	12 42.17 +07 50.2 18.7	-0.94 + 5.6	4.3/28.2	38136	1999 XP ₁₉₃	2001 04 01.5	12 43.49 +17 34.0 18.4	-0.93 + 3.0	6.5/25.5	9783
1999 XO ₅₇	2001 04 01.1	12 42.18 +10 12.1 18.1	-0.89 + 4.2	5.7/27.4	10545	1999 XW ₁₉₁	2001 04 01.5	12 43.52 -04 10.8 19.0	-1.05 + 4.7	0.2/01.4	10941
2000 AY ₂₃₀	2001 04 01.1	12 42.23 +03 28.6 19.9	-0.89 + 6.7	2.4/29.5	40443	1999 XG ₁₄₃	2001 04 01.5	12 43.53 -02 53.2 18.7	-0.83 + 7.2	0.6/31.9	10939
1999 UQ ₃₅	2001 04 01.1	12 42.28 -08 58.8 19.0	-0.89 + 7.1	1.7/02.6	39317	1999 RZ ₂₂₀	2001 04 01.5	12 43.62 +05 27.0 19.4	-0.99 + 6.2	3.7/29.3	1467
1999 TV ₁₃₈	2001 04 01.1	12 42.40 -04 55.8 19.8	-0.96 + 5.5	0.1/01.3	1156	1999 VK ₁₉	2001 04 01.5	12 43.67 -17 45.1 18.5	-0.84 + 7.5	4.0/06.1	40390
1998 SZ ₇₄	2001 04 01.1	12 42.40 +00 44.9 19.5	-0.84 + 5.8	1.6/30.4	5503	2513 P-L	2001 04 01.5	12 43.71 -05 30.2 20.0	-0.76 + 4.4	0.2/01.8	2801
1999 SF ₃	2001 04 01.2	12 42.40 -42 49.3 17.5	-1.22 + 3.4	11.8/15.8	2657	1998 QZ ₅₀	2001 04 01.5	12 43.73 +01 30.9 19.0	-0.78 + 6.0	1.7/30.5	38783
2221 P-L	2001 04 01.2	12 42.42 -09 23.8 19.2	-0.99 + 7.4	1.9/02.8	37340	1999 WV ₁₁	2001 04 01.5	12 43.84 +03 37.4 18.7	-1.06 + 2.0	4.0/30.3	9274
2000 AG ₂₀₄	2001 04 01.2	12 42.43 +06 47.0 19.4	-0.79 + 6.8	3.4/28.3	3499	1999 XW ₆₆	2001 04 01.5	12 43.88 +03 48.8 19.4	-0.86 + 4.6	2.6/29.9	1551
1999 VE ₆	2001 04 01.2	12 42.50 +04 23.9 20.0	-0.79 + 4.6	2.5/29.3	2151	1999 XN ₆₈	2001 04 01.6	12 43.82 -04 44.0 18.9	-0.90 + 6.6	0.0/01.6	10936
1999 UC ₉	2001 04 01.2	12 42.54 -01 33.7 17.8	-1.01 + 4.5	1.2/31.3	40385	1995 SE ₁	2001 04 01.6	12 43.92 -07 43.2 18.2	-0.92 + 7.3	1.1/02.6	2621
2608 P-L	2001 04 01.2	12 42.54 -02 37.2 18.6	-0.81 + 2.7	0.5/31.6	11063	1999 XZ ₁₄	2001 04 01.6	12 43.97 +32 33.1 20.4	-1.05 + 3.2	10.5/19.3	40405
1997 CH ₁₇	2001 04 01.2	12 42.68 -09 05.1 20.3	-0.97 + 6.2	1.5/02.7	38041	1990 ST ₄	2001 04 01.6	12 43.99 -02 47.1 19.1	-0.81 + 6.1	0.5/32.0	39515
2001 BY ₄₄	2001 04 01.2	12 42.78 +10 26.5 18.1	-0.79 + 7.8	4.5/26.8	11036	1981 EF ₄₇	2001 04 01.6	12 44.02 -05 11.7 18.9	-0.83 + 4.0	0.2/01.8	10824
2001 BC ₇₄	2001 04 01.3	12 42.83 -06 04.4 16.0	-1.05 - 0.1	0.6/01.7	10734	1999 VJ ₁₉	2001 04 01.6	12 44.12 +03 08.4 18.5	-1.00 + 5.7	2.8/30.2	38815
1999 VZ ₁₄₄	2001 04 01.3	12 42.84 -17 16.6 18.7	-0.91 + 5.9	4.6/05.5	1535	1995 UL ₇	2001 04 01.6	12 44.13 -03 49.4 17.8	-0.93 + 5.2	0.3/01.4	38766
1999 RP ₂₅	2001 04 01.3	12 42.87 -16 25.1 18.7	-1.10 + 0.6	3.6/04.5	2650	1998 QJ ₄₆	2001 04 01.6	12 44.17 -10 45.8 19.5	-0.93 + 3.7	1.9/03.5	10861
1998 SU ₁₂₈	2001 04 01.3	12 42.87 -00 17.4 17.5	-0.81 + 4.7	1.4/30.9	9720	2000 AN ₁₇₅	2001 04 01.6	12 44.23 +09 20.6 18.6	-0.74 + 6.1	4.0/27.8	2722
1999 XL ₁₅	2001 04 01.3	12 42.88 -10 18.3 18.9	-0.98 + 7.1	2.0/03.2	40405	1991 NV ₆	2001 04 01.6	12 44.24 -13 51.2 18.4	-0.75 + 3.8	2.4/04.6	40296
2616 T-3	2001 04 01.3	12 42.92 -12 51.4 17.5	-0.90 + 7.3	3.3/04.1	40534	1999 XV ₇₀	2001 04 01.6	12 44.25 +00 03.4 18.1	-0.94 + 6.7	1.9/31.1	9779
1998 SA ₁₃₇	2001 04 01.3	12 42.99 +09 24.1 16.4	-1.11 - 0.4	5.8/28.6	9720	1999 VN ₁₉	2001 04 01.6	12 44.26 -00 59.2 19.3	-0.87 + 6.5	1.3/31.5	2680
2001 BU ₄₄	2001 04 01.3	12 43.02 +07 31.2 17.7	-0.89 + 6.6	5.1/28.4	10710	2000 AZ ₂	2001 04 01.7	12 44.19 -08 58.3 19.7	-0.77 + 4.1	1.1/03.1	2708

1999 XX ₇₃	2001 04 02.4	12 47.06	-07 39.3	19.4	-0.77	+ 5.2	0.7/03.3	1552	2000 AY ₁₀₂	2001 04 02.9	12 48.57	+02 54.1	18.8	-0.88	+ 6.0	2.6/31.3	2717
1999 XL ₁₂₀	2001 04 02.4	12 47.07	+05 09.4	18.2	-1.06	+ 1.8	4.1/30.7	39562	1999 XS ₂₀₄	2001 04 02.9	12 48.57	+05 15.6	16.9	-1.05	+ 2.0	3.9/30.9	9783
1995 UW ₂	2001 04 02.4	12 47.12	-07 20.8	18.5	-0.91	+ 5.9	0.7/03.2	39524	1998 RD ₄₃	2001 04 02.9	12 48.63	-11 01.1	18.7	-0.85	+ 4.6	1.8/04.7	38786
1998 QM ₉₉	2001 04 02.4	12 47.14	-08 46.2	18.8	-1.04	+ 3.7	1.3/03.5	5496	1999 UL ₃₈	2001 04 02.9	12 48.63	-13 01.1	18.9	-1.04	+ 5.0	2.8/05.3	1517
1998 MP ₂₄	2001 04 02.4	12 47.16	-08 30.0	18.7	-0.89	+ 5.3	1.1/03.6	38779	1989 SB ₁	2001 04 02.9	12 48.72	-09 21.1	16.6	-1.09	+ 2.9	1.8/04.1	10825
1997 EX ₁₃	2001 04 02.4	12 47.17	-08 26.0	18.5	-0.95	+ 5.6	1.2/03.5	40315	1999 SR ₁₁	2001 04 02.9	12 48.72	-01 17.4	19.1	-0.85	+ 9.7	1.3/01.6	1469
1999 TL ₁₂₀	2001 04 02.4	12 47.18	-09 56.1	18.0	-1.03	+ 5.2	2.1/04.0	1149	1998 QH ₁₀	2001 04 02.9	12 48.82	-18 28.8	18.8	-0.93	+ 4.5	4.5/07.1	10859
1999 XD ₁₁₆	2001 04 02.5	12 47.14	-11 42.5	18.7	-0.92	+ 4.5	2.1/04.6	40417	1998 WU ₉	2001 04 02.9	12 48.83	-25 55.5	17.8	-1.07	+ 2.3	7.4/08.7	1988
1999 XF ₂₀₃	2001 04 02.5	12 47.16	+01 07.7	19.5	-0.85	+ 3.6	1.7/31.6	2703	1999 XB ₁₃₀	2001 04 02.9	12 48.84	+12 12.5	19.1	-0.93	+ 2.4	5.4/28.8	38157
1999 XJ ₁₃	2001 04 02.5	12 47.19	-02 45.2	17.8	-0.87	+ 8.4	0.8/01.7	40405	1998 MQ ₃₅	2001 04 02.9	12 48.90	+07 26.0	18.1	-1.01	+ 6.1	5.5/29.8	10858
2000 AQ ₄₈	2001 04 02.5	12 47.20	+02 13.8	19.2	-0.99	+ 4.5	2.5/31.4	695	1998 QW ₁₈	2001 04 02.9	12 48.94	+01 31.1	19.0	-0.75	+ 8.9	2.2/31.5	10860
1999 XU ₁₇₀	2001 04 02.5	12 47.26	+15 38.4	19.5	-0.78	+ 3.1	5.3/26.8	38855	1999 VL ₆₃	2001 04 02.9	12 48.97	-14 14.1	19.0	-0.84	+ 7.8	2.8/06.1	40397
1999 XS ₂₆	2001 04 02.5	12 47.27	-08 31.9	20.0	-0.87	+ 6.2	1.1/03.7	1548	2000 AK ₉₉	2001 04 02.9	12 49.01	+16 22.8	18.4	-0.96	+ 1.8	7.7/27.6	9785
1998 QP ₁₄	2001 04 02.5	12 47.32	-31 26.6	16.7	-1.01	+ 2.7	10.7/11.3	10328	1999 XL ₂₄	2001 04 03.0	12 48.95	-11 19.4	17.7	-0.87	+ 6.9	2.2/05.0	9777
1999 VD ₁₅₂	2001 04 02.5	12 47.35	+01 50.5	20.5	-0.86	+ 4.5	2.3/31.4	2686	1999 XU ₆	2001 04 03.0	12 48.98	-07 28.3	19.9	-0.94	+ 5.6	0.7/03.7	1546
2000 AZ ₂₃	2001 04 02.5	12 47.48	+02 31.8	19.0	-0.75	+ 3.7	2.2/31.1	2259	2000 CS ₅	2001 04 03.0	12 49.01	+09 57.3	18.2	-0.74	+ 5.6	4.4/28.7	10950
1999 XS ₁₇₉	2001 04 02.6	12 47.47	-02 16.9	18.6	-0.75	+ 4.0	0.8/01.7	38607	1998 RP ₄₉	2001 04 03.0	12 49.02	-01 54.3	19.6	-0.73	+ 4.7	0.9/01.9	39219
1998 SA ₁₅₅	2001 04 02.6	12 47.49	-06 51.8	19.4	-0.83	+ 5.9	0.5/03.2	33365	1999 XJ ₁₁₅	2001 04 03.0	12 49.07	-13 09.9	19.1	-0.97	+ 6.1	2.7/05.5	38848
2000 AH ₁₈₉	2001 04 02.6	12 47.51	-04 15.5	19.3	-0.72	+ 7.0	0.2/02.3	2723	1991 PN ₁	2001 04 03.0	12 49.16	-11 39.3	19.5	-0.98	+ 5.1	2.1/05.0	6706
1999 XL ₁₅₆	2001 04 02.6	12 47.53	+01 42.0	20.1	-0.85	+ 5.6	2.0/31.4	1557	1993 TK ₂₆	2001 04 03.0	12 49.19	+01 17.2	19.6	-0.84	+ 2.4	1.7/01.1	6717
1998 RM ₄₇	2001 04 02.6	12 47.53	-11 27.8	19.1	-0.91	+ 5.5	2.2/04.6	10865	1998 VN ₃₁	2001 04 03.0	12 49.20	-12 23.6	18.3	-0.72	+ 5.6	2.0/05.5	38797
1995 EN ₅	2001 04 02.6	12 47.54	+07 57.9	18.5	-0.64	+10.1	4.1/28.5	10832	1999 UB ₅₃	2001 04 03.0	12 49.22	+33 09.3	17.5	-0.90	+ 3.4	12.8/18.8	10478
1999 TE ₁₆	2001 04 02.6	12 47.60	-03 37.0	18.0	-1.03	+ 1.5	0.5/02.2	40379	1999 XT ₁₇₈	2001 04 03.0	12 49.23	-04 27.8	18.5	-0.95	+ 5.2	0.3/02.8	38857
1994 TJ ₁₁	2001 04 02.6	12 47.60	-07 16.0	20.4	-0.79	+ 7.2	0.7/03.4	33245	1998 RS ₆₅	2001 04 03.0	12 49.23	-08 25.8	17.9	-0.90	+ 4.3	1.1/04.0	38787
1999 UH ₄₃	2001 04 02.6	12 47.72	-13 24.8	19.9	-0.94	+ 5.8	2.7/05.3	2677	1999 XO ₂₂₁	2001 04 03.0	12 49.30	-09 27.1	18.0	-0.89	+ 4.5	1.5/04.4	38860
1991 UY ₃	2001 04 02.6	12 47.75	-06 56.3	19.1	-0.87	+ 6.4	0.5/03.3	38025	1998 TT ₁₃	2001 04 03.0	12 49.30	-13 21.0	17.7	-0.80	+ 9.1	2.7/05.9	3261
1999 XV ₁₀₆	2001 04 02.6	12 47.85	-13 25.2	21.5	-0.95	+ 6.2	2.6/05.3	5674	1998 AX ₄	2001 04 03.1	12 49.29	+42 51.7	17.9	-1.31	- 0.8	20.3/15.8	10843
1999 XE ₁₁₀	2001 04 02.6	12 47.85	+02 49.2	18.0	-1.06	+ 5.4	3.3/31.3	2699	1999 XB ₁₂₀	2001 04 03.1	12 49.29	-08 30.9	20.0	-0.95	+ 5.6	1.0/04.1	40418
1997 CD ₇	2001 04 02.7	12 47.99	-06 45.8	17.7	-0.95	+ 4.3	0.7/03.2	9688	1994 SE ₁₂	2001 04 03.1	12 49.29	-03 14.4	20.2	-0.84	+ 6.0	0.7/02.4	32668
1999 XU ₇₇	2001 04 02.7	12 48.08	+07 32.7	18.3	-0.81	+ 4.5	3.6/29.7	40413	1999 RR ₅₆	2001 04 03.1	12 49.33	-18 45.0	19.5	-0.94	+ 4.1	4.2/07.4	40360
1996 BC ₅	2001 04 02.7	12 48.12	+06 43.8	19.4	-0.82	+ 5.0	3.8/29.9	6734	1992 RG ₅	2001 04 03.1	12 49.37	-01 46.9	18.8	-0.77	+ 4.9	1.1/02.0	1410
1995 VN	2001 04 02.7	12 48.12	-04 22.3	19.1	-0.89	+ 6.2	0.2/02.5	38035	1999 XZ ₁₀₂	2001 04 03.1	12 49.57	+01 41.1	18.9	-0.78	+ 4.6	1.8/31.9	40415
1999 WN ₂	2001 04 02.7	12 48.13	+00 08.1	18.3	-0.95	+ 5.5	2.0/01.1	10931	2000 AR ₁₆₆	2001 04 03.1	12 49.57	+08 58.3	17.8	-0.67	+ 7.8	4.0/28.8	10587
1998 VD ₉	2001 04 02.7	12 48.15	-12 43.0	17.6	-0.73	+ 8.4	2.1/05.5	9721	2000 CS ₉	2001 04 03.1	12 49.57	-08 21.4	19.7	-0.72	+ 5.0	0.8/04.2	2733
2000 AT ₁₁₅	2001 04 02.7	12 48.18	-16 46.5	18.1	-0.72	+ 5.5	3.4/06.8	3924	1999 VJ ₇₂	2001 04 03.1	12 49.66	-16 11.2	19.0	-0.81	+ 5.2	2.9/06.8	40398
1995 DR ₆	2001 04 02.7	12 48.19	-03 51.0	19.1	-0.73	+ 4.3	0.3/02.4	28087	2000 AD ₁₀₄	2001 04 03.1	12 49.69	+01 34.8	17.6	-0.89	+ 8.7	2.7/31.8	10945
1999 VV ₂₀	2001 04 02.7	12 48.19	+14 52.7	18.1	-0.94	+ 1.1	6.5/27.9	40391	1999 VA ₁₀	2001 04 03.1	12 49.70	-02 36.3	19.2	-0.96	+ 2.6	0.8/02.4	38101
3322 T-2	2001 04 02.7	12 48.21	+04 03.6	18.2	-0.76	+10.7	3.2/30.3	38740	1999 XO ₇₃	2001 04 03.1	12 49.71	+18 54.7	18.2	-0.93	+ 3.5	7.9/26.2	10546
2000 CE ₇₃	2001 04 02.7	12 48.26	-20 57.0	18.5	-0.93	+ 3.1	4.6/07.5	2738	1998 SB ₁₁₆	2001 04 03.2	12 49.66	-08 29.7	19.2	-0.70	+ 5.3	0.8/04.3	38792
1014 T-3	2001 04 02.8	12 48.19	-14 09.2	20.4	-0.96	+ 2.7	2.7/05.4	36124	2000 AU ₆₇	2001 04 03.2	12 49.69	-14 04.7	18.4	-0.76	+ 2.6	2.3/05.9	2713
1999 XQ ₁₇₉	2001 04 02.8	12 48.31	-03 26.5	18.0	-0.78	+ 3.6	0.6/02.3	10941	1999 TC ₂₃₃	2001 04 03.2	12 49.71	+19 43.3	18.2	-0.90	+ 5.6	8.7/25.4	1510
2139 T-3	2001 04 02.8	12 48.32	-10 44.4	16.7	-0.84	+ 6.0	2.0/04.7	8594	1999 XZ ₇₂	2001 04 03.2	12 49.72	-13 45.2	19.1	-0.86	+ 6.3	2.6/06.0	40412
1997 BB	2001 04 02.8	12 48.32	-13 33.2	19.3	-1.01	+ 5.1	3.1/05.4	173	2000 AA ₈₃	2001 04 03.2	12 49.74	-01 45.3	18.4	-0.85	+ 6.7	1.1/02.0	3490
1999 XC ₅₇	2001 04 02.8	12 48.44	-01 10.1	18.0	-0.78	+ 5.2	1.4/01.5	10544	1999 XD ₃₇	2001 04 03.2	12 49.74	+15 48.0	18.7	-0.88	+ 4.0	6.5/27.4	2208
1999 UN ₂₃	2001 04 02.8	12 48.47	-14 21.4	19.2	-1.09	+ 5.0	3.6/05.6	2676	1999 XK ₁₄₀	2001 04 03.2	12 49.81	+00 35.5	19.0	-0.75	+ 5.0	1.8/01.3	10939
1990 VM ₂	2001 04 02.8	12 48.50	+02 10.0	18.1	-0.83	+ 5.2	2.1/31.5	38755	1999 XH ₁₂₈	2001 04 03.2	12 49.92	-07 13.7	21.0	-0.92	+ 5.3	0.6/03.8	4545
1999 XN ₁₇₀	2001 04 02.8	12 48.51	+10 35.9	18.1	-0.80	+ 3.3	4.5/28.8	10562	1998 WL ₁₃	2001 04 03.2	12 49.95	-21 23.0	19.1	-0.73	+ 4.9	4.0/08.8	1989
1999 VR ₁₉₀	2001 04 02.8	12 48.52	-17 59.1	19.9	-0.82	+ 7.7	3.7/07.4	1542	1998 UX ₈	2001 04 03.2	12 49.96	-11 51.2	18.9	-0.77	+ 6.5	1.9/05.5	34594
1998 QP ₃₆	2001 04 02.8	12 48.58	-10 13.3	21.8	-0.85	+ 5.2	1.3/04.5	33348	1999 TF ₆₁	2001 04 03.2	12 49.99	-08 54.6	19.4	-1.00	+ 5.1	1.3/04.4	1123
2000 CU ₂₉	2001 04 02.8	12 48.62	-20 28.2	20.5	-0.78	+ 3.2	3.5/07.8	2735	1991 PX ₅	2001 04 03.2	12 50.02	-11 16.8	17.0	-1.01	+ 3.7	2.3/05.0	38756
1998 SX ₁₁₂	2001 04 02.8	12 48.64	+00 06.7	18.5	-0.99	+ 2.1	1.7/01.4	10870	1995 SG ₂₁	2001 04 03.2	12 50.09	-06 32.7	18.4	-0.97	+ 5.3	0.4/03.7	40308

2000 CN ₅	2001 04 03.2	12 50.09	-33 48.5	17.1	-1.01	+ 3.8	10.0/12.6	6267	1997 KQ ₃	2001 04 03.8	12 51.94	+04 48.6	18.5	-0.82	+ 5.5	3.5/31.4	37672
1999 XC ₅₀	2001 04 03.3	12 50.11	-06 36.3	19.2	-0.87	+ 5.7	0.4/03.7	347	1999 XT ₂₅	2001 04 03.8	12 51.97	+01 51.5	18.5	-0.96	+ 5.3	2.7/01.5	2695
1998 TH ₅	2001 04 03.3	12 50.20	-01 48.6	19.3	-0.71	+ 4.8	0.9/02.2	38794	1999 TJ ₂₀₅	2001 04 03.8	12 52.07	-05 23.6	17.2	-1.05	+ 3.1	10.6/15.0	10456
2000 AL ₂₄	2001 04 03.3	12 50.24	-00 58.7	18.2	-0.86	+ 4.8	1.4/02.0	38627	1998 QM ₂₄	2001 04 03.8	12 52.12	-00 59.2	20.0	-0.75	+ 6.3	1.2/02.3	40330
1998 QM ₈₀	2001 04 03.3	12 50.28	-01 38.0	21.0	-0.79	+ 8.0	1.0/02.1	33561	1999 RW ₈₈	2001 04 03.8	12 52.16	-06 36.3	18.5	-1.00	+ 7.5	0.4/04.2	2080
1999 VF ₄₅	2001 04 03.3	12 50.35	-08 18.1	19.0	-1.04	+ 4.6	1.1/04.2	1523	1994 VG ₁	2001 04 03.8	12 52.16	-09 52.3	19.5	-0.77	+ 6.9	1.2/05.3	38449
1999 VD ₁₇₉	2001 04 03.3	12 50.47	+18 06.3	18.2	-0.91	+ 3.7	7.8/26.8	2688	6250 P-L	2001 04 03.8	12 52.22	-07 12.3	19.1	-0.96	+ 8.0	0.6/04.4	2802
1999 VU ₁₆₉	2001 04 03.4	12 50.39	-10 13.2	18.3	-1.01	+ 4.8	2.1/04.8	5659	1999 VH ₉	2001 04 03.8	12 52.26	-00 58.4	18.9	-0.95	+ 4.4	1.5/02.5	40389
1998 QE ₄₉	2001 04 03.4	12 50.40	-04 11.9	18.3	-0.82	+ 4.8	0.4/03.0	9716	4092 T-2	2001 04 03.9	12 52.24	-03 59.3	20.1	-0.79	+ 3.4	0.4/03.4	36581
2000 AW ₃₄	2001 04 03.4	12 50.47	-02 12.4	18.5	-0.74	+ 4.0	0.9/02.4	3486	1995 SM ₂₁	2001 04 03.9	12 52.25	-10 49.8	18.8	-1.05	+ 3.7	1.9/05.4	38034
1993 FP ₃₃	2001 04 03.4	12 50.48	-00 14.9	18.0	-0.87	+ 6.3	1.8/01.7	40302	1999 XP ₂₂₄	2001 04 03.9	12 52.32	-00 44.0	20.1	-0.79	+ 4.9	1.4/02.3	10568
1999 VU ₆	2001 04 03.4	12 50.48	-01 59.8	17.0	-0.95	+ 4.7	1.5/02.4	10481	1999 XX ₂₂₉	2001 04 03.9	12 52.33	-12 25.8	18.1	-0.95	+ 2.8	2.4/05.9	9783
1999 VA	2001 04 03.4	12 50.48	+06 06.1	18.8	-0.96	+ 4.4	4.2/30.9	40387	1991 RS ₄	2001 04 03.9	12 52.35	-07 54.7	19.7	-0.95	+ 5.5	0.7/04.6	9669
1999 VV ₂₉	2001 04 03.4	12 50.49	-05 50.7	19.0	-0.93	+ 5.7	0.1/03.6	2157	9514 P-L	2001 04 03.9	12 52.36	-03 14.3	18.4	-0.82	+ 4.5	0.8/03.2	2802
1999 XO ₁₇₁	2001 04 03.4	12 50.55	-09 00.4	18.9	-0.86	+ 4.4	1.0/04.6	40423	1998 SY ₄₂	2001 04 03.9	12 52.40	-05 03.0	17.9	-0.92	+ 2.7	0.2/03.8	38062
1999 XH ₁₃₂	2001 04 03.4	12 50.62	+12 59.0	18.5	-0.93	+ 3.0	5.6/28.8	40419	1998 MP ₂₂	2001 04 03.9	12 52.43	+08 29.8	17.4	-1.05	+ 5.5	5.5/30.5	10857
1998 HK ₁₂₄	2001 04 03.4	12 50.72	+04 44.1	17.9	-0.96	+ 7.1	3.7/31.2	10854	1999 TG ₁₂₀	2001 04 03.9	12 52.54	-10 26.6	17.7	-1.06	+ 5.2	1.9/05.4	1148
1999 TG ₃₉	2001 04 03.4	12 50.78	+04 30.5	20.4	-0.88	+ 5.5	3.1/31.3	1476	1999 XV ₃₇	2001 04 03.9	12 52.57	-20 03.9	20.0	-0.96	+ 4.3	4.5/08.5	38138
1999 UO ₃₅	2001 04 03.4	12 50.82	-06 13.6	20.4	-0.78	+ 8.6	7.0/24.0	1517	1978 VQ ₉	2001 04 04.0	12 52.59	+13 18.9	18.1	-0.96	+ 3.4	6.1/29.0	10823
1999 VC ₃₈	2001 04 03.5	12 50.77	-07 11.0	19.9	-0.93	+ 6.0	0.6/04.1	40394	1999 XB ₁₂₁	2001 04 04.0	12 52.60	+01 09.7	18.9	-1.01	+ 3.9	2.4/02.0	1555
1999 SH ₂	2001 04 03.5	12 50.79	-02 26.1	19.2	-0.91	+ 6.3	1.0/02.5	40374	2000 AP ₉₃	2001 04 04.0	12 52.73	+01 48.8	18.7	-0.97	+ 6.1	2.7/01.7	358
1999 XB ₁₂₉	2001 04 03.5	12 50.82	-08 03.7	16.8	-1.11	+ 2.5	1.2/04.0	10939	1999 XG ₁₈	2001 04 04.0	12 52.73	-00 28.2	18.5	-1.00	+ 4.3	1.8/02.5	1547
1995 WC ₃₇	2001 04 03.5	12 50.82	+09 15.9	20.3	-0.81	+ 5.9	4.5/29.6	5415	1998 HG ₃	2001 04 04.0	12 52.75	-00 32.1	18.3	-0.96	+ 8.8	1.8/02.3	37679
1994 RM ₁₂	2001 04 03.5	12 50.84	+12 31.8	18.0	-0.83	+ 8.1	5.7/27.9	9678	1999 VV ₃₄	2001 04 04.0	12 52.80	-20 57.0	20.0	-0.85	+ 7.4	4.5/09.5	674
2000 AC ₂₄₅	2001 04 03.5	12 50.91	-00 50.8	17.7	-0.76	+11.5	1.6/01.8	10593	1999 VF ₈	2001 04 04.0	12 52.81	+12 32.3	18.5	-0.76	+ 3.8	4.7/29.1	5650
1999 TP ₁₂₂	2001 04 03.5	12 50.91	-01 00.7	18.8	-0.93	+ 7.8	1.6/02.1	1150	1999 TD ₃₂₁	2001 04 04.0	12 52.94	-05 56.5	18.8	-0.93	+ 8.4	0.1/04.2	2675
1999 TV ₁₀₅	2001 04 03.5	12 50.91	-06 14.0	17.7	-0.87	+ 9.1	0.3/03.8	1485	1999 VV ₉₃	2001 04 04.0	12 52.98	-08 09.0	17.9	-0.86	+ 8.0	1.1/04.9	4537
1998 SY ₇₉	2001 04 03.5	12 50.97	-09 23.5	19.6	-0.88	+ 3.9	1.3/04.7	39248	1998 KQ ₁₉	2001 04 04.0	12 53.00	-02 25.6	17.6	-0.98	+ 8.9	1.3/03.0	10855
1999 XF ₁₂₉	2001 04 03.5	12 51.00	-04 18.0	19.7	-0.90	+ 4.1	0.3/03.2	1556	1999 UL ₁₃	2001 04 04.0	12 53.00	-08 03.3	18.3	-0.97	+ 5.8	0.8/04.8	40385
1995 RH	2001 04 03.5	12 51.05	+31 17.7	20.0	-1.00	+ 3.8	10.2/21.0	37645	1999 XR ₂₃₀	2001 04 04.1	12 53.04	-05 12.8	18.8	-0.98	+ 4.3	0.2/04.0	1559
1981 EG ₆	2001 04 03.5	12 51.06	-17 24.5	20.0	-0.87	+ 4.8	4.6/07.5	30779	1999 XP ₁₈₈	2001 04 04.1	12 53.16	-25 03.2	18.1	-0.91	+ 4.7	6.0/10.6	40424
2000 DW ₄₂	2001 04 03.5	12 51.07	-30 22.9	18.9	-0.91	+ 1.1	5.7/11.3	40464	1997 AS ₂₂	2001 04 04.1	12 53.17	-05 33.7	16.1	-1.04	+ 2.4	0.1/04.1	9688
1998 SF ₆₇	2001 04 03.5	12 51.12	+02 16.5	18.5	-0.86	+ 5.0	2.7/01.1	10869	1997 JE	2001 04 04.1	12 53.19	-03 57.2	18.0	-0.85	+ 6.8	0.8/03.6	39976
1999 RF ₉₅	2001 04 03.5	12 51.14	-06 47.6	18.5	-0.98	+ 7.5	0.5/04.0	40363	1998 UY ₁₉	2001 04 04.1	12 53.21	-22 26.2	15.8	-0.71	+ 8.7	5.5/10.5	9721
1999 YT ₁₇	2001 04 03.6	12 51.20	-31 32.9	21.2	-1.20	+ 0.5	7.3/11.1	2707	1999 VS ₂₂	2001 04 04.1	12 53.24	-13 12.9	18.5	-0.96	+ 7.1	2.6/06.6	2155
2000 EH ₁₂	2001 04 03.6	12 51.28	-09 33.8	18.9	-0.78	+ 2.4	1.0/04.9	9321	2001 BX ₄₄	2001 04 04.1	12 53.26	+09 07.2	17.5	-0.92	+ 4.9	6.7/30.5	10710
1999 XQ ₇₂	2001 04 03.6	12 51.36	-06 00.9	18.9	-0.91	+ 6.1	0.2/03.8	1552	1999 SG	2001 04 04.1	12 53.29	-06 54.6	16.7	-1.05	+ 3.2	0.5/04.5	9163
1998 QN ₂₆	2001 04 03.6	12 51.37	-16 41.7	19.6	-0.91	+ 3.7	3.2/07.1	10860	1998 QF ₂₃	2001 04 04.1	12 53.30	-13 48.7	18.4	-0.95	+ 2.7	2.6/06.5	10860
1999 XK ₃₁	2001 04 03.6	12 51.46	+08 42.2	17.5	-0.74	+ 6.0	4.2/29.7	9778	2000 AS ₁₃₈	2001 04 04.1	12 53.32	+05 05.6	18.0	-0.90	+ 4.1	4.2/31.9	9307
1998 JZ ₁	2001 04 03.7	12 51.63	+00 25.7	17.1	-1.18	+ 4.2	2.7/02.1	10854	1999 TJ ₂₅₃	2001 04 04.1	12 53.33	+04 02.1	19.9	-0.89	+ 4.2	2.9/01.2	2672
1999 XC ₁₆₁	2001 04 03.7	12 51.66	-01 34.9	18.5	-1.02	+ 3.5	1.4/02.6	1557	1999 SU ₁₁	2001 04 04.1	12 53.34	+00 15.7	18.7	-0.89	+ 7.9	2.2/02.2	40375
1999 WS ₈	2001 04 03.7	12 51.69	+04 05.7	19.2	-0.96	+ 6.9	3.5/31.6	38126	1998 RP ₆₆	2001 04 04.2	12 53.30	-10 08.4	18.0	-0.82	+ 5.4	1.5/05.6	38787
2000 AJ ₁₉₁	2001 04 03.7	12 51.73	-13 42.8	18.3	-0.82	+ 7.5	2.4/06.6	2723	1990 VY ₁	2001 04 04.2	12 53.34	-10 06.9	18.8	-0.79	+ 7.4	1.2/05.7	7428
1999 XC ₄₈	2001 04 03.7	12 51.76	+07 57.5	17.8	-1.04	+ 4.3	6.3/30.6	10935	1999 RN ₁₉₄	2001 04 04.2	12 53.36	-10 51.3	18.3	-0.96	+ 6.8	1.9/05.9	40371
1999 XK ₁₆₈	2001 04 03.7	12 51.77	-01 13.0	18.4	-1.03	+ 3.7	1.6/02.5	693	1999 XH ₄₃	2001 04 04.2	12 53.45	-13 02.2	17.6	-0.89	+ 7.2	3.3/06.6	10540
2000 AT ₁₉₂	2001 04 03.7	12 51.82	+08 06.9	18.4	-0.77	+ 7.9	3.8/29.9	10948	1999 VW ₆₅	2001 04 04.2	12 53.45	-04 29.1	19.2	-0.89	+ 5.9	0.4/03.8	2682
1999 XW ₁₇₈	2001 04 03.7	12 51.86	+20 42.6	19.2	-0.76	+ 2.8	6.5/25.8	6981	2000 AL ₁₅₉	2001 04 04.2	12 53.48	-20 37.7	18.4	-0.85	+ 3.2	4.6/08.9	3496
1991 PN ₁₇	2001 04 03.7	12 51.89	-11 29.2	17.8	-1.00	+ 5.3	2.6/05.6	9669	2001 BA ₄₅	2001 04 04.2	12 53.54	+07 22.4	18.6	-0.97	+ 5.7	5.5/31.2	10710
2000 AF ₂₁₄	2001 04 03.7	12 51.92	+12 28.2	18.8	-0.76	+ 5.0	5.1/28.5	40443	1998 SC ₄₉	2001 04 04.2	12 53.58	-03 30.9	17.9	-0.78	+ 5.5	0.7/03.5	10868
2000 AC ₁₅₀	2001 04 03.8	12 51.85	-07 43.0	18.0	-0.72	+ 7.7	0.7/04.6	40440	1998 UF ₄₁	2001 04 04.2	12 53.59	-05 41.1	18.1	-0.71	+ 6.7	0.0/04.2	39545
1998 KX ₆	2001 04 03.8	12 51.88	-00 57.8	18.1	-0.97	+ 6.8	1.6/02.3	38778	1997 GR ₂₀	2001 04 04.2	12 53.61	-05 14.3	19.0	-0.91	+ 5.3	0.2/04.1	38043

4901 P-L	2001 04 04.2	12 53.65	-03 39.6	22.2	-0.83	+	5.5	0.6/03.6	4862	4037 P-L	2001 04 04.7	12 55.32	-09 54.9	17.2	-1.06	+	3.0	1.6/05.9	9933
3020 T-2	2001 04 04.2	12 53.70	-09 42.4	18.3	-0.90	+	2.2	1.1/05.4	33589	1999 TZ ₉₄	2001 04 04.7	12 55.37	+03 33.4	19.6	-0.99	+	4.9	3.2/01.9	1482
1999 VV ₇₁	2001 04 04.2	12 53.71	+04 57.8	21.5	-0.90	+	3.6	3.2/01.1	38122	1995 WX ₄₂	2001 04 04.8	12 55.53	+18 36.4	18.0	-0.91	+	3.9	8.0/27.8	10833
2001 BH ₆₇	2001 04 04.2	12 53.71	-05 40.9	15.6	-1.19	-	1.6	0.0/04.3	10726	2000 AS ₃₃	2001 04 04.8	12 55.53	-19 05.8	18.6	-0.99	+	4.1	4.2/08.7	40429
1998 SX ₉	2001 04 04.2	12 53.73	-04 06.6	19.9	-0.83	+	6.6	0.5/03.7	10336	1999 VC ₉₇	2001 04 04.8	12 55.62	-05 32.5	18.9	-0.92	+	6.6	0.2/04.7	4538
1998 VH ₅₃	2001 04 04.2	12 53.74	-24 29.3	18.2	-0.88	+	5.9	6.2/10.6	3268	1998 RA ₄₉	2001 04 04.8	12 55.64	-03 45.4	21.2	-0.85	+	7.1	0.7/04.1	1967
1999 VF ₅₈	2001 04 04.2	12 53.75	-01 37.5	19.8	-1.03	+	5.5	1.5/03.1	3459	1998 XN ₂₈	2001 04 04.8	12 55.68	+04 25.9	17.4	-0.78	+	2.8	2.9/01.6	9721
2000 AD ₁₂₇	2001 04 04.3	12 53.68	-24 51.8	17.3	-0.82	+	3.6	5.3/10.5	699	1999 XV ₁₁₅	2001 04 04.8	12 55.68	-11 41.6	18.3	-0.98	+	3.9	2.3/06.5	9781
1999 VD ₄	2001 04 04.3	12 53.75	+00 27.1	21.0	-0.89	+	4.4	1.8/02.4	40388	1999 RD ₃₅	2001 04 04.8	12 55.74	-12 25.0	18.7	-0.87	+13.4	2.1/07.3	38073	
1164 T-3	2001 04 04.3	12 53.78	-18 46.6	18.0	-0.76	+	6.4	4.0/08.8	38193	1998 QA ₆₆	2001 04 04.8	12 55.77	-23 23.8	20.0	-0.91	+	4.3	5.1/10.4	6809
1998 HU ₉₀	2001 04 04.3	12 53.79	+02 43.5	18.8	-1.04	+	6.7	3.3/01.7	1941	1999 XJ ₃₈	2001 04 04.8	12 55.86	-06 46.3	17.7	-0.97	+	7.1	0.3/05.1	10934
1999 US ₈	2001 04 04.3	12 53.80	+06 36.9	18.4	-1.01	+	0.5	4.5/01.1	40385	1997 AF ₃	2001 04 04.8	12 55.88	-02 21.4	17.5	-1.01	+	3.0	1.6/03.9	9687
2000 AJ ₅₄	2001 04 04.3	12 53.84	-24 37.3	16.9	-0.87	+	3.2	6.0/10.3	10944	1998 UF ₃₃	2001 04 04.8	12 55.89	+05 20.8	16.8	-1.01	+	2.4	4.1/01.6	9721
1999 XS ₁₉	2001 04 04.3	12 53.85	-10 18.9	18.5	-1.00	+	6.7	1.7/05.8	2695	1999 UN ₄	2001 04 04.9	12 55.88	-01 22.5	16.8	-1.07	+	0.4	1.7/03.7	10467
1978 RA ₁₀	2001 04 04.3	12 53.88	-06 33.3	18.2	-1.01	+	5.7	0.3/04.6	36873	1999 XZ ₁₀₁	2001 04 04.9	12 55.92	-13 29.2	18.8	-0.89	+	5.0	2.2/07.3	40415
1991 RQ	2001 04 04.3	12 53.90	+08 04.6	19.2	-0.89	+	8.7	4.4/30.5	38438	1996 XD ₃	2001 04 04.9	12 56.10	-01 56.4	17.5	-0.93	+	6.5	1.8/03.7	9686
2000 AB ₅₀	2001 04 04.3	12 53.95	-20 14.5	19.0	-0.81	+	4.4	4.3/09.1	7518	1999 XX ₁₉₇	2001 04 04.9	12 56.13	+06 17.6	18.0	-0.83	+	2.3	3.6/01.3	40425
1998 RL ₆₅	2001 04 04.3	12 54.02	-06 51.7	18.4	-0.80	+	4.6	0.3/04.7	38787	1998 QY ₉₃	2001 04 04.9	12 56.23	-08 27.9	18.3	-0.92	+	4.8	1.1/05.7	9717
1999 XQ ₁₁₀	2001 04 04.3	12 54.04	-16 40.2	19.3	-0.87	+	6.2	3.6/08.0	40416	1999 TF ₉₆	2001 04 04.9	12 56.27	+00 17.3	19.8	-1.03	+	3.7	2.2/03.2	2661
1992 EC ₈	2001 04 04.3	12 54.05	-03 45.8	18.8	-0.83	+	6.3	0.7/03.7	10827	1998 UP ₃₃	2001 04 05.0	12 56.30	+07 01.8	18.6	-0.98	+	1.4	4.0/01.3	3263
1999 YC ₉	2001 04 04.3	12 54.08	-06 36.6	17.8	-0.79	+	4.5	0.3/04.7	10943	1999 TB ₂₃₂	2001 04 05.0	12 56.32	+01 25.8	19.5	-0.92	+	6.9	2.5/02.6	2134
1999 XY ₈₄	2001 04 04.4	12 54.04	-06 46.3	18.8	-0.80	+	5.3	0.3/04.7	1552	1998 QF ₂₄	2001 04 05.0	12 56.32	-16 35.0	19.2	-0.85	+	4.5	3.1/08.4	40330
2000 AP ₁₄	2001 04 04.4	12 54.08	-10 28.0	18.8	-0.99	+	6.2	1.6/05.9	2709	1999 XW ₁₇₁	2001 04 05.0	12 56.34	+13 48.4	18.9	-0.91	+	3.5	5.9/29.8	5677
2000 AB ₁₇₄	2001 04 04.4	12 54.10	-04 56.3	19.4	-0.79	+	6.9	0.3/04.1	9309	1998 QD ₉₄	2001 04 05.0	12 56.35	+15 26.2	18.4	-0.82	+	7.4	6.6/28.2	10864
1999 XT ₁₅₅	2001 04 04.4	12 54.19	-13 30.4	19.8	-0.86	+	6.4	2.2/07.0	40421	1999 TB ₁₆₄	2001 04 05.0	12 56.44	+03 25.0	19.6	-0.89	+	7.1	3.4/01.9	10912
2000 AE ₉₁	2001 04 04.4	12 54.22	+01 37.1	19.5	-0.94	+	7.0	2.4/02.0	2716	2000 AJ ₁₀₁	2001 04 05.0	12 56.45	-00 45.4	19.4	-0.86	+	5.9	1.6/03.4	2716
2000 AN ₁₇₈	2001 04 04.4	12 54.24	-06 30.0	18.0	-0.96	+	8.6	0.2/04.7	5694	1999 XB ₁₀₆	2001 04 05.0	12 56.49	+13 27.1	19.0	-0.80	+	4.9	4.9/29.6	2698
2000 AQ ₁₅₄	2001 04 04.4	12 54.28	+01 29.8	20.7	-0.99	+	3.7	2.3/02.3	2720	1998 XY	2001 04 05.0	12 56.50	-04 58.9	19.8	-0.72	+	4.6	0.3/04.7	4423
3053 T-2	2001 04 04.4	12 54.32	-04 07.8	19.8	-0.86	+	4.4	0.5/03.9	7410	1998 UB ₁	2001 04 05.0	12 56.54	-06 08.5	20.3	-0.78	+	5.0	0.0/05.1	38795
1999 RB ₁₄₃	2001 04 04.5	12 54.43	+01 05.7	18.7	-1.02	+	6.3	2.7/02.4	36444	1998 RM ₅₁	2001 04 05.0	12 56.54	-01 46.3	19.8	-0.91	+	6.2	1.5/03.7	6811
1999 TN ₁₇	2001 04 04.5	12 54.43	+06 13.6	19.1	-0.91	+	7.3	4.1/31.5	40379	2000 AG ₁₇₂	2001 04 05.0	12 56.56	-06 59.0	17.1	-0.82	+	7.8	0.3/05.4	2722
2000 AW ₆₈	2001 04 04.5	12 54.46	+00 43.2	19.5	-0.86	+	5.7	2.0/02.4	2713	1998 SA ₁₂₆	2001 04 05.0	12 56.60	+01 27.8	18.8	-0.76	+	4.7	2.1/02.6	10870
1999 WF ₃	2001 04 04.5	12 54.62	-00 21.9	20.2	-0.93	+	5.3	1.8/02.9	2186	1998 RO ₄₉	2001 04 05.0	12 56.62	-03 54.1	20.0	-0.70	+	4.4	0.5/04.4	38786
1999 VK ₆₆	2001 04 04.5	12 54.73	+02 28.4	20.3	-0.96	+	3.9	2.9/02.1	4949	1998 QP ₇₈	2001 04 05.0	12 56.64	-01 16.1	17.3	-0.77	+	9.9	1.5/03.4	10863
2000 AF ₁₀₀	2001 04 04.5	12 54.82	+03 45.3	17.6	-0.90	+	7.4	3.8/01.4	10945	1989 ST ₄	2001 04 05.1	12 56.59	+00 13.7	17.5	-0.89	+	3.4	2.2/03.2	9666
1999 TR ₃₉	2001 04 04.5	12 54.85	+08 39.0	20.4	-0.93	+	4.0	4.7/31.2	1476	1999 UM	2001 04 05.1	12 56.62	-06 51.6	18.9	-0.97	+	4.8	0.3/05.4	3452
1997 CB	2001 04 04.6	12 54.83	+05 06.2	18.4	-0.89	+	8.3	3.4/31.8	8387	3204 T-1	2001 04 05.1	12 56.64	-10 26.6	17.3	-1.00	+	3.8	1.6/06.4	9934
2000 AU ₁₃₈	2001 04 04.6	12 54.88	+00 51.1	18.9	-0.85	+	6.5	2.4/02.4	7519	1999 VV ₂₁₃	2001 04 05.1	12 56.67	-07 27.1	19.3	-0.94	+	5.4	0.5/05.5	2184
2000 AA ₂₀₅	2001 04 04.6	12 54.91	-11 47.4	17.9	-0.84	+	2.5	1.7/06.4	9788	1998 OB ₁₂	2001 04 05.1	12 56.68	+01 27.6	20.6	-0.86	+	5.2	2.2/02.7	33079
1999 XP ₁₇₅	2001 04 04.6	12 54.95	-07 21.0	17.7	-0.90	+	4.3	0.5/05.1	2702	1994 VU ₆	2001 04 05.1	12 56.71	-10 51.7	17.8	-0.80	+	8.1	1.4/06.8	39522
1998 ML ₉	2001 04 04.6	12 54.96	+01 48.0	18.6	-0.91	+	8.3	2.8/02.0	37693	1999 XK ₁₁₆	2001 04 05.1	12 56.72	-18 05.6	18.0	-0.93	+	6.4	4.9/09.1	8467
1998 YU ₆	2001 04 04.6	12 55.04	-24 43.1	17.2	-0.76	+	4.7	5.1/11.1	8417	1998 SD ₆₁	2001 04 05.1	12 56.72	-12 55.3	20.0	-0.81	+	7.9	2.1/07.5	4919
2000 AS ₂₀₀	2001 04 04.6	12 55.08	+07 58.2	17.8	-0.80	+	8.6	4.6/30.7	10590	1999 XB ₄₀	2001 04 05.1	12 56.72	-05 00.0	17.5	-0.88	+	8.0	0.4/04.8	9778
1999 TW ₁₉₇	2001 04 04.6	12 55.15	-02 18.2	17.8	-1.10	-	0.9	1.5/03.8	9210	1999 XU ₂₉	2001 04 05.1	12 56.76	+18 43.6	17.9	-0.85	+	3.4	8.6/27.8	10538
1999 TR ₂₅	2001 04 04.6	12 55.16	-05 56.0	17.9	-0.98	+	3.9	0.0/04.7	10423	1999 XB ₂₁	2001 04 05.1	12 56.91	+01 34.7	18.1	-0.96	+	4.7	2.9/02.9	2695
2331 T-2	2001 04 04.6	12 55.17	-05 27.8	20.8	-0.93	+	6.0	0.1/04.6	2589	1999 TL ₁₅₄	2001 04 05.1	12 56.95	-05 52.0	17.1	-0.90	+	8.7	0.1/05.1	1497
2000 AK ₁₀₆	2001 04 04.6	12 55.19	-04 14.5	17.4	-0.90	+	7.8	0.6/04.1	2717	1998 QX ₁	2001 04 05.1	12 57.03	-14 24.9	19.8	-0.78	+	4.3	2.0/07.9	39532
2000 BM ₂₂	2001 04 04.7	12 55.21	-05 17.3	19.7	-0.70	+	4.2	0.2/04.5	40446	1999 VL ₁₁₁	2001 04 05.2	12 56.99	-00 16.0	16.8	-0.94	+	5.3	2.6/03.4	40399
1999 XW ₁₀₇	2001 04 04.7	12 55.23	-08 42.6	18.8	-0.87	+	5.0	0.9/05.6	40416	1992 CM ₃	2001 04 05.2	12 57.03	+41 43.5	16.9	-0.64	+13.0	18.8/20.0	10301	
1998 SC ₁₀	2001 04 04.7	12 55.23	-01 31.3	17.4	-0.93	+	2.4	1.5/03.5	9719	1998 SW ₁₄₀	2001 04 05.2	12 57.20	-07 31.4	17.8	-0.78	+	4.9	0.4/05.7	6815
2000 AU ₁₉₂	2001 04 04.7	12 55.27	+03 06.9	19.9	-0.69	+	6.9	2.2/01.6	3498	1999 WT ₁	2001 04 05.3	12 57.35	-03 32.6	16.6	-0.90	+	7.1	1.2/04.5	9775

1999 YD ₁₂	2001 04 05.3	12 57.36	-02 20.8	20.0	-0.88	+ 5.5	1.2/04.1	6983	2000 CN ₂₂	2001 04 05.7	12 59.08	-20 41.5	19.4	-0.80	+ 3.7	3.8/10.4	2345
1998 MR ₃₇	2001 04 05.3	12 57.44	-00 12.1	17.1	-1.00	+ 5.2	2.2/03.5	38779	2000 AC ₂₀₂	2001 04 05.7	12 59.09	+16 18.2	19.5	-0.85	+ 5.2	7.6/29.1	3498
2000 AN ₁₀₀	2001 04 05.3	12 57.50	+05 08.6	18.9	-0.97	+ 5.1	3.8/01.9	40435	1996 BO ₃	2001 04 05.7	12 59.09	+12 01.9	17.7	-0.77	+ 6.9	6.1/30.3	10834
2001 AL ₁₈	2001 04 05.3	12 57.52	+19 46.2	16.0	-0.59	+20.2	10.9/23.7	11025	1999 YY	2001 04 05.7	12 59.15	-00 58.4	17.9	-0.91	+ 7.7	1.8/04.0	9784
2000 BS ₃₈	2001 04 05.3	12 57.56	+02 17.9	20.2	-0.80	+ 5.8	2.5/02.5	4552	2000 BV	2001 04 05.7	12 59.16	-37 02.6	21.3	-1.17	+ 1.3	8.1/15.4	38887
1997 BX ₂	2001 04 05.3	12 57.61	+09 03.9	18.6	-0.90	+ 6.0	5.9/31.4	9688	1999 XC ₈₆	2001 04 05.7	12 59.19	-10 42.4	18.7	-0.87	+ 5.5	1.3/07.2	2697
1999 VT ₈₀	2001 04 05.3	12 57.62	-03 55.2	18.4	-0.89	+ 8.1	0.8/04.6	678	2000 AY ₇₈	2001 04 05.7	12 59.22	-12 41.1	18.5	-0.80	+ 6.4	1.9/07.9	2276
1995 DN ₇	2001 04 05.3	12 57.63	-07 39.0	18.1	-0.79	+ 3.1	0.5/05.8	3134	1999 XO ₁₃₃	2001 04 05.8	12 59.18	-25 07.3	17.7	-0.92	+ 2.2	6.1/11.6	38850
1999 RO ₂₃₄	2001 04 05.3	12 57.68	+03 26.2	19.8	-0.92	+ 4.8	3.1/02.5	2656	1998 RW ₇₅	2001 04 05.8	12 59.24	-02 19.7	16.6	-0.78	+ 4.4	1.4/04.5	8414
1998 RA ₃	2001 04 05.3	12 57.69	-05 13.9	19.3	-0.78	+ 5.4	0.3/05.1	6810	1999 XN ₁₆₁	2001 04 05.8	12 59.30	-10 12.1	18.8	-0.90	+ 5.0	1.4/07.0	6264
2000 AW ₆₁	2001 04 05.3	12 57.76	-15 48.0	18.2	-0.84	+ 4.2	2.7/08.4	40431	2000 AL ₆₃	2001 04 05.8	12 59.31	+00 48.8	18.7	-0.72	+ 4.0	1.9/03.5	2270
1999 XO ₁₉₈	2001 04 05.4	12 57.71	-15 20.6	18.6	-0.97	+ 4.9	3.1/08.2	1558	1998 RA ₇₃	2001 04 05.8	12 59.37	-07 32.7	17.6	-0.78	+ 4.9	0.4/06.2	9719
1999 VT ₁₈₉	2001 04 05.4	12 57.83	-08 39.8	18.3	-0.95	+ 7.5	0.9/06.2	2180	1991 RO ₁₁	2001 04 05.8	12 59.38	-36 24.2	18.1	-0.95	+ 0.9	7.7/15.2	40297
1999 TY ₉₉	2001 04 05.4	12 57.90	+05 24.3	18.0	-0.90	+ 8.1	4.6/01.5	1483	1978 VM ₇	2001 04 05.8	12 59.39	-13 40.9	19.0	-0.90	+ 6.5	2.3/08.2	34572
2000 AM ₇₄	2001 04 05.4	12 57.96	+05 17.6	19.0	-0.90	+ 6.0	3.6/01.7	2714	1998 QS	2001 04 05.8	12 59.54	-04 49.4	19.3	-0.92	+ 6.8	0.6/05.4	9083
1999 VD ₁₄	2001 04 05.4	12 58.02	+08 08.2	20.1	-1.17	+ 0.2	4.6/01.9	1521	1999 UG ₄	2001 04 05.8	12 59.55	-04 53.7	16.3	-0.86	+ 6.9	0.6/05.4	9765
1999 VT ₂₇	2001 04 05.4	12 58.05	-03 12.9	17.7	-1.07	+ 2.4	1.2/04.7	10488	1998 RG ₃	2001 04 05.9	12 59.54	-12 49.7	20.8	-0.80	+ 6.0	1.7/08.0	33563
1999 XH ₃₁	2001 04 05.4	12 58.08	-10 55.2	19.5	-0.97	+ 6.5	1.5/07.0	1548	1999 XX ₁₂₈	2001 04 05.9	12 59.61	-18 43.7	18.9	-0.90	+ 4.9	3.8/09.9	1556
6276 P-L	2001 04 05.4	12 58.08	-06 27.5	20.2	-0.73	+ 4.7	0.1/05.6	40531	1999 UU ₁₆	2001 04 05.9	12 59.66	-03 25.7	18.3	-0.96	+ 3.0	1.1/05.1	40386
1999 XS ₂₀₈	2001 04 05.5	12 58.06	-23 37.3	19.8	-0.96	+ 4.5	5.1/11.1	40425	1999 UW ₁	2001 04 05.9	12 59.69	+05 09.5	17.9	-0.84	+ 1.8	3.7/02.5	9765
2000 VL ₁	2001 04 05.5	12 58.07	+65 10.3	18.0	-0.75	-19.0	38.5/20.0	10996	2000 DQ ₂₀	2001 04 05.9	12 59.70	-30 48.8	18.6	-0.89	+ 1.6	6.8/13.5	2746
1999 XR ₅₆	2001 04 05.5	12 58.08	-09 33.2	20.1	-0.95	+ 6.8	1.1/06.6	1551	4303 T-3	2001 04 05.9	12 59.80	+01 12.0	18.4	-0.84	+ 2.5	2.3/03.7	38909
1998 SN ₁₂₁	2001 04 05.5	12 58.11	-11 45.6	19.1	-0.74	+ 4.4	1.4/07.3	39541	2000 AK ₉	2001 04 05.9	12 59.85	+03 04.7	19.0	-0.86	+ 4.2	2.8/03.0	1560
1998 UJ ₂₇	2001 04 05.5	12 58.18	-01 08.5	18.9	-0.68	+ 6.5	1.3/03.8	1981	2000 CG ₈₂	2001 04 05.9	12 59.89	-13 19.4	18.0	-0.72	+ 3.1	1.7/08.2	10951
1999 XK ₁₀₄	2001 04 05.5	12 58.33	-09 56.1	19.9	-1.03	+ 6.1	1.4/06.7	4544	1999 CT ₁₄₇	2001 04 06.0	12 59.97	-04 16.4	20.4	-0.71	+ 4.2	0.5/05.3	6222
1999 XL ₁₂₇	2001 04 05.5	12 58.34	-07 06.5	18.6	-0.85	+ 3.8	0.2/05.8	5675	2000 AV ₁₇₁	2001 04 06.0	12 59.98	+08 34.0	17.8	-0.72	+ 6.3	4.8/31.8	10947
2134 T-2	2001 04 05.5	12 58.35	-07 44.4	20.1	-0.87	+ 4.9	0.5/06.0	6440	1998 VX ₅	2001 04 06.0	13 00.06	-05 12.2	18.1	-0.77	+ 4.2	0.3/05.7	40345
2132 T-2	2001 04 05.5	12 58.43	-04 09.5	19.0	-0.72	+ 8.1	0.6/04.8	33130	1998 RG ₆₃	2001 04 06.0	13 00.08	+01 21.6	19.6	-0.86	+ 6.2	2.3/03.5	10866
1999 TR ₉	2001 04 05.5	12 58.48	-05 59.8	18.6	-0.97	+ 5.2	0.1/05.5	40377	2000 AF ₃₀	2001 04 06.0	13 00.18	-01 49.8	18.8	-0.78	+ 4.6	1.3/04.6	2260
2000 AF ₁₂₄	2001 04 05.5	12 58.48	-20 56.3	19.3	-0.80	+ 4.3	4.0/10.4	3493	1996 BR ₈	2001 04 06.0	13 00.19	+03 55.0	16.3	-0.84	+ 4.9	3.4/02.7	32948
1999 XZ ₁₂₅	2001 04 05.6	12 58.45	-06 56.2	17.9	-1.00	+ 4.7	0.2/05.8	10939	1999 XM ₂₁₃	2001 04 06.0	13 00.21	-06 36.0	18.2	-0.80	+ 8.2	0.1/06.1	2704
2000 AM ₁₂	2001 04 05.6	12 58.52	-07 33.4	19.6	-0.91	+ 4.8	0.4/06.0	2708	1998 SE ₇₀	2001 04 06.0	13 00.21	+05 56.2	19.0	-0.93	+ 3.9	4.3/02.3	6813
1995 BG	2001 04 05.6	12 58.52	+07 06.7	18.0	-0.73	+ 5.8	3.7/01.0	9678	1998 SA ₁₄₀	2001 04 06.0	13 00.27	-15 38.0	18.1	-0.84	+ 8.9	3.2/09.0	33759
1998 WO ₁	2001 04 05.6	12 58.54	-03 34.7	18.0	-0.71	+ 4.8	0.7/04.7	39546	1995 SB ₃₁	2001 04 06.0	13 00.32	-10 26.3	17.2	-1.07	+ 2.5	1.8/07.2	10832
2000 AX ₈₁	2001 04 05.6	12 58.58	-04 15.6	18.2	-0.79	+ 5.5	0.6/05.0	2714	1999 VA ₂₁₁	2001 04 06.1	13 00.30	+16 08.0	20.1	-0.92	+ 2.7	6.9/30.3	2692
1999 VN ₆₄	2001 04 05.6	12 58.63	-00 22.0	19.5	-0.94	+ 4.6	2.0/03.9	38119	3340 T-3	2001 04 06.1	13 00.42	-04 02.9	17.6	-0.82	+ 6.6	0.9/05.3	30915
1999 XM ₁₈₉	2001 04 05.6	12 58.66	-10 43.0	19.4	-0.87	+ 4.0	1.5/07.0	10941	1999 XB ₁₁	2001 04 06.1	13 00.43	-06 26.2	19.1	-1.02	+ 3.3	0.0/06.1	6262
1981 EU ₃	2001 04 05.6	12 58.67	-15 39.8	17.6	-0.79	+ 9.6	3.8/09.1	40290	1999 TK ₁₄	2001 04 06.1	13 00.46	-03 19.3	18.2	-0.93	+ 6.3	1.1/05.2	10904
1999 VX ₁₂₇	2001 04 05.6	12 58.68	-02 22.1	19.9	-0.96	+ 5.1	1.4/04.5	2685	1999 VN ₁₈₆	2001 04 06.1	13 00.48	-07 59.5	19.0	-0.91	+ 8.9	0.6/06.7	1541
1999 VU ₅	2001 04 05.6	12 58.69	+09 49.1	18.1	-1.00	+ 3.2	5.7/31.9	40388	2000 AN ₁₄₃	2001 04 06.1	13 00.54	+03 49.3	18.7	-0.77	+ 7.1	2.8/02.6	10946
1999 RB ₄₄	2001 04 05.6	12 58.69	+01 56.9	17.7	-0.98	+ 2.5	2.7/03.4	40359	1998 SZ ₁₁₁	2001 04 06.1	13 00.59	-03 21.3	19.4	-0.94	+ 3.4	1.0/05.3	10870
1999 WG ₂₀	2001 04 05.6	12 58.79	-12 18.5	19.4	-0.90	+ 5.5	2.0/07.6	1546	1999 TS ₆₃	2001 04 06.1	13 00.65	-06 54.4	19.7	-0.84	+ 6.7	0.1/06.3	1479
2000 AL ₁₁₄	2001 04 05.6	12 58.80	+10 09.7	19.0	-0.80	+ 6.1	4.6/31.0	5690	2000 DP ₃₂	2001 04 06.1	13 00.65	-19 54.7	20.1	-0.77	+ 3.0	3.0/10.5	2382
1998 RL ₅₄	2001 04 05.6	12 58.82	-13 37.3	18.5	-0.76	+ 4.3	2.0/08.1	40334	1998 RD ₄₄	2001 04 06.1	13 00.66	-04 42.6	18.7	-0.87	+ 3.7	0.5/05.7	38786
1995 WE ₇	2001 04 05.7	12 58.79	+02 38.0	17.9	-0.97	+ 3.4	3.1/03.1	37651	1998 VU	2001 04 06.2	13 00.72	+03 29.5	19.4	-0.81	+ 2.7	2.8/03.2	10873
2000 AK ₇₉	2001 04 05.7	12 58.91	+06 26.1	18.6	-0.89	+ 6.5	4.3/01.5	10945	1991 PU ₁₆	2001 04 06.2	13 00.80	-05 59.7	17.2	-0.98	+ 4.7	0.2/06.1	9669
2000 AE ₁₈₇	2001 04 05.7	12 58.91	+08 29.4	18.0	-0.81	+ 8.0	4.9/31.5	40442	1999 YS ₂₃	2001 04 06.2	13 00.81	-05 09.7	21.0	-0.91	+ 6.4	0.4/05.8	5684
1993 RT ₆	2001 04 05.7	12 58.94	-07 42.5	19.2	-0.78	+ 5.0	0.4/06.2	32932	1998 RY ₆₀	2001 04 06.2	13 00.82	-19 13.8	17.5	-1.07	+ 1.4	4.4/09.6	38787
1999 UF ₅₁	2001 04 05.7	12 58.96	+03 26.2	18.2	-0.87	+ 7.2	3.6/02.5	2679	1998 WL ₂	2001 04 06.2	13 00.88	+09 28.1	19.2	-0.66	+ 8.2	4.0/31.2	10874
1995 YC ₅	2001 04 05.7	12 59.02	-00 11.1	17.7	-0.99	+ 6.0	2.6/03.8	9681	1998 QC ₁₀₀	2001 04 06.2	13 00.95	+04 11.1	18.3	-0.90	+ 7.0	4.1/02.7	10332
1999 XF ₉₆	2001 04 05.7	12 59.05	-13 18.2	19.7	-0.95	+ 6.0	2.2/08.0	5672	1997 EW ₁₄	2001 04 06.2	13 01.02	-02 26.1	19.5	-0.94	+ 7.6	1.4/05.0	10839

1997 AC ₁₃	2001 04 06.2	13 01.03	-12 08.7	17.6	-1.00	+ 5.9	2.2/08.0	38040	1999 XQ ₁₈₃	2001 04 06.7	13 02.86	-06 34.7	17.2	-0.95	+ 1.6	0.0/06.8	9782
1999 TE ₃₀	2001 04 06.3	13 00.98	-09 06.7	18.0	-1.03	+ 4.6	1.1/07.1	10424	1999 VB ₆	2001 04 06.7	13 02.87	-03 25.3	18.5	-0.94	+ 5.9	1.1/05.8	39552
1999 XB ₇₈	2001 04 06.3	13 01.05	-12 24.8	18.9	-0.86	+ 5.8	1.8/08.2	40413	1998 RX ₅₅	2001 04 06.7	13 02.87	-18 42.0	17.0	-1.02	+ 0.0	5.1/09.9	10866
4367 T-3	2001 04 06.3	13 01.07	+04 22.2	19.0	-1.01	+ 0.7	3.8/03.5	1398	1999 XV ₁₈₆	2001 04 06.8	13 02.92	-23 55.9	20.0	-0.93	+ 4.8	5.0/12.5	6264
1999 XR ₃₁	2001 04 06.3	13 01.22	+16 48.1	18.5	-0.85	+ 5.9	6.9/29.0	5666	2000 AQ ₂	2001 04 06.8	13 02.92	+00 46.6	17.5	-0.81	+ 2.4	2.1/04.6	9784
1995 UL ₄	2001 04 06.3	13 01.29	-02 19.3	17.6	-1.01	+ 3.6	1.5/05.2	9680	1988 XY ₄	2001 04 06.8	13 03.03	+06 04.1	17.6	-0.80	+ 3.1	3.6/02.9	9666
1998 SS ₁₄₆	2001 04 06.3	13 01.30	-05 00.7	16.6	-0.71	+ 7.6	0.5/05.8	10871	1999 VX ₈₆	2001 04 06.8	13 03.22	+15 57.5	18.2	-0.81	+ 6.9	8.7/29.7	10505
1988 RN ₃	2001 04 06.3	13 01.31	-04 13.6	19.4	-0.92	+ 7.3	0.8/05.6	38020	1999 XZ ₂₀	2001 04 06.8	13 03.23	-00 16.2	19.2	-1.04	+ 3.9	2.3/05.1	1547
1999 TG ₁₁₅	2001 04 06.4	13 01.40	-14 04.3	18.6	-0.97	+ 6.0	2.9/09.0	1144	1999 XZ ₆₁	2001 04 06.9	13 03.18	-08 50.6	19.4	-0.95	+ 5.4	0.7/07.6	1551
1998 SA ₆₁	2001 04 06.4	13 01.47	-04 36.6	18.2	-0.80	+ 4.3	0.6/05.8	10869	2000 AL ₇₀	2001 04 06.9	13 03.19	-02 13.1	18.8	-0.84	+ 6.1	1.4/05.4	358
2000 AC ₂₃	2001 04 06.4	13 01.63	+05 59.5	18.2	-0.84	+ 4.0	3.9/02.5	40428	4323 T-3	2001 04 06.9	13 03.19	+03 32.8	19.0	-0.91	+ 6.4	3.8/03.6	7417
1998 SP ₁₅₉	2001 04 06.4	13 01.65	-02 16.2	19.5	-0.89	+ 6.6	1.5/05.1	1052	1998 RV ₅₈	2001 04 06.9	13 03.20	-07 59.6	19.4	-0.82	+ 5.2	0.4/07.3	6217
1997 AY ₃	2001 04 06.4	13 01.71	+00 37.8	17.9	-0.92	+ 7.1	2.7/04.2	9687	1999 RV ₂₄	2001 04 06.9	13 03.20	+09 32.6	18.3	-0.93	+24.8	6.7/31.0	10364
1998 OK ₁₄	2001 04 06.4	13 01.75	+01 22.8	21.3	-0.83	+ 5.6	2.2/03.9	33079	1999 XQ ₁₇₈	2001 04 06.9	13 03.25	+15 03.5	19.6	-0.88	+ 3.9	6.3/30.8	2242
1981 EV ₄₅	2001 04 06.4	13 01.77	-11 05.5	18.5	-0.82	+ 4.7	1.5/07.9	38751	2000 AV ₁₀₂	2001 04 06.9	13 03.26	+09 21.2	17.4	-0.82	+ 4.1	6.2/01.7	10581
1999 XZ ₁₇₆	2001 04 06.4	13 01.77	+10 37.3	18.3	-0.90	+ 3.6	5.2/01.0	6980	1999 XT ₂₆₁	2001 04 06.9	13 03.31	-12 07.9	18.4	-1.04	+ 1.5	1.7/08.4	9784
1998 RE ₃₇	2001 04 06.5	13 01.71	-14 15.0	19.3	-0.76	+ 4.5	2.0/09.0	40333	1999 YT ₅	2001 04 06.9	13 03.34	-10 50.8	17.9	-1.26	+ 0.6	1.4/07.9	10943
1999 VM ₃₃	2001 04 06.5	13 01.78	-07 47.5	20.3	-0.91	+ 6.0	0.4/06.9	40393	2000 AP ₁₀₇	2001 04 06.9	13 03.38	+14 20.7	17.5	-0.76	+ 5.3	6.2/30.6	10583
1998 KC ₅₆	2001 04 06.5	13 01.80	+02 06.6	16.6	-0.85	+10.6	3.2/03.4	10857	1994 UH ₇	2001 04 06.9	13 03.42	-14 06.5	18.1	-0.80	+ 6.9	2.3/09.5	40306
1998 HF ₁₀₂	2001 04 06.5	13 01.84	-10 15.9	17.2	-0.98	+ 6.1	1.7/07.7	9707	2000 AF ₁₆₉	2001 04 06.9	13 03.44	+17 05.3	18.4	-0.81	+ 4.8	7.9/29.7	2722
1999 VD ₉₇	2001 04 06.5	13 01.86	-09 22.0	19.1	-0.97	+ 7.6	0.9/07.4	40399	1999 XX ₂₀₆	2001 04 06.9	13 03.52	+03 52.9	18.1	-0.94	+ 2.9	3.3/03.8	38859
1999 XV ₁₁	2001 04 06.5	13 01.88	-17 59.1	18.0	-1.02	+ 5.0	4.1/10.0	2694	2000 AQ ₁₇₀	2001 04 06.9	13 03.53	-19 07.0	18.9	-0.74	+ 7.3	3.6/11.4	2722
2000 CB ₃₂	2001 04 06.5	13 02.00	-12 12.6	18.2	-0.73	+ 4.1	1.4/08.4	39382	1999 XV ₁₇₂	2001 04 06.9	13 03.53	+14 21.2	18.1	-0.77	+ 3.1	5.8/31.1	40423
1999 XT ₁₅₁	2001 04 06.5	13 02.05	-18 47.0	19.1	-0.80	+ 3.9	3.6/10.5	2701	1998 RJ ₁	2001 04 06.9	13 03.55	-05 57.0	17.8	-0.73	+ 4.7	0.2/06.7	10864
1994 TH ₁₅	2001 04 06.5	13 02.10	-09 58.4	19.7	-0.77	+ 6.5	0.8/07.7	40306	1999 XC ₂₄₂	2001 04 06.9	13 03.56	-13 00.8	17.9	-0.94	+ 3.5	2.4/08.8	8194
1999 VU ₃₅	2001 04 06.5	13 02.11	-03 37.4	18.0	-0.89	+ 5.2	1.0/05.7	10923	1998 SF ₁₃₃	2001 04 06.9	13 03.60	-09 32.6	20.8	-0.72	+ 4.3	0.7/07.9	3259
1999 YB ₇	2001 04 06.5	13 02.14	+13 07.4	18.6	-0.86	+ 1.0	5.7/31.8	5683	1998 SR ₉	2001 04 07.0	13 03.62	+00 06.9	19.7	-0.83	+ 4.9	2.2/04.8	10335
1999 XP ₁₂₆	2001 04 06.6	13 02.09	-20 08.7	18.0	-0.87	+ 5.7	4.0/11.1	40419	1999 XJ ₁₀₂	2001 04 07.0	13 03.64	-08 55.0	19.0	-0.94	+ 5.6	0.7/07.7	38594
1990 SC ₈	2001 04 06.6	13 02.12	+02 35.4	19.1	-0.83	+ 6.8	2.9/03.5	38755	1999 TK ₇	2001 04 07.0	13 03.69	-07 16.6	19.5	-0.97	+ 5.0	0.2/07.2	40377
1998 OW ₆	2001 04 06.6	13 02.15	+15 32.5	19.4	-0.81	+ 7.1	6.0/29.5	38779	1998 OS ₁₂	2001 04 07.0	13 03.70	-24 13.1	19.2	-0.94	+ 3.2	5.0/12.3	40328
1999 VM ₁₇₂	2001 04 06.6	13 02.18	-10 56.4	18.0	-1.03	+ 5.4	1.6/07.9	342	1999 VK ₂₀₅	2001 04 07.0	13 03.93	-01 38.5	17.7	-0.73	+11.0	1.9/05.2	10523
1999 XK ₁₂	2001 04 06.6	13 02.21	+14 16.7	18.4	-0.85	+ 5.2	6.1/30.6	2196	1999 VE ₁₇₆	2001 04 07.0	13 03.96	+02 47.0	19.5	-0.93	+ 7.6	3.5/04.0	1539
2000 AE ₈₀	2001 04 06.6	13 02.21	-03 34.8	18.6	-0.70	+ 5.9	0.9/05.6	10945	1999 XX ₅₉	2001 04 07.1	13 03.93	+16 28.5	18.2	-0.97	+ 1.6	8.5/31.1	38143
1998 QZ ₅₅	2001 04 06.6	13 02.29	-10 51.4	18.1	-0.82	+ 4.8	1.2/08.0	40331	1999 XP ₂₀₆	2001 04 07.1	13 03.93	-13 11.6	18.5	-0.85	+ 2.7	1.8/09.0	38613
1999 TZ ₃₇	2001 04 06.6	13 02.30	-02 27.4	18.4	-0.97	+ 7.0	1.6/05.3	307	1992 UQ ₆	2001 04 07.1	13 03.95	-14 33.9	17.5	-1.03	+ 4.3	2.7/09.4	7431
4219 T-3	2001 04 06.6	13 02.37	-01 08.0	20.2	-0.96	+ 6.3	2.0/04.9	26187	1999 WX ₄	2001 04 07.1	13 03.96	-00 46.6	18.7	-0.85	+ 5.7	1.9/05.2	40401
1999 VF ₁₉	2001 04 06.6	13 02.40	-10 00.8	19.0	-0.85	+ 6.3	1.1/07.8	40390	1998 QH ₁₀₃	2001 04 07.1	13 03.97	-07 13.8	18.9	-0.98	+ 3.1	0.1/07.2	35713
1995 UX ₃	2001 04 06.6	13 02.47	-06 22.0	17.9	-0.99	+ 3.7	0.1/06.6	10832	1995 VE ₁₃	2001 04 07.1	13 04.03	-00 41.6	20.2	-0.94	+ 5.3	2.2/05.2	38452
1999 XM ₄₄	2001 04 06.6	13 02.52	-10 33.5	19.0	-0.90	+ 5.8	1.3/07.9	1550	1503 T-2	2001 04 07.1	13 04.05	-08 04.4	19.0	-0.93	+ 6.7	0.5/07.5	37342
2000 AB ₂₃₈	2001 04 06.7	13 02.53	+18 31.6	18.4	-0.90	+ 2.9	8.8/29.7	10592	2000 AJ ₁₀₂	2001 04 07.1	13 04.10	+09 57.6	18.0	-0.89	+ 4.1	5.9/01.9	2716
1999 XW ₂₅	2001 04 06.7	13 02.56	+02 09.2	20.8	-0.97	+ 5.0	3.1/04.1	5665	2000 AQ ₁₅₅	2001 04 07.1	13 04.14	-11 05.1	20.1	-0.86	+ 5.5	1.3/08.5	3495
1999 TW ₂₄₁	2001 04 06.7	13 02.56	-01 04.5	20.8	-0.92	+ 6.6	1.8/05.0	1511	4174 T-2	2001 04 07.1	13 04.19	-02 35.7	18.3	-0.77	+ 5.3	1.3/05.8	33384
1995 UL ₁₈	2001 04 06.7	13 02.60	-08 38.7	19.1	-0.88	+ 7.8	0.7/07.4	989	1999 XA ₂₈	2001 04 07.1	13 04.20	-13 42.0	18.6	-0.87	+ 6.5	2.5/09.4	5666
3097 P-L	2001 04 06.7	13 02.63	-18 40.8	16.8	-0.89	+ 4.2	4.1/10.4	38906	1998 SQ ₇₀	2001 04 07.1	13 04.20	-03 39.8	18.2	-0.76	+ 5.0	0.9/06.1	40339
2000 AN ₉₉	2001 04 06.7	13 02.66	+05 44.1	18.0	-0.93	+ 4.6	4.7/02.9	9304	4048 T-3	2001 04 07.1	13 04.26	-00 12.6	20.0	-0.82	+ 5.7	1.9/05.0	2597
1999 XV ₁₇₆	2001 04 06.7	13 02.73	-45 45.0	17.1	-1.34	+ 0.1	13.7/18.2	3476	1999 XH ₃₆	2001 04 07.1	13 04.26	+06 11.8	17.8	-0.82	+ 3.0	3.9/03.2	38837
1999 XN ₃₇	2001 04 06.7	13 02.76	-08 36.8	18.2	-1.03	+ 3.7	0.7/07.3	40410	1999 VZ ₆₂	2001 04 07.1	13 04.31	-02 52.3	20.6	-0.91	+ 4.4	1.3/06.0	1525
1998 SX ₅₃	2001 04 06.7	13 02.76	-07 04.2	18.3	-0.77	+ 7.5	0.1/06.9	37770	1999 XC ₈₅	2001 04 07.1	13 04.33	+13 03.4	17.8	-0.74	+ 4.5	5.9/31.4	10936
1999 XP ₂₂	2001 04 06.7	13 02.76	+02 57.2	18.7	-1.00	+ 4.3	3.4/03.9	2199	1999 WL ₈	2001 04 07.2	13 04.34	-04 34.8	19.1	-1.01	+ 3.3	0.8/06.6	6262
1998 OO ₃	2001 04 06.7	13 02.77	-09 01.8	18.7	-0.92	+ 6.8	0.9/07.5	10858	1999 XY ₈₆	2001 04 07.2	13 04.34	+18 21.9	17.5	-0.90	+ 4.8	8.1/29.4	10936
1999 UA ₁₆	2001 04 06.7	13 02.81	-02 04.5	19.3	-0.93	+ 5.2	1.5/05.4	1515	2000 AW ₇₈	2001 04 07.2	13 04.37	-07 47.2	20.0	-0.82	+ 6.0	0.3/07.5	2276

1999 VN ₅₅	2001 04 07.2	13 04.41	-07 15.1	19.0	-0.93	+ 6.1	0.2/07.4	4536	1999 TP ₁₀₄	2001 04 07.6	13 05.88	-11 20.1	19.7	-0.93	+ 7.2	1.5/09.0	1138
2000 BO ₂₃	2001 04 07.2	13 04.47	-09 32.7	19.4	-0.86	+ 1.9	0.7/08.0	375	2000 AB ₂₄₈	2001 04 07.6	13 05.90	-15 26.8	16.1	-1.14	- 1.2	3.5/09.6	9788
1997 HX ₇	2001 04 07.2	13 04.51	-16 55.7	17.8	-0.81	+ 9.4	3.4/10.8	38773	2000 AW ₁₅₈	2001 04 07.6	13 05.93	+10 01.9	18.3	-0.77	+ 4.2	5.1/02.0	10947
1999 XT ₁₉₂	2001 04 07.2	13 04.52	+05 49.3	18.2	-0.86	+ 1.3	4.1/03.6	1558	1999 UW ₈	2001 04 07.6	13 05.98	-09 38.0	18.4	-0.91	+ 8.4	0.9/08.5	40385
2000 AP ₈₃	2001 04 07.2	13 04.54	-01 48.5	18.0	-0.78	+ 4.9	1.5/05.6	40433	1999 VJ ₈	2001 04 07.6	13 06.03	-26 05.9	17.6	-0.91	+ 4.2	5.5/13.7	2680
1999 TA ₁₉₃	2001 04 07.2	13 04.59	-18 43.0	19.6	-1.01	+ 5.1	4.5/10.9	2130	1999 UY ₁₆	2001 04 07.6	13 06.05	-08 07.4	20.4	-1.01	+ 4.3	0.4/08.0	2676
1999 XJ ₅₁	2001 04 07.2	13 04.63	+14 48.2	19.6	-0.91	+ 2.2	6.4/31.8	40411	2000 AW ₁₀	2001 04 07.6	13 06.09	-11 59.9	17.9	-1.04	+ 4.4	1.9/09.0	5685
1999 XX ₃₅	2001 04 07.2	13 04.64	-04 38.4	18.9	-0.90	+ 6.2	0.7/06.6	37883	1999 XJ ₂₁₇	2001 04 07.6	13 06.11	-07 16.3	20.4	-0.81	+ 4.9	0.1/07.8	38860
1999 XW ₁₈₁	2001 04 07.2	13 04.66	-11 38.9	18.7	-1.03	+ 3.6	1.7/08.6	2244	1999 XK ₁₈₈	2001 04 07.6	13 06.11	-17 41.3	17.9	-1.02	+ 4.9	3.8/10.9	40424
1999 TY ₃₅	2001 04 07.2	13 04.69	-07 34.6	19.7	-0.95	+ 6.9	0.2/07.5	2113	1997 SL ₇	2001 04 07.6	13 06.16	-13 31.5	18.5	-0.88	+ 1.8	2.1/09.5	4350
1999 VZ ₇₅	2001 04 07.3	13 04.67	-03 34.0	21.9	-0.92	+ 5.4	1.1/06.3	2167	1999 VO ₁₉₄	2001 04 07.6	13 06.17	+00 40.4	18.7	-0.83	+ 7.6	2.6/05.1	2690
1999 UL ₅₁	2001 04 07.3	13 04.68	+02 56.9	19.1	-0.87	+ 5.6	3.3/04.2	2679	1998 VE ₂₈	2001 04 07.7	13 06.13	-19 29.4	19.9	-0.77	+ 5.0	3.1/11.8	10873
1999 XY ₁₂₁	2001 04 07.3	13 04.74	-14 55.5	20.3	-1.00	+ 5.4	2.8/09.8	2699	1994 TO ₄	2001 04 07.7	13 06.14	-03 23.2	18.4	-0.79	+10.4	1.2/06.4	33073
1582 T-2	2001 04 07.3	13 04.76	-06 05.4	17.3	-1.00	+ 7.2	0.3/07.1	584	1252 T-2	2001 04 07.7	13 06.17	-07 27.9	19.9	-0.88	+ 4.7	0.1/07.8	2803
1999 TC ₁₇₂	2001 04 07.3	13 04.80	-06 10.4	19.6	-0.92	+ 6.6	0.3/07.1	3449	1999 XU ₂₂	2001 04 07.7	13 06.18	+05 53.2	19.5	-0.90	+ 2.8	4.0/04.0	40406
1998 SL ₁₁₅	2001 04 07.3	13 04.89	-07 12.0	18.1	-0.84	+ 4.2	0.1/07.4	38792	4225 P-L	2001 04 07.7	13 06.29	-11 12.5	20.0	-0.77	+ 3.7	1.1/09.1	39497
1988 RB ₁	2001 04 07.3	13 04.91	-18 24.2	17.5	-0.99	+ 5.9	4.6/10.9	131	1998 QW ₁₃	2001 04 07.7	13 06.31	-10 17.3	19.2	-0.99	+ 5.7	1.2/08.7	10859
1993 LC ₁	2001 04 07.3	13 05.01	+13 11.4	18.9	-1.59	- 4.7	9.5/03.6	9673	1999 VW ₁₇	2001 04 07.7	13 06.32	-13 39.4	18.9	-0.93	+ 7.5	2.8/09.9	40390
1990 WG ₁	2001 04 07.3	13 05.03	+26 36.8	18.1	-1.04	- 0.5	11.1/28.2	10826	1995 SP ₅₃	2001 04 07.7	13 06.36	-05 49.0	19.9	-1.03	+ 4.9	0.4/07.4	6191
1998 QL ₁₁	2001 04 07.4	13 05.07	-06 38.0	18.4	-0.93	+ 5.8	0.1/07.3	38475	1998 XF ₁₃	2001 04 07.7	13 06.44	-01 10.5	18.0	-0.84	+ 4.3	1.8/05.9	8417
2000 AH ₄₈	2001 04 07.4	13 05.07	-29 38.5	19.1	-0.95	+ 4.3	7.0/14.8	40429	1998 SC ₁₄₁	2001 04 07.7	13 06.46	-07 44.2	18.2	-0.79	+ 8.0	0.2/08.0	34305
2000 AU ₅₃	2001 04 07.4	13 05.07	-08 30.0	19.4	-0.85	+ 5.1	0.5/07.9	38637	1998 RB ₅₀	2001 04 07.7	13 06.46	-04 07.2	18.6	-0.83	+ 4.1	0.9/06.9	39219
1999 XW ₁₃₃	2001 04 07.4	13 05.13	-07 11.4	17.8	-0.87	+ 1.8	0.1/07.5	10939	1998 SG ₅₇	2001 04 07.8	13 06.46	-05 33.9	18.0	-0.81	+ 4.3	0.5/07.3	38790
2000 AW ₁₀₄	2001 04 07.4	13 05.13	-09 08.4	19.5	-0.90	+ 7.8	0.8/08.2	2289	1999 XK ₁	2001 04 07.8	13 06.49	+10 16.3	16.8	-0.84	+ 5.9	5.8/01.9	10932
1998 SE ₂₂	2001 04 07.4	13 05.15	-07 41.1	18.5	-0.87	+ 6.4	0.3/07.7	35716	1999 UX ₉	2001 04 07.8	13 06.50	-38 10.1	20.0	-1.09	+ 6.9	9.6/19.3	38811
1999 XX ₉₇	2001 04 07.4	13 05.21	-05 16.7	18.6	-0.98	+ 5.2	0.6/06.9	2698	2000 CV ₂₇	2001 04 07.8	13 06.50	-06 39.3	18.0	-0.72	+ 4.6	0.1/07.7	3507
1999 XU ₂₀₂	2001 04 07.4	13 05.22	-23 48.8	18.7	-0.84	+ 3.0	4.8/12.9	40425	1999 XY ₂₂₅	2001 04 07.8	13 06.52	-20 14.0	18.0	-0.82	+ 4.1	4.0/12.0	2704
1998 SH ₄₉	2001 04 07.4	13 05.25	-08 26.8	17.5	-0.82	+10.2	0.5/08.0	9719	1992 UJ ₁	2001 04 07.8	13 06.56	-11 08.1	19.1	-0.95	+ 8.0	1.4/09.0	1879
1992 UC ₆	2001 04 07.4	13 05.26	-15 10.0	17.9	-0.94	+ 7.6	2.9/10.1	40300	1998 QP ₁₀₀	2001 04 07.8	13 06.56	-02 13.6	18.4	-0.84	+ 3.9	1.5/06.3	38785
1999 XC ₁₃₇	2001 04 07.4	13 05.31	-20 52.2	20.1	-0.93	+ 5.7	4.1/12.0	40419	2000 AG ₁₂₀	2001 04 07.8	13 06.57	+06 30.5	17.8	-0.72	+ 6.1	4.0/03.1	9786
1991 LV ₄	2001 04 07.4	13 05.31	-05 02.7	18.6	-0.94	+ 7.3	0.7/06.9	9668	1999 XG ₂₂₄	2001 04 07.8	13 06.60	-09 01.7	18.8	-0.82	+ 4.9	0.6/08.4	2704
1999 WE ₈	2001 04 07.4	13 05.32	-02 27.9	19.9	-0.96	+ 5.7	1.5/06.1	8463	2000 CF ₂₁	2001 04 07.8	13 06.61	-08 35.2	19.5	-0.80	+ 5.5	0.4/08.3	40448
2000 AA ₁₀₅	2001 04 07.4	13 05.32	-02 57.4	19.4	-0.75	+ 6.0	1.2/06.1	10945	1998 UD ₂₈	2001 04 07.8	13 06.63	+10 30.9	19.9	-0.92	0.0	4.6/03.0	34594
1998 SC ₁₇	2001 04 07.4	13 05.35	-03 55.7	19.3	-0.74	+ 4.6	0.8/06.5	10867	1996 HY ₁₇	2001 04 07.8	13 06.65	-04 23.0	19.3	-0.74	+ 4.9	0.7/07.0	39526
1999 XJ ₁₆	2001 04 07.4	13 05.40	-37 06.3	19.7	-1.04	+ 8.6	9.8/19.0	38133	1999 TF ₁₅₈	2001 04 07.8	13 06.68	-11 33.7	19.8	-0.99	+ 4.5	1.5/09.2	665
1999 YA ₉	2001 04 07.4	13 05.41	+09 49.6	17.7	-0.77	+ 4.5	4.9/01.9	10943	1999 VM ₁₀₁	2001 04 07.8	13 06.70	-02 25.6	21.7	-0.91	+ 4.6	1.6/06.4	4949
2000 AN ₁₃₉	2001 04 07.4	13 05.42	+00 48.8	17.8	-0.92	+ 6.9	2.9/05.0	1564	1999 BN ₅	2001 04 07.8	13 06.76	+00 23.2	19.0	-0.81	+ 5.8	2.0/05.4	10876
1998 RZ ₆₃	2001 04 07.4	13 05.44	-01 54.7	18.6	-0.77	+ 4.9	1.5/05.9	37756	1995 SU ₅	2001 04 07.8	13 06.82	-08 35.6	17.4	-0.78	+10.6	0.7/08.4	36517
1998 RF ₄₆	2001 04 07.5	13 05.41	-12 08.8	17.5	-0.88	+ 4.9	1.9/09.0	10865	2000 AF ₁₉₂	2001 04 07.9	13 06.87	+06 34.7	18.2	-0.67	+ 7.9	3.9/02.9	10948
1997 HM ₁₁	2001 04 07.5	13 05.46	-09 20.7	17.8	-0.89	+ 4.5	0.9/08.2	35700	2000 DZ ₉₃	2001 04 07.9	13 06.92	-12 07.9	18.7	-0.80	+ 3.4	1.4/09.4	5709
2000 AM ₁₈₉	2001 04 07.5	13 05.46	-11 38.4	19.0	-0.81	+ 8.0	1.4/09.1	6992	2000 AD ₂₃₁	2001 04 07.9	13 06.96	+14 03.9	17.6	-0.70	+ 7.7	6.3/30.8	10591
1998 VB ₃	2001 04 07.5	13 05.50	-08 24.3	18.1	-0.80	+ 4.6	0.4/08.0	1983	1991 VE ₃	2001 04 07.9	13 06.97	+00 02.9	18.5	-0.88	+ 5.5	2.2/05.7	40298
2001 CB ₃₆	2001 04 07.5	13 05.51	-04 41.0	16.1	-1.05	- 0.3	1.1/07.0	10783	1998 RJ ₆₀	2001 04 07.9	13 07.05	-16 41.4	19.1	-0.95	+ 3.0	2.9/10.7	38495
1999 OK ₂	2001 04 07.5	13 05.54	-42 18.9	18.1	-1.41	+ 0.9	15.5/18.3	1446	1998 SG ₆₀	2001 04 07.9	13 07.06	-03 23.4	17.6	-0.73	+ 4.3	1.0/06.7	10869
1999 VC ₅	2001 04 07.5	13 05.58	-03 37.5	18.9	-0.92	+ 4.2	1.1/06.6	40388	1997 HN ₁₃	2001 04 07.9	13 07.08	-03 54.4	21.0	-0.83	+ 6.5	1.1/06.9	9057
2000 EX ₁₄	2001 04 07.5	13 05.63	-12 36.2	19.1	-0.67	+ 2.6	1.4/09.3	5713	1998 RR ₇₂	2001 04 07.9	13 07.10	-03 55.9	18.3	-0.77	+ 5.2	0.9/06.9	38788
1999 TQ ₁₇	2001 04 07.5	13 05.64	-07 45.4	18.6	-0.95	+ 5.8	0.3/07.8	40379	1999 WW ₈	2001 04 07.9	13 07.14	+17 17.6	17.8	-0.83	+ 1.9	7.3/31.5	10527
1999 WG ₈	2001 04 07.5	13 05.70	-00 23.1	18.4	-0.99	+ 5.4	2.3/05.6	2188	1999 XK ₁₂₁	2001 04 07.9	13 07.17	-06 17.8	18.4	-0.95	+ 5.0	0.3/07.7	40418
1997 FT ₁	2001 04 07.5	13 05.78	+12 47.4	18.6	-0.84	+ 5.1	6.1/01.0	40315	1992 PP ₁	2001 04 07.9	13 07.19	-14 03.7	18.0	-1.02	+ 6.1	2.8/10.1	8373
1998 QM ₂₃	2001 04 07.6	13 05.79	-19 40.7	19.3	-0.93	+ 2.7	3.8/11.4	10860	2000 AX ₃₆	2001 04 07.9	13 07.21	-05 01.0	18.2	-0.88	+ 4.4	0.7/07.3	8196
1999 XZ ₉	2001 04 07.6	13 05.88	+00 57.6	20.9	-0.95	+ 4.9	2.6/05.2	6262	1996 GV ₁₇	2001 04 07.9	13 07.22	-11 05.9	17.7	-0.72	+ 8.4	1.2/09.4	9682

1998 SO ₆₁	2001 04 07.9	13 07.25 -12 28.8 16.9	-0.83 + 5.2	1.8/09.7	8415	1984 CE	2001 04 08.4	13 09.01 +13 45.7 18.8	-0.87 + 4.6	6.2/01.7	1405
1999 VO ₃₇	2001 04 07.9	13 07.26 +14 29.5 18.3	-0.97 + 1.5	7.4/01.7	40393	2000 AC ₁₃₁	2001 04 08.4	13 09.01 -04 40.0 19.1	-0.72 + 4.7	0.7/07.6	10946
1992 WC ₉	2001 04 08.0	13 07.25 +01 35.1 17.3	-1.02 + 3.2	3.4/05.6	9672	1999 XJ ₆₆	2001 04 08.4	13 09.05 +04 26.7 19.2	-0.89 + 3.6	3.9/04.9	2697
1998 WO ₂₂	2001 04 08.0	13 07.37 +00 35.5 17.7	-0.95 + 4.8	2.6/05.7	38537	4517 P-L	2001 04 08.4	13 09.06 -09 19.1 16.8	-1.06 + 3.5	0.7/09.0	11064
2000 AX ₉₉	2001 04 08.0	13 07.37 -07 44.6 18.8	-0.86 + 6.6	0.2/08.2	361	1999 WQ ₁	2001 04 08.4	13 09.06 +22 08.3 17.9	-0.89 + 3.7	9.0/29.9	10931
2000 AD ₁₁₈	2001 04 08.0	13 07.38 -16 52.0 17.0	-0.73 + 5.8	2.9/11.3	9786	1999 VN ₂₂	2001 04 08.4	13 09.09 -12 16.3 19.1	-0.96 + 6.0	1.6/10.0	38105
2000 AR ₅₆	2001 04 08.0	13 07.47 +05 13.1 18.1	-0.75 + 4.5	3.5/04.0	38641	1999 RD ₁₆₅	2001 04 08.4	13 09.11 -14 33.9 19.3	-1.03 + 5.4	2.6/10.7	1461
1999 TR ₂₃₉	2001 04 08.0	13 07.56 +06 53.2 18.7	-0.89 + 4.5	5.4/03.7	10460	2048 P-L	2001 04 08.5	13 09.13 -14 02.4 17.1	-0.91 + 3.5	2.9/10.5	9932
1999 XD ₃	2001 04 08.0	13 07.58 -10 37.9 18.6	-0.89 + 8.4	1.2/09.2	40403	1999 XL ₄₈	2001 04 08.5	13 09.20 -05 33.5 19.8	-0.91 + 5.9	0.6/08.0	1550
2000 AE ₁₀₁	2001 04 08.0	13 07.61 +14 14.5 18.6	-0.88 + 3.3	6.4/01.5	1562	1999 UN ₁₂	2001 04 08.5	13 09.21 -13 06.2 19.1	-0.92 + 5.5	1.9/10.3	38095
1999 XM ₄	2001 04 08.1	13 07.57 -05 59.8 18.9	-0.91 + 6.3	0.4/07.7	40403	1999 XC ₁₁	2001 04 08.5	13 09.22 -07 31.5 19.5	-0.94 + 3.9	0.1/08.6	1546
1999 TQ ₂₉₁	2001 04 08.1	13 07.64 +04 21.4 17.0	-0.99 + 3.7	5.5/04.7	10917	1999 TL ₃₅	2001 04 08.5	13 09.23 -16 11.3 17.8	-1.66 - 5.6	4.3/09.9	10426
1999 VG ₁₇₄	2001 04 08.1	13 07.73 +00 30.9 18.2	-0.87 + 2.3	2.1/05.9	10517	1999 XJ ₄₈	2001 04 08.5	13 09.25 +03 58.4 18.1	-0.89 + 3.6	4.6/05.1	9778
2000 AF ₁₂₅	2001 04 08.1	13 07.89 -25 21.0 18.9	-0.92 + 4.8	5.6/13.9	3494	1999 XQ ₂₂₉	2001 04 08.5	13 09.29 -10 48.6 20.6	-0.95 + 3.8	1.1/09.6	2705
1999 VK ₃₇	2001 04 08.1	13 07.91 -11 42.4 17.9	-0.82 + 6.1	1.5/09.7	38110	2000 AW ₁₇₃	2001 04 08.5	13 09.36 +06 12.6 18.4	-0.79 + 5.9	4.0/04.1	2722
1999 XG ₁₆₈	2001 04 08.1	13 08.01 -08 22.1 19.3	-0.95 + 5.2	0.4/08.5	40422	1998 UD ₁₇	2001 04 08.5	13 09.36 -19 17.7 18.1	-0.77 + 5.2	3.5/12.6	39269
1998 UU ₂₈	2001 04 08.2	13 07.93 +07 21.2 18.1	-0.78 + 3.3	4.0/03.6	39545	1981 UU ₂₂	2001 04 08.5	13 09.38 +06 39.0 17.8	-0.78 + 3.0	4.1/04.2	9664
2000 AW ₁₂₀	2001 04 08.2	13 07.94 +03 44.1 18.9	-0.69 + 6.3	3.0/04.4	5691	1189 T-2	2001 04 08.5	13 09.38 -12 14.8 20.3	-0.99 + 4.4	1.6/10.0	39501
1999 WB ₁₁	2001 04 08.2	13 07.95 -01 59.8 20.1	-0.95 + 5.3	1.7/06.6	40402	1999 TO ₁₈₀	2001 04 08.5	13 09.39 -04 46.2 18.4	-0.95 + 7.6	1.0/07.7	1502
6794 P-L	2001 04 08.2	13 07.99 -00 52.0 17.3	-0.91 + 6.4	2.7/06.2	2584	1998 QF ₈₈	2001 04 08.5	13 09.44 -28 20.4 17.2	-1.00 + 1.6	8.3/14.9	10863
2000 AL ₁₅₁	2001 04 08.2	13 08.00 +04 53.8 18.1	-1.03 + 3.7	4.5/04.8	10585	1999 SD ₃	2001 04 08.5	13 09.48 -50 12.5 19.4	-1.47 - 0.3	12.4/23.8	38806
1998 UU ₄₀	2001 04 08.2	13 08.02 -08 44.9 19.0	-0.80 + 4.9	0.4/08.7	38796	1998 UL ₃₀	2001 04 08.6	13 09.40 +11 13.3 18.3	-0.77 + 3.6	5.3/02.5	9721
2000 AA ₁₈₇	2001 04 08.2	13 08.08 +04 57.7 18.3	-0.82 + 6.1	3.7/04.2	40442	1995 QP ₃	2001 04 08.6	13 09.46 -04 34.5 18.5	-1.00 + 4.4	1.0/07.8	40308
1999 XR ₁₇₃	2001 04 08.2	13 08.12 -25 08.2 18.4	-0.91 + 4.2	5.2/14.0	39333	1123 T-3	2001 04 08.6	13 09.47 -16 14.3 18.5	-0.86 + 2.8	2.8/11.2	39504
1998 QX ₆	2001 04 08.2	13 08.15 -29 57.1 18.5	-1.13 + 2.2	8.5/14.6	38780	2000 AM ₁₀₂	2001 04 08.6	13 09.50 -07 21.4 19.1	-0.96 + 8.1	0.0/08.6	2717
1982 ST ₇	2001 04 08.2	13 08.16 -11 48.1 19.0	-0.88 + 4.6	1.3/09.7	39512	1999 VY ₁₈₄	2001 04 08.6	13 09.55 -04 46.6 17.3	-0.85 + 9.1	1.1/07.7	1541
1998 RB ₅	2001 04 08.2	13 08.21 -10 13.6 19.3	-0.82 + 4.5	0.8/09.2	1962	1999 TE ₉₄	2001 04 08.6	13 09.60 -03 15.3 17.8	-1.10 + 3.0	1.7/07.5	9757
1999 XB ₁₇₉	2001 04 08.2	13 08.21 +16 34.9 17.6	-0.78 + 2.5	6.6/31.4	10941	2000 DN ₈₄	2001 04 08.6	13 09.62 -17 38.9 18.8	-0.78 + 3.3	2.8/11.9	2753
1999 VV ₄₈	2001 04 08.2	13 08.26 -16 02.9 18.1	-1.00 + 6.0	3.5/11.0	40395	1999 XE ₁₇₉	2001 04 08.6	13 09.63 +09 25.4 18.5	-0.77 + 3.7	4.6/03.2	38607
1998 KB ₅	2001 04 08.2	13 08.30 -15 31.2 17.8	-0.99 + 7.3	3.6/10.9	38051	2000 AU ₁₃₉	2001 04 08.6	13 09.68 -04 33.6 18.1	-0.89 + 9.3	1.1/07.7	2301
2000 DY ₁₀₇	2001 04 08.2	13 08.35 +08 48.7 18.6	-0.72 + 4.6	3.9/02.8	2391	2000 DG ₈₀	2001 04 08.6	13 09.73 -18 04.5 18.0	-0.83 + 2.2	2.9/11.8	3521
1990 HZ ₁	2001 04 08.3	13 08.30 +15 25.6 17.3	-0.72 + 5.7	7.4/31.2	10825	1998 SH ₄₃	2001 04 08.6	13 09.73 -06 24.6 18.8	-0.88 + 1.1	0.3/08.4	5501
2000 DV ₄₂	2001 04 08.3	13 08.39 -36 56.4 18.5	-1.01 + 0.3	7.3/17.2	712	1999 RW ₂₁₁	2001 04 08.6	13 09.76 -15 41.2 18.3	-0.95 + 7.9	3.3/11.4	10900
2000 AD ₁₈₇	2001 04 08.3	13 08.40 +19 27.6 18.0	-0.87 + 4.4	9.2/30.2	2723	1999 XR ₁₀₈	2001 04 08.6	13 09.76 -11 57.8 20.5	-0.96 + 6.1	1.6/10.1	6263
1999 VR ₁₉	2001 04 08.3	13 08.41 -07 52.2 18.8	-0.97 + 7.0	0.2/08.5	3455	1999 UA ₄₃	2001 04 08.6	13 09.77 -14 37.1 19.0	-0.98 + 5.3	2.6/10.9	2677
1999 XJ ₃₀	2001 04 08.3	13 08.45 -01 39.2 19.0	-0.93 + 6.8	1.9/06.5	38136	1999 ST ₅	2001 04 08.6	13 09.84 -02 55.5 18.3	-1.35 - 2.0	1.7/07.8	2657
1998 UO ₂	2001 04 08.3	13 08.47 -03 34.5 17.7	-1.02 + 0.5	1.4/07.4	9721	1999 XY ₃₇	2001 04 08.7	13 09.79 +03 09.4 18.6	-0.97 + 4.4	3.7/05.5	7516
1999 XH ₁₀₃	2001 04 08.3	13 08.52 -11 54.9 18.0	-0.99 + 5.2	1.7/09.7	38846	1998 SZ ₁₁₇	2001 04 08.7	13 09.90 -10 25.6 17.7	-0.91 + 3.1	1.0/09.6	38792
1998 QQ ₃	2001 04 08.3	13 08.53 -44 49.7 20.4	-1.20 + 0.2	9.5/20.2	40329	1999 XX ₉₃	2001 04 08.7	13 10.09 +14 08.5 19.2	-0.76 + 4.1	5.5/01.6	1553
1998 RZ ₄₈	2001 04 08.3	13 08.64 -07 07.1 20.1	-0.80 + 5.5	0.0/08.3	38786	1999 XB ₄₃	2001 04 08.7	13 10.12 -06 08.9 19.9	-0.97 + 5.1	0.4/08.4	10935
1999 TO ₃₈	2001 04 08.3	13 08.68 -03 42.0 17.6	-0.90 + 8.8	1.5/07.2	9756	3039 T-2	2001 04 08.7	13 10.15 -01 20.7 20.3	-0.84 + 6.4	2.0/06.8	27928
1999 WV ₈	2001 04 08.3	13 08.70 -03 09.9 19.0	-0.85 + 6.1	1.3/07.1	40402	1999 TV ₁₁₉	2001 04 08.7	13 10.18 -11 16.2 17.9	-1.04 + 5.4	1.6/09.9	1488
1999 XE ₁₀	2001 04 08.3	13 08.76 -17 57.6 17.7	-1.03 + 3.9	4.2/11.5	38832	1999 XK ₂₀₆	2001 04 08.8	13 10.14 -02 10.2 17.9	-0.83 + 2.1	1.5/07.3	2703
1999 XV ₈₄	2001 04 08.4	13 08.66 -05 19.3 18.6	-0.73 + 4.9	0.5/07.8	1552	1999 WD ₅	2001 04 08.8	13 10.15 -22 10.2 17.7	-0.85 + 6.9	4.5/13.9	2187
1993 TJ ₂₇	2001 04 08.4	13 08.70 -03 20.1 18.2	-0.71 + 7.8	1.2/07.0	38761	1999 RF ₁₄	2001 04 08.8	13 10.15 -31 02.9 18.1	-1.37 + 0.5	8.5/15.2	40355
1999 XC ₂₆	2001 04 08.4	13 08.73 -03 36.2 19.8	-0.95 + 5.7	1.2/07.3	40407	1999 XB ₁₈₁	2001 04 08.8	13 10.18 -15 46.4 17.9	-0.92 + 3.4	2.8/11.3	1558
1999 TC ₂₅	2001 04 08.4	13 08.77 -10 04.7 20.3	-0.95 + 4.2	0.9/09.2	1473	1999 XX ₈₂	2001 04 08.8	13 10.19 -19 16.5 17.6	-0.77 + 5.8	3.6/12.8	9779
2203 P-L	2001 04 08.4	13 08.82 -09 32.5 18.0	-0.88 + 9.0	0.9/09.2	3834	1999 XE ₅₆	2001 04 08.8	13 10.23 -14 47.0 18.3	-0.86 + 6.8	2.6/11.2	37898
1998 SY ₇₀	2001 04 08.4	13 08.90 -03 01.0 17.7	-0.71 + 7.3	1.3/07.0	39245	1997 CB ₂₆	2001 04 08.8	13 10.27 -16 53.1 17.2	-1.02 + 4.3	3.6/11.6	9689
1998 WW ₃₆	2001 04 08.4	13 08.92 -02 58.0 19.8	-0.95 + 4.1	1.5/07.2	10874	1999 VL ₁₆₆	2001 04 08.8	13 10.28 -07 17.3 21.2	-0.90 + 4.4	8.1/29.0	8462
1998 RC ₅₃	2001 04 08.4	13 08.95 -07 15.2 18.6	-0.83 + 4.4	0.0/08.4	38059	1998 QJ ₅₃	2001 04 08.8	13 10.31 -16 43.6 18.8	-0.93 + 4.0	2.9/11.6	38783