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EDITORIAL NOTICE

The Minor Planet Center is pleased to acknowledge an anonymous donation.

The page numbers for the May 26 *MPS* batch repeated those used on Apr. 28.

Since the references on the observation records do in fact agree with the printed page numbers, we propose to leave this error uncorrected.

ERRATA

MPC	Line	
41940	11	<i>For</i> Patagonia <i>read</i> Patagonia
45046	28	The entry 2001 XY ₉₇ , 2, 1, 0; should be transferred from (2) to (1). The 1997 01 16 observations of 2001 XY ₉₇ on <i>MPS</i> 52406 should have note 1, rather than note 2.
45046	31	The entry 2002 EG *, 8, 2, 2; under (2) should be replaced by 2002 EG *, 5, 1, 0; under (1) and 2002 EG, 3, 1, 0; under (2). The 2002 03 02 observations of 2002 EG on <i>MPS</i> 52802 should have note 1, rather than note 2.
45231	-24	<i>For</i> (6533) Guiseppina <i>read</i> (6533) Giuseppina
45231	-22	<i>For</i> Guiseppina <i>read</i> Giuseppina
45667	-33	<i>For</i> Dalsanti, A. <i>read</i> Delsanti, A.

NEW OBSERVATORY CODES

The following listing is a continuation to that on *MPC* 45417. 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	$\rho \cos \phi'$	$\rho \sin \phi'$	
A52	18.7553	0.67756	+0.73304	Etyek
G75	243.2783	0.8351	+0.5487	Starry Knight Observatory, Coto de Caza
H77	279.7653	0.89877	+0.43695	Buehler Observatory
I30	299.3417	0.83966	-0.54131	Observatorio Geminis Austral
I31	299.3649	0.83995	-0.54086	Observatorio Astronómico del Colegio Cristo Rey

J95 358.5531 0.62415 +0.77871 Great Shefford
J98 359.5344 0.77275 +0.63259 Observatorio Manises

CORRECTED OBSERVATIONS

The following observations correct those previously published.

Object	Date	UT	α_{2000}	δ_{2000}	Reference	Mag.	Obs.
1991 VE	1954 11 24.22083	02 01 59.19	+08 11 19.4	<i>MPS</i> 5822		261	
1991 VE	1954 11 24.25208	02 01 53.45	+08 11 24.6	<i>MPS</i> 5822		261	
2000 QA ₄₇	2000 08 09.43422	22 41 49.78	-10 24 23.9	<i>MPS</i> 51793	20.7 V	691	
2002 JC ₅₀	2002 05 11.29208	15 13 48.71	-21 06 31.2	<i>MPS</i> 55373		704	
2002 JC ₅₀	2002 05 11.30665	15 13 47.79	-21 06 30.0	<i>MPS</i> 55373		704	
2002 JC ₅₀	2002 05 11.32122	15 13 46.93	-21 06 28.7	<i>MPS</i> 55373		704	
2002 JC ₅₀	2002 05 11.35043	15 13 45.19	-21 06 27.2	<i>MPS</i> 55373		704	

DELETED OBSERVATIONS

The following observations are to be deleted.

Object	Date	UT	α_{2000}	δ_{2000}	Reference	Obs.
2000 PB ₃₂	* 2000 08 01.33467	22 34 16.73	-19 33 37.6	<i>MPC</i> 44684	704	
2000 PB ₃₂	2000 08 01.34920	22 34 16.08	-19 33 40.8	<i>MPC</i> 44684	704	
2000 PB ₃₂	2000 08 01.36412	22 34 15.35	-19 33 45.7	<i>MPC</i> 44684	704	
2000 PB ₃₂	2000 08 01.37870	22 34 14.79	-19 33 49.6	<i>MPC</i> 44684	704	
2000 QC ₂₄₃	1994 08 27.51161	21 07 24.07	-26 34 27.4	<i>MPS</i> 33310	260	
2000 QC ₂₄₃	1994 08 27.55675	21 07 23.59	-26 34 28.0	<i>MPS</i> 33310	260	
2002 HE ₁₄	* 2002 04 21.99510	16 07 44.11	-14 39 06.0	<i>MPC</i> 45422	946	
2002 HE ₁₄	2002 04 22.00170	16 07 43.99	-14 39 03.8	<i>MPC</i> 45422	946	
2002 HE ₁₄	2002 04 22.00392	16 07 43.96	-14 39 03.1	<i>MPC</i> 45422	946	
2002 HE ₁₄	2002 04 22.00611	16 07 43.91	-14 39 02.4	<i>MPC</i> 45422	946	

IDENTIFICATION CHANGES

Continuation to *MPC* 45421.

Object	Date	UT	α_{2000}	δ_{2000}	Originally	Mag.	N Obs.
1981 CO ₁	* 1981 02 02.70943	12 03 12.58	+00 13 53.9	1981 ED ₂₃		413	

1992 BG ₆	*	1992 01 31.31685	09 18 06.32	+21 48 42.2	1999 JU ₁	20.9 V	691	2000 WJ ₁₉₅	*	2000 11 27.22242	03 32 52.89	+14 25 13.6	2000 UG ₄₈	19.0	704
1992 BG ₆		1992 01 31.34688	09 18 04.40	+21 48 52.3	1999 JU ₁		691	2000 WJ ₁₉₅		2000 11 27.23682	03 32 52.04	+14 25 11.7	2000 UG ₄₈	19.6	704
1992 BG ₆		1992 01 31.37687	09 18 02.39	+21 49 01.0	1999 JU ₁		691	2000 WJ ₁₉₅		2000 11 27.26566	03 32 50.37	+14 25 06.8	2000 UG ₄₈	19.2	704
1992 CV ₈	*	1992 02 06.13125	07 29 02.44	+15 30 15.0	1992 BW ₂		809	2000 WJ ₁₉₅		2000 11 27.27791	03 32 49.78	+14 25 05.8	2000 UG ₄₈	19.5	704
1992 CV ₈		1992 02 06.14444	07 29 01.89	+15 30 17.3	1992 BW ₂		809	2000 WJ ₁₉₅		2000 11 27.28009	03 32 49.52	+14 25 04.8	2000 UG ₄₈	19.0	704
1992 CV ₈		1992 02 06.15764	07 29 01.50	+15 30 20.3	1992 BW ₂		809	2000 WJ ₁₉₅		2000 11 27.29557	03 32 48.70	+14 25 02.3	2000 UG ₄₈	19.1	704
1996 KW ₉	*	1996 05 23.18681	14 44 00.36	-13 20 00.4	1996 KZ ₈	18.8	809	2000 WJ ₁₉₅		2000 11 27.31391	03 32 47.43	+14 24 59.6	2000 UG ₄₈	19.2	704
1996 KW ₉		1996 05 23.20000	14 43 59.50	-13 19 56.8	1996 KZ ₈		809	2000 WJ ₁₉₅		2000 11 27.33463	03 32 46.23	+14 24 56.5	2000 UG ₄₈	19.4	704
1996 KW ₉		1996 05 23.21319	14 43 58.94	-13 19 56.5	1996 KZ ₈		809	2001 FP ₁₉₄	*	2001 03 24.35671	12 22 57.78	+14 43 32.3	2001 FF ₁₇₉	20.4	608
1998 MK ₄₉	*	1998 06 24.15099	16 34 59.28	-16 19 17.1	1999 TJ ₂₄₃	18.5	704	2001 FP ₁₉₄		2001 03 24.36722	12 22 57.21	+14 43 35.1	2001 FF ₁₇₉	20.2	608
1998 MK ₄₉		1998 06 24.16927	16 34 58.53	-16 19 12.5	1999 TJ ₂₄₃	19.1	704	2001 FP ₁₉₄		2001 03 24.37857	12 22 56.70	+14 43 37.2	2001 FF ₁₇₉	20.2	608
1998 MK ₄₉		1998 06 24.18772	16 34 57.86	-16 19 07.8	1999 TJ ₂₄₃	18.8	704	2001 FQ ₁₉₄	*	2001 03 24.35671	12 22 58.44	+14 42 47.8	2001 FG ₁₇₉	20.3	608
1998 MK ₄₉		1998 06 24.20600	16 34 57.10	-16 19 03.2	1999 TJ ₂₄₃	18.8	704	2001 FQ ₁₉₄		2001 03 24.36722	12 22 57.93	+14 42 50.9	2001 FG ₁₇₉	19.7	608
1998 MK ₄₉		1998 06 24.22428	16 34 56.01	-16 18 56.2	1999 TJ ₂₄₃	19.5	704	2001 FQ ₁₉₄		2001 03 24.37857	12 22 57.37	+14 42 53.8	2001 FG ₁₇₉	19.8	608
1998 UC ₄₉	*	1998 10 27.43692	03 01 43.48	+14 05 47.0	1998 YK ₃₀	18.9 V	691	2001 LR ₁₉	*	2001 06 14.17563	15 46 56.82	+03 45 45.1	2001 KC ₇₆	18.2 R	699
1998 UC ₄₉		1998 10 27.45869	03 01 42.37	+14 05 42.0	1998 YK ₃₀	18.9 V	691	2001 LR ₁₉		2001 06 14.20769	15 46 55.58	+03 45 46.5	2001 KC ₇₆		699
1998 UC ₄₉		1998 10 27.48048	03 01 41.25	+14 05 36.7	1998 YK ₃₀	18.9 V	691	2001 LR ₁₉		2001 06 14.23982	15 46 54.37	+03 45 47.3	2001 KC ₇₆		699
1998 VL ₅₆	*	1998 11 11.07739	02 03 21.50	+17 03 14.7	4079 P-L	18.2	704	2001 LR ₁₉		2001 06 14.27207	15 46 53.09	+03 45 48.3	2001 KC ₇₆		699
1998 VL ₅₆		1998 11 11.09916	02 03 20.47	+17 03 04.5	4079 P-L	18.2	704	2001 LR ₁₉		2001 06 20.41865	15 43 47.13	+03 41 07.0	2001 KC ₇₆	19.5	608
1998 VL ₅₆		1998 11 11.12136	02 03 19.37	+17 02 55.0	4079 P-L	17.8	704	2001 LR ₁₉		2001 06 20.42961	15 43 46.84	+03 41 05.6	2001 KC ₇₆	19.5	608
1998 VL ₅₆		1998 11 11.14312	02 03 18.26	+17 02 45.7	4079 P-L	18.4	704	2001 LR ₁₉		2001 06 20.44107	15 43 46.53	+03 41 04.7	2001 KC ₇₆	19.5	608
1998 VL ₅₆		1998 11 11.16486	02 03 17.21	+17 02 35.3	4079 P-L	18.7	704	2001 QK ₃₂₅	*	2001 08 27.34300	00 42 01.77	+14 14 40.0	2001 TX ₁₃₄	19.8	644
1998 VO ₅₆	*	1998 11 14.42458	03 28 02.79	+18 44 00.7	2000 EQ ₃₄	19.7 V	691	2001 QK ₃₂₅		2001 08 27.35314	00 42 01.47	+14 14 40.6	2001 TX ₁₃₄	19.8	644
1998 VO ₅₆		1998 11 14.44703	03 28 01.35	+18 44 00.2	2000 EQ ₃₄	20.7 V	691	2001 QK ₃₂₅		2001 08 27.36447	00 42 01.20	+14 14 40.7	2001 TX ₁₃₄	19.7	644
1998 WA ₄₄	*	1998 11 21.31499	03 01 21.60	+16 38 25.4	1998 VU ₄₇	20.7 V	691	2001 QK ₃₂₇	*	2001 08 27.37169	00 51 32.16	+03 48 39.1	2001 ST ₄₂	19.7	644
1998 WA ₄₄		1998 11 21.34134	03 01 20.15	+16 38 21.1	1998 VU ₄₇	20.7 V	691	2001 QK ₃₂₇		2001 08 27.38229	00 51 31.84	+03 48 38.4	2001 ST ₄₂	19.7	644
1998 WA ₄₄		1998 11 21.37535	03 01 18.32	+16 38 14.6	1998 VU ₄₇	20.5 V	691	2001 QK ₃₂₇		2001 08 27.39457	00 51 31.47	+03 48 37.7	2001 ST ₄₂	19.9	644
1999 AC ₃₉	*	1999 01 07.31131	08 14 11.31	+18 20 20.6	2000 GD ₇₃	20.2 V	691	2001 UN ₂₁₈	*	2001 10 24.16369	00 07 01.13	-01 46 29.2	2001 SQ ₂₁₃	19.8	704
1999 AC ₃₉		1999 01 07.33341	08 14 09.95	+18 20 23.4	2000 GD ₇₃	20.2 V	691	2001 UN ₂₁₈		2001 10 24.18022	00 07 00.45	-01 46 29.7	2001 SQ ₂₁₃	19.6	704
1999 AC ₃₉		1999 01 07.35571	08 14 08.65	+18 20 27.0	2000 GD ₇₃	20.6 V	691	2001 UN ₂₁₈		2001 10 24.19679	00 06 59.85	-01 46 27.9	2001 SQ ₂₁₃	20.0	704
1999 AD ₃₉	*	1999 01 11.43088	09 14 06.48	+14 30 51.8	2001 TX ₁₃₄	20.2 V	691	2001 UN ₂₁₈		2001 10 24.21334	00 06 59.26	-01 46 28.0	2001 SQ ₂₁₃	20.1	704
1999 AD ₃₉		1999 01 11.45243	09 14 05.31	+14 30 52.7	2001 TX ₁₃₄	20.2 V	691	2001 VV ₁₂₃	*	2001 11 12.23085	00 48 59.92	+18 42 29.3	2001 UZ ₂₃	19.2	704
1999 AD ₃₉		1999 01 11.47394	09 14 04.15	+14 30 53.9	2001 TX ₁₃₄	19.8 V	691	2001 VV ₁₂₃		2001 11 12.24601	00 48 59.62	+18 42 20.5	2001 UZ ₂₃	19.3	704
1999 PS ₈	*	1999 08 12.33325	21 13 55.94	-16 09 48.1	1999 PC ₃	19.8 V	691	2001 VV ₁₂₃		2001 11 12.26178	00 48 59.28	+18 42 09.8	2001 UZ ₂₃	19.4	704
1999 PS ₈		1999 08 12.35534	21 13 54.51	-16 09 52.7	1999 PC ₃	19.8 V	691	2001 WE ₉₆	*	2001 11 19.21908	00 24 06.80	+17 20 25.0	2001 TC ₁₃₃	19.2	644
1999 PS ₈		1999 08 12.37725	21 13 53.17	-16 09 56.6	1999 PC ₃	19.9 V	691	2001 WE ₉₆		2001 11 19.24095	00 24 06.93	+17 20 15.9	2001 TC ₁₃₃	19.0	644
1999 UJ ₆₃	*	1999 10 30.29759	02 36 56.09	+11 31 06.8	1999 XP ₂₀	18.2 R	1 703	2001 WE ₉₆		2001 11 19.26172	00 24 07.08	+17 20 07.4	2001 TC ₁₃₃	19.0	644
1999 UJ ₆₃		1999 10 30.30961	02 36 55.46	+11 31 00.4	1999 XP ₂₀	17.8 R	1 703	2002 BU ₃₀	*	2002 01 22.43748	09 42 55.14	+15 18 27.0	2002 CK ₁₈₆	21.2 V	691
1999 UJ ₆₃		1999 10 30.32159	02 36 54.79	+11 30 53.6	1999 XP ₂₀	18.2 R	1 703	2002 BU ₃₀		2002 01 22.45999	09 42 54.26	+15 18 31.8	2002 CK ₁₈₆	21.2 V	691
1999 UJ ₆₃		1999 10 30.33357	02 36 54.22	+11 30 46.8	1999 XP ₂₀	18.9 R	1 703	2002 BU ₃₀		2002 01 22.48282	09 42 53.33	+15 18 37.3	2002 CK ₁₈₆	21.6 V	691
2000 LP ₃₇	*	2000 06 04.43632	16 05 36.96	-13 24 52.4	2000 MX ₅	19.6	608	2002 CZ ₃₀₄	*	2002 02 10.39767	11 26 51.43	+06 50 12.7	2002 CK ₁₁₀	20.3	704
2000 LP ₃₇		2000 06 04.44718	16 05 36.32	-13 24 52.8	2000 MX ₅	20.1	608	2002 CZ ₃₀₄		2002 02 10.41192	11 26 50.97	+06 50 16.2	2002 CK ₁₁₀	20.3	704
2000 LP ₃₇		2000 06 04.45793	16 05 35.70	-13 24 53.2	2000 MX ₅	19.9	608	2002 CZ ₃₀₄		2002 02 10.42621	11 26 50.52	+06 50 20.5	2002 CK ₁₁₀	20.0	704
2000 TH ₇₁	*	2000 10 07.44015	01 56 31.96	+12 43 31.4	2000 TT ₆₅	22.2 V	691	2002 CZ ₃₀₄		2002 02 10.44050	11 26 50.10	+06 50 25.0	2002 CK ₁₁₀	20.2	704
2000 TH ₇₁		2000 10 07.46153	01 56 30.91	+12 43 24.4	2000 TT ₆₅	22.1 V	691	2002 CA ₃₀₅	*	2002 02 11.30246	09 47 26.54	+16 55 57.9	2002 CP ₁₂₅	19.7	704
2000 TH ₇₁		2000 10 07.48278	01 56 29.87	+12 43 16.8	2000 TT ₆₅	22.1 V	691	2002 CA ₃₀₅		2002 02 11.31670	09 47 25.74	+16 56 02.1	2002 CP ₁₂₅	20.2	704
2000 TJ ₇₁	*	2000 10 01.33957	02 10 28.24	+10 20 52.3	2002 CB ₁₆₁	18.8	704	2002 CA ₃₀₅		2002 02 11.33095	09 47 24.88	+16 56 05.7	2002 CP ₁₂₅	20.3	704
2000 TJ ₇₁		2000 10 01.35465	02 10 27.61	+10 20 47.2	2002 CB ₁₆₁	19.7	704	2002 CA ₃₀₅		2002 02 11.34519	09 47 24.03	+16 56 09.5	2002 CP ₁₂₅	19.9	704
2000 TJ ₇₁		2000 10 01.36973	02 10 27.08	+10 20 42.3	2002 CB ₁₆₁	19.3	704	2002 CA ₃₀₅		2002 02 11.35943	09 47 23.26	+16 56 13.0	2002 CP ₁₂₅	20.4	704
2000 TJ ₇₁		2000 10 01.38481	02 10 26.45	+10 20 38.3	2002 CB ₁₆₁	19.4	704	2002 CB ₃₀₅	*	2002 02 12.26637	08 51 29.96	+21 13 14.4	2002 CC ₁₅₈	20.7	704
2000 VN ₆₄	*	2000 11 02.34527	05 13 15.59	+26 03 57.9	2000 WD ₈₅	19.5	704	2002 CB ₃₀₅		2002 02 12.28084	08 51 29.28	+21 13 16.7	2002 CC ₁₅₈	20.5	704
2000 VN ₆₄		2000 11 02.37296	05 13 14.81	+26 04 00.5	2000 WD ₈₅	19.9	704	2002 CB ₃₀₅		2002 02 12.29506	08 51 28.49	+21 13 19.8	2002 CC ₁₅₈	20.8	704
2000 VN ₆₄		2000 11 02.40028	05 13 14.00	+26 04 01.5	2000 WD ₈₅	19.8	704	2002 CC ₃₀₅	*	2002 02 12.32718	11 03 45.50	+13 48 49.1	2002 CE ₁₆₉	19.2	704

- 246 Klet Observatory-KLENOT. Observers J. Tichá, M. Tichý. 1.06-m KLENOT telescope + CCD.
- 249 SOHO. Measurements by D. Hammer, reduction by B. G. Marsden. SOHO-LASCO coronagraphs C3 and C2.
- 291 LPL/Spacewatch II. Observer T. Gehrels. 1.8-m Spacewatch telescope.
- 300 Bisei Spaceguard Center-BATTeRS. Observers A. Asami, D. J. Asher, T. Fuse, N. Hashimoto, A. I. Ibrahim, S. Isobe, K. Nishiyam, Y. Oshima, J. Terazono, H. Umehara, T. Urata, M. Yoshikawa. 0.25-m $f/5.0$ reflector + CCD.
- 309 Cerro Paranal. Observers H. Boehnhardt, G. P. Tozzi. Measurer H. Boehnhardt. ESO 8.2-m UT4 Yepun Telescope + CCD.
- 333 Desert Eagle Observatory. Observer W. K. Y. Yeung. 0.45-m reflector + CCD.
- 340 Toyonaka. Observer Y. Ezaki. 0.3-m $f/6.0$ reflector + CCD.
- 341 Akashina. Observer A. Akahori. 0.4-m $f/6.0$ reflector + CCD.
- 342 Shishikui. Observer H. Maeno. 0.15-m $f/5.0$ reflector + CCD.
- 349 Ageo. Observer K. Kadota. 0.18-m $f/5.5$ reflector + CCD.
- 351 Sakamoto. Observer Y. Kitamura. 0.15-m $f/7.0$ lens + CCD.
- 355 Hadano. Observer A. Asami. 0.28-m $f/5.0$ reflector + CCD.
- 360 Kuma Kogen. Observer A. Nakamura. 0.60-m $f/6.0$ Ritchey-Chrétien + CCD.
- 367 Yatsuka. Observer H. Abe. 0.26-m $f/6.0$ reflector + CCD.
- 372 Geisei. Observer T. Seki. 0.60-m $f/3.5$ reflector.
- 379 Hamamatsu-Yuto. Observer S. Wakuda. 0.25-m $f/5.0$ Schmidt-Cassegrain + CCD.
- 413 Siding Spring Observatory. Observers G. J. Garradd, R. H. McNaught. 1.0-m $f/8$ reflector + CCD.
- 428 Reedy Creek. Observer J. Broughton. 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD.
- 445 Observatori d'Ontinyent. Observer M. Camarasa Y. 0.20-m $f/6.3$ Schmidt-Cassegrain + CCD.
- 448 Desert Moon Observatory. Observer B. Stevens. 0.30-m $f/6.3$ Schmidt-Cassegrain + CCD.
- 458 Guadarrama Observatory. Observer D. Rodriguez. 0.20-m $f/4$ reflector + CCD.
- 468 Campo Catino. Observers G. Masi, U. Tagliaferri. 0.80-m $f/8$ Schmidt-Cassegrain + CCD.
- 474 Mount John Observatory, Lake Tekapo. Observers A. C. Gilmore, P. M. Kilmartin. 0.6-m $f/6.4$ reflector + CCD.
- 504 Le Creusot. Observer J. C. Merlin. 0.40-m $f/5$ reflector + CCD.
- 568 Mauna Kea. Observers D. Kinoshita, N. Yamamoto, S. Miyasaka. 8.2-m Subaru Telescope + CCD.
- 587 Sormano. Observers P. Chiavenna, E. Colzani, G. Ventre. Measurer F. Manca. 0.5-m reflector + CCD.
- 608 Haleakala-NEAT/MSSS. Observers E. F. Helin, S. Pravdo, K. Lawrence, P. Kervin, R. Maeda, J. Africano, M. Hicks. 1.2-m reflector + CCD.
- 611 Starkenburg. Observers M. Busch, R. Stoss, E. Schwab, P. Geffert. 0.45-m $f/4.4$ reflector + CCD.
- 613 Heisingen. Observer H. Denzau. 0.35-m $f/5.7$ reflector + CCD.
- 619 Sabadell. Observer R. Casas. 0.5-m $f/4$ reflector + CCD.
- 620 Observatorio Astronómico de Mallorca. Observers S. Sanchez, J. Rodriguez. 0.30-m $f/8.8$ Schmidt-Cassegrain + CCD.
- 644 Palomar Mountain/NEAT. Observers E. F. Helin, S. Pravdo, K. Lawrence, M. Hicks, R. Thicksten. 1.2-m Schmidt + CCD.
- 649 Powell Observatory, Louisburg. Observer K. Smalley. 0.75-m reflector + CCD.
- 670 Camarillo. Observer J. E. Rogers. 0.30-m $f/6.7$ Helin Telescope + CCD.
- 675 Palomar Mountain. Observer M. E. Brown. Measurer C. A. Trujillo. 1.2-m Schmidt + CCD.
- 696 Whipple Observatory, Mt. Hopkins. Observer C. W. Hergenrother. Measurer T. B. Spahr. 1.2-m reflector + CCD.
- 699 Lowell Observatory-LONEOS. Observers B. A. Skiff, B. W. Koehn, M. E. Van Ness, J. L. Pulgata. 0.59-m LONEOS Schmidt + CCD.
- 703 Catalina Sky Survey. Observer C. W. Hergenrother. 0.41-m $f/3$ Schmidt + CCD.
- 704 Lincoln Laboratory ETS, New Mexico. Observers M. Blythe, F. Shelly, M. Bezpalko, R. Huber, L. Manguso, S. Adams, J. Piscitelli. Measurers J. Stuart, R. Sayer, J. B. Evans, H. Vighh. 1.0-m $f/2.15$ reflector + CCD.
- 750 Hobbs Observatory, Fall Creek. Observer R. Elliott. 0.3-m $f/3.3$ reflector + CCD.
- 785 Fitz-Randolph Observatory, Princeton. Observer H. Ashley. 0.91-m reflector + CCD.
- 829 Complejo Astronómico El Leoncito. Observers R. Gil-Hutton, C. E. Lopez, J. Licandro. Measurer C. E. Lopez. 2.15-m $f/2.8$ reflector + CCD.
- 844 Los Molinos. Observers R. Salvo, S. Bruzzone, F. Benitez, S. Roland. 0.35-m $f/6.4$ reflector + CCD.
- 888 Gekko Observatory. Observer T. Kagawa. 0.50-m $f/4.0$ reflector + CCD.
- 921 SW Institute for Space Research, Cloudcroft. Observer A. Hale. 0.30-m Schmidt-Cassegrain + CCD.
- 938 Linhaceira. Observer R. Goncalves. 0.25-m $f/6.7$ Schmidt-Cassegrain + CCD.
- 939 Observatorio Rodeno. Observer J. Castellano. 0.20-m $f/10$ Schmidt-Cassegrain + CCD.
- 941 Observatorio Pla D'Arguines. Observer R. Ferrando. 0.26-m $f/10$ Schmidt-Cassegrain + CCD.
- 945 Observatorio Monte Deva. Observer J. R. Vidal. 0.36-m $f/6.3$ Schmidt-Cassegrain + CCD.
- 952 Marzuquera. Observer J. J. Gomez. 0.25-m $f/3.3$ Schmidt-Cassegrain + CCD.
- A46 Lelekovice. Observer K. Hornoch. Measurer L. Šarounová. 0.35-m $f/4.7$ reflector + CCD.
- A50 Andrushivka Astronomical Observatory. Observers V. Andruk, Yu. Ivashchenko. Measurer Yu. Ivashchenko. 0.60-m $f/7.5$ reflector + CCD.
- A52 Etyek. Observer A. Dán. 0.30-m Maksutov + CCD.
- J95 Great Shefford. Observer P. Birtwhistle. 0.3-m Schmidt-Cassegrain + CCD.

Object	Date	UT	α_{2000}	δ_{2000}	Mag.	N Obs.
C/1997 BA₆ (Spacewatch)						
C/1997 BA ₆	2002 06 09.73231		21 43 47.13	+13 53 55.2	17.4 T	360
C/1997 BA ₆	2002 06 09.73637		21 43 47.10	+13 53 55.7		360
C/1997 BA ₆	2002 06 10.35271		21 43 39.17	+13 56 35.4	17.7 T	699
C/1997 BA ₆	2002 06 10.36705		21 43 38.94	+13 56 39.4		699
C/1997 BA ₆	2002 06 10.38136		21 43 38.77	+13 56 42.8		699
C/1997 BA ₆	2002 06 10.39573		21 43 38.57	+13 56 46.5		699

C/1997 O2 (SOHO)													
C/1997 O2	1997 07	25.31343	08 15 05.6	+20 38 43	249	C/1999 U4	2002 05	21.21401	10 13 02.79	+63 32 54.2	17.8 T	704	
Geocentric position (AU)		-0.00124264	+0.00932983	+0.00406269		C/1999 U4	2002 05	23.15993	10 14 36.60	+63 08 29.9	17.4 T	704	
C/1997 O2	1997 07	25.33341	08 15 38.2	+20 43 08	249	C/1999 U4	2002 05	23.17514	10 14 37.42	+63 08 18.4	17.8 T	704	
Geocentric position (AU)		-0.00124610	+0.00932836	+0.00406266		C/1999 U4	2002 05	23.18950	10 14 38.12	+63 08 06.8	17.7 T	704	
C/1997 O2	1997 07	25.35423	08 16 12.8	+20 47 30	249	C/1999 U4	2002 05	23.20493	10 14 38.80	+63 07 54.6	17.4 T	704	
Geocentric position (AU)		-0.00124970	+0.00932684	+0.00406262		C/1999 U4	2002 05	25.88959	10 16 52.18	+62 34 10.3		201	
C/1997 O2	1997 07	25.36465	08 16 30.4	+20 49 42	249	C/1999 U4	2002 05	25.89257	10 16 52.51	+62 34 08.1		201	
Geocentric position (AU)		-0.00125151	+0.00932607	+0.00406261		C/1999 U4	2002 05	25.89829	10 16 52.61	+62 34 04.4		201	
C/1997 O2	1997 07	25.37508	08 16 47.8	+20 51 44	249	C/1999 U4	2002 05	25.89959	10 16 52.81	+62 34 03.5	16.6 T	232	
Geocentric position (AU)		-0.00125332	+0.00932531	+0.00406259		C/1999 U4	2002 05	25.90787	10 16 52.98	+62 33 54.6	16.6 T	232	
C/1997 O2	1997 07	25.39242	08 17 17.4	+20 55 05	249	C/1999 U4	2002 05	25.91644	10 16 53.23	+62 33 48.8	16.6 T	232	
Geocentric position (AU)		-0.00125632	+0.00932403	+0.00406256		C/1999 U4	2002 05	29.15696	10 19 39.75	+61 53 06.8	18.1 T	704	
C/1997 O2	1997 07	25.42314	08 18 10.9	+21 00 42	249	C/1999 U4	2002 05	29.17078	10 19 40.74	+61 52 59.1	19.4 T	704	
Geocentric position (AU)		-0.00126165	+0.00932177	+0.00406251		C/1999 U4	2002 05	29.18431	10 19 41.29	+61 52 44.9	18.6 T	704	
C/1997 O2	1997 07	25.44104	08 18 42.6	+21 03 44	249	C/1999 U4	2002 05	29.19792	10 19 41.88	+61 52 35.4	18.3 T	704	
Geocentric position (AU)		-0.00126476	+0.00932045	+0.00406248		C/1999 U4	2002 05	29.21379	10 19 42.77	+61 52 22.5	17.8 T	704	
C/1997 O2	1997 07	25.45840	08 19 13.5	+21 06 28	249	C/1999 U4	2002 06	01.88981	10 22 58.03	+61 06 10.9	17.0 T	232	
Geocentric position (AU)		-0.00126777	+0.00931917	+0.00406245		C/1999 U4	2002 06	01.91017	10 22 58.86	+61 05 57.1	17.0 T	232	
C/1998 T1 (LINEAR)													
C/1998 T1	1998 11	20.17794	00 08 21.34	+11 07 39.7	16.2 T	699	C/1999 U4	2002 06	01.92443	+61 05 45.3	16.6 T	613	
C/1998 T1	1998 11	20.20350	00 08 18.59	+11 07 14.2	699	C/1999 U4	2002 06	01.93005	10 22 59.98	+61 05 39.9	16.6 T	613	
C/1998 T1	1998 11	20.22902	00 08 15.83	+11 06 49.3	699	C/1999 U4	2002 06	01.93789	10 23 00.36	+61 05 35.2	16.5 T	613	
C/1998 V9 (SOHO)													
C/1998 V9	1998 11	08.30941	14 51 15.0	-18 02 40	249	C/1999 Y1	2002 06	14.92986	10 35 13.67	+58 23 08.2		232	
Geocentric position (AU)		-0.00632901	-0.00792699	-0.00434259		C/1999 Y1	2002 06	14.94734	10 35 14.94	+58 22 51.6		232	
C/1998 V9	1998 11	08.32923	14 51 36.9	-17 59 15	249	C/1999 Y1	2002 06	14.97089	10 35 16.31	+58 22 30.2		232	
Geocentric position (AU)		-0.00632836	-0.00792749	-0.00434302		C/1999 U4	2002 06	19.88023	10 40 07.31	+57 21 44.9	17.5 T	213	
C/1998 V9	1998 11	08.34590	14 51 55.2	-17 56 12	249	C/1999 U4	2002 06	19.88394	10 40 07.46	+57 21 40.4	17.5 T	213	
Geocentric position (AU)		-0.00632780	-0.00792792	-0.00434338		C/1999 Y1 (LINEAR)							
C/1998 V9	1998 11	08.37090	14 52 23.1	-17 51 34	249	C/1999 Y1	2002 06	14.26755	21 53 30.91	-70 18 29.8	14.7 T	844	
Geocentric position (AU)		-0.00632697	-0.00792855	-0.00434393		C/1999 Y1	2002 06	14.27403	21 53 30.16	-70 18 36.0	14.6 T	844	
C/1998 V9	1998 11	08.38757	14 52 41.1	-17 48 28	249	C/1999 Y1	2002 06	14.28066	21 53 29.26	-70 18 42.4	14.5 T	844	
Geocentric position (AU)		-0.00632642	-0.00792898	-0.00434429		C/1999 Y1	2002 06	14.30494	21 53 26.21	-70 19 04.2	14.6 T	844	
P/1998 VS₂₄ (LINEAR)													
P/1998 VS ₂₄	1998 10	14.37917	03 08 35.42	+11 22 17.5	18.5 T	699	P/2000 C1 (Hergenrother)						
P/1998 VS ₂₄	1998 10	14.42883	03 08 34.07	+11 22 07.1	699	P/2000 C1	2000 03	12.25487	12 06 16.08	+08 42 22.1	15.8 T	703	
P/1998 VS ₂₄	1998 10	14.44888	03 08 33.60	+11 22 02.1	699	P/2000 C1	2000 03	12.27082	12 06 15.54	+08 42 29.5	15.8 T	703	
P/1998 VS ₂₄	1998 12	11.22252	02 37 38.45	+08 47 58.5	18.4 T	699	P/2000 C1	2000 03	12.28670	12 06 15.18	+08 42 35.9	15.8 T	703
P/1998 VS ₂₄	1998 12	11.24797	02 37 37.98	+08 47 58.3	699	P/2000 C1	2000 03	12.30261	12 06 14.54	+08 42 43.0	15.7 T	703	
P/1998 VS ₂₄	1998 12	11.27341	02 37 37.51	+08 47 58.1	699	C/2000 C7 (SOHO)							
C/1999 J2 (Skiff)													
C/1999 J2	2002 05	20.67998	15 08 28.86	-14 00 19.6	17.9 T	360	C/2000 C7	2000 02	04.47923	21 15 40.3	-15 27 53	249	
C/1999 J2	2002 05	20.68480	15 08 28.73	-14 00 19.6	360	Geocentric position (AU)		+0.00561359	-0.00588805	-0.00177002			
C/1999 J2	2002 06	09.59163	14 58 19.59	-14 29 22.1	18.2 T	360	C/2000 C7	2000 02	04.49591	21 15 19.9	-15 26 38	249	
C/1999 J2	2002 06	09.59575	14 58 19.43	-14 29 21.8	360	Geocentric position (AU)		+0.00561747	-0.00588467	-0.00176852			
C/1999 U4 (Catalina-Skiff)													
C/1999 U4	2002 05	21.16925	10 13 00.67	+63 33 29.5	17.4 T	704	C/2000 C7	2000 02	04.50423	21 15 09.7	-15 26 00	249	
C/1999 U4	2002 05	21.18422	10 13 01.40	+63 33 17.2	17.6 T	704	Geocentric position (AU)		+0.00561940	-0.00588298	-0.00176777		
C/1999 U4	2002 05	21.19910	10 13 02.03	+63 33 06.2	17.8 T	704	C/2000 C7	2000 02	04.52090	21 14 49.0	-15 24 54	249	
C/1999 U4 (Catalina-Skiff)													
C/1999 U4	2002 05	21.16925	10 13 00.67	+63 33 29.5	17.4 T	704	Geocentric position (AU)		+0.00562328	-0.00587960	-0.00176626		
C/1999 U4	2002 05	21.18422	10 13 01.40	+63 33 17.2	17.6 T	704	C/2000 C7	2000 02	04.53756	21 14 28.1	-15 23 44	249	
C/1999 U4	2002 05	21.19910	10 13 02.03	+63 33 06.2	17.8 T	704	Geocentric position (AU)		+0.00562715	-0.00587622	-0.00176476		
C/1999 U4 (Catalina-Skiff)													
C/1999 U4	2002 05	21.16925	10 13 00.67	+63 33 29.5	17.4 T	704	C/2000 C7	2000 02	04.57923	21 13 34.3	-15 21 03	249	
C/1999 U4	2002 05	21.18422	10 13 01.40	+63 33 17.2	17.6 T	704	Geocentric position (AU)		+0.00563683	-0.00586775	-0.00176100		
C/1999 U4	2002 05	21.19910	10 13 02.03	+63 33 06.2	17.8 T	704	C/2000 C7	2000 02	04.58756	21 13 22.9	-15 20 32	249	
C/1999 U4 (Catalina-Skiff)													
C/1999 U4	2002 05	21.16925	10 13 00.67	+63 33 29.5	17.4 T	704	Geocentric position (AU)		+0.00563876	-0.00586605	-0.00176025		

C/2000 CT₅₄ (LINEAR)

C/2000 CT ₅₄	2001 08 15.18501	00 07 39.71	-74 10 48.1	1 829
C/2000 CT ₅₄	2001 08 15.20837	00 07 36.12	-74 10 46.4	1 829

C/2000 F2 (SOHO)

C/2000 F2	2000 03 19.46256	00 04 04.2	-01 21 52	249
Geocentric position (AU)	+0.00934336	+0.00397911	+0.00159111	
C/2000 F2	2000 03 19.50425	00 03 13.3	-01 15 52	249
Geocentric position (AU)	+0.00934242	+0.00398565	+0.00159267	
C/2000 F2	2000 03 19.52090	00 02 56.9	-01 13 06	249
Geocentric position (AU)	+0.00934204	+0.00398826	+0.00159329	
C/2000 F2	2000 03 19.56344	00 02 01.0	-01 07 27	249
Geocentric position (AU)	+0.00934108	+0.00399492	+0.00159488	
C/2000 F2	2000 03 19.57924	00 01 40.6	-01 03 58	249
Geocentric position (AU)	+0.00934072	+0.00399739	+0.00159547	

C/2000 F3 (SOHO)

C/2000 F3	2000 03 28.62923	00 35 32.3	+02 02 42	249
Geocentric position (AU)	+0.00912185	+0.00525449	+0.00186914	
C/2000 F3	2000 03 28.66256	00 34 52.5	+02 08 27	249
Geocentric position (AU)	+0.00912095	+0.00525863	+0.00186997	
C/2000 F3	2000 03 28.67090	00 34 47.4	+02 11 16	249
Geocentric position (AU)	+0.00912073	+0.00525966	+0.00187018	
C/2000 F3	2000 03 28.68788	00 34 23.8	+02 13 23	249
Geocentric position (AU)	+0.00912027	+0.00526177	+0.00187060	
C/2000 F3	2000 03 28.70423	00 34 01.0	+02 16 05	249
Geocentric position (AU)	+0.00911983	+0.00526380	+0.00187101	

C/2000 SV₇₄ (LINEAR)

C/2000 SV ₇₄	2002 05 17.06082	01 50 45.66	+77 06 55.4	A46
C/2000 SV ₇₄	2002 05 17.06230	01 50 46.09	+77 06 56.8	A46
C/2000 SV ₇₄	2002 05 17.06377	01 50 46.34	+77 06 58.4	A46
C/2000 SV ₇₄	2002 05 17.06524	01 50 46.53	+77 07 00.0	A46
C/2000 SV ₇₄	2002 05 21.64946	02 10 49.80	+78 32 30.5	14.7 T 349
C/2000 SV ₇₄	2002 05 21.65261	02 10 50.56	+78 32 33.4	349
C/2000 SV ₇₄	2002 05 21.65458	02 10 51.31	+78 32 36.2	349
C/2000 SV ₇₄	2002 05 21.65661	02 10 51.63	+78 32 39.1	349
C/2000 SV ₇₄	2002 05 23.66736	02 21 04.45	+79 09 27.8	342
C/2000 SV ₇₄	2002 05 23.67500	02 21 05.80	+79 09 37.9	342
C/2000 SV ₇₄	2002 05 25.59259	02 31 48.10	+79 44 16.3	349
C/2000 SV ₇₄	2002 05 25.59544	02 31 49.14	+79 44 18.6	349
C/2000 SV ₇₄	2002 05 25.59916	02 31 50.60	+79 44 22.6	349
C/2000 SV ₇₄	2002 05 25.60394	02 31 52.24	+79 44 27.8	13.9 T 349
C/2000 SV ₇₄	2002 05 29.06628	02 54 09.89	+80 44 53.4	16.7 N 619
C/2000 SV ₇₄	2002 05 29.06744	02 54 10.03	+80 44 54.1	16.2 T 619
C/2000 SV ₇₄	2002 05 29.06861	02 54 10.77	+80 44 54.4	16.8 N 619
C/2000 SV ₇₄	2002 05 29.06976	02 54 11.15	+80 44 56.7	17.1 N 619
C/2000 SV ₇₄	2002 05 29.07092	02 54 11.78	+80 44 56.5	16.4 N 619
C/2000 SV ₇₄	2002 05 31.00120	03 08 35.81	+81 17 03.4	14.6 T A52
C/2000 SV ₇₄	2002 05 31.00462	03 08 37.47	+81 17 05.9	A52
C/2000 SV ₇₄	2002 06 01.87616	03 24 11.06	+81 46 45.7	15.1 T 613
C/2000 SV ₇₄	2002 06 01.88241	03 24 14.84	+81 46 51.0	15.0 T 613
C/2000 SV ₇₄	2002 06 04.72022	03 51 22.67	+82 28 13.3	349
C/2000 SV ₇₄	2002 06 04.72284	03 51 24.39	+82 28 14.9	349

C/2000 SV ₇₄	2002 06 04.72468	03 51 25.72	+82 28 16.9	14.6 T 349
C/2000 SV ₇₄	2002 06 16.93251	06 39 53.44	+83 56 57.0	201
C/2000 SV ₇₄	2002 06 16.96170	06 40 21.65	+83 56 57.8	201
C/2000 SV ₇₄	2002 06 16.96669	06 40 26.42	+83 56 57.3	201
C/2000 SV ₇₄	2002 06 18.72416	07 08 13.40	+83 52 46.2	14.4 T 349
C/2000 SV ₇₄	2002 06 18.72601	07 08 15.44	+83 52 46.5	349
C/2000 SV ₇₄	2002 06 18.72771	07 08 17.11	+83 52 46.3	349
C/2000 SV ₇₄	2002 06 18.72943	07 08 18.74	+83 52 46.0	349

C/2000 T5 (SOHO)

C/2000 T5	2000 10 07.03479	12 42 26.3	-06 04 21	249
Geocentric position (AU)	-0.00927637	-0.00514366	-0.00292508	
C/2000 T5	2000 10 07.06069	12 43 10.1	-06 02 11	249
Geocentric position (AU)	-0.00927539	-0.00514518	-0.00292631	
C/2000 T5	2000 10 07.07645	12 43 43.0	-06 02 08	249
Geocentric position (AU)	-0.00927479	-0.00514611	-0.00292707	
C/2000 T5	2000 10 07.10145	12 44 27.2	-05 59 54	249
Geocentric position (AU)	-0.00927385	-0.00514758	-0.00292826	
C/2000 T5	2000 10 07.11812	12 44 58.1	-05 59 01	249
Geocentric position (AU)	-0.00927322	-0.00514856	-0.00292906	

C/2000 T6 (SOHO)

C/2000 T6	2000 10 12.40979	13 05 48.8	-08 39 16	249
Geocentric position (AU)	-0.00909224	-0.00541007	-0.00314898	
C/2000 T6	2000 10 12.42090	13 06 05.4	-08 38 00	249
Geocentric position (AU)	-0.00909191	-0.00541054	-0.00314939	
C/2000 T6	2000 10 12.43479	13 06 27.9	-08 36 07	249
Geocentric position (AU)	-0.00909150	-0.00541112	-0.00314989	
C/2000 T6	2000 10 12.45238	13 06 56.2	-08 33 42	249
Geocentric position (AU)	-0.00909098	-0.00541186	-0.00315052	
C/2000 T6	2000 10 12.46257	13 07 12.7	-08 32 17	249
Geocentric position (AU)	-0.00909068	-0.00541228	-0.00315088	
C/2000 T6	2000 10 12.47739	13 07 37.5	-08 30 17	249
Geocentric position (AU)	-0.00909024	-0.00541290	-0.00315142	
C/2000 T6	2000 10 12.49403	13 08 05.3	-08 27 41	249
Geocentric position (AU)	-0.00908975	-0.00541360	-0.00315201	

C/2000 WM₁ (LINEAR)

C/2000 WM ₁	2002 03 26.15858	19 16 10.07	-02 29 40.0	143
C/2000 WM ₁	2002 03 26.16144	19 16 09.95	-02 29 32.0	143
C/2000 WM ₁	2002 03 26.16574	19 16 09.79	-02 29 19.4	143
C/2000 WM ₁	2002 03 26.16716	19 16 09.74	-02 29 15.3	143
C/2000 WM ₁	2002 05 05.02128	18 20 22.38	+26 03 54.6	12.6 T A50
C/2000 WM ₁	2002 05 06.94411	18 16 05.52	+27 04 42.3	143
C/2000 WM ₁	2002 05 06.94458	18 16 05.47	+27 04 43.2	143
C/2000 WM ₁	2002 05 06.94744	18 16 05.10	+27 04 48.6	143
C/2000 WM ₁	2002 05 06.94887	18 16 04.85	+27 04 51.1	143
C/2000 WM ₁	2002 05 06.95221	18 16 04.45	+27 04 57.4	143
C/2000 WM ₁	2002 05 08.03713	18 13 36.45	+27 37 52.4	12.8 T A50
C/2000 WM ₁	2002 05 08.04807	18 13 34.95	+27 38 11.9	12.6 T A50
C/2000 WM ₁	2002 05 08.98516	18 11 25.86	+28 05 47.6	A50
C/2000 WM ₁	2002 05 11.01946	18 06 41.07	+29 03 04.7	12.9 T A50
C/2000 WM ₁	2002 05 11.02329	18 06 40.52	+29 03 11.2	12.8 T A50
C/2000 WM ₁	2002 05 11.99160	18 04 23.17	+29 29 08.2	12.0 T A50

C/2000 WM ₁	2002 05 12.00125	18 04 21.78	+29 29 23.9	12.4 T	A50	C/2000 WM ₁	2002 05 23.91679	17 35 24.23	+33 38 49.3	14.1 N	938
C/2000 WM ₁	2002 05 13.01120	18 01 57.34	+29 55 34.2		A50	C/2000 WM ₁	2002 05 23.91887	17 35 23.88	+33 38 51.7	14.1 N	938
C/2000 WM ₁	2002 05 14.07043	17 59 24.69	+30 22 01.0		214	C/2000 WM ₁	2002 05 23.95587	17 35 18.50	+33 39 26.1	14.4 N	170
C/2000 WM ₁	2002 05 14.07184	17 59 24.49	+30 22 03.3		214	C/2000 WM ₁	2002 05 23.95927	17 35 17.98	+33 39 30.0	14.4 N	170
C/2000 WM ₁	2002 05 14.07353	17 59 24.24	+30 22 05.7		214	C/2000 WM ₁	2002 05 24.02477	17 35 08.11	+33 40 30.7		A50
C/2000 WM ₁	2002 05 14.07707	17 59 23.70	+30 22 10.9		214	C/2000 WM ₁	2002 05 24.03243	17 35 06.97	+33 40 37.5		A50
C/2000 WM ₁	2002 05 14.08657	17 59 22.32	+30 22 24.8		214	C/2000 WM ₁	2002 05 24.55015	17 33 51.88	+33 48 30.3		340
C/2000 WM ₁	2002 05 14.08764	17 59 22.16	+30 22 26.5		214	C/2000 WM ₁	2002 05 24.55164	17 33 51.65	+33 48 32.2		340
C/2000 WM ₁	2002 05 14.91647	17 57 22.47	+30 42 23.9		143	C/2000 WM ₁	2002 05 24.55509	17 33 51.17	+33 48 35.0	12.6 T	340
C/2000 WM ₁	2002 05 14.91933	17 57 22.00	+30 42 28.6		143	C/2000 WM ₁	2002 05 24.62743	17 33 40.39	+33 49 40.6		342
C/2000 WM ₁	2002 05 14.92219	17 57 21.62	+30 42 32.6		143	C/2000 WM ₁	2002 05 24.63437	17 33 39.42	+33 49 46.1		342
C/2000 WM ₁	2002 05 14.92505	17 57 21.21	+30 42 36.5		143	C/2000 WM ₁	2002 05 24.87707	17 33 04.19	+33 53 21.8		201
C/2000 WM ₁	2002 05 14.92791	17 57 20.77	+30 42 40.8		143	C/2000 WM ₁	2002 05 24.89664	17 33 01.33	+33 53 39.4		201
C/2000 WM ₁	2002 05 16.01057	17 54 43.11	+31 07 47.5		127	C/2000 WM ₁	2002 05 24.90250	17 33 00.57	+33 53 43.9		201
C/2000 WM ₁	2002 05 16.01456	17 54 42.51	+31 07 53.6		127	C/2000 WM ₁	2002 05 24.91164	17 32 59.23	+33 53 52.1	14.6 N	213
C/2000 WM ₁	2002 05 16.01878	17 54 41.90	+31 07 59.1		127	C/2000 WM ₁	2002 05 24.91339	17 32 59.02	+33 53 54.0	14.5 N	213
C/2000 WM ₁	2002 05 16.97597	17 52 22.06	+31 29 17.4		A46	C/2000 WM ₁	2002 05 24.97969	17 32 49.37	+33 54 52.4	14.7 N	445
C/2000 WM ₁	2002 05 16.97823	17 52 21.71	+31 29 20.5		A46	C/2000 WM ₁	2002 05 24.98796	17 32 48.12	+33 54 59.6	14.8 N	445
C/2000 WM ₁	2002 05 16.97936	17 52 21.55	+31 29 21.9		A46	C/2000 WM ₁	2002 05 24.99161	17 32 47.51	+33 55 02.2	14.0 T	939
C/2000 WM ₁	2002 05 16.98161	17 52 21.20	+31 29 24.8		A46	C/2000 WM ₁	2002 05 24.99255	17 32 47.47	+33 55 03.1	14.7 N	445
C/2000 WM ₁	2002 05 16.98387	17 52 20.87	+31 29 27.7		A46	C/2000 WM ₁	2002 05 24.99531	17 32 46.97	+33 55 05.1	14.0 T	939
C/2000 WM ₁	2002 05 17.91470	17 50 04.73	+31 49 22.9		587	C/2000 WM ₁	2002 05 24.99910	17 32 46.43	+33 55 08.1	13.9 T	939
C/2000 WM ₁	2002 05 17.91875	17 50 04.11	+31 49 28.2		587	C/2000 WM ₁	2002 05 25.00315	17 32 45.81	+33 55 13.7	14.2 N	620
C/2000 WM ₁	2002 05 18.55634	17 48 30.71	+32 02 39.1	12.8 T	349	C/2000 WM ₁	2002 05 25.01170	17 32 44.55	+33 55 21.1	12.9 T	620
C/2000 WM ₁	2002 05 18.57281	17 48 28.20	+32 03 00.1		349	C/2000 WM ₁	2002 05 25.01897	17 32 43.48	+33 55 27.4		620
C/2000 WM ₁	2002 05 18.57533	17 48 27.75	+32 03 03.0		349	C/2000 WM ₁	2002 05 25.02378	17 32 42.75	+33 55 31.1	14.0 N	232
C/2000 WM ₁	2002 05 18.57657	17 48 27.59	+32 03 04.1		349	C/2000 WM ₁	2002 05 25.04231	17 32 40.05	+33 55 47.3	14.0 N	941
C/2000 WM ₁	2002 05 18.90907	17 47 38.69	+32 09 45.4		A46	C/2000 WM ₁	2002 05 25.04576	17 32 39.53	+33 55 50.3	14.1 N	941
C/2000 WM ₁	2002 05 18.92481	17 47 36.33	+32 10 04.0		A46	C/2000 WM ₁	2002 05 25.04977	17 32 38.91	+33 55 53.6	14.0 N	941
C/2000 WM ₁	2002 05 18.92595	17 47 36.17	+32 10 04.9		A46	C/2000 WM ₁	2002 05 25.52378	17 31 30.42	+34 02 42.9		349
C/2000 WM ₁	2002 05 18.92706	17 47 36.01	+32 10 06.8		A46	C/2000 WM ₁	2002 05 25.52703	17 31 30.04	+34 02 45.0		349
C/2000 WM ₁	2002 05 19.03589	17 47 20.08	+32 12 19.0		952	C/2000 WM ₁	2002 05 25.52833	17 31 29.81	+34 02 46.6		349
C/2000 WM ₁	2002 05 19.68987	17 45 43.87	+32 25 10.5	11.7 T	360	C/2000 WM ₁	2002 05 25.52965	17 31 29.65	+34 02 47.7		349
C/2000 WM ₁	2002 05 19.69233	17 45 43.50	+32 25 13.4		360	C/2000 WM ₁	2002 05 25.53103	17 31 29.47	+34 02 48.4	13.0 T	349
C/2000 WM ₁	2002 05 20.08683	17 44 45.33	+32 32 45.3	13.9 N	232	C/2000 WM ₁	2002 05 25.55642	17 31 25.69	+34 03 09.3	13.2 T	367
C/2000 WM ₁	2002 05 20.67308	17 43 19.33	+32 43 42.9	14.3 N	379	C/2000 WM ₁	2002 05 25.55770	17 31 25.49	+34 03 10.6		367
C/2000 WM ₁	2002 05 20.67420	17 43 19.19	+32 43 44.0	14.5 N	379	C/2000 WM ₁	2002 05 25.55897	17 31 25.31	+34 03 11.8		367
C/2000 WM ₁	2002 05 20.67550	17 43 19.03	+32 43 45.7	14.3 N	379	C/2000 WM ₁	2002 05 25.93688	17 30 30.57	+34 08 28.2	14.0 N	170
C/2000 WM ₁	2002 05 20.67755	17 43 18.67	+32 43 48.6	14.3 N	379	C/2000 WM ₁	2002 05 25.97778	17 30 24.58	+34 09 01.7	14.4 N	213
C/2000 WM ₁	2002 05 21.60441	17 41 02.69	+33 00 31.0	13.0 T	355	C/2000 WM ₁	2002 05 25.98671	17 30 23.41	+34 09 08.4	14.0 T	939
C/2000 WM ₁	2002 05 21.60693	17 41 02.29	+33 00 33.8		355	C/2000 WM ₁	2002 05 25.99259	17 30 22.56	+34 09 12.5	14.0 T	939
C/2000 WM ₁	2002 05 21.61091	17 41 01.68	+33 00 37.9		355	C/2000 WM ₁	2002 05 25.99852	17 30 21.71	+34 09 17.0	14.0 T	939
C/2000 WM ₁	2002 05 21.61154	17 41 01.61	+33 00 38.9		349	C/2000 WM ₁	2002 05 28.59138	17 24 09.91	+34 42 07.7	14.4 N	379
C/2000 WM ₁	2002 05 21.61405	17 41 01.23	+33 00 41.6		349	C/2000 WM ₁	2002 05 28.59444	17 24 09.49	+34 42 09.5	14.5 N	379
C/2000 WM ₁	2002 05 21.61566	17 41 01.00	+33 00 43.4		349	C/2000 WM ₁	2002 05 28.89880	17 23 26.36	+34 45 37.2	13.9 N	170
C/2000 WM ₁	2002 05 21.61740	17 41 00.75	+33 00 45.0	12.3 T	349	C/2000 WM ₁	2002 05 28.90556	17 23 25.35	+34 45 42.6	13.9 N	170
C/2000 WM ₁	2002 05 21.86180	17 40 24.95	+33 05 00.0	12.8 T	A50	C/2000 WM ₁	2002 05 29.07466	17 23 01.10	+34 47 36.6		619
C/2000 WM ₁	2002 05 23.61771	17 36 07.79	+33 34 09.2		342	C/2000 WM ₁	2002 05 29.07583	17 23 00.97	+34 47 37.3		619
C/2000 WM ₁	2002 05 23.63437	17 36 05.26	+33 34 25.0		342	C/2000 WM ₁	2002 05 29.07699	17 23 00.77	+34 47 38.4		619
C/2000 WM ₁	2002 05 23.73638	17 35 50.09	+33 36 01.2	14.0 N	379	C/2000 WM ₁	2002 05 29.07814	17 23 00.57	+34 47 38.9		619
C/2000 WM ₁	2002 05 23.73900	17 35 49.78	+33 36 03.3	14.2 N	379	C/2000 WM ₁	2002 05 29.07930	17 23 00.46	+34 47 39.3		619
C/2000 WM ₁	2002 05 23.74073	17 35 49.46	+33 36 05.0	14.1 N	379	C/2000 WM ₁	2002 05 29.88991	17 21 06.47	+34 56 26.8		143
C/2000 WM ₁	2002 05 23.91492	17 35 24.50	+33 38 47.9	14.1 N	938	C/2000 WM ₁	2002 05 29.89277	17 21 06.05	+34 56 28.7		143

C/2000 WM ₁	2002 05 29.89561	17 21 05.66	+34 56 30.3		143	C/2000 WM ₁	2002 06 05.53075	17 06 06.21	+35 49 25.4		340
C/2000 WM ₁	2002 05 29.89848	17 21 05.26	+34 56 32.1		143	C/2000 WM ₁	2002 06 05.53221	17 06 05.96	+35 49 25.9		340
C/2000 WM ₁	2002 05 29.90134	17 21 04.86	+34 56 34.0		143	C/2000 WM ₁	2002 06 05.53332	17 06 05.84	+35 49 26.7		340
C/2000 WM ₁	2002 05 30.00358	17 20 50.29	+34 57 39.2		046	C/2000 WM ₁	2002 06 05.53440	17 06 05.71	+35 49 26.5	13.4 T	340
C/2000 WM ₁	2002 05 30.00546	17 20 50.03	+34 57 40.3		046	C/2000 WM ₁	2002 06 06.71313	17 03 33.54	+35 55 30.4	13.7 T	349
C/2000 WM ₁	2002 05 30.00749	17 20 49.73	+34 57 41.6		046	C/2000 WM ₁	2002 06 06.71519	17 03 33.30	+35 55 31.0		349
C/2000 WM ₁	2002 05 30.07296	17 20 40.46	+34 58 22.2	13.9 T	620	C/2000 WM ₁	2002 06 06.71697	17 03 33.05	+35 55 31.5		349
C/2000 WM ₁	2002 05 30.07875	17 20 39.63	+34 58 25.7		620	C/2000 WM ₁	2002 06 06.71895	17 03 32.81	+35 55 32.3		349
C/2000 WM ₁	2002 05 30.08118	17 20 39.28	+34 58 27.2		620	C/2000 WM ₁	2002 06 08.53075	16 59 45.47	+36 03 01.4	15.0 N	379
C/2000 WM ₁	2002 05 30.08604	17 20 38.58	+34 58 30.1		620	C/2000 WM ₁	2002 06 08.53237	16 59 45.35	+36 03 02.0	15.1 N	379
C/2000 WM ₁	2002 05 30.89824	17 18 45.29	+35 06 41.0	14.4 N	235	C/2000 WM ₁	2002 06 08.53469	16 59 45.04	+36 03 03.2	15.1 N	379
C/2000 WM ₁	2002 05 30.98522	17 18 33.18	+35 07 28.2	14.4 T	J95	C/2000 WM ₁	2002 06 08.54063	16 59 44.19	+36 03 04.4	14.8 N	379
C/2000 WM ₁	2002 05 31.00522	17 18 30.35	+35 07 38.6	14.3 T	J95	C/2000 WM ₁	2002 06 08.89421	16 59 00.54	+36 04 18.4	14.1 N	170
C/2000 WM ₁	2002 05 31.02660	17 18 27.39	+35 07 51.5	14.3 T	J95	C/2000 WM ₁	2002 06 08.90409	16 58 59.37	+36 04 18.9	14.1 N	170
C/2000 WM ₁	2002 05 31.02829	17 18 27.13	+35 07 51.6	14.1 T	J95	C/2000 WM ₁	2002 06 09.53016	16 57 42.76	+36 06 16.3		340
C/2000 WM ₁	2002 05 31.29392	17 17 50.52	+35 10 24.5	16.3 T	704	C/2000 WM ₁	2002 06 09.53544	16 57 42.17	+36 06 16.7		340
C/2000 WM ₁	2002 05 31.30737	17 17 48.48	+35 10 36.3	16.7 T	704	C/2000 WM ₁	2002 06 09.53774	16 57 41.89	+36 06 17.2	14.3 T	340
C/2000 WM ₁	2002 05 31.32175	17 17 46.42	+35 10 44.6	16.4 T	704	C/2000 WM ₁	2002 06 09.61150	16 57 32.80	+36 06 30.9	14.5 N	379
C/2000 WM ₁	2002 05 31.33547	17 17 44.53	+35 10 52.4	16.4 T	704	C/2000 WM ₁	2002 06 09.61306	16 57 32.65	+36 06 31.9	14.6 N	379
C/2000 WM ₁	2002 05 31.34899	17 17 42.16	+35 10 56.9	16.8 T	704	C/2000 WM ₁	2002 06 09.61760	16 57 32.04	+36 06 33.0	13.0 T	360
C/2000 WM ₁	2002 05 31.71791	17 16 51.41	+35 14 22.6	15.4 N	379	C/2000 WM ₁	2002 06 09.62013	16 57 31.71	+36 06 33.3		360
C/2000 WM ₁	2002 05 31.72270	17 16 50.77	+35 14 25.4	15.0 N	379	C/2000 WM ₁	2002 06 09.62372	16 57 31.24	+36 06 33.0	14.7 N	379
C/2000 WM ₁	2002 05 31.87443	17 16 30.26	+35 15 45.7	14.3 N	213	C/2000 WM ₁	2002 06 09.62605	16 57 30.97	+36 06 33.1	14.6 N	379
C/2000 WM ₁	2002 05 31.87847	17 16 29.76	+35 15 48.3	14.3 N	213	C/2000 WM ₁	2002 06 09.84877	16 57 04.28	+36 07 09.8	14.2 N	213
C/2000 WM ₁	2002 05 31.91057	17 16 25.19	+35 16 05.5	14.4 N	170	C/2000 WM ₁	2002 06 09.85194	16 57 03.82	+36 07 10.1	14.2 N	213
C/2000 WM ₁	2002 05 31.95347	17 16 19.23	+35 16 28.8	14.5 N	232	C/2000 WM ₁	2002 06 11.87394	16 53 03.84	+36 11 29.6	14.3 N	235
C/2000 WM ₁	2002 06 01.01568	17 16 10.50	+35 17 02.0	14.4 N	232	C/2000 WM ₁	2002 06 11.91753	16 52 58.78	+36 11 33.1		587
C/2000 WM ₁	2002 06 01.02188	17 16 09.63	+35 17 02.0	14.3 T	J95	C/2000 WM ₁	2002 06 11.92360	16 52 58.15	+36 11 33.6	14.4 N	170
C/2000 WM ₁	2002 06 01.02392	17 16 09.39	+35 17 03.7	14.3 T	J95	C/2000 WM ₁	2002 06 11.92413	16 52 58.01	+36 11 34.2		587
C/2000 WM ₁	2002 06 01.03653	17 16 07.64	+35 17 10.0	14.4 T	J95	C/2000 WM ₁	2002 06 13.92028	16 49 10.80	+36 13 27.4	14.4 N	170
C/2000 WM ₁	2002 06 01.05088	17 16 05.67	+35 17 18.7	14.4 T	J95	C/2000 WM ₁	2002 06 14.91215	16 47 21.59	+36 13 35.9	14.3 N	235
C/2000 WM ₁	2002 06 01.05208	17 16 05.47	+35 17 19.9	14.4 T	J95	C/2000 WM ₁	2002 06 14.91912	16 47 20.83	+36 13 35.9	14.6 N	170
C/2000 WM ₁	2002 06 01.22069	17 15 42.50	+35 18 50.2	15.4 N	750	C/2000 WM ₁	2002 06 14.93662	16 47 18.88	+36 13 35.2	14.5 N	233
C/2000 WM ₁	2002 06 01.22532	17 15 41.85	+35 18 52.6	15.3 N	750	C/2000 WM ₁	2002 06 14.94218	16 47 18.28	+36 13 36.1	14.7 N	233
C/2000 WM ₁	2002 06 01.47550	17 15 07.73	+35 21 01.8		349	C/2000 WM ₁	2002 06 14.94495	16 47 17.96	+36 13 35.0	14.4 N	233
C/2000 WM ₁	2002 06 01.47771	17 15 07.40	+35 21 03.4		349	C/2000 WM ₁	2002 06 14.94667	16 47 17.86	+36 13 35.6	14.4 N	213
C/2000 WM ₁	2002 06 01.47947	17 15 07.15	+35 21 03.8		349	C/2000 WM ₁	2002 06 14.94773	16 47 17.64	+36 13 35.7	14.6 N	233
C/2000 WM ₁	2002 06 01.48075	17 15 06.93	+35 21 04.6		349	C/2000 WM ₁	2002 06 14.94940	16 47 17.56	+36 13 36.0	14.4 N	213
C/2000 WM ₁	2002 06 01.48356	17 15 06.62	+35 21 06.2	13.8 T	349	C/2000 WM ₁	2002 06 14.96455	16 47 15.79	+36 13 33.5		A46
C/2000 WM ₁	2002 06 02.06389	17 13 47.07	+35 25 53.8	14.4 T	939	C/2000 WM ₁	2002 06 14.96567	16 47 15.65	+36 13 33.5		A46
C/2000 WM ₁	2002 06 02.06979	17 13 46.26	+35 25 56.3	14.3 T	939	C/2000 WM ₁	2002 06 14.96679	16 47 15.54	+36 13 33.4		A46
C/2000 WM ₁	2002 06 02.07573	17 13 45.44	+35 25 58.9	14.3 T	939	C/2000 WM ₁	2002 06 14.96792	16 47 15.41	+36 13 33.4		A46
C/2000 WM ₁	2002 06 02.55561	17 12 40.69	+35 29 46.3		340	C/2000 WM ₁	2002 06 14.97016	16 47 15.17	+36 13 33.4		A46
C/2000 WM ₁	2002 06 02.55785	17 12 40.39	+35 29 47.9		340	C/2000 WM ₁	2002 06 14.97240	16 47 14.92	+36 13 33.5		A46
C/2000 WM ₁	2002 06 02.56134	17 12 39.92	+35 29 49.0	13.1 T	340	C/2000 WM ₁	2002 06 14.97353	16 47 14.80	+36 13 33.7		A46
C/2000 WM ₁	2002 06 02.66168	17 12 26.13	+35 30 35.1	14.5 N	379	C/2000 WM ₁	2002 06 15.02867	16 47 08.73	+36 13 33.8	14.4 N	232
C/2000 WM ₁	2002 06 02.66340	17 12 25.85	+35 30 35.9	14.4 N	379	C/2000 WM ₁	2002 06 15.03793	16 47 07.73	+36 13 33.6	14.4 N	232
C/2000 WM ₁	2002 06 03.01382	17 11 38.69	+35 33 11.5	14.3 N	620	C/2000 WM ₁	2002 06 15.04714	16 47 06.73	+36 13 33.3	14.4 N	232
C/2000 WM ₁	2002 06 03.02903	17 11 36.65	+35 33 19.1		620	C/2000 WM ₁	2002 06 15.08458	16 47 02.62	+36 13 33.3	14.4 T	939
C/2000 WM ₁	2002 06 03.03387	17 11 35.99	+35 33 21.3		620	C/2000 WM ₁	2002 06 15.09051	16 47 01.99	+36 13 33.1	14.4 T	939
C/2000 WM ₁	2002 06 03.53748	17 10 28.78	+35 36 57.3	14.0 T	351	C/2000 WM ₁	2002 06 15.09639	16 47 01.34	+36 13 33.1	14.4 T	939
C/2000 WM ₁	2002 06 03.54426	17 10 27.87	+35 36 59.1		351	C/2000 WM ₁	2002 06 15.53784	16 46 13.89	+36 13 25.0	13.9 T	351
C/2000 WM ₁	2002 06 03.54935	17 10 27.15	+35 37 02.6		351	C/2000 WM ₁	2002 06 15.54569	16 46 13.08	+36 13 24.6		351

C/2000 WM ₁	2002 06 15.55337	16 46 12.35	+36 13 25.7		351	C/2000 WM ₁	2002 06 22.95692	16 34 07.04	+35 57 39.9	15.3 T	504
C/2000 WM ₁	2002 06 15.98395	16 45 26.35	+36 13 11.2	14.9 N	445	C/2000 WM ₁	2002 06 22.95740	16 34 06.96	+35 57 37.4	15.0 T	504
C/2000 WM ₁	2002 06 15.99788	16 45 24.71	+36 13 10.5	14.9 N	445	C/2000 WM ₁	2002 06 22.95965	16 34 06.78	+35 57 39.4	15.1 T	504
C/2000 WM ₁	2002 06 16.05515	16 45 18.54	+36 13 07.4	14.5 T	939	C/2000 WM ₁	2002 06 22.96012	16 34 06.65	+35 57 39.5	15.2 T	504
C/2000 WM ₁	2002 06 16.06105	16 45 17.89	+36 13 06.9	14.5 T	939	C/2000 WM ₁	2002 06 22.96058	16 34 06.65	+35 57 38.6	15.0 T	504
C/2000 WM ₁	2002 06 16.06699	16 45 17.23	+36 13 06.9	14.5 T	939	C/2000 WM ₁	2002 06 22.96083	16 34 06.85	+35 57 40.0	15.1 N	445
C/2000 WM ₁	2002 06 16.92016	16 43 47.78	+36 12 20.3		201	C/2000 WM ₁	2002 06 22.96104	16 34 06.61	+35 57 38.4	15.2 T	504
C/2000 WM ₁	2002 06 17.02741	16 43 36.55	+36 12 13.0	15.3 N	620	C/2000 WM ₁	2002 06 22.96148	16 34 06.57	+35 57 38.6	15.1 T	504
C/2000 WM ₁	2002 06 17.02948	16 43 36.34	+36 12 12.8		620	C/2000 WM ₁	2002 06 22.96392	16 34 06.52	+35 57 38.8	15.1 N	445
C/2000 WM ₁	2002 06 17.03052	16 43 36.23	+36 12 12.6		620	C/2000 WM ₁	2002 06 22.97795	16 34 05.20	+35 57 36.3	15.1 N	445
C/2000 WM ₁	2002 06 17.03635	16 43 35.60	+36 12 12.0		620	C/2000 WM ₁	2002 06 23.04267	16 33 59.42	+35 57 21.0	14.8 N	232
C/2000 WM ₁	2002 06 17.86674	16 42 10.72	+36 11 05.3		611	C/2000 WM ₁	2002 06 23.04751	16 33 58.94	+35 57 20.3	14.8 N	232
C/2000 WM ₁	2002 06 17.86880	16 42 10.54	+36 11 04.9		611	C/2000 WM ₁	2002 06 23.05215	16 33 58.43	+35 57 19.4	14.8 N	232
C/2000 WM ₁	2002 06 17.87140	16 42 10.21	+36 11 04.3		611	C/2000 X9 (SOHO)					
C/2000 WM ₁	2002 06 17.88712	16 42 08.62	+36 11 02.4	14.4 N	213	C/2000 X9	2000 12 03.60145	16 40 33.5	-20 51 29		249
C/2000 WM ₁	2002 06 18.51895	16 41 05.05	+36 09 58.8		340	Geocentric position (AU)	-0.00683920	-0.00734041	-0.00370406		
C/2000 WM ₁	2002 06 18.52596	16 41 04.33	+36 09 58.1		340	C/2000 X9	2000 12 03.61812	16 40 38.7	-20 46 59		249
C/2000 WM ₁	2002 06 18.52807	16 41 04.11	+36 09 58.0	13.9 T	340	Geocentric position (AU)	-0.00683749	-0.00734119	-0.00370396		
C/2000 WM ₁	2002 06 18.57010	16 40 59.85	+36 09 52.5	14.5 N	379	C/2000 X9	2000 12 03.62925	16 40 37.2	-20 43 41		249
C/2000 WM ₁	2002 06 18.57169	16 40 59.69	+36 09 52.8	14.5 N	379	Geocentric position (AU)	-0.00683635	-0.00734171	-0.00370390		
C/2000 WM ₁	2002 06 18.59014	16 40 57.87	+36 09 50.1	14.5 N	379	C/2000 X9	2000 12 03.64312	16 40 40.7	-20 40 17		249
C/2000 WM ₁	2002 06 18.59196	16 40 57.68	+36 09 50.0	14.5 N	379	Geocentric position (AU)	-0.00683493	-0.00734236	-0.00370382		
C/2000 WM ₁	2002 06 18.65026	16 40 51.68	+36 09 44.0		349	C/2000 X9	2000 12 03.65979	16 40 40.8	-20 35 35		249
C/2000 WM ₁	2002 06 18.65443	16 40 51.26	+36 09 43.2		349	Geocentric position (AU)	-0.00683322	-0.00734314	-0.00370373		
C/2000 WM ₁	2002 06 18.65767	16 40 50.93	+36 09 42.7		349	C/2000 X9	2000 12 03.67090	16 40 42.2	-20 32 53		249
C/2000 WM ₁	2002 06 18.65975	16 40 50.72	+36 09 42.4	13.8 T	349	Geocentric position (AU)	-0.00683208	-0.00734366	-0.00370366		
C/2000 WM ₁	2002 06 18.86537	16 40 30.43	+36 09 19.5	14.7 N	235	C/2000 X9	2000 12 03.68479	16 40 45.4	-20 30 11		249
C/2000 WM ₁	2002 06 18.89042	16 40 28.03	+36 09 15.4		201	Geocentric position (AU)	-0.00683065	-0.00734432	-0.00370358		
C/2000 WM ₁	2002 06 18.90047	16 40 27.11	+36 09 14.1		201	C/2000 X9	2000 12 03.70145	16 40 49.0	-20 25 59		249
C/2000 WM ₁	2002 06 18.90781	16 40 26.37	+36 09 14.2		201	Geocentric position (AU)	-0.00682894	-0.00734510	-0.00370349		
C/2000 WM ₁	2002 06 18.92155	16 40 24.96	+36 09 10.4		A46	C/2000 X9	2000 12 03.71256	16 40 47.7	-20 23 06		249
C/2000 WM ₁	2002 06 18.92266	16 40 24.82	+36 09 10.5		A46	Geocentric position (AU)	-0.00682780	-0.00734562	-0.00370342		
C/2000 WM ₁	2002 06 18.92490	16 40 24.63	+36 09 10.1		A46	C/2001 B2 (NEAT)					
C/2000 WM ₁	2002 06 18.92715	16 40 24.39	+36 09 09.4		A46	C/2001 B2	2002 03 10.91644	09 37 29.58	+13 22 48.3	17.4 T	239
C/2000 WM ₁	2002 06 18.92828	16 40 24.26	+36 09 11.2	14.4 N	213	C/2001 B2	2002 03 10.92477	09 37 29.14	+13 22 52.2	17.4 T	239
C/2000 WM ₁	2002 06 18.92828	16 40 24.28	+36 09 08.9		A46	C/2001 B2	2002 03 10.94780	09 37 28.02	+13 23 01.4	17.5 T	239
C/2000 WM ₁	2002 06 18.92940	16 40 24.17	+36 09 09.2		A46	C/2001 B2	2002 03 10.95463	09 37 27.69	+13 23 03.8	17.5 T	239
C/2000 WM ₁	2002 06 19.53716	16 39 24.61	+36 07 52.3		355	C/2001 C1 (LINEAR)					
C/2000 WM ₁	2002 06 19.53979	16 39 24.37	+36 07 51.7		355	C/2001 C1	2002 06 03.34815	13 01 07.88	-65 35 22.6	16.1 T	474
C/2000 WM ₁	2002 06 19.54408	16 39 23.92	+36 07 50.9		355	C/2001 C1	2002 06 03.35168	13 01 07.60	-65 35 22.4	16.0 T	474
C/2000 WM ₁	2002 06 19.99006	16 38 40.75	+36 06 46.8	15.1 N	620	C/2001 C1	2002 06 03.35463	13 01 07.60	-65 35 21.5	16.0 T	474
C/2000 WM ₁	2002 06 19.99370	16 38 40.38	+36 06 46.3	13.9 T	620	C/2001 C1	2002 06 03.35810	13 01 06.28	-65 35 21.6		2 474
C/2000 WM ₁	2002 06 19.99735	16 38 40.02	+36 06 45.8		620	C/2001 H8 (SOHO)					
C/2000 WM ₁	2002 06 22.91708	16 34 10.60	+35 57 47.4		A46	C/2001 H8	2001 04 17.74590	01 48 42.9	+09 33 20		249
C/2000 WM ₁	2002 06 22.92049	16 34 10.32	+35 57 47.0		A46	Geocentric position (AU)	+0.00932834	+0.00602362	+0.00164300		
C/2000 WM ₁	2002 06 22.92161	16 34 10.23	+35 57 46.5		A46	C/2001 H8	2001 04 17.77091	01 48 26.6	+09 35 36		249
C/2000 WM ₁	2002 06 22.92612	16 34 09.78	+35 57 45.3		A46	Geocentric position (AU)	+0.00932796	+0.00602470	+0.00164328		
C/2000 WM ₁	2002 06 22.92725	16 34 09.67	+35 57 44.5		A46	C/2001 H8	2001 04 17.81374	01 47 47.8	+09 40 29		249
C/2000 WM ₁	2002 06 22.95094	16 34 07.59	+35 57 40.4	14.6 N	213	Geocentric position (AU)	+0.00932732	+0.00602656	+0.00164375		
C/2000 WM ₁	2002 06 22.95402	16 34 07.35	+35 57 39.6	14.6 N	213	C/2001 H8	2001 04 17.82923	01 47 33.6	+09 43 36		249
C/2000 WM ₁	2002 06 22.95506	16 34 07.15	+35 57 39.7	14.8 T	504	Geocentric position (AU)	+0.00932709	+0.00602723	+0.00164392		
C/2000 WM ₁	2002 06 22.95554	16 34 07.18	+35 57 40.1	15.1 T	504						
C/2000 WM ₁	2002 06 22.95601	16 34 07.12	+35 57 41.1	15.1 T	504						

C/2001 H8	2001 04 17.83756	01 47 28.7	+09 45 06		249	C/2001 K5	2002 05 25.04809	16 49 09.92	+13 28 14.6	14.3 N	232
Geocentric position (AU)	+0.00932696	+0.00602759	+0.00164401			C/2001 K5	2002 05 25.56383	16 48 51.26	+13 33 18.9	14.0 T	367
C/2001 H8	2001 04 17.85423	01 47 14.6	+09 47 42		249	C/2001 K5	2002 05 25.56499	16 48 51.20	+13 33 19.5		367
Geocentric position (AU)	+0.00932671	+0.00602831	+0.00164420			C/2001 K5	2002 05 25.56614	16 48 51.20	+13 33 19.6		367
C/2001 HT₅₀ (LINEAR-NEAT)						C/2001 K5	2002 05 25.99763	16 48 35.29	+13 37 32.1	14.3 N	941
C/2001 HT ₅₀	2002 05 24.87353	09 42 52.47	-02 07 36.6	15.2 T	232	C/2001 K5	2002 05 26.00105	16 48 35.21	+13 37 34.1	14.3 N	941
C/2001 HT ₅₀	2002 05 24.88218	09 42 52.37	-02 07 33.3	15.2 T	232	C/2001 K5	2002 05 26.00441	16 48 35.05	+13 37 36.3	14.4 N	941
C/2001 HT ₅₀	2002 05 28.46742	09 41 49.47	-01 51 54.5	15.6 T	360	C/2001 K5	2002 05 26.00765	16 48 34.94	+13 37 38.1	14.4 N	941
C/2001 HT ₅₀	2002 05 28.47133	09 41 49.41	-01 51 53.4		360	C/2001 K5	2002 05 26.02089	16 48 34.46	+13 37 44.7	14.2 T	939
C/2001 HT ₅₀	2002 05 28.47385	09 41 49.36	-01 51 52.8		360	C/2001 K5	2002 05 26.02683	16 48 34.26	+13 37 48.4	14.2 T	939
C/2001 K5 (LINEAR)						C/2001 K5	2002 05 26.03274	16 48 34.05	+13 37 52.3	14.2 T	939
C/2001 K5	2002 05 04.92078	17 00 09.05	+09 49 28.5	12.1 T	A50	C/2001 K5	2002 05 29.56073	16 46 23.68	+14 11 24.9		340
C/2001 K5	2002 05 06.05215	16 59 37.12	+10 02 38.4		A50	C/2001 K5	2002 05 29.56216	16 46 23.64	+14 11 26.1		340
C/2001 K5	2002 05 07.01963	16 59 09.31	+10 13 49.3		A50	C/2001 K5	2002 05 29.56405	16 46 23.55	+14 11 26.3	14.3 T	340
C/2001 K5	2002 05 07.04291	16 59 08.63	+10 14 05.2		A50	C/2001 K5	2002 05 30.05358	16 46 05.22	+14 15 56.2	14.7 T	620
C/2001 K5	2002 05 07.97322	16 58 41.42	+10 24 47.6		A50	C/2001 K5	2002 05 30.05600	16 46 05.11	+14 15 57.9		620
C/2001 K5	2002 05 08.01108	16 58 40.24	+10 25 13.3		A50	C/2001 K5	2002 05 30.05843	16 46 05.03	+14 15 59.1		620
C/2001 K5	2002 05 08.94411	16 58 12.41	+10 35 54.0		A50	C/2001 K5	2002 05 30.06084	16 46 04.93	+14 16 00.3		620
C/2001 K5	2002 05 10.00968	16 57 40.00	+10 48 01.4		A50	C/2001 K5	2002 05 30.91878	16 45 32.84	+14 23 52.6	14.5 N	235
C/2001 K5	2002 05 11.94877	16 56 39.67	+11 09 51.5	12.5 T	A50	C/2001 K5	2002 05 30.92504	16 45 32.70	+14 23 53.6	14.8 N	458
C/2001 K5	2002 05 12.94958	16 56 07.71	+11 21 01.8		A50	C/2001 K5	2002 05 30.93101	16 45 32.51	+14 23 58.4	14.8 N	458
C/2001 K5	2002 05 15.98983	16 54 27.86	+11 54 22.1		127	C/2001 K5	2002 05 30.99723	16 45 29.92	+14 24 31.5	14.9 T	J95
C/2001 K5	2002 05 15.99725	16 54 27.57	+11 54 26.8		127	C/2001 K5	2002 05 30.99910	16 45 29.86	+14 24 32.8	14.8 T	J95
C/2001 K5	2002 05 16.00627	16 54 27.29	+11 54 32.7		127	C/2001 K5	2002 05 31.00049	16 45 29.82	+14 24 32.5	14.8 T	J95
C/2001 K5	2002 05 19.02881	16 52 44.27	+12 26 51.3	14.4 T	952	C/2001 K5	2002 05 31.00174	16 45 29.75	+14 24 32.2	14.7 T	J95
C/2001 K5	2002 05 19.03228	16 52 44.15	+12 26 53.7	14.5 T	952	C/2001 K5	2002 05 31.01676	16 45 29.20	+14 24 40.5	14.6 T	J95
C/2001 K5	2002 05 19.04994	16 52 43.55	+12 27 04.3	14.5 T	952	C/2001 K5	2002 05 31.01821	16 45 29.16	+14 24 43.0	14.8 T	J95
C/2001 K5	2002 05 19.99019	16 52 10.73	+12 36 55.7	15.2 N	232	C/2001 K5	2002 05 31.03846	16 45 28.34	+14 24 54.4	14.7 T	J95
C/2001 K5	2002 05 20.00699	16 52 10.17	+12 37 06.1	15.2 N	232	C/2001 K5	2002 05 31.95737	16 44 54.03	+14 33 14.2	14.5 N	170
C/2001 K5	2002 05 20.88154	16 51 39.57	+12 46 11.6		611	C/2001 K5	2002 05 31.96748	16 44 53.58	+14 33 18.9	14.3 N	213
C/2001 K5	2002 05 20.88537	16 51 39.42	+12 46 14.0		611	C/2001 K5	2002 05 31.96980	16 44 53.57	+14 33 19.3	14.3 N	213
C/2001 K5	2002 05 21.00721	16 51 35.05	+12 47 29.5		A50	C/2001 K5	2002 06 01.05603	16 44 50.22	+14 34 05.9	14.4 N	232
C/2001 K5	2002 05 21.02462	16 51 34.40	+12 47 40.2	12.8 T	A50	C/2001 K5	2002 06 01.09169	16 44 48.83	+14 34 25.0	14.4 N	232
C/2001 K5	2002 05 21.60056	16 51 14.08	+12 53 35.4		349	C/2001 K5	2002 06 01.50120	16 44 33.63	+14 38 05.3		349
C/2001 K5	2002 05 21.60277	16 51 13.98	+12 53 36.9		349	C/2001 K5	2002 06 01.50315	16 44 33.60	+14 38 06.3		349
C/2001 K5	2002 05 21.60438	16 51 13.92	+12 53 37.9		349	C/2001 K5	2002 06 01.50479	16 44 33.48	+14 38 08.1		349
C/2001 K5	2002 05 21.60600	16 51 13.90	+12 53 39.4	14.4 T	349	C/2001 K5	2002 06 01.50623	16 44 33.42	+14 38 08.8		349
C/2001 K5	2002 05 21.65382	16 51 12.15	+12 54 08.0		342	C/2001 K5	2002 06 01.50910	16 44 33.35	+14 38 09.8	14.3 T	349
C/2001 K5	2002 05 21.66840	16 51 11.64	+12 54 17.2		342	C/2001 K5	2002 06 01.62400	16 44 28.97	+14 39 11.3	14.3 T	360
C/2001 K5	2002 05 21.89775	16 51 03.52	+12 56 38.2		A50	C/2001 K5	2002 06 01.62668	16 44 28.86	+14 39 13.0		360
C/2001 K5	2002 05 24.56129	16 49 27.78	+13 23 26.7		340	C/2001 K5	2002 06 02.03181	16 44 13.53	+14 42 45.3	13.8 T	939
C/2001 K5	2002 05 24.56554	16 49 27.63	+13 23 29.0		340	C/2001 K5	2002 06 02.03777	16 44 13.29	+14 42 48.3	13.8 T	939
C/2001 K5	2002 05 24.57034	16 49 27.45	+13 23 32.1	14.3 T	340	C/2001 K5	2002 06 02.04367	16 44 13.06	+14 42 51.5	13.8 T	939
C/2001 K5	2002 05 24.92373	16 49 14.56	+13 27 01.4	14.6 N	213	C/2001 K5	2002 06 02.29627	16 44 03.65	+14 44 59.7	14.8 T	704
C/2001 K5	2002 05 24.92598	16 49 14.55	+13 27 02.3	14.6 N	213	C/2001 K5	2002 06 02.30997	16 44 03.01	+14 45 06.5	14.7 T	704
C/2001 K5	2002 05 24.99663	16 49 11.96	+13 27 44.3	14.4 N	445	C/2001 K5	2002 06 02.32384	16 44 02.61	+14 45 18.3	14.8 T	704
C/2001 K5	2002 05 25.00274	16 49 11.68	+13 27 48.6	14.3 N	445	C/2001 K5	2002 06 02.33755	16 44 02.00	+14 45 22.8	15.3 T	704
C/2001 K5	2002 05 25.00699	16 49 11.46	+13 27 51.3	14.4 N	445	C/2001 K5	2002 06 02.35126	16 44 01.33	+14 45 30.5	15.7 T	704
C/2001 K5	2002 05 25.01580	16 49 11.16	+13 27 55.2	14.2 N	232	C/2001 K5	2002 06 02.53542	16 43 54.72	+14 47 12.0		340
C/2001 K5	2002 05 25.01757	16 49 11.12	+13 27 55.2	14.1 T	939	C/2001 K5	2002 06 02.53924	16 43 54.58	+14 47 13.4		340
C/2001 K5	2002 05 25.02347	16 49 10.90	+13 27 58.8	14.0 T	939	C/2001 K5	2002 06 02.54794	16 43 54.23	+14 47 18.7	13.7 T	340
C/2001 K5	2002 05 25.02940	16 49 10.68	+13 28 02.5	14.1 T	939	C/2001 K5	2002 06 02.96670	16 43 38.40	+14 50 56.2	14.4 N	620
						C/2001 K5	2002 06 02.97083	16 43 38.24	+14 50 58.3		620

C/2001 K5	2002 06 02.98546	16 43 37.67	+14 51 05.6		620	C/2001 K5	2002 06 15.05116	16 36 06.71	+16 24 39.9	14.1 T	939
C/2001 K5	2002 06 03.29815	16 43 26.04	+14 53 42.0	15.3 T	704	C/2001 K5	2002 06 15.05300	16 36 06.62	+16 24 41.8	14.1 N	232
C/2001 K5	2002 06 03.31196	16 43 25.43	+14 53 52.6	16.4 T	704	C/2001 K5	2002 06 15.05706	16 36 06.49	+16 24 42.0	14.2 T	939
C/2001 K5	2002 06 03.32578	16 43 24.89	+14 54 00.3	16.7 T	704	C/2001 K5	2002 06 15.06295	16 36 06.25	+16 24 44.0	14.1 T	939
C/2001 K5	2002 06 03.33958	16 43 24.44	+14 54 09.1	16.5 T	704	C/2001 K5	2002 06 15.07066	16 36 05.90	+16 24 49.0	14.1 N	232
C/2001 K5	2002 06 03.35339	16 43 23.60	+14 54 13.8	15.7 T	704	C/2001 K5	2002 06 15.08411	16 36 05.47	+16 24 54.7	14.1 N	232
C/2001 K5	2002 06 05.52154	16 42 02.15	+15 12 36.7		340	C/2001 K5	2002 06 15.94650	16 35 34.12	+16 30 44.2	14.5 N	445
C/2001 K5	2002 06 05.52309	16 42 02.10	+15 12 37.5		340	C/2001 K5	2002 06 15.97000	16 35 33.33	+16 30 53.6	14.5 N	445
C/2001 K5	2002 06 05.52441	16 42 02.01	+15 12 38.3		340	C/2001 K5	2002 06 16.03171	16 35 31.03	+16 31 17.2	14.4 T	939
C/2001 K5	2002 06 05.52551	16 42 01.97	+15 12 38.7	13.8 T	340	C/2001 K5	2002 06 16.03770	16 35 30.80	+16 31 19.5	14.4 T	939
C/2001 K5	2002 06 06.66720	16 41 18.82	+15 22 01.0	14 T	888	C/2001 K5	2002 06 16.04369	16 35 30.57	+16 31 21.6	14.4 T	939
C/2001 K5	2002 06 06.67139	16 41 18.66	+15 22 03.1		888	C/2001 K5	2002 06 18.23942	16 34 11.83	+16 45 33.9	15.9 T	704
C/2001 K5	2002 06 06.67447	16 41 18.53	+15 22 04.5		888	C/2001 K5	2002 06 18.25298	16 34 11.26	+16 45 41.5	16.8 T	704
C/2001 K5	2002 06 06.67836	16 41 18.38	+15 22 06.3		888	C/2001 K5	2002 06 18.26609	16 34 10.71	+16 45 46.3	17.6 T	704
C/2001 K5	2002 06 06.70392	16 41 17.44	+15 22 19.0		349	C/2001 K5	2002 06 18.27921	16 34 10.30	+16 45 54.5	17.0 T	704
C/2001 K5	2002 06 06.70627	16 41 17.36	+15 22 20.1		349	C/2001 K5	2002 06 18.29227	16 34 09.54	+16 45 54.7	16.2 T	704
C/2001 K5	2002 06 06.70818	16 41 17.28	+15 22 21.0		349	C/2001 K5	2002 06 18.50598	16 34 02.21	+16 47 19.5		340
C/2001 K5	2002 06 06.71006	16 41 17.22	+15 22 21.9	14.2 T	349	C/2001 K5	2002 06 18.51061	16 34 02.05	+16 47 21.4		340
C/2001 K5	2002 06 08.92669	16 39 53.87	+15 39 58.1	13.9 N	170	C/2001 K5	2002 06 18.51508	16 34 01.89	+16 47 23.1	14.0 T	340
C/2001 K5	2002 06 09.50611	16 39 32.26	+15 44 26.7	14.3 T	349	C/2001 K5	2002 06 18.64140	16 33 57.31	+16 48 10.0	14.2 T	349
C/2001 K5	2002 06 09.50813	16 39 32.18	+15 44 27.8		349	C/2001 K5	2002 06 18.64322	16 33 57.24	+16 48 10.7		349
C/2001 K5	2002 06 09.50927	16 39 32.15	+15 44 28.2		349	C/2001 K5	2002 06 18.64465	16 33 57.19	+16 48 11.0		349
C/2001 K5	2002 06 09.51051	16 39 32.13	+15 44 28.6		349	C/2001 K5	2002 06 18.64591	16 33 57.14	+16 48 11.7		349
C/2001 K5	2002 06 09.51455	16 39 32.00	+15 44 31.3		340	C/2001 K5	2002 06 18.88464	16 33 48.74	+16 49 42.7	14.4 N	235
C/2001 K5	2002 06 09.51847	16 39 31.82	+15 44 32.8		340	C/2001 K5	2002 06 18.89400	16 33 48.44	+16 49 44.9		201
C/2001 K5	2002 06 09.52184	16 39 31.69	+15 44 34.2		340	C/2001 K5	2002 06 18.90209	16 33 48.15	+16 49 46.4		201
C/2001 K5	2002 06 09.52464	16 39 31.58	+15 44 35.6	14.2 T	340	C/2001 K5	2002 06 18.90410	16 33 48.01	+16 49 46.9		A46
C/2001 K5	2002 06 09.60847	16 39 28.38	+15 45 13.6		349	C/2001 K5	2002 06 18.90634	16 33 47.92	+16 49 47.8		A46
C/2001 K5	2002 06 09.60892	16 39 28.38	+15 45 15.2	14.2 T	360	C/2001 K5	2002 06 18.90748	16 33 47.88	+16 49 48.4		A46
C/2001 K5	2002 06 09.61141	16 39 28.27	+15 45 16.4		360	C/2001 K5	2002 06 18.90860	16 33 47.85	+16 49 48.6		A46
C/2001 K5	2002 06 09.61557	16 39 28.11	+15 45 17.3		349	C/2001 K5	2002 06 18.90972	16 33 47.80	+16 49 49.0		A46
C/2001 K5	2002 06 09.86183	16 39 18.89	+15 47 09.9	14.0 N	213	C/2001 K5	2002 06 18.90999	16 33 47.90	+16 49 49.4		201
C/2001 K5	2002 06 09.87226	16 39 18.50	+15 47 14.8	14.0 N	213	C/2001 K5	2002 06 18.91000	16 33 47.79	+16 49 50.7	13.9 N	213
C/2001 K5	2002 06 11.86805	16 38 04.18	+16 02 11.9	14.3 N	235	C/2001 K5	2002 06 18.91086	16 33 47.75	+16 49 49.3		A46
C/2001 K5	2002 06 11.91709	16 38 02.24	+16 02 31.6	13.9 N	170	C/2001 K5	2002 06 18.91162	16 33 47.72	+16 49 51.1	13.9 N	213
C/2001 K5	2002 06 12.90483	16 37 25.67	+16 09 42.4	14.3 T	233	C/2001 K5	2002 06 18.91198	16 33 47.71	+16 49 49.9		A46
C/2001 K5	2002 06 12.90774	16 37 25.47	+16 09 43.0	14.3 T	233	C/2001 K5	2002 06 21.95382	16 32 01.47	+17 08 01.4	14.3 N	232
C/2001 K5	2002 06 12.91057	16 37 25.42	+16 09 44.5	14.4 T	233	C/2001 K5	2002 06 21.96029	16 32 01.24	+17 08 04.5	14.3 N	232
C/2001 K5	2002 06 12.91414	16 37 25.28	+16 09 46.2	14.5 T	233	C/2001 K5	2002 06 21.96836	16 32 00.98	+17 08 07.6	14.3 N	232
C/2001 K5	2002 06 12.91861	16 37 25.12	+16 09 47.8	14.5 T	233	C/2001 K5	2002 06 22.89333	16 31 29.28	+17 13 19.7		A46
C/2001 K5	2002 06 14.25497	16 36 35.79	+16 19 05.6	13.7 T	644	C/2001 K5	2002 06 22.89446	16 31 29.25	+17 13 19.5		A46
C/2001 K5	2002 06 14.28288	16 36 34.75	+16 19 17.1	13.6 T	644	C/2001 K5	2002 06 22.89671	16 31 29.18	+17 13 20.4		A46
C/2001 K5	2002 06 14.32593	16 36 33.15	+16 19 35.4	13.7 T	644	C/2001 K5	2002 06 22.89897	16 31 29.10	+17 13 20.8		A46
C/2001 K5	2002 06 14.92478	16 36 11.37	+16 23 50.3	14.3 N	170	C/2001 K5	2002 06 22.90123	16 31 29.03	+17 13 21.5		A46
C/2001 K5	2002 06 14.93583	16 36 11.00	+16 23 52.5	14.0 N	213	C/2001 K5	2002 06 22.90236	16 31 28.98	+17 13 21.9		A46
C/2001 K5	2002 06 14.93736	16 36 11.00	+16 23 54.4	14.0 N	213	C/2001 K5	2002 06 22.90350	16 31 28.95	+17 13 21.9		A46
C/2001 K5	2002 06 14.99950	16 36 08.58	+16 24 18.8		A46	C/2001 K5	2002 06 22.90462	16 31 28.91	+17 13 22.5		A46
C/2001 K5	2002 06 15.00064	16 36 08.52	+16 24 19.4		A46	C/2001 K5	2002 06 22.94660	16 31 27.48	+17 13 39.3	14.6 N	445
C/2001 K5	2002 06 15.00176	16 36 08.50	+16 24 20.2		A46	C/2001 K5	2002 06 22.95095	16 31 27.34	+17 13 39.5	14.5 N	445
C/2001 K5	2002 06 15.00288	16 36 08.45	+16 24 20.5		A46	C/2001 K5	2002 06 22.96319	16 31 26.92	+17 13 43.4	14.6 N	213
C/2001 K5	2002 06 15.00626	16 36 08.34	+16 24 22.0		A46	C/2001 K5	2002 06 22.96591	16 31 26.81	+17 13 45.8	14.5 T	504
C/2001 K5	2002 06 15.00738	16 36 08.28	+16 24 22.4		A46	C/2001 K5	2002 06 22.96628	16 31 26.81	+17 13 44.1	14.6 N	213
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C/2001 K5	2002 06 22.96788	16 31 26.76	+17 13 46.4	14.3 T	504	C/2001 N2	2002 06 01.37672	19 15 23.90	+21 52 40.1	16.9 T	704
C/2001 K5	2002 06 22.96882	16 31 26.73	+17 13 46.5	14.5 T	504	C/2001 N2	2002 06 01.39056	19 15 21.37	+21 52 39.6	17.0 T	704
C/2001 K5	2002 06 22.96931	16 31 26.69	+17 13 47.0	14.4 T	504	C/2001 N2	2002 06 01.40439	19 15 19.12	+21 52 40.6	16.9 T	704
C/2001 K5	2002 06 22.97082	16 31 26.67	+17 13 46.9	14.5 T	504	C/2001 N2	2002 06 01.41824	19 15 16.62	+21 52 39.7	17.0 T	704
C/2001 K5	2002 06 22.97130	16 31 26.65	+17 13 47.0	14.5 T	504	C/2001 N2	2002 06 01.89722	19 13 53.46	+21 52 56.6		611
C/2001 K5	2002 06 22.97214	16 31 26.60	+17 13 47.3	14.4 T	504	C/2001 N2	2002 06 01.89932	19 13 53.10	+21 52 56.8		611
C/2001 K5	2002 06 22.97262	16 31 26.61	+17 13 48.1	14.5 T	504	C/2001 N2	2002 06 01.90154	19 13 52.71	+21 52 56.9		611
C/2001 N2 (LINEAR)						C/2001 N2	2002 06 01.98707	19 13 37.81	+21 52 59.4	15.6 T	213
C/2001 N2	2002 05 20.14324	19 45 56.00	+21 16 25.5	15.4 T	232	C/2001 N2	2002 06 01.99206	19 13 36.88	+21 52 59.9	15.6 T	213
C/2001 N2	2002 05 20.15478	19 45 54.64	+21 16 29.8		232	C/2001 N2	2002 06 02.09387	19 13 18.84	+21 53 02.3	14.9 T	613
C/2001 N2	2002 05 20.72346	19 44 41.93	+21 19 07.6	14.7 T	360	C/2001 N2	2002 06 02.09491	19 13 18.66	+21 53 02.7	14.9 T	613
C/2001 N2	2002 05 20.72601	19 44 41.62	+21 19 08.4		360	C/2001 N2	2002 06 02.09647	19 13 18.39	+21 53 02.5	15.2 T	939
C/2001 N2	2002 05 21.63582	19 42 42.79	+21 23 12.8		349	C/2001 N2	2002 06 02.10241	19 13 17.35	+21 53 03.4	15.2 T	939
C/2001 N2	2002 05 21.63822	19 42 42.51	+21 23 12.5		349	C/2001 N2	2002 06 02.10831	19 13 16.31	+21 53 03.5	15.2 T	939
C/2001 N2	2002 05 21.64212	19 42 42.06	+21 23 15.4		349	C/2001 N2	2002 06 02.59611	19 11 50.38	+21 53 11.6		340
C/2001 N2	2002 05 21.64406	19 42 41.71	+21 23 15.4	14.7 T	349	C/2001 N2	2002 06 02.59919	19 11 49.88	+21 53 10.3		340
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C/2001 N2	2002 05 23.64375	19 38 09.53	+21 31 32.7		342	C/2001 N2	2002 06 03.04223	19 10 30.80	+21 53 12.6	15.4 N	620
C/2001 N2	2002 05 24.60763	19 35 53.10	+21 35 06.2		340	C/2001 N2	2002 06 03.04950	19 10 29.45	+21 53 13.0		620
C/2001 N2	2002 05 24.60925	19 35 52.80	+21 35 06.6		340	C/2001 N2	2002 06 03.05920	19 10 27.71	+21 53 13.7		620
C/2001 N2	2002 05 24.61157	19 35 52.53	+21 35 06.7	15.0 T	340	C/2001 N2	2002 06 04.04609	19 07 29.20	+21 52 54.5	15.2 T	118
C/2001 N2	2002 05 25.05625	19 34 48.33	+21 36 41.7	15.1 T	939	C/2001 N2	2002 06 04.04748	19 07 28.95	+21 52 54.8		118
C/2001 N2	2002 05 25.06220	19 34 47.46	+21 36 42.8	15.1 T	939	C/2001 N2	2002 06 04.04987	19 07 28.54	+21 52 54.1		118
C/2001 N2	2002 05 25.06807	19 34 46.56	+21 36 43.9	15.1 T	939	C/2001 N2	2002 06 04.05337	19 07 27.88	+21 52 54.8		118
C/2001 N2	2002 05 25.12234	19 34 38.59	+21 36 54.9	15.3 T	232	C/2001 N2	2002 06 04.66652	19 05 35.35	+21 52 29.8		349
C/2001 N2	2002 05 25.97343	19 32 33.58	+21 39 43.0	15.4 T	170	C/2001 N2	2002 06 04.67047	19 05 34.56	+21 52 29.2		349
C/2001 N2	2002 05 25.97854	19 32 33.00	+21 39 44.7	15.4 T	170	C/2001 N2	2002 06 04.67259	19 05 34.19	+21 52 29.1	14.6 T	349
C/2001 N2	2002 05 25.98771	19 32 31.48	+21 39 46.5	15.5 T	213	C/2001 N2	2002 06 05.57065	19 02 46.87	+21 51 30.3		340
C/2001 N2	2002 05 25.98949	19 32 31.24	+21 39 46.2	15.5 T	213	C/2001 N2	2002 06 05.57209	19 02 46.59	+21 51 29.8		340
C/2001 N2	2002 05 26.00182	19 32 29.28	+21 39 48.7		201	C/2001 N2	2002 06 05.57794	19 02 45.54	+21 51 29.8		340
C/2001 N2	2002 05 26.00597	19 32 28.65	+21 39 50.2		201	C/2001 N2	2002 06 05.58168	19 02 44.73	+21 51 28.8	14.1 T	340
C/2001 N2	2002 05 26.01244	19 32 27.77	+21 39 52.5		201	C/2001 N2	2002 06 05.69198	19 02 23.91	+21 51 20.5	14.1 T	360
C/2001 N2	2002 05 26.01524	19 32 27.37	+21 39 51.9	15.4 T	941	C/2001 N2	2002 06 05.69499	19 02 23.33	+21 51 20.2		360
C/2001 N2	2002 05 26.01851	19 32 26.83	+21 39 52.3	15.4 T	941	C/2001 N2	2002 06 09.55154	18 49 52.36	+21 41 45.9		340
C/2001 N2	2002 05 26.02174	19 32 26.39	+21 39 52.9	15.4 T	941	C/2001 N2	2002 06 09.55550	18 49 51.53	+21 41 45.3		340
C/2001 N2	2002 05 26.03659	19 32 24.29	+21 39 55.4	15.5 T	939	C/2001 N2	2002 06 09.56002	18 49 50.63	+21 41 43.9	13.5 T	340
C/2001 N2	2002 05 26.04050	19 32 23.71	+21 39 56.0	15.5 T	939	C/2001 N2	2002 06 09.56002	18 49 50.63	+21 41 43.9	13.5 T	340
C/2001 N2	2002 05 26.04441	19 32 23.12	+21 39 56.8	15.6 T	939	C/2001 N2	2002 06 11.94466	18 41 43.50	+21 31 18.4	15.0 T	170
C/2001 N2	2002 05 29.08533	19 24 32.68	+21 47 57.1		619	C/2001 N2	2002 06 14.96936	18 31 04.24	+21 12 50.8	15.0 T	213
C/2001 N2	2002 05 29.08650	19 24 32.32	+21 47 57.7		619	C/2001 N2	2002 06 14.98089	18 31 01.74	+21 12 46.1	15.0 T	213
C/2001 N2	2002 05 29.08766	19 24 32.18	+21 47 58.2		619	C/2001 N2	2002 06 15.00377	18 30 56.73	+21 12 36.1		201
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C/2001 N2	2002 05 30.11303	19 21 45.49	+21 49 53.9		620	C/2001 N2	2002 06 15.06240	18 30 44.01	+21 12 10.7	15.0 T	232
C/2001 N2	2002 05 30.99041	19 19 19.88	+21 51 14.1	15.6 T	J95	C/2001 N2	2002 06 15.07807	18 30 40.76	+21 12 04.2	15.0 T	232
C/2001 N2	2002 05 30.99236	19 19 19.58	+21 51 12.6	15.1 T	J95	C/2001 N2	2002 06 15.09005	18 30 38.11	+21 11 59.1	15.1 T	232
C/2001 N2	2002 05 30.99389	19 19 19.38	+21 51 13.5	15.5 T	J95	C/2001 N2	2002 06 15.10287	18 30 35.40	+21 11 53.8	15.2 T	939
C/2001 N2	2002 05 31.00800	19 19 17.04	+21 51 14.1	15.0 T	J95	C/2001 N2	2002 06 15.12470	18 30 30.70	+21 11 44.2	15.3 T	939
C/2001 N2	2002 05 31.03545	19 19 12.39	+21 51 15.5	15.8 T	J95	C/2001 N2	2002 06 15.62146	18 28 43.72	+21 08 03.7		340
C/2001 N2	2002 06 01.06476	19 16 17.67	+21 52 21.7	15.2 T	232	C/2001 N2	2002 06 15.62471	18 28 43.03	+21 08 02.4		340
C/2001 N2	2002 06 01.09781	19 16 11.94	+21 52 27.2	15.1 T	232	C/2001 N2	2002 06 15.62714	18 28 42.48	+21 08 01.6		340
						C/2001 N2	2002 06 15.62962	18 28 42.00	+21 08 00.6	13.9 T	340
						C/2001 N2	2002 06 16.04352	18 27 12.35	+21 04 48.8	15.3 T	170

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P/2002 BV	2002 06 19.92216	15 40 33.69	-30 02 56.0	16.3 T	213	C/2002 C1	2002 05 20.83566	16 14 36.38	+31 49 33.6		104
C/2002 B1 (LINEAR)						C/2002 C1	2002 05 20.85640	16 14 31.48	+31 47 55.2	11.1 N	170
C/2002 B1	2002 05 31.90475	09 17 37.53	+61 53 33.6	17.4 T	215	C/2002 C1	2002 05 20.88219	16 14 25.35	+31 45 55.0	11.0 N	170
C/2002 B1	2002 05 31.90578	09 17 37.79	+61 53 32.5	17.5 T	215	C/2002 C1	2002 05 21.24148	16 13 01.84	+31 17 52.5	17.6 T	704
C/2002 C1 (Ikeya-Zhang)						C/2002 C1	2002 05 21.25636	16 12 58.28	+31 16 43.2	18.2 T	704
C/2002 C1	2002 02 24.41537	00 52 06.01	-03 39 11.0	8.0 T	351	C/2002 C1	2002 05 21.27224	16 12 54.83	+31 15 28.3	17.7 T	704
C/2002 C1	2002 02 24.42135	00 52 06.69	-03 38 54.2		351	C/2002 C1	2002 05 21.30256	16 12 46.98	+31 13 06.0	9.0 T	785
C/2002 C1	2002 02 24.42710	00 52 07.53	-03 38 39.0		351	C/2002 C1	2002 05 21.35777	16 12 34.25	+31 08 46.6	9.5 T	785
C/2002 C1	2002 04 17.99038	22 54 37.87	+57 47 38.1		143	C/2002 C1	2002 05 21.54531	16 11 52.98	+30 54 16.6		342
C/2002 C1	2002 04 17.99086	22 54 37.50	+57 47 39.6		143	C/2002 C1	2002 05 21.56614	16 11 48.24	+30 52 40.0		342
C/2002 C1	2002 04 17.99133	22 54 37.09	+57 47 41.1		143	C/2002 C1	2002 05 21.56992	16 11 47.29	+30 52 22.2	8.2 T	355
C/2002 C1	2002 04 17.99277	22 54 35.89	+57 47 45.9		143	C/2002 C1	2002 05 21.57318	16 11 46.51	+30 52 07.5		355
C/2002 C1	2002 04 17.99372	22 54 35.20	+57 47 48.3		143	C/2002 C1	2002 05 21.57655	16 11 45.73	+30 51 51.9		355
C/2002 C1	2002 05 11.86587	17 03 56.63	+44 39 02.8		143	C/2002 C1	2002 05 21.59053	16 11 42.51	+30 50 47.3		349
C/2002 C1	2002 05 11.86634	17 03 56.42	+44 39 00.3		143	C/2002 C1	2002 05 21.59258	16 11 42.03	+30 50 37.8		349
C/2002 C1	2002 05 11.86682	17 03 56.19	+44 38 57.6		143	C/2002 C1	2002 05 21.59315	16 11 41.91	+30 50 35.0		349
C/2002 C1	2002 05 14.84722	16 43 51.38	+40 12 25.4		143	C/2002 C1	2002 05 21.59372	16 11 41.78	+30 50 32.6		349
C/2002 C1	2002 05 14.84817	16 43 51.03	+40 12 20.4		143	C/2002 C1	2002 05 21.59427	16 11 41.65	+30 50 30.1	6.9 T	349
C/2002 C1	2002 05 14.84865	16 43 50.88	+40 12 17.7		143	C/2002 C1	2002 05 21.97951	16 10 16.25	+30 20 53.2		246
C/2002 C1	2002 05 14.84918	16 43 50.65	+40 12 15.1		143	C/2002 C1	2002 05 21.98421	16 10 15.25	+30 20 31.7		246
C/2002 C1	2002 05 14.84965	16 43 50.47	+40 12 12.4		143	C/2002 C1	2002 05 21.98520	16 10 15.02	+30 20 26.8		246
C/2002 C1	2002 05 16.02270	16 37 04.08	+38 29 27.3		127	C/2002 C1	2002 05 23.51076	16 05 00.07	+28 26 15.7		342
C/2002 C1	2002 05 16.02641	16 37 02.82	+38 29 07.8		127	C/2002 C1	2002 05 23.51840	16 04 58.51	+28 25 41.4		342
C/2002 C1	2002 05 16.02924	16 37 01.88	+38 28 53.1		127	C/2002 C1	2002 05 23.88008	16 03 48.31	+27 59 18.3	11.4 N	213
C/2002 C1	2002 05 16.03197	16 37 00.96	+38 28 39.0		127	C/2002 C1	2002 05 23.88740	16 03 46.85	+27 58 45.9	11.6 N	170
C/2002 C1	2002 05 16.88557	16 32 27.74	+37 14 54.6		A46	C/2002 C1	2002 05 23.89493	16 03 45.39	+27 58 12.9	11.6 N	170
C/2002 C1	2002 05 16.88867	16 32 26.75	+37 14 39.0		A46	C/2002 C1	2002 05 23.92457	16 03 39.72	+27 56 05.3	11.3 N	938
C/2002 C1	2002 05 16.89022	16 32 26.28	+37 14 31.1		A46	C/2002 C1	2002 05 23.92560	16 03 39.50	+27 56 00.8	11.1 N	938
C/2002 C1	2002 05 16.89177	16 32 25.80	+37 14 23.1		A46	C/2002 C1	2002 05 23.92660	16 03 39.28	+27 55 56.5	11.1 N	938
C/2002 C1	2002 05 16.89333	16 32 25.29	+37 14 14.8		A46	C/2002 C1	2002 05 23.92760	16 03 39.08	+27 55 52.2	11.1 N	938
C/2002 C1	2002 05 17.90024	16 27 23.36	+35 48 44.2		587	C/2002 C1	2002 05 23.92863	16 03 38.90	+27 55 47.6	11.1 N	938
C/2002 C1	2002 05 18.54764	16 24 20.36	+34 54 42.2		349	C/2002 C1	2002 05 24.58870	16 01 35.12	+27 08 28.0		340
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C/2002 C1	2002 05 18.54941	16 24 19.87	+34 54 33.7		349	C/2002 C1	2002 05 24.59384	16 01 34.18	+27 08 06.3	7.5 T	340
C/2002 C1	2002 05 18.55103	16 24 19.41	+34 54 25.6		349	C/2002 C1	2002 05 24.60712	16 01 31.65	+27 07 09.4		342
C/2002 C1	2002 05 18.55211	16 24 19.11	+34 54 20.1	6.6 T	349	C/2002 C1	2002 05 24.60712	16 01 31.65	+27 07 09.4		342
C/2002 C1	2002 05 18.86285	16 22 54.26	+34 28 32.1		A46	C/2002 C1	2002 05 24.61406	16 01 30.43	+27 06 39.5		342
C/2002 C1	2002 05 18.86396	16 22 53.94	+34 28 27.0		A46	C/2002 C1	2002 05 24.87890	16 00 42.77	+26 47 50.8		201
C/2002 C1	2002 05 18.86508	16 22 53.66	+34 28 21.5		A46	C/2002 C1	2002 05 24.88696	16 00 41.41	+26 47 20.0	11.5 N	213
C/2002 C1	2002 05 18.86734	16 22 53.02	+34 28 11.0		A46	C/2002 C1	2002 05 24.88866	16 00 41.11	+26 47 12.6	11.5 N	213
C/2002 C1	2002 05 19.02567	16 22 10.04	+34 15 15.4		952	C/2002 C1	2002 05 24.89843	16 00 39.12	+26 46 29.2		201
C/2002 C1	2002 05 19.03777	16 22 06.65	+34 14 15.4		212	C/2002 C1	2002 05 24.92521	16 00 34.41	+26 44 40.3	12.3 N	620
C/2002 C1	2002 05 19.04308	16 22 05.01	+34 13 47.8		952	C/2002 C1	2002 05 24.92521	16 00 34.41	+26 44 40.3	12.3 N	620
C/2002 C1	2002 05 19.04679	16 22 04.11	+34 13 30.7		952	C/2002 C1	2002 05 24.94968	16 00 29.91	+26 42 57.4	8.2 T	620
C/2002 C1	2002 05 20.06598	16 17 41.44	+32 50 46.7		232	C/2002 C1	2002 05 24.96642	16 00 26.80	+26 41 46.7		620
C/2002 C1	2002 05 20.06715	16 17 41.17	+32 50 40.9		232	C/2002 C1	2002 05 24.96804	16 00 26.62	+26 41 41.8	12.3 N	445
C/2002 C1	2002 05 20.07963	16 17 38.00	+32 49 41.2		232	C/2002 C1	2002 05 24.96947	16 00 26.31	+26 41 35.3	12.3 N	445
C/2002 C1	2002 05 20.69204	16 15 09.30	+32 00 58.0		360	C/2002 C1	2002 05 24.97222	16 00 25.97	+26 41 21.7	12.3 N	445
C/2002 C1	2002 05 20.69319	16 15 09.02	+32 00 52.1		360	C/2002 C1	2002 05 24.97391	16 00 25.53	+26 41 17.1	12.2 N	445
C/2002 C1	2002 05 20.82990	16 14 37.74	+31 50 00.6	12.0 T	104	C/2002 C1	2002 05 24.98240	16 00 23.97	+26 40 38.1	11.4 T	939
C/2002 C1	2002 05 20.83219	16 14 37.20	+31 49 50.1		104	C/2002 C1	2002 05 24.98610	16 00 23.26	+26 40 22.7	11.3 T	939
						C/2002 C1	2002 05 24.98979	16 00 22.56	+26 40 07.2	11.4 T	939
						C/2002 C1	2002 05 25.00966	16 00 18.88	+26 38 44.1	11.7 N	232
						C/2002 C1	2002 05 25.07737	16 00 06.50	+26 33 57.8	11.8 N	232

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C/2002 C1	2002 05 25.51834	15 58 50.46	+26 03 17.1		349	C/2002 C1	2002 05 30.90467	15 45 48.68	+20 20 03.9	12.0 N	458
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C/2002 C1	2002 05 25.53524	15 58 47.57	+26 02 07.1		367	C/2002 C1	2002 05 31.86286	15 43 56.18	+19 24 51.8	12.1 N	170
C/2002 C1	2002 05 25.53640	15 58 47.37	+26 02 02.5		367	C/2002 C1	2002 05 31.90194	15 43 51.41	+19 22 37.7	12.3 N	235
C/2002 C1	2002 05 25.56326	15 58 42.53	+26 00 12.9		355	C/2002 C1	2002 05 31.93506	15 43 47.54	+19 20 45.6		046
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C/2002 C1	2002 05 25.56520	15 58 42.16	+26 00 04.8		355	C/2002 C1	2002 05 31.93692	15 43 47.32	+19 20 39.3		046
C/2002 C1	2002 05 25.83963	15 57 55.96	+25 41 08.5	12.1 N	213	C/2002 C1	2002 05 31.93853	15 43 47.13	+19 20 33.9		046
C/2002 C1	2002 05 25.84307	15 57 55.31	+25 40 54.3	12.0 N	213	C/2002 C1	2002 05 31.93890	15 43 47.14	+19 20 32.9	12.3 N	215
C/2002 C1	2002 05 25.84416	15 57 55.20	+25 40 50.0	12.1 N	213	C/2002 C1	2002 05 31.93927	15 43 47.08	+19 20 32.2	12.3 N	215
C/2002 C1	2002 05 25.85858	15 57 52.72	+25 39 50.8	11.8 N	170	C/2002 C1	2002 05 31.93990	15 43 47.01	+19 20 29.4	12.3 N	215
C/2002 C1	2002 05 25.86516	15 57 51.54	+25 39 24.1	11.8 N	170	C/2002 C1	2002 05 31.94306	15 43 46.73	+19 20 20.4	11.7 N	232
C/2002 C1	2002 05 25.92393	15 57 41.33	+25 35 23.2		201	C/2002 C1	2002 05 31.95049	15 43 45.82	+19 19 54.5	12.1 N	170
C/2002 C1	2002 05 25.94035	15 57 38.50	+25 34 16.9		201	C/2002 C1	2002 05 31.95950	15 43 44.85	+19 19 24.2	12.3 N	213
C/2002 C1	2002 05 25.94636	15 57 37.51	+25 33 51.6		201	C/2002 C1	2002 05 31.96197	15 43 44.50	+19 19 15.8	12.3 N	213
C/2002 C1	2002 05 25.96241	15 57 34.97	+25 32 50.7	11.8 T	939	C/2002 C1	2002 06 01.00853	15 43 39.05	+19 16 38.0	11.7 N	232
C/2002 C1	2002 05 25.96830	15 57 33.94	+25 32 26.4	11.8 T	939	C/2002 C1	2002 06 01.19997	15 43 17.89	+19 05 50.9	13.2 N	750
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C/2002 C1	2002 05 25.98206	15 57 31.43	+25 31 26.9	11.6 N	941	C/2002 C1	2002 06 01.46630	15 42 48.85	+18 50 58.6		349
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C/2002 C1	2002 05 25.98683	15 57 30.66	+25 31 07.7	11.6 N	941	C/2002 C1	2002 06 01.46786	15 42 48.65	+18 50 53.3		349
C/2002 C1	2002 05 26.59826	15 55 50.57	+24 49 50.9	8.8 T	355	C/2002 C1	2002 06 01.46839	15 42 48.61	+18 50 51.7		349
C/2002 C1	2002 05 26.60002	15 55 50.30	+24 49 43.6		355	C/2002 C1	2002 06 01.46892	15 42 48.55	+18 50 50.1	7.9 T	349
C/2002 C1	2002 05 26.60485	15 55 49.49	+24 49 24.5		355	C/2002 C1	2002 06 01.52618	15 42 42.15	+18 47 39.2		300
C/2002 C1	2002 05 28.84907	15 50 15.34	+22 24 15.4		143	C/2002 C1	2002 06 01.52750	15 42 42.01	+18 47 34.9		300
C/2002 C1	2002 05 28.85241	15 50 14.90	+22 24 02.9		143	C/2002 C1	2002 06 01.52809	15 42 41.93	+18 47 32.9		300
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C/2002 C1	2002 05 28.89112	15 50 09.29	+22 21 38.7	12.0 N	235	C/2002 C1	2002 06 01.53105	15 42 41.60	+18 47 22.5		300
C/2002 C1	2002 05 29.53128	15 48 42.81	+21 42 11.4		340	C/2002 C1	2002 06 01.53164	15 42 41.55	+18 47 21.0		300
C/2002 C1	2002 05 29.53381	15 48 42.46	+21 42 02.3		340	C/2002 C1	2002 06 01.53225	15 42 41.47	+18 47 19.1		300
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C/2002 C1	2002 05 29.57599	15 48 36.64	+21 39 27.6		355	C/2002 C1	2002 06 01.55769	15 42 38.57	+18 45 55.1		360
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C/2002 C1	2002 05 29.57793	15 48 36.35	+21 39 20.7		355	C/2002 C1	2002 06 01.96769	15 41 54.19	+18 23 16.5		246
C/2002 C1	2002 05 29.86434	15 47 59.21	+21 21 54.0		143	C/2002 C1	2002 06 01.96808	15 41 54.16	+18 23 14.8		246
C/2002 C1	2002 05 29.86481	15 47 59.13	+21 21 52.8		143	C/2002 C1	2002 06 01.96849	15 41 54.12	+18 23 13.5		246
C/2002 C1	2002 05 29.86625	15 47 58.94	+21 21 47.3		143	C/2002 C1	2002 06 01.96879	15 41 54.09	+18 23 12.5		246
C/2002 C1	2002 05 29.86720	15 47 58.84	+21 21 44.0		143	C/2002 C1	2002 06 01.96914	15 41 54.06	+18 23 11.4		246
C/2002 C1	2002 05 29.86911	15 47 58.57	+21 21 37.2		143	C/2002 C1	2002 06 01.96940	15 41 54.02	+18 23 10.3		246
C/2002 C1	2002 05 29.88384	15 47 56.46	+21 20 43.5	12.1 N	235	C/2002 C1	2002 06 01.96977	15 41 53.96	+18 23 09.8		246
C/2002 C1	2002 05 29.90258	15 47 54.14	+21 19 36.3	12.1 N	233	C/2002 C1	2002 06 01.98874	15 41 52.04	+18 22 09.4	11.9 T	939
C/2002 C1	2002 05 29.90711	15 47 53.53	+21 19 20.1	12.0 N	233	C/2002 C1	2002 06 01.99248	15 41 51.62	+18 21 57.1	11.9 T	939
C/2002 C1	2002 05 29.91544	15 47 52.39	+21 18 49.3	12.1 N	233	C/2002 C1	2002 06 01.99623	15 41 51.22	+18 21 44.7	11.9 T	939
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C/2002 C1	2002 05 30.00603	15 47 40.37	+21 13 23.4	8.4 T	620	C/2002 C1	2002 06 02.27667	15 41 21.95	+18 06 29.6	18.2 T	704
C/2002 C1	2002 05 30.01330	15 47 39.40	+21 12 57.0		620	C/2002 C1	2002 06 02.52451	15 40 56.66	+17 53 05.1		340

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C/2002 C1	2002 06 02.57285	15 40 51.46	+17 50 29.6		349	C/2002 C1	2002 06 10.92863	15 30 01.37	+11 16 14.9	13.3 N	204
C/2002 C1	2002 06 02.57370	15 40 51.37	+17 50 26.7		349	C/2002 C1	2002 06 10.93581	15 30 00.95	+11 15 57.0		204
C/2002 C1	2002 06 02.57588	15 40 51.13	+17 50 19.9		349	C/2002 C1	2002 06 11.02225	15 29 55.88	+11 12 22.9	13.5 T	945
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C/2002 C1	2002 06 03.65483	15 39 04.79	+16 53 22.1		300	C/2002 C1	2002 06 11.88564	15 29 08.93	+10 37 18.2	12.5 N	458
C/2002 C1	2002 06 03.65553	15 39 04.72	+16 53 19.8		300	C/2002 C1	2002 06 11.89080	15 29 08.58	+10 37 05.9	12.5 N	458
C/2002 C1	2002 06 03.65625	15 39 04.64	+16 53 17.6		300	C/2002 C1	2002 06 11.89526	15 29 08.42	+10 36 54.8	12.5 N	458
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C/2002 C1	2002 06 03.65767	15 39 04.51	+16 53 13.0		300	C/2002 C1	2002 06 12.00311	15 29 02.35	+10 32 36.3		204
C/2002 C1	2002 06 04.92513	15 37 09.51	+15 48 44.5		118	C/2002 C1	2002 06 12.01238	15 29 01.83	+10 32 13.9		204
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C/2002 C1	2002 06 05.59201	15 36 12.65	+15 15 55.0		372	C/2002 C1	2002 06 13.87272	15 27 31.61	+09 19 59.4	12.5 N	170
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C/2002 C1	2002 06 06.60591	15 34 50.88	+14 27 13.8		888	C/2002 C1	2002 06 14.25795	15 27 14.23	+09 05 31.3	17.4 T	704
C/2002 C1	2002 06 06.60737	15 34 50.75	+14 27 09.7		888	C/2002 C1	2002 06 14.27172	15 27 13.58	+09 05 01.9	17.5 T	704
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C/2002 C1	2002 06 06.62191	15 34 49.61	+14 26 29.8	11.5 N	379	C/2002 C1	2002 06 14.84892	15 26 49.31	+08 43 39.4	12.5 N	170
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C/2002 C1	2002 06 06.67643	15 34 45.15	+14 23 53.4		349	C/2002 C1	2002 06 14.86502	15 26 48.62	+08 43 04.0	12.8 N	213
C/2002 C1	2002 06 06.67747	15 34 45.07	+14 23 50.7		349	C/2002 C1	2002 06 14.87056	15 26 48.47	+08 42 51.5	12.8 N	213
C/2002 C1	2002 06 06.67825	15 34 45.02	+14 23 48.5		349	C/2002 C1	2002 06 14.87217	15 26 48.21	+08 42 46.3	13.1 N	235
C/2002 C1	2002 06 06.67897	15 34 44.96	+14 23 46.4	8.2 T	349	C/2002 C1	2002 06 14.98319	15 26 43.39	+08 38 43.0		A46
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C/2002 C1	2002 06 08.58889	15 32 26.97	+12 56 26.1	7.1 T	372	C/2002 C1	2002 06 14.98770	15 26 43.18	+08 38 32.9		A46
C/2002 C1	2002 06 08.60000	15 32 26.14	+12 55 56.9		372	C/2002 C1	2002 06 14.99108	15 26 43.04	+08 38 25.6		A46
C/2002 C1	2002 06 08.86824	15 32 08.52	+12 44 04.4	12.4 N	213	C/2002 C1	2002 06 14.99221	15 26 43.00	+08 38 23.1		A46
C/2002 C1	2002 06 08.87082	15 32 08.33	+12 43 57.6	12.4 N	213	C/2002 C1	2002 06 14.99333	15 26 42.93	+08 38 20.8		A46
C/2002 C1	2002 06 08.88979	15 32 07.01	+12 43 07.6	12.4 N	170	C/2002 C1	2002 06 15.01332	15 26 42.11	+08 37 37.7	12.8 T	939
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C/2002 C1	2002 06 09.49146	15 31 28.09	+12 16 56.1		349	C/2002 C1	2002 06 15.01927	15 26 41.86	+08 37 25.1	12.9 T	939
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C/2002 C1	2002 06 09.49939	15 31 27.57	+12 16 35.3		340	C/2002 C1	2002 06 15.02520	15 26 41.61	+08 37 12.3	12.9 T	939
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C/2002 C1	2002 06 09.50216	15 31 27.41	+12 16 28.6		340	C/2002 C1	2002 06 15.51344	15 26 22.42	+08 19 31.2		351
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C/2002 C1	2002 06 09.56584	15 31 23.19	+12 13 43.8	11.7 N	379	C/2002 C1	2002 06 15.87773	15 26 08.33	+08 06 28.0	12.7 N	170

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C/2002 C1	2002 06 15.99397	15 26 03.69	+08 02 20.7	12.3 T	939
C/2002 C1	2002 06 15.99793	15 26 03.52	+08 02 12.4	12.3 T	939
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C/2002 C1	2002 06 16.31625	15 25 51.67	+07 50 58.7	17.6 T	704
C/2002 C1	2002 06 16.32998	15 25 51.12	+07 50 29.5	16.7 T	704
C/2002 C1	2002 06 16.34372	15 25 50.61	+07 50 01.1	17.4 T	704
C/2002 C1	2002 06 16.94207	15 25 29.72	+07 29 09.7	12.7 N	458
C/2002 C1	2002 06 16.94704	15 25 29.51	+07 28 59.6	12.6 N	458
C/2002 C1	2002 06 16.95486	15 25 29.29	+07 28 40.9	12.6 N	458
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C/2002 C1	2002 06 17.00147	15 25 27.56	+07 27 07.2		620
C/2002 C1	2002 06 17.00354	15 25 27.49	+07 27 02.9		620
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C/2002 C1	2002 06 17.18879	15 25 21.55	+07 20 42.1	16.9 T	704
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C/2002 C1	2002 06 17.19956	15 25 21.12	+07 20 20.3	16.7 T	704
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C/2002 C1	2002 06 17.21042	15 25 20.76	+07 19 57.8	17.3 T	704
C/2002 C1	2002 06 17.87792	15 24 59.11	+06 57 17.1	12.9 N	235
C/2002 C1	2002 06 17.90316	15 24 58.27	+06 56 27.6	12.8 N	213
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C/2002 C1	2002 06 18.56714	15 24 38.12	+06 34 23.2	12.2 N	379
C/2002 C1	2002 06 18.61319	15 24 36.66	+06 32 54.6	10.5 T	372
C/2002 C1	2002 06 18.61944	15 24 36.44	+06 32 41.9		372
C/2002 C1	2002 06 18.62262	15 24 36.31	+06 32 33.8		349
C/2002 C1	2002 06 18.62352	15 24 36.29	+06 32 32.1		349
C/2002 C1	2002 06 18.62535	15 24 36.27	+06 32 29.8		372
C/2002 C1	2002 06 18.62554	15 24 36.25	+06 32 28.1		349
C/2002 C1	2002 06 18.62652	15 24 36.20	+06 32 26.1		349
C/2002 C1	2002 06 18.62715	15 24 36.17	+06 32 24.8	8.9 T	349
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C/2002 C1	2002 06 18.65127	15 24 35.48	+06 31 37.5		300
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C/2002 C1	2002 06 18.65292	15 24 35.43	+06 31 34.1		300
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C/2002 C1	2002 06 18.89522	15 24 28.88	+06 23 37.4	12.8 N	213
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C/2002 C1	2002 06 18.96291	15 24 26.68	+06 21 24.0		A46
C/2002 C1	2002 06 18.96742	15 24 26.55	+06 21 15.2		A46
C/2002 C1	2002 06 19.49335	15 24 12.53	+06 04 16.0		355
C/2002 C1	2002 06 19.49595	15 24 12.48	+06 04 11.4		355
C/2002 C1	2002 06 19.49787	15 24 12.43	+06 04 07.5		355
C/2002 C1	2002 06 19.96406	15 24 00.18	+05 49 16.2	10.9 T	620
C/2002 C1	2002 06 19.96516	15 24 00.15	+05 49 14.1		620
C/2002 C1	2002 06 19.96744	15 24 00.09	+05 49 09.8		620
C/2002 C1	2002 06 19.97734	15 23 59.82	+05 48 51.1	13.4 N	620
C/2002 C1	2002 06 21.92457	15 23 16.47	+04 48 50.7	13.1 N	232
C/2002 C1	2002 06 21.92747	15 23 16.44	+04 48 45.3	13.2 N	232
C/2002 C1	2002 06 21.92977	15 23 16.39	+04 48 41.5	13.2 N	232
C/2002 C1	2002 06 22.58854	15 23 03.85	+04 29 06.8		360
C/2002 C1	2002 06 22.59037	15 23 03.82	+04 29 03.4		360
C/2002 C1	2002 06 22.59191	15 23 03.77	+04 29 00.9		360
C/2002 C1	2002 06 22.86728	15 22 59.18	+04 20 54.8	13.1 N	213
C/2002 C1	2002 06 22.87065	15 22 59.14	+04 20 48.9	13.1 N	213
C/2002 C1	2002 06 22.89929	15 22 58.51	+04 19 58.4		246
C/2002 C1	2002 06 22.90001	15 22 58.49	+04 19 57.1		246
C/2002 C1	2002 06 22.90071	15 22 58.48	+04 19 55.9		246
C/2002 C1	2002 06 22.90182	15 22 58.45	+04 19 53.9		246
C/2002 C1	2002 06 22.90249	15 22 58.44	+04 19 52.7		246
C/2002 C1	2002 06 22.90417	15 22 58.42	+04 19 49.9		246
C/2002 C1	2002 06 22.90432	15 22 58.51	+04 19 50.9	13.3 N	445
C/2002 C1	2002 06 22.91410	15 22 58.39	+04 19 35.3	13.3 N	445
C/2002 C1	2002 06 22.92029	15 22 58.12	+04 19 21.2		504
C/2002 C1	2002 06 22.92071	15 22 58.18	+04 19 20.1		504
C/2002 C1	2002 06 22.92243	15 22 58.10	+04 19 17.9		504
C/2002 C1	2002 06 22.92308	15 22 58.06	+04 19 16.2		504
C/2002 C1	2002 06 22.92344	15 22 58.03	+04 19 16.1		504
C/2002 C1	2002 06 22.92549	15 22 58.06	+04 19 12.8		504
C/2002 C1	2002 06 22.92586	15 22 58.03	+04 19 12.0	13.8 T	504
C/2002 C1	2002 06 22.92638	15 22 58.02	+04 19 11.2		504
C/2002 C1	2002 06 22.92675	15 22 58.01	+04 19 10.1		504
C/2002 C1	2002 06 22.92711	15 22 57.99	+04 19 09.6		504
C/2002 C1	2002 06 22.93922	15 22 57.82	+04 18 48.7	13.1 N	213
C/2002 C1	2002 06 22.95563	15 22 57.47	+04 18 19.4		A46
C/2002 C1	2002 06 22.95676	15 22 57.43	+04 18 16.7		A46
C/2002 C1	2002 06 22.95788	15 22 57.41	+04 18 15.2		A46
C/2002 C1	2002 06 22.95903	15 22 57.38	+04 18 13.2		A46
C/2002 C1	2002 06 22.96130	15 22 57.34	+04 18 09.1		A46
C/2002 C1	2002 06 22.96242	15 22 57.32	+04 18 07.1		A46
C/2002 C1	2002 06 22.96696	15 22 57.21	+04 17 59.5		A46

C/2002 E2 (Snyder-Murakami)

C/2002 E2	2002 03 26.14666	19 10 06.51	+14 56 45.6		143
C/2002 E2	2002 03 26.14713	19 10 06.52	+14 56 48.6		143
C/2002 E2	2002 03 26.14904	19 10 06.65	+14 56 56.1		143
C/2002 E2	2002 03 26.14999	19 10 06.67	+14 56 59.8		143

C/2002 E2	2002 05 06.96166	19 20 46.64	+62 50 44.4		143	C/2002 E2	2002 05 24.54389	18 38 03.65	+75 26 27.8		340
C/2002 E2	2002 05 06.96451	19 20 46.36	+62 50 54.0		143	C/2002 E2	2002 05 24.54544	18 38 03.21	+75 26 30.1	13.5 T	340
C/2002 E2	2002 05 06.96737	19 20 46.28	+62 51 02.4		143	C/2002 E2	2002 05 24.65556	18 37 32.81	+75 30 06.1		342
C/2002 E2	2002 05 06.97022	19 20 46.00	+62 51 12.7		143	C/2002 E2	2002 05 24.66250	18 37 31.04	+75 30 20.9		342
C/2002 E2	2002 05 06.97308	19 20 45.93	+62 51 21.2		143	C/2002 E2	2002 05 24.74432	18 37 08.10	+75 32 58.1		349
C/2002 E2	2002 05 09.04645	19 18 28.03	+64 39 10.5	13.7 T	A50	C/2002 E2	2002 05 24.74597	18 37 07.75	+75 33 01.3		349
C/2002 E2	2002 05 11.03803	19 15 45.47	+66 18 03.9		A50	C/2002 E2	2002 05 24.74765	18 37 07.28	+75 33 04.6		349
C/2002 E2	2002 05 14.89760	19 08 49.47	+69 16 43.9		143	C/2002 E2	2002 05 24.74905	18 37 06.93	+75 33 07.2	13.6 T	349
C/2002 E2	2002 05 14.90046	19 08 49.10	+69 16 52.3		143	C/2002 E2	2002 05 25.09491	18 35 31.15	+75 44 10.9	15.1 N	232
C/2002 E2	2002 05 14.90332	19 08 48.73	+69 16 58.9		143	C/2002 E2	2002 05 25.54199	18 33 25.27	+75 58 14.2		349
C/2002 E2	2002 05 14.90617	19 08 48.34	+69 17 06.7		143	C/2002 E2	2002 05 25.54409	18 33 24.67	+75 58 18.3		349
C/2002 E2	2002 05 14.90903	19 08 48.01	+69 17 14.7		143	C/2002 E2	2002 05 25.54617	18 33 24.03	+75 58 22.4		349
C/2002 E2	2002 05 16.93455	19 04 06.81	+70 44 02.9		A46	C/2002 E2	2002 05 25.54902	18 33 23.22	+75 58 27.0	14.1 T	367
C/2002 E2	2002 05 16.93903	19 04 06.15	+70 44 14.3		A46	C/2002 E2	2002 05 25.54957	18 33 22.96	+75 58 29.3		349
C/2002 E2	2002 05 16.94351	19 04 05.47	+70 44 25.6		A46	C/2002 E2	2002 05 25.55064	18 33 22.85	+75 58 30.0		367
C/2002 E2	2002 05 16.94462	19 04 05.28	+70 44 27.9		A46	C/2002 E2	2002 05 25.55191	18 33 22.39	+75 58 33.0		367
C/2002 E2	2002 05 17.92847	19 01 30.98	+71 24 53.6		587	C/2002 E2	2002 05 25.55326	18 33 22.13	+75 58 35.9	14.0 T	349
C/2002 E2	2002 05 18.88297	18 58 49.20	+72 02 58.6		A46	C/2002 E2	2002 05 25.94494	18 31 27.10	+76 10 42.9		201
C/2002 E2	2002 05 18.88522	18 58 48.69	+72 03 03.6		A46	C/2002 E2	2002 05 25.95072	18 31 25.34	+76 10 53.2		201
C/2002 E2	2002 05 18.88634	18 58 48.46	+72 03 06.3		A46	C/2002 E2	2002 05 25.95524	18 31 23.94	+76 11 01.7		201
C/2002 E2	2002 05 18.88748	18 58 48.25	+72 03 09.3		A46	C/2002 E2	2002 05 28.93646	18 15 02.93	+77 36 40.8	15.1 T	613
C/2002 E2	2002 05 19.69542	18 56 21.03	+72 34 37.2	15.8 N	379	C/2002 E2	2002 05 29.05806	18 14 18.28	+77 39 56.9		619
C/2002 E2	2002 05 19.69700	18 56 20.80	+72 34 40.6	15.6 N	379	C/2002 E2	2002 05 29.05922	18 14 17.67	+77 39 58.5		619
C/2002 E2	2002 05 20.11007	18 55 01.58	+72 50 25.7	14.8 N	232	C/2002 E2	2002 05 29.06038	18 14 17.35	+77 39 59.1		619
C/2002 E2	2002 05 20.11620	18 55 00.41	+72 50 39.4	14.8 N	232	C/2002 E2	2002 05 29.06153	18 14 16.78	+77 40 02.5		619
C/2002 E2	2002 05 20.12993	18 54 57.58	+72 51 10.5	14.8 N	232	C/2002 E2	2002 05 29.06270	18 14 16.24	+77 40 04.5		619
C/2002 E2	2002 05 20.66506	18 53 12.21	+73 11 16.2	15.2 N	379	C/2002 E2	2002 05 29.30808	18 12 45.66	+77 46 31.1	17.2 T	704
C/2002 E2	2002 05 20.67009	18 53 11.15	+73 11 27.6	15.1 N	379	C/2002 E2	2002 05 29.32220	18 12 40.99	+77 46 51.3	17.0 T	704
C/2002 E2	2002 05 20.71159	18 53 02.74	+73 13 01.2	13.0 T	360	C/2002 E2	2002 05 29.33631	18 12 35.96	+77 47 13.4	17.2 T	704
C/2002 E2	2002 05 20.71458	18 53 02.08	+73 13 08.0		360	C/2002 E2	2002 05 29.35043	18 12 30.71	+77 47 35.8	17.1 T	704
C/2002 E2	2002 05 21.67885	18 49 39.04	+73 48 23.8	13.8 T	355	C/2002 E2	2002 05 29.36455	18 12 24.61	+77 47 55.9	16.8 T	704
C/2002 E2	2002 05 21.68223	18 49 38.20	+73 48 30.6		355	C/2002 E2	2002 05 29.54248	18 11 19.45	+77 52 39.2		340
C/2002 E2	2002 05 21.68556	18 49 37.48	+73 48 38.1		355	C/2002 E2	2002 05 29.54520	18 11 18.44	+77 52 43.8		340
C/2002 E2	2002 05 21.69549	18 49 35.56	+73 49 00.8		342	C/2002 E2	2002 05 29.54640	18 11 17.95	+77 52 45.1	14.3 T	340
C/2002 E2	2002 05 21.71007	18 49 32.05	+73 49 31.8		342	C/2002 E2	2002 05 29.85599	18 09 19.94	+78 00 42.4	15.2 N	235
C/2002 E2	2002 05 21.71474	18 49 30.92	+73 49 41.1		349	C/2002 E2	2002 05 31.89699	17 55 25.62	+78 49 50.7	15.2 T	157
C/2002 E2	2002 05 21.71602	18 49 30.81	+73 49 44.3		349	C/2002 E2	2002 05 31.89862	17 55 24.89	+78 49 51.8	15.5 T	157
C/2002 E2	2002 05 21.71729	18 49 30.43	+73 49 46.8		349	C/2002 E2	2002 05 31.90027	17 55 24.21	+78 49 54.3	15.4 T	157
C/2002 E2	2002 05 21.71856	18 49 30.18	+73 49 49.4		349	C/2002 E2	2002 05 31.90191	17 55 23.53	+78 49 57.3	14.9 T	157
C/2002 E2	2002 05 21.72064	18 49 29.72	+73 49 53.7		349	C/2002 E2	2002 06 01.03993	17 54 22.75	+78 53 04.2	15.4 T	232
C/2002 E2	2002 05 21.72272	18 49 29.25	+73 49 58.2	13.3 T	349	C/2002 E2	2002 06 01.54231	17 50 40.80	+79 04 07.1		300
C/2002 E2	2002 05 21.83618	18 49 05.01	+73 53 58.4	13.0 T	104	C/2002 E2	2002 06 01.54419	17 50 40.39	+79 04 09.8		300
C/2002 E2	2002 05 21.83825	18 49 04.60	+73 54 03.1		104	C/2002 E2	2002 06 01.54502	17 50 39.65	+79 04 10.0		300
C/2002 E2	2002 05 21.84109	18 49 04.02	+73 54 09.4		104	C/2002 E2	2002 06 01.54586	17 50 39.03	+79 04 13.2		300
C/2002 E2	2002 05 21.84348	18 49 03.47	+73 54 14.8		104	C/2002 E2	2002 06 01.54668	17 50 38.71	+79 04 13.6		300
C/2002 E2	2002 05 21.94686	18 48 40.16	+73 57 59.3		A50	C/2002 E2	2002 06 01.54750	17 50 38.34	+79 04 14.2		300
C/2002 E2	2002 05 21.96606	18 48 35.81	+73 58 40.7		A50	C/2002 E2	2002 06 01.54832	17 50 38.22	+79 04 15.7		300
C/2002 E2	2002 05 22.99586	18 44 37.04	+74 34 44.3		A50	C/2002 E2	2002 06 01.54998	17 50 36.80	+79 04 16.7		300
C/2002 E2	2002 05 23.00108	18 44 36.04	+74 34 55.5	13.9 T	A50	C/2002 E2	2002 06 01.55080	17 50 36.77	+79 04 18.6		300
C/2002 E2	2002 05 23.02048	18 44 31.03	+74 35 35.7		A50	C/2002 E2	2002 06 02.05573	17 46 45.49	+79 15 02.9	13.8 T	613
C/2002 E2	2002 05 23.65243	18 41 55.94	+74 57 03.5		342	C/2002 E2	2002 06 02.56766	17 42 46.91	+79 25 36.9		340
C/2002 E2	2002 05 23.66076	18 41 53.51	+74 57 18.9		342	C/2002 E2	2002 06 02.56898	17 42 46.03	+79 25 38.5		340
C/2002 E2	2002 05 24.54066	18 38 04.43	+75 26 20.6		340	C/2002 E2	2002 06 02.57002	17 42 45.53	+79 25 39.9	14.2 T	340

C/2002 E2	2002 06 03.21223	17 37 35.21	+79 38 19.6	16.0 T	785	C/2002 E2	2002 06 22.99171	14 31 24.01	+81 10 51.5	A46
C/2002 E2	2002 06 03.23392	17 37 24.59	+79 38 43.9	16.1 T	785	C/2002 E2	2002 06 22.99397	14 31 22.93	+81 10 51.6	A46
C/2002 E2	2002 06 03.56022	17 34 42.67	+79 44 51.7	14.4 T	351	C/2002 E2	2002 06 22.99509	14 31 22.42	+81 10 50.4	A46
C/2002 E2	2002 06 03.56503	17 34 40.38	+79 45 00.5		351	C/2002 H2 (LINEAR)				
C/2002 E2	2002 06 03.57542	17 34 35.20	+79 45 13.2		351	C/2002 H2	2002 05 14.88080	18 23 46.37	+56 28 52.0	143
C/2002 E2	2002 06 04.95660	17 22 43.92	+80 09 29.6		118	C/2002 H2	2002 05 14.88366	18 23 45.42	+56 29 03.3	143
C/2002 E2	2002 06 04.95895	17 22 42.82	+80 09 32.3		118	C/2002 H2	2002 05 14.88653	18 23 44.58	+56 29 13.9	143
C/2002 E2	2002 06 04.96008	17 22 42.11	+80 09 33.6	13 T	118	C/2002 H2	2002 05 14.88940	18 23 43.55	+56 29 25.7	143
C/2002 E2	2002 06 05.55199	17 17 24.92	+80 19 05.2		340	C/2002 H2	2002 05 14.89226	18 23 42.76	+56 29 36.1	143
C/2002 E2	2002 06 05.55462	17 17 23.23	+80 19 07.1		340	C/2002 H2	2002 05 16.95395	18 12 26.61	+58 34 34.5	A46
C/2002 E2	2002 06 05.55571	17 17 22.44	+80 19 07.5	14.1 T	340	C/2002 H2	2002 05 16.95508	18 12 26.20	+58 34 38.0	A46
C/2002 E2	2002 06 05.64899	17 16 31.18	+80 20 35.8	13.6 T	360	C/2002 H2	2002 05 16.95619	18 12 25.77	+58 34 42.0	A46
C/2002 E2	2002 06 05.65167	17 16 29.67	+80 20 38.3		360	C/2002 H2	2002 05 16.96288	18 12 23.55	+58 35 05.7	A46
C/2002 E2	2002 06 06.70792	17 06 40.91	+80 36 03.4	15.5 T	888	C/2002 H2	2002 05 16.96400	18 12 23.12	+58 35 09.7	A46
C/2002 E2	2002 06 06.71334	17 06 37.79	+80 36 08.8		888	C/2002 H2	2002 05 18.89770	18 00 43.76	+60 23 28.9	A46
C/2002 E2	2002 06 08.12400	16 53 02.34	+80 54 02.9	16.4 T	785	C/2002 H2	2002 05 18.89883	18 00 43.40	+60 23 33.5	A46
C/2002 E2	2002 06 08.14267	16 52 51.27	+80 54 14.9	16.4 T	785	C/2002 H2	2002 05 18.89995	18 00 42.96	+60 23 37.4	A46
C/2002 E2	2002 06 09.55943	16 38 39.87	+81 08 58.9		349	C/2002 H2	2002 05 18.90331	18 00 41.62	+60 23 47.0	A46
C/2002 E2	2002 06 09.56247	16 38 37.65	+81 09 00.1		349	C/2002 H2	2002 05 18.90331	18 00 41.62	+60 23 47.0	A46
C/2002 E2	2002 06 09.56429	16 38 36.87	+81 09 01.0		349	C/2002 H2	2002 05 19.65225	17 55 53.43	+61 03 21.6	16.0 N 379
C/2002 E2	2002 06 09.56589	16 38 35.51	+81 09 01.8	14.4 T	349	C/2002 H2	2002 05 19.65397	17 55 52.58	+61 03 27.8	15.4 N 379
C/2002 E2	2002 06 09.56894	16 38 33.95	+81 09 04.7		340	C/2002 H2	2002 05 20.09896	17 52 56.13	+61 26 15.9	15.4 N 232
C/2002 E2	2002 06 09.57168	16 38 32.40	+81 09 06.3		340	C/2002 H2	2002 05 20.12388	17 52 46.30	+61 27 30.7	15.4 N 232
C/2002 E2	2002 06 09.57447	16 38 31.22	+81 09 07.2		340	C/2002 H2	2002 05 20.65590	17 49 11.67	+61 54 06.3	15.0 N 379
C/2002 E2	2002 06 09.57740	16 38 28.98	+81 09 08.6	14.7 T	340	C/2002 H2	2002 05 20.65778	17 49 10.91	+61 54 12.2	15.1 N 379
C/2002 E2	2002 06 11.93399	16 14 13.36	+81 26 38.8	15.7 N	235	C/2002 H2	2002 05 20.66135	17 49 09.34	+61 54 22.6	15.3 N 379
C/2002 E2	2002 06 12.90799	16 04 08.03	+81 31 24.1	15.6 N	235	C/2002 H2	2002 05 20.70365	17 48 51.96	+61 56 27.4	12.8 T 360
C/2002 E2	2002 06 15.03787	15 42 15.54	+81 36 58.3		A46	C/2002 H2	2002 05 20.70619	17 48 50.87	+61 56 35.1	360
C/2002 E2	2002 06 15.04012	15 42 14.09	+81 36 58.1		A46	C/2002 H2	2002 05 20.81878	17 48 05.31	+62 02 01.4	16.5 T 104
C/2002 E2	2002 06 15.04124	15 42 13.35	+81 36 57.4		A46	C/2002 H2	2002 05 20.82065	17 48 04.57	+62 02 06.3	104
C/2002 E2	2002 06 15.04237	15 42 12.68	+81 36 58.9		A46	C/2002 H2	2002 05 20.82230	17 48 03.80	+62 02 11.9	104
C/2002 E2	2002 06 15.04463	15 42 11.15	+81 36 58.5		A46	C/2002 H2	2002 05 20.82362	17 48 03.27	+62 02 15.6	104
C/2002 E2	2002 06 16.92940	15 23 32.64	+81 36 54.8		201	C/2002 H2	2002 05 21.64853	17 42 17.18	+62 41 41.7	14.3 T 355
C/2002 E2	2002 06 16.93590	15 23 28.59	+81 36 54.3		201	C/2002 H2	2002 05 21.65201	17 42 15.66	+62 41 51.5	355
C/2002 E2	2002 06 16.96486	15 23 11.75	+81 36 51.9		201	C/2002 H2	2002 05 21.65370	17 42 14.93	+62 41 56.3	355
C/2002 E2	2002 06 17.90702	15 14 13.85	+81 35 10.4	15.7 N	235	C/2002 H2	2002 05 21.68056	17 42 03.68	+62 43 11.1	342
C/2002 E2	2002 06 18.04319	15 12 57.36	+81 34 49.4		611	C/2002 H2	2002 05 21.68924	17 41 59.85	+62 43 36.1	342
C/2002 E2	2002 06 18.04596	15 12 55.79	+81 34 48.9		611	C/2002 H2	2002 05 21.69226	17 41 58.32	+62 43 44.5	349
C/2002 E2	2002 06 18.04878	15 12 54.15	+81 34 48.2		611	C/2002 H2	2002 05 21.69568	17 41 56.89	+62 43 54.1	349
C/2002 E2	2002 06 18.52786	15 08 29.45	+81 33 31.8	14.7 T	351	C/2002 H2	2002 05 21.70505	17 41 52.90	+62 44 19.8	349
C/2002 E2	2002 06 18.53493	15 08 25.62	+81 33 29.8		351	C/2002 H2	2002 05 21.70632	17 41 52.28	+62 44 23.2	13.7 T 349
C/2002 E2	2002 06 18.55291	15 08 15.46	+81 33 26.9		351	C/2002 H2	2002 05 23.32745	17 29 57.90	+63 56 12.3	16.2 T 704
C/2002 E2	2002 06 18.59615	15 07 51.34	+81 33 17.3	14.7 T	349	C/2002 H2	2002 05 23.34215	17 29 51.39	+63 56 50.1	16.8 T 704
C/2002 E2	2002 06 18.59808	15 07 50.52	+81 33 16.9		349	C/2002 H2	2002 05 23.35680	17 29 44.64	+63 57 26.3	16.9 T 704
C/2002 E2	2002 06 18.60044	15 07 49.10	+81 33 16.6		349	C/2002 H2	2002 05 23.90351	17 25 34.42	+64 19 56.4	15.1 N 170
C/2002 E2	2002 06 18.61006	15 07 43.64	+81 33 14.3		349	C/2002 H2	2002 05 23.90694	17 25 32.85	+64 20 04.4	15.1 N 170
C/2002 E2	2002 06 18.97791	15 04 23.71	+81 32 02.0		A46	C/2002 H2	2002 05 23.90978	17 25 31.49	+64 20 11.5	15.1 N 170
C/2002 E2	2002 06 18.97939	15 04 23.10	+81 32 02.3		A46	C/2002 H2	2002 05 23.93640	17 25 20.36	+64 21 09.8	15.2 T 176
C/2002 E2	2002 06 18.98233	15 04 21.40	+81 32 00.4		A46	C/2002 H2	2002 05 23.93918	17 25 17.73	+64 21 23.3	15.3 T 176
C/2002 E2	2002 06 18.98675	15 04 18.69	+81 32 00.1		A46	C/2002 H2	2002 05 23.94196	17 25 16.43	+64 21 30.3	15.2 T 176
C/2002 E2	2002 06 22.98387	14 31 27.29	+81 10 54.4		A46	C/2002 H2	2002 05 23.94473	17 25 15.20	+64 21 36.8	15.2 T 176
C/2002 E2	2002 06 22.98499	14 31 26.85	+81 10 55.0		A46	C/2002 H2	2002 05 24.59844	17 20 08.58	+64 47 23.5	340
C/2002 E2	2002 06 22.98834	14 31 25.38	+81 10 53.1		A46	C/2002 H2	2002 05 24.60155	17 20 07.12	+64 47 30.5	340

C/2002 J3	2002 05 14.61257	03 26 44.0	+16 51 22	249	C/2002 J4	2002 05 21.97915	15 44 34.88	+00 09 31.0	17.0 T	159
Geocentric position (AU)	+0.00915386	+0.00594221	+0.00193503		C/2002 J4	2002 05 21.98576	15 44 34.80	+00 09 30.4	17.1 T	159
C/2002 J3	2002 05 14.63756	03 26 32.9	+16 56 44	249	C/2002 J4	2002 05 21.99756	15 44 34.35	+00 09 28.4	17.3 T	159
Geocentric position (AU)	+0.00915207	+0.00594348	+0.00193618		C/2002 J4	2002 05 31.90530	15 38 40.21	-00 17 39.6		504
C/2002 J3	2002 05 14.65423	03 26 26.8	+17 00 03	249	C/2002 J4	2002 05 31.92218	15 38 39.83	-00 17 43.0		046
Geocentric position (AU)	+0.00915088	+0.00594433	+0.00193695		C/2002 J4	2002 05 31.92421	15 38 39.77	-00 17 43.9		046
C/2002 J3	2002 05 14.67096	03 26 20.0	+17 03 42	249	C/2002 J4	2002 05 31.92578	15 38 39.69	-00 17 43.7		046
Geocentric position (AU)	+0.00914968	+0.00594519	+0.00193773		C/2002 J4	2002 05 31.92730	15 38 39.65	-00 17 44.5		046
C/2002 J3	2002 05 14.67923	03 26 16.8	+17 05 31	249	C/2002 J4	2002 05 31.94546	15 38 38.88	-00 17 48.4		504
Geocentric position (AU)	+0.00914909	+0.00594561	+0.00193811		C/2002 J4	2002 05 31.97988	15 38 37.67	-00 17 53.9	17.3 T	170
C/2002 J3	2002 05 14.68479	03 26 14.7	+17 06 50	249	C/2002 J4	2002 05 31.99084	15 38 37.24	-00 17 55.1	17.3 T	170
Geocentric position (AU)	+0.00914868	+0.00594590	+0.00193836		C/2002 J4	2002 06 01.00120	15 38 36.73	-00 17 58.9		504
C/2002 J3	2002 05 14.69591	03 26 11.8	+17 08 40	249	C/2002 J4	2002 06 01.59832	15 38 15.95	-00 19 50.4	17.6 T	360
Geocentric position (AU)	+0.00914789	+0.00594646	+0.00193888		C/2002 J4	2002 06 01.60333	15 38 15.82	-00 19 51.7		360
C/2002 J3	2002 05 14.70145	03 26 07.2	+17 08 26	249	C/2002 J4	2002 06 01.89013	15 38 05.82	-00 20 46.4	17.3 T	213
Geocentric position (AU)	+0.00914749	+0.00594675	+0.00193913		C/2002 J4	2002 06 01.89478	15 38 05.66	-00 20 47.7	17.3 T	213
C/2002 J3	2002 05 14.71261	03 26 03.1	+17 12 53	249	C/2002 J4	2002 06 02.48854	15 37 44.81	-00 22 43.9		341
Geocentric position (AU)	+0.00914669	+0.00594732	+0.00193965		C/2002 J4	2002 06 02.49410	15 37 44.61	-00 22 45.4		341
C/2002 J3	2002 05 14.72090	03 25 59.7	+17 14 18	249	C/2002 J4	2002 06 02.50243	15 37 44.29	-00 22 46.8	17.3 T	341
Geocentric position (AU)	+0.00914609	+0.00594774	+0.00194003		C/2002 J4	2002 06 05.63032	15 35 55.79	-00 33 21.9	17.4 T	360
C/2002 J3	2002 05 14.72646	03 25 57.4	+17 15 46	249	C/2002 J4	2002 06 05.63692	15 35 55.60	-00 33 23.4		360
Geocentric position (AU)	+0.00914569	+0.00594802	+0.00194029		C/2002 J4	2002 06 08.90544	15 34 04.78	-00 45 18.5	17.3 T	213
C/2002 J3	2002 05 14.73756	03 25 50.0	+17 17 59	249	C/2002 J4	2002 06 08.91162	15 34 04.59	-00 45 22.3	17.3 T	213
Geocentric position (AU)	+0.00914489	+0.00594859	+0.00194080		C/2002 J4	2002 06 08.96260	15 34 02.90	-00 45 32.0	17.3 T	170
C/2002 J3	2002 05 14.74314	03 25 50.1	+17 19 35	249	C/2002 J4	2002 06 08.97532	15 34 02.55	-00 45 34.2	17.3 T	170
Geocentric position (AU)	+0.00914449	+0.00594887	+0.00194106		C/2002 J4	2002 06 09.58147	15 33 42.29	-00 47 52.3		349
C/2002 J3	2002 05 14.75428	03 25 45.8	+17 22 09	249	C/2002 J4	2002 06 09.58395	15 33 42.18	-00 47 53.9		349
Geocentric position (AU)	+0.00914369	+0.00594944	+0.00194157		C/2002 J4	2002 06 09.58646	15 33 42.14	-00 47 54.0	17.6 T	349
C/2002 J3	2002 05 14.76256	03 25 42.4	+17 24 10	249	C/2002 J4	2002 06 11.90199	15 32 26.24	-00 57 00.2	17.2 T	170
Geocentric position (AU)	+0.00914309	+0.00594986	+0.00194195		C/2002 J4	2002 06 11.91050	15 32 26.06	-00 57 01.6	17.7 T	204
C/2002 J3	2002 05 14.76812	03 25 39.9	+17 25 23	249	C/2002 J4	2002 06 11.94662	15 32 24.80	-00 57 10.1	17.8 T	204
Geocentric position (AU)	+0.00914269	+0.00595015	+0.00194221		C/2002 J4	2002 06 14.90924	15 30 50.67	-01 09 24.7	17.3 T	213
C/2002 J3	2002 05 14.77923	03 25 36.2	+17 28 08	249	C/2002 J4	2002 06 14.92181	15 30 50.32	-01 09 28.6	17.4 T	213
Geocentric position (AU)	+0.00914189	+0.00595071	+0.00194272		C/2002 J4	2002 06 17.93867	15 29 18.18	-01 22 37.5		246
C/2002 J3	2002 05 14.78479	03 25 32.8	+17 29 32	249	C/2002 J4	2002 06 17.93948	15 29 18.12	-01 22 37.8		246
Geocentric position (AU)	+0.00914149	+0.00595100	+0.00194298		C/2002 J4	2002 06 17.94042	15 29 18.10	-01 22 37.7		246
C/2002 J3	2002 05 14.82650	03 25 15.9	+17 40 21	249	C/2002 J4	2002 06 17.94138	15 29 18.10	-01 22 38.1		246
Geocentric position (AU)	+0.00913847	+0.00595313	+0.00194491		C/2002 J4	2002 06 17.94233	15 29 18.10	-01 22 38.8		246
C/2002 J3	2002 05 14.83761	03 25 11.4	+17 43 29	249	C/2002 J4	2002 06 17.94340	15 29 18.00	-01 22 38.4		246
Geocentric position (AU)	+0.00913767	+0.00595369	+0.00194542		C/2002 J4	2002 06 17.94432	15 29 17.98	-01 22 38.7		246

C/2002 J4 (NEAT)

C/2002 J5 (LINEAR)

C/2002 J4	2002 05 17.31070	15 47 21.66	+00 19 36.1	18.5 T	704	C/2002 J5	2002 05 20.73280	20 13 44.76	+09 22 09.1	18.0 T	360
C/2002 J4	2002 05 17.32564	15 47 21.14	+00 19 33.8	18.4 T	704	C/2002 J5	2002 05 20.73877	20 13 44.58	+09 22 11.5		360
C/2002 J4	2002 05 17.34086	15 47 20.55	+00 19 33.0	18.8 T	704	C/2002 J5	2002 05 22.37380	20 12 56.82	+09 33 27.2	18.4 T	704
C/2002 J4	2002 05 17.35552	15 47 19.96	+00 19 31.2	18.6 T	704	C/2002 J5	2002 05 22.40285	20 12 55.96	+09 33 38.5	18.8 T	704
C/2002 J4	2002 05 19.63818	15 45 58.75	+00 14 47.1	17.6 T	360	C/2002 J5	2002 05 22.41734	20 12 55.50	+09 33 44.5	18.5 T	704
C/2002 J4	2002 05 19.64237	15 45 58.62	+00 14 46.6		360	C/2002 J5	2002 05 26.05999	20 11 02.04	+09 58 34.0	18.1 T	213
C/2002 J4	2002 05 19.64747	15 45 58.44	+00 14 46.2		360	C/2002 J5	2002 06 02.00539	20 06 59.14	+10 44 25.2	18.2 T	213
C/2002 J4	2002 05 20.84512	15 45 15.41	+00 12 07.3	18.0 T	104	C/2002 J5	2002 06 02.01760	20 06 58.59	+10 44 32.1	18.2 T	213
C/2002 J4	2002 05 20.85046	15 45 15.31	+00 12 05.7		104	C/2002 J5	2002 06 07.32116	20 03 30.33	+11 18 03.0	18.3 T	704
C/2002 J4	2002 05 20.85590	15 45 15.22	+00 12 04.2		104	C/2002 J5	2002 06 07.33178	20 03 29.94	+11 18 06.8	18.1 T	704
C/2002 J4	2002 05 20.86486	15 45 14.82	+00 12 02.7		104	C/2002 J5	2002 06 07.34257	20 03 29.41	+11 18 10.7	18.4 T	704

C/2002 J5	2002 06 07.35317	20 03 29.02	+11 18 14.6	18.8 T	704
C/2002 J5	2002 06 07.36396	20 03 28.54	+11 18 18.6	18.5 T	704
C/2002 J5	2002 06 08.38535	20 02 46.17	+11 24 34.6	18.2 T	704
C/2002 J5	2002 06 08.39596	20 02 45.74	+11 24 38.8	18.6 T	704
C/2002 J5	2002 06 08.40657	20 02 45.29	+11 24 42.5	18.4 T	704
C/2002 J5	2002 06 08.41716	20 02 44.82	+11 24 46.4	18.6 T	704
C/2002 J5	2002 06 08.42775	20 02 44.41	+11 24 50.8	18.6 T	704
C/2002 J5	2002 06 09.02431	20 02 19.41	+11 28 29.8	17.8 T	2 170
C/2002 J5	2002 06 11.97172	20 00 11.89	+11 46 03.1	17.9 T	213
C/2002 J5	2002 06 11.97397	20 00 11.91	+11 46 04.2	18.0 T	213
C/2002 J5	2002 06 15.92218	19 57 12.78	+12 08 46.2	17.8 T	213
C/2002 J5	2002 06 15.92841	19 57 12.38	+12 08 47.2	17.9 T	213
C/2002 J5	2002 06 16.06877	19 57 05.59	+12 09 35.2	17.7 T	170
C/2002 J5	2002 06 16.32591	19 56 54.04	+12 11 00.7	18.0 T	704
C/2002 J5	2002 06 16.34041	19 56 53.36	+12 11 05.2	18.2 T	704
C/2002 J5	2002 06 16.35348	19 56 52.68	+12 11 09.9	18.0 T	704
C/2002 J5	2002 06 17.37030	19 56 04.51	+12 16 46.9	17.6 T	704
C/2002 J5	2002 06 17.38347	19 56 03.90	+12 16 52.0	17.8 T	704
C/2002 J5	2002 06 17.39672	19 56 03.32	+12 16 55.7	17.8 T	704
C/2002 J5	2002 06 17.41054	19 56 02.60	+12 17 00.7	17.9 T	704

C/2002 J6 (SOHO)

C/2002 J6	2002 05 14.70145	03 29 38.9	+17 19 14		249
Geocentric position (AU)	+0.00914749	+0.00594675	+0.00193913		
C/2002 J6	2002 05 14.71261	03 29 34.4	+17 21 12		249
Geocentric position (AU)	+0.00914669	+0.00594732	+0.00193965		
C/2002 J6	2002 05 14.72646	03 29 28.0	+17 23 16		249
Geocentric position (AU)	+0.00914569	+0.00594802	+0.00194029		
C/2002 J6	2002 05 14.74314	03 29 18.1	+17 25 57		249
Geocentric position (AU)	+0.00914449	+0.00594887	+0.00194106		
C/2002 J6	2002 05 14.75428	03 29 13.5	+17 27 47		249
Geocentric position (AU)	+0.00914369	+0.00594944	+0.00194157		
C/2002 J6	2002 05 14.76812	03 29 06.0	+17 30 12		249
Geocentric position (AU)	+0.00914269	+0.00595015	+0.00194221		
C/2002 J6	2002 05 14.78479	03 28 57.8	+17 33 11		249
Geocentric position (AU)	+0.00914149	+0.00595100	+0.00194298		

C/2002 J7 (SOHO)

C/2002 J7	2002 05 15.96257	03 34 00.2	+17 32 59		249
Geocentric position (AU)	+0.00905403	+0.00601080	+0.00199766		
C/2002 J7	2002 05 15.97647	03 33 53.8	+17 35 12		249
Geocentric position (AU)	+0.00905297	+0.00601151	+0.00199831		
C/2002 J7	2002 05 15.99312	03 33 46.2	+17 38 00		249
Geocentric position (AU)	+0.00905169	+0.00601235	+0.00199909		
C/2002 J7	2002 05 16.00423	03 33 40.9	+17 39 50		249
Geocentric position (AU)	+0.00905085	+0.00601291	+0.00199960		
C/2002 J7	2002 05 16.01813	03 33 34.7	+17 42 12		249
Geocentric position (AU)	+0.00904978	+0.00601361	+0.00200025		
C/2002 J7	2002 05 16.03479	03 33 27.3	+17 44 59		249
Geocentric position (AU)	+0.00904851	+0.00601445	+0.00200103		
C/2002 J7	2002 05 16.06065	03 33 15.1	+17 49 35		249
Geocentric position (AU)	+0.00904653	+0.00601576	+0.00200224		
C/2002 J7	2002 05 16.07646	03 33 07.7	+17 52 29		249
Geocentric position (AU)	+0.00904532	+0.00601655	+0.00200298		

C/2002 J7	2002 05 16.08756	03 33 02.4	+17 54 30		249
Geocentric position (AU)	+0.00904447	+0.00601712	+0.00200349		

C/2002 J8 (SOHO)

C/2002 J8	2002 05 13.31062	03 21 04.6	+16 47 40		249
Geocentric position (AU)	+0.00924381	+0.00587542	+0.00187542		
C/2002 J8	2002 05 13.32645	03 20 56.0	+16 50 56		249
Geocentric position (AU)	+0.00924275	+0.00587624	+0.00187614		
C/2002 J8	2002 05 13.33758	03 20 53.0	+16 53 20		249
Geocentric position (AU)	+0.00924201	+0.00587681	+0.00187664		
C/2002 J8	2002 05 13.35145	03 20 46.4	+16 56 01		249
Geocentric position (AU)	+0.00924109	+0.00587752	+0.00187727		

P/2002 JN₁₆ (LINEAR)

P/2002 JN ₁₆	2002 05 09.27712	15 33 09.60	-18 25 36.8	18.0 N	704
P/2002 JN ₁₆	2002 05 09.28973	15 33 09.20	-18 25 26.6	18.2 N	704
P/2002 JN ₁₆	2002 05 09.30217	15 33 08.82	-18 25 16.5	18.3 N	704
P/2002 JN ₁₆	2002 05 09.31454	15 33 08.50	-18 25 08.1	18.2 N	704
P/2002 JN ₁₆	2002 05 09.32696	15 33 08.11	-18 24 58.9	18.7 N	704
P/2002 JN ₁₆	2002 05 09.44118	15 33 04.86	-18 23 30.9	17.3 N	644
P/2002 JN ₁₆	2002 05 09.45174	15 33 04.56	-18 23 22.9	17.5 N	644
P/2002 JN ₁₆	2002 05 09.46218	15 33 04.24	-18 23 15.0	17.4 N	644
P/2002 JN ₁₆	2002 05 10.29616	15 32 42.63	-18 12 29.8	17.5 N	704
P/2002 JN ₁₆	2002 05 10.31089	15 32 42.18	-18 12 18.5	17.8 N	704
P/2002 JN ₁₆	2002 05 10.32580	15 32 41.72	-18 12 06.7	17.7 N	704
P/2002 JN ₁₆	2002 05 10.34052	15 32 41.51	-18 11 55.9	19.1 N	704
P/2002 JN ₁₆	2002 05 11.29826	15 32 15.64	-17 59 27.6	17.4 N	704
P/2002 JN ₁₆	2002 05 11.31384	15 32 15.15	-17 59 15.4	17.9 N	704
P/2002 JN ₁₆	2002 05 11.32882	15 32 14.72	-17 59 04.0	17.6 N	704
P/2002 JN ₁₆	2002 05 11.34471	15 32 14.16	-17 58 51.8	17.7 N	704
P/2002 JN ₁₆	2002 05 11.35949	15 32 13.72	-17 58 39.9	17.6 N	704
P/2002 JN ₁₆	2002 05 12.30969	15 31 47.80	-17 46 11.2	17.4 N	704
P/2002 JN ₁₆	2002 05 12.31074	15 31 47.75	-17 46 10.9	17.5 N	704
P/2002 JN ₁₆	2002 05 12.32459	15 31 47.28	-17 45 59.2	17.6 N	704
P/2002 JN ₁₆	2002 05 12.32577	15 31 47.26	-17 45 58.8	18.0 N	704
P/2002 JN ₁₆	2002 05 12.33929	15 31 46.82	-17 45 47.3	17.6 N	704
P/2002 JN ₁₆	2002 05 12.34063	15 31 46.79	-17 45 46.3	17.6 N	704
P/2002 JN ₁₆	2002 05 12.35400	15 31 46.37	-17 45 36.2	17.7 N	704
P/2002 JN ₁₆	2002 05 12.35564	15 31 46.30	-17 45 35.1	17.7 N	704
P/2002 JN ₁₆	2002 05 13.29362	15 31 20.36	-17 33 09.3	17.0 N	704
P/2002 JN ₁₆	2002 05 13.30852	15 31 19.86	-17 32 57.6	17.7 N	704
P/2002 JN ₁₆	2002 05 13.32335	15 31 19.37	-17 32 45.5	17.6 N	704
P/2002 JN ₁₆	2002 05 13.33811	15 31 18.92	-17 32 34.0	17.5 N	704
P/2002 JN ₁₆	2002 05 13.35285	15 31 18.54	-17 32 22.0	18.0 N	704
P/2002 JN ₁₆	2002 05 14.22744	15 30 54.18	-17 20 43.0	17.7 N	704
P/2002 JN ₁₆	2002 05 14.24238	15 30 53.69	-17 20 31.3	17.5 N	704
P/2002 JN ₁₆	2002 05 14.27188	15 30 52.75	-17 20 07.3	17.7 N	704
P/2002 JN ₁₆	2002 05 14.28669	15 30 52.31	-17 19 55.6	18.1 N	704
P/2002 JN ₁₆	2002 05 16.29867	15 29 54.73	-16 52 52.3	17.9 N	704
P/2002 JN ₁₆	2002 05 16.31359	15 29 54.17	-16 52 40.5	18.1 N	704
P/2002 JN ₁₆	2002 05 16.32853	15 29 53.76	-16 52 28.3	17.9 N	704
P/2002 JN ₁₆	2002 05 16.34361	15 29 53.25	-16 52 16.0	18.0 N	704
P/2002 JN ₁₆	2002 05 16.35856	15 29 52.75	-16 52 03.3	18.0 N	704
P/2002 JN ₁₆	2002 05 17.26722	15 29 26.96	-16 39 44.7	675	

C/2002 K1	2002 06 11.38452	19 21 10.80	-17 32 44.3	18.4 T	704
C/2002 K1	2002 06 11.39825	19 21 09.36	-17 32 31.1	18.0 T	704
C/2002 K2 (LINEAR)					
C/2002 K2	2002 05 19.69861	18 02 31.13	+12 35 00.7	18.6 T	360
C/2002 K2	2002 05 19.71167	18 02 30.22	+12 35 08.1		360
C/2002 K2	2002 05 19.71609	18 02 29.94	+12 35 10.3		360
C/2002 K2	2002 05 26.01775	17 55 11.94	+13 32 00.5	18.2 T	213
C/2002 K2	2002 05 26.02501	17 55 11.27	+13 31 58.8	18.2 T	213
C/2002 K2	2002 05 31.94959	17 47 58.31	+14 20 51.4		046
C/2002 K2	2002 05 31.95639	17 47 57.81	+14 20 54.6		046
C/2002 K2	2002 05 31.95777	17 47 57.67	+14 20 55.5		046
C/2002 K2	2002 05 31.95988	17 47 57.52	+14 20 55.6		046
C/2002 K2	2002 05 31.96124	17 47 57.42	+14 20 57.0		046
C/2002 K2	2002 05 31.96269	17 47 57.31	+14 20 57.3		046
C/2002 K2	2002 06 01.04876	17 47 51.06	+14 21 37.6	18.4 T	213
C/2002 K2	2002 06 01.05884	17 47 50.36	+14 21 43.8	18.5 T	213
C/2002 K2	2002 06 02.29810	17 46 17.54	+14 31 19.0	18.5 T	704
C/2002 K2	2002 06 02.31236	17 46 16.52	+14 31 24.7	18.9 T	704
C/2002 K2	2002 06 02.32546	17 46 15.54	+14 31 30.3	19.2 T	704
C/2002 K2	2002 06 02.35166	17 46 13.53	+14 31 43.8	19.0 T	704
C/2002 K2	2002 06 03.39535	17 44 54.90	+14 39 38.7	19.1 T	704
C/2002 K2	2002 06 03.40929	17 44 53.95	+14 39 41.1	19.6 T	704
C/2002 K2	2002 06 05.67347	17 42 02.36	+14 56 17.4	18.5 T	360
C/2002 K2	2002 06 05.67794	17 42 02.02	+14 56 19.3		360
C/2002 K2	2002 06 05.68389	17 42 01.58	+14 56 21.6		360
C/2002 K2	2002 06 06.29630	17 41 14.97	+15 00 43.1	18.8 T	704
C/2002 K2	2002 06 06.31017	17 41 13.87	+15 00 48.8	18.8 T	704
C/2002 K2	2002 06 06.32403	17 41 12.86	+15 00 53.8	18.7 T	704
C/2002 K2	2002 06 06.33792	17 41 11.80	+15 00 59.4	18.8 T	704
C/2002 K2	2002 06 06.35180	17 41 10.78	+15 01 04.7	19.0 T	704
C/2002 K2	2002 06 09.62745	17 36 59.76	+15 23 16.0	18.9 T	360
C/2002 K2	2002 06 09.63226	17 36 59.35	+15 23 18.0		360
C/2002 K2	2002 06 09.63883	17 36 58.89	+15 23 21.0		360
C/2002 K2	2002 06 09.88861	17 36 39.63	+15 24 59.4	18.7 T	213
C/2002 K2	2002 06 09.89787	17 36 39.15	+15 25 00.2	18.8 T	213
C/2002 K2	2002 06 11.95687	17 34 00.37	+15 37 57.8	18.1 T	204
C/2002 K2	2002 06 11.97487	17 33 58.95	+15 38 04.9	18.5 T	204
C/2002 K2	2002 06 13.95012	17 31 26.57	+15 49 48.3	18.5 T	170
C/2002 K2	2002 06 15.00499	17 30 04.98	+15 55 49.1	18.5 T	213
C/2002 K2	2002 06 15.01395	17 30 04.28	+15 55 51.3	18.5 T	213
C/2002 K2	2002 06 17.94931	17 26 18.39	+16 11 30.7		246
C/2002 K2	2002 06 17.95024	17 26 18.28	+16 11 31.0		246
C/2002 K2	2002 06 17.95105	17 26 18.20	+16 11 31.6		246
C/2002 K2	2002 06 17.95197	17 26 18.15	+16 11 31.4		246
C/2002 K2	2002 06 17.95295	17 26 18.08	+16 11 31.7		246
C/2002 K2	2002 06 17.95384	17 26 18.04	+16 11 32.2		246
C/2002 K2	2002 06 18.94324	17 25 01.89	+16 16 28.5	19.1 T	213
C/2002 K2	2002 06 18.94479	17 25 02.02	+16 16 31.0	19.1 T	213
C/2002 K2	2002 06 23.00177	17 19 52.56	+16 34 54.9	18.5 T	213
C/2002 K3 (SOHO)					
C/2002 K3	2002 05 18.67090	03 44 15.4	+18 09 26		249
Geocentric position (AU)	+0.00883606	+0.00614615	+0.00212512		

C/2002 K3	2002 05 18.68479	03 44 08.7	+18 10 37		249
Geocentric position (AU)	+0.00883489	+0.00614684	+0.00212578		
C/2002 K3	2002 05 18.70145	03 44 03.5	+18 13 26		249
Geocentric position (AU)	+0.00883348	+0.00614766	+0.00212657		
C/2002 K3	2002 05 18.72645	03 43 54.1	+18 17 37		249
Geocentric position (AU)	+0.00883137	+0.00614890	+0.00212776		
C/2002 K3	2002 05 18.75423	03 43 42.7	+18 22 41		249
Geocentric position (AU)	+0.00882902	+0.00615028	+0.00212908		
C/2002 K3	2002 05 18.78479	03 43 27.4	+18 28 24		249
Geocentric position (AU)	+0.00882644	+0.00615179	+0.00213053		
C/2002 K3	2002 05 18.81064	03 43 19.7	+18 33 26		249
Geocentric position (AU)	+0.00882425	+0.00615307	+0.00213176		
C/2002 K3	2002 05 18.82645	03 43 14.4	+18 36 29		249
Geocentric position (AU)	+0.00882291	+0.00615386	+0.00213251		
C/2002 K3	2002 05 18.83758	03 43 10.1	+18 38 53		249
Geocentric position (AU)	+0.00882196	+0.00615441	+0.00213304		
C/2002 K4 (NEAT)					
C/2002 K4	2002 05 27.50576	21 46 31.27	-00 16 08.5	18.5 T	608
C/2002 K4	2002 05 27.51644	21 46 30.83	-00 15 53.8	18.8 T	608
C/2002 K4	2002 05 27.52693	21 46 30.42	-00 15 40.3	18.5 T	608
C/2002 K4	2002 05 28.44205	21 45 52.78	+00 04 35.3	17.2 T	644
C/2002 K4	2002 05 28.45276	21 45 52.32	+00 04 49.9	17.3 T	644
C/2002 K4	2002 05 28.46348	21 45 51.84	+00 05 04.4	17.3 T	644
C/2002 K4	2002 05 29.01899	21 45 28.23	+00 17 25.5		620
C/2002 K4	2002 05 29.02271	21 45 28.12	+00 17 30.9		620
C/2002 K4	2002 05 29.02936	21 45 27.81	+00 17 39.3		620
C/2002 K4	2002 05 29.35112	21 45 13.78	+00 24 53.4	17.4 T	649
C/2002 K4	2002 05 29.35520	21 45 13.59	+00 24 58.1	17.4 T	649
C/2002 K4	2002 05 29.35723	21 45 13.52	+00 25 01.4	17.3 T	649
C/2002 K4	2002 05 29.35955	21 45 13.33	+00 25 03.3	17.5 T	448
C/2002 K4	2002 05 29.36109	21 45 13.31	+00 25 05.5	17.3 T	448
C/2002 K4	2002 05 29.36133	21 45 13.29	+00 25 07.1	17.4 T	649
C/2002 K4	2002 05 29.36207	21 45 13.27	+00 25 06.2	17.4 T	448
C/2002 K4	2002 05 29.37062	21 45 12.91	+00 25 19.5	17.7 T	704
C/2002 K4	2002 05 29.38477	21 45 12.33	+00 25 38.2	17.9 T	704
C/2002 K4	2002 05 29.39890	21 45 11.64	+00 25 57.0	18.0 T	704
C/2002 K4	2002 05 29.41305	21 45 11.02	+00 26 16.8	18.0 T	704
C/2002 K4	2002 05 29.41384	21 45 10.71	+00 26 18.5		4 670
C/2002 K4	2002 05 29.42731	21 45 10.33	+00 26 36.1	18.3 T	704
C/2002 K4	2002 05 29.44807	21 45 09.53	+00 27 03.1		670
C/2002 K4	2002 05 30.12804	21 44 38.95	+00 42 21.4	17.5 T	620
C/2002 K4	2002 05 30.13046	21 44 38.91	+00 42 23.3		620
C/2002 K4	2002 05 30.13531	21 44 38.67	+00 42 28.4		620
C/2002 K4	2002 05 31.99108	21 43 10.83	+01 24 39.1	17.0 T	215
C/2002 K4	2002 06 01.05373	21 43 07.79	+01 26 04.4	17.2 T	170
C/2002 K4	2002 06 01.05671	21 43 07.59	+01 26 09.9	17.2 T	170
C/2002 K4	2002 06 02.03416	21 42 18.21	+01 48 34.1	17.2 T	213
C/2002 K4	2002 06 02.03725	21 42 18.00	+01 48 40.0	17.2 T	213
C/2002 K4	2002 06 03.07756	21 41 23.14	+02 12 44.0	17.2 N	620
C/2002 K4	2002 06 03.08241	21 41 22.87	+02 12 51.6		620
C/2002 K4	2002 06 03.08726	21 41 22.62	+02 12 58.3		620
C/2002 K4	2002 06 05.67958	21 38 55.52	+03 13 45.1		340

C/2002 K6	2002 05 24.69590	04 05 09.8	+18 44 36	249
Geocentric position (AU)	+0.00828272	+0.00645145	+0.00241974	
C/2002 K6	2002 05 24.72090	04 05 04.0	+18 49 01	249
Geocentric position (AU)	+0.00828022	+0.00645280	+0.00242101	
C/2002 K6	2002 05 24.73757	04 05 00.9	+18 53 05	249
Geocentric position (AU)	+0.00827856	+0.00645369	+0.00242187	
C/2002 K6	2002 05 24.76256	04 05 00.5	+18 58 00	249
Geocentric position (AU)	+0.00827606	+0.00645504	+0.00242314	
C/2002 K6	2002 05 24.78480	04 04 54.8	+19 04 00	249
Geocentric position (AU)	+0.00827384	+0.00645624	+0.00242428	
C/2002 K6	2002 05 24.81064	04 04 50.9	+19 09 21	249
Geocentric position (AU)	+0.00827125	+0.00645763	+0.00242560	
C/2002 K6	2002 05 24.82645	04 04 47.6	+19 12 44	249
Geocentric position (AU)	+0.00826967	+0.00645848	+0.00242641	
C/2002 K6	2002 05 24.83758	04 04 46.2	+19 15 12	249
Geocentric position (AU)	+0.00826855	+0.00645908	+0.00242698	
C/2002 K6	2002 05 24.85145	04 04 43.7	+19 18 05	249
Geocentric position (AU)	+0.00826716	+0.00645983	+0.00242769	
C/2002 K6	2002 05 24.86812	04 04 40.7	+19 21 47	249
Geocentric position (AU)	+0.00826549	+0.00646073	+0.00242855	
C/2002 K6	2002 05 24.89316	04 04 37.5	+19 27 49	249
Geocentric position (AU)	+0.00826298	+0.00646209	+0.00242983	
C/2002 K6	2002 05 24.90980	04 04 34.6	+19 31 54	249
Geocentric position (AU)	+0.00826131	+0.00646299	+0.00243068	
C/2002 K6	2002 05 24.92090	04 04 33.9	+19 34 41	249
Geocentric position (AU)	+0.00826020	+0.00646359	+0.00243125	
C/2002 K6	2002 05 24.93479	04 04 31.6	+19 38 06	249
Geocentric position (AU)	+0.00825880	+0.00646434	+0.00243196	

C/2002 K7 (SOHO)

C/2002 K7	2002 05 25.43484	04 10 27.6	+19 23 17	249
Geocentric position (AU)	+0.00820816	+0.00649162	+0.00245773	
C/2002 K7	2002 05 25.45145	04 10 23.0	+19 25 50	249
Geocentric position (AU)	+0.00820646	+0.00649253	+0.00245859	
C/2002 K7	2002 05 25.46256	04 10 20.0	+19 27 38	249
Geocentric position (AU)	+0.00820533	+0.00649314	+0.00245917	
C/2002 K7	2002 05 25.47645	04 10 16.3	+19 29 54	249
Geocentric position (AU)	+0.00820391	+0.00649391	+0.00245989	
C/2002 K7	2002 05 25.49312	04 10 12.4	+19 32 44	249
Geocentric position (AU)	+0.00820220	+0.00649483	+0.00246075	
C/2002 K7	2002 05 25.50424	04 10 09.0	+19 34 38	249
Geocentric position (AU)	+0.00820106	+0.00649544	+0.00246133	
C/2002 K7	2002 05 25.51812	04 10 05.7	+19 36 58	249
Geocentric position (AU)	+0.00819964	+0.00649620	+0.00246205	
C/2002 K7	2002 05 25.53478	04 10 01.4	+19 39 54	249
Geocentric position (AU)	+0.00819794	+0.00649712	+0.00246292	
C/2002 K7	2002 05 25.56061	04 09 54.4	+19 44 31	249
Geocentric position (AU)	+0.00819529	+0.00649855	+0.00246426	
C/2002 K7	2002 05 25.57645	04 09 50.2	+19 47 30	249
Geocentric position (AU)	+0.00819366	+0.00649942	+0.00246508	
C/2002 K7	2002 05 25.58756	04 09 47.1	+19 49 31	249
Geocentric position (AU)	+0.00819252	+0.00650004	+0.00246566	

C/2002 K7	2002 05 25.60147	04 09 44.1	+19 52 11	249
Geocentric position (AU)	+0.00819110	+0.00650081	+0.00246638	
C/2002 K7	2002 05 25.61812	04 09 39.4	+19 55 26	249
Geocentric position (AU)	+0.00818939	+0.00650173	+0.00246724	

C/2002 L1 (SOHO)

C/2002 L1	2002 06 05.53640	04 53 03.0	+20 51 32	249
Geocentric position (AU)	+0.00676276	+0.00718639	+0.00308806	
C/2002 L1	2002 06 05.56375	04 53 03.2	+20 56 04	249
Geocentric position (AU)	+0.00675825	+0.00718816	+0.00308967	
C/2002 L1	2002 06 05.57923	04 53 03.0	+20 58 49	249
Geocentric position (AU)	+0.00675570	+0.00718915	+0.00309059	
C/2002 L1	2002 06 05.58758	04 53 03.8	+21 00 08	249
Geocentric position (AU)	+0.00675432	+0.00718969	+0.00309108	
C/2002 L1	2002 06 05.60423	04 53 02.7	+21 02 36	249
Geocentric position (AU)	+0.00675157	+0.00719076	+0.00309206	
C/2002 L1	2002 06 05.62924	04 53 02.2	+21 07 35	249
Geocentric position (AU)	+0.00674744	+0.00719237	+0.00309354	
C/2002 L1	2002 06 05.64590	04 53 03.8	+21 09 59	249
Geocentric position (AU)	+0.00674468	+0.00719344	+0.00309452	
C/2002 L1	2002 06 05.66256	04 53 02.7	+21 14 11	249
Geocentric position (AU)	+0.00674192	+0.00719451	+0.00309550	

C/2002 L2 (SOHO)

C/2002 L2	2002 06 06.18756	04 55 20.2	+20 51 31	249
Geocentric position (AU)	+0.00665404	+0.00722806	+0.00312643	
C/2002 L2	2002 06 06.20453	04 55 20.6	+20 54 22	249
Geocentric position (AU)	+0.00665117	+0.00722913	+0.00312742	
C/2002 L2	2002 06 06.21257	04 55 21.6	+20 55 42	249
Geocentric position (AU)	+0.00664981	+0.00722964	+0.00312790	
C/2002 L2	2002 06 06.22923	04 55 20.3	+20 58 29	249
Geocentric position (AU)	+0.00664699	+0.00723070	+0.00312888	
C/2002 L2	2002 06 06.24591	04 55 20.7	+21 01 28	249
Geocentric position (AU)	+0.00664416	+0.00723176	+0.00312986	
C/2002 L2	2002 06 06.25425	04 55 21.2	+21 02 51	249
Geocentric position (AU)	+0.00664275	+0.00723229	+0.00313035	
C/2002 L2	2002 06 06.27090	04 55 21.2	+21 05 53	249
Geocentric position (AU)	+0.00663992	+0.00723334	+0.00313132	
C/2002 L2	2002 06 06.28756	04 55 21.9	+21 08 51	249
Geocentric position (AU)	+0.00663709	+0.00723440	+0.00313230	
C/2002 L2	2002 06 06.31375	04 55 22.5	+21 13 47	249
Geocentric position (AU)	+0.00663264	+0.00723606	+0.00313384	
C/2002 L2	2002 06 06.32923	04 55 22.3	+21 16 47	249
Geocentric position (AU)	+0.00663001	+0.00723704	+0.00313475	
C/2002 L2	2002 06 06.33757	04 55 24.2	+21 18 18	249
Geocentric position (AU)	+0.00662859	+0.00723757	+0.00313524	

C/2002 L3 (SOHO)

C/2002 L3	2002 06 07.06372	04 57 12.4	+20 54 56	249
Geocentric position (AU)	+0.00650322	+0.00728310	+0.00317770	
C/2002 L3	2002 06 07.07923	04 57 13.4	+20 57 24	249
Geocentric position (AU)	+0.00650051	+0.00728406	+0.00317860	
C/2002 L3	2002 06 07.08756	04 57 13.9	+20 58 47	249
Geocentric position (AU)	+0.00649905	+0.00728458	+0.00317909	

C/2002 L3	2002 06 07.10423	04 57 15.7	+21 01 37	249
Geocentric position (AU)	+0.00649613	+0.00728561	+0.00318006	
C/2002 L3	2002 06 07.12090	04 57 17.6	+21 04 32	249
Geocentric position (AU)	+0.00649320	+0.00728664	+0.00318103	
C/2002 L3	2002 06 07.12923	04 57 18.2	+21 05 52	249
Geocentric position (AU)	+0.00649174	+0.00728716	+0.00318152	
C/2002 L3	2002 06 07.14590	04 57 20.0	+21 08 46	249
Geocentric position (AU)	+0.00648881	+0.00728819	+0.00318248	
C/2002 L3	2002 06 07.16258	04 57 22.0	+21 11 48	249
Geocentric position (AU)	+0.00648588	+0.00728923	+0.00318346	
C/2002 L3	2002 06 07.17091	04 57 22.7	+21 13 16	249
Geocentric position (AU)	+0.00648442	+0.00728974	+0.00318394	
C/2002 L3	2002 06 07.18757	04 57 24.7	+21 16 17	249
Geocentric position (AU)	+0.00648149	+0.00729077	+0.00318491	
C/2002 L3	2002 06 07.20423	04 57 26.9	+21 19 22	249
Geocentric position (AU)	+0.00647856	+0.00729180	+0.00318588	
C/2002 L3	2002 06 07.21256	04 57 27.7	+21 20 52	249
Geocentric position (AU)	+0.00647709	+0.00729232	+0.00318636	
C/2002 L3	2002 06 07.22923	04 57 31.0	+21 23 53	249
Geocentric position (AU)	+0.00647415	+0.00729335	+0.00318733	
C/2002 L3	2002 06 07.24590	04 57 33.0	+21 27 07	249
Geocentric position (AU)	+0.00647122	+0.00729437	+0.00318830	
C/2002 L3	2002 06 07.25423	04 57 34.1	+21 28 41	249
Geocentric position (AU)	+0.00646975	+0.00729489	+0.00318878	

C/2002 L4 (SOHO)

C/2002 L4	2002 06 07.20423	04 59 37.3	+20 56 50	249
Geocentric position (AU)	+0.00647856	+0.00729180	+0.00318588	
C/2002 L4	2002 06 07.21256	04 59 37.3	+20 58 13	249
Geocentric position (AU)	+0.00647709	+0.00729232	+0.00318636	
C/2002 L4	2002 06 07.22923	04 59 37.9	+21 00 55	249
Geocentric position (AU)	+0.00647415	+0.00729335	+0.00318733	
C/2002 L4	2002 06 07.24590	04 59 38.9	+21 03 58	249
Geocentric position (AU)	+0.00647122	+0.00729437	+0.00318830	
C/2002 L4	2002 06 07.25423	04 59 38.9	+21 05 09	249
Geocentric position (AU)	+0.00646975	+0.00729489	+0.00318878	
C/2002 L4	2002 06 07.27090	04 59 39.5	+21 08 00	249
Geocentric position (AU)	+0.00646680	+0.00729592	+0.00318975	
C/2002 L4	2002 06 07.28757	04 59 39.3	+21 11 04	249
Geocentric position (AU)	+0.00646386	+0.00729695	+0.00319072	
C/2002 L4	2002 06 07.31372	04 59 40.4	+21 15 40	249
Geocentric position (AU)	+0.00645924	+0.00729856	+0.00319224	
C/2002 L4	2002 06 07.32925	04 59 41.2	+21 18 30	249
Geocentric position (AU)	+0.00645650	+0.00729951	+0.00319314	
C/2002 L4	2002 06 07.33756	04 59 41.4	+21 20 05	249
Geocentric position (AU)	+0.00645503	+0.00730002	+0.00319362	
C/2002 L4	2002 06 07.35425	04 59 42.1	+21 23 10	249
Geocentric position (AU)	+0.00645207	+0.00730105	+0.00319459	
C/2002 L4	2002 06 07.37090	04 59 43.0	+21 26 20	249
Geocentric position (AU)	+0.00644912	+0.00730207	+0.00319556	
C/2002 L4	2002 06 07.37924	04 59 44.0	+21 27 54	249
Geocentric position (AU)	+0.00644765	+0.00730259	+0.00319604	

C/2002 L4	2002 06 07.39590	04 59 43.9	+21 31 05	249
Geocentric position (AU)	+0.00644469	+0.00730361	+0.00319701	
C/2002 L4	2002 06 07.41258	04 59 45.0	+21 34 34	249
Geocentric position (AU)	+0.00644173	+0.00730464	+0.00319797	
C/2002 L4	2002 06 07.42090	04 59 46.7	+21 36 07	249
Geocentric position (AU)	+0.00644026	+0.00730515	+0.00319845	
C/2002 L4	2002 06 07.43774	04 59 47.9	+21 39 41	249
Geocentric position (AU)	+0.00643727	+0.00730618	+0.00319943	

C/2002 L5 (SOHO)

C/2002 L5	2002 06 11.39591	05 15 30.8	+21 15 20	249
Geocentric position (AU)	+0.00568425	+0.00752936	+0.00342015	
C/2002 L5	2002 06 11.42090	05 15 32.7	+21 19 19	249
Geocentric position (AU)	+0.00567919	+0.00753062	+0.00342147	
C/2002 L5	2002 06 11.43776	05 15 35.5	+21 22 16	249
Geocentric position (AU)	+0.00567578	+0.00753147	+0.00342236	
C/2002 L5	2002 06 11.47923	05 15 40.5	+21 29 41	249
Geocentric position (AU)	+0.00566738	+0.00753356	+0.00342456	
C/2002 L5	2002 06 11.49590	05 15 43.5	+21 32 49	249
Geocentric position (AU)	+0.00566400	+0.00753439	+0.00342544	
C/2002 L5	2002 06 11.50423	05 15 45.8	+21 34 21	249
Geocentric position (AU)	+0.00566231	+0.00753481	+0.00342588	
C/2002 L5	2002 06 11.52090	05 15 44.6	+21 38 38	249
Geocentric position (AU)	+0.00565893	+0.00753565	+0.00342676	

C/2002 L6 (SOHO)

C/2002 L6	2002 06 08.22924	05 02 26.2	+20 57 45	249
Geocentric position (AU)	+0.00629463	+0.00735407	+0.00324503	
C/2002 L6	2002 06 08.24591	05 02 26.5	+21 01 08	249
Geocentric position (AU)	+0.00629158	+0.00735507	+0.00324598	
C/2002 L6	2002 06 08.25423	05 02 28.3	+21 02 31	249
Geocentric position (AU)	+0.00629006	+0.00735556	+0.00324646	
C/2002 L6	2002 06 08.27090	05 02 29.8	+21 05 37	249
Geocentric position (AU)	+0.00628701	+0.00735655	+0.00324741	
C/2002 L6	2002 06 08.28756	05 02 31.3	+21 08 54	249
Geocentric position (AU)	+0.00628395	+0.00735755	+0.00324837	
C/2002 L6	2002 06 08.31369	05 02 34.1	+21 13 58	249
Geocentric position (AU)	+0.00627916	+0.00735910	+0.00324986	
C/2002 L6	2002 06 08.33758	05 02 37.5	+21 18 46	249
Geocentric position (AU)	+0.00627478	+0.00736052	+0.00325122	
C/2002 L6	2002 06 08.35423	05 02 39.8	+21 22 02	249
Geocentric position (AU)	+0.00627173	+0.00736151	+0.00325217	
C/2002 L6	2002 06 08.37943	05 02 43.1	+21 27 32	249
Geocentric position (AU)	+0.00626710	+0.00736300	+0.00325361	

C/2002 L7 (SOHO)

C/2002 L7	2002 06 13.74590	05 25 01.5	+21 28 50	249
Geocentric position (AU)	+0.00519461	+0.00763860	+0.00353985	
C/2002 L7	2002 06 13.75539	05 24 59.9	+21 30 06	249
Geocentric position (AU)	+0.00519258	+0.00763900	+0.00354032	
C/2002 L7	2002 06 13.77091	05 25 02.9	+21 32 47	249
Geocentric position (AU)	+0.00518925	+0.00763966	+0.00354107	
C/2002 L7	2002 06 13.78757	05 25 05.1	+21 36 02	249
Geocentric position (AU)	+0.00518568	+0.00764036	+0.00354188	

C/2002 L7	2002 06	13.81366	05 25	11.2	+21 41 01	249
Geocentric position (AU)		+0.00518009		+0.00764146	+0.00354315	
C/2002 L7	2002 06	13.82923	05 25	15.2	+21 44 39	249
Geocentric position (AU)		+0.00517675		+0.00764211	+0.00354391	
C/2002 L7	2002 06	13.83757	05 25	14.7	+21 45 47	249
Geocentric position (AU)		+0.00517496		+0.00764246	+0.00354431	
C/2002 L7	2002 06	13.85424	05 25	18.5	+21 49 11	249
Geocentric position (AU)		+0.00517138		+0.00764316	+0.00354512	

C/2002 L8 (SOHO)

C/2002 L8	2002 06	15.29522	05 30	46.4	+21 28 21	249
Geocentric position (AU)		+0.00485757		+0.00769981	+0.00361299	
C/2002 L8	2002 06	15.29867	05 30	48.3	+21 28 30	249
Geocentric position (AU)		+0.00485680		+0.00769994	+0.00361314	
C/2002 L8	2002 06	15.30563	05 30	48.8	+21 29 46	249
Geocentric position (AU)		+0.00485527		+0.00770019	+0.00361346	
C/2002 L8	2002 06	15.30911	05 30	49.6	+21 30 11	249
Geocentric position (AU)		+0.00485450		+0.00770032	+0.00361362	
C/2002 L8	2002 06	15.31605	05 30	51.2	+21 31 38	249
Geocentric position (AU)		+0.00485297		+0.00770057	+0.00361394	
C/2002 L8	2002 06	15.31952	05 30	52.1	+21 31 59	249
Geocentric position (AU)		+0.00485220		+0.00770070	+0.00361410	
C/2002 L8	2002 06	15.32645	05 30	52.8	+21 33 14	249
Geocentric position (AU)		+0.00485067		+0.00770096	+0.00361441	
C/2002 L8	2002 06	15.32993	05 30	54.5	+21 34 10	249
Geocentric position (AU)		+0.00484990		+0.00770108	+0.00361457	
C/2002 L8	2002 06	15.33687	05 30	55.1	+21 34 49	249
Geocentric position (AU)		+0.00484837		+0.00770134	+0.00361489	
C/2002 L8	2002 06	15.34034	05 30	55.9	+21 35 29	249
Geocentric position (AU)		+0.00484760		+0.00770146	+0.00361504	
C/2002 L8	2002 06	15.34730	05 30	58.8	+21 37 07	249
Geocentric position (AU)		+0.00484606		+0.00770172	+0.00361536	
C/2002 L8	2002 06	15.35076	05 30	59.8	+21 37 44	249
Geocentric position (AU)		+0.00484530		+0.00770184	+0.00361552	
C/2002 L8	2002 06	15.35770	05 31	00.9	+21 38 48	249
Geocentric position (AU)		+0.00484376		+0.00770210	+0.00361584	
C/2002 L8	2002 06	15.36117	05 31	02.0	+21 39 48	249
Geocentric position (AU)		+0.00484300		+0.00770223	+0.00361599	
C/2002 L8	2002 06	15.36814	05 31	02.6	+21 41 01	249
Geocentric position (AU)		+0.00484146		+0.00770248	+0.00361631	
C/2002 L8	2002 06	15.37159	05 31	04.6	+21 41 36	249
Geocentric position (AU)		+0.00484069		+0.00770260	+0.00361647	
C/2002 L8	2002 06	15.37855	05 31	05.2	+21 43 04	249
Geocentric position (AU)		+0.00483916		+0.00770286	+0.00361678	
C/2002 L8	2002 06	15.38203	05 31	06.0	+21 43 42	249
Geocentric position (AU)		+0.00483839		+0.00770299	+0.00361694	
C/2002 L8	2002 06	15.38895	05 31	08.1	+21 44 54	249
Geocentric position (AU)		+0.00483686		+0.00770324	+0.00361726	
C/2002 L8	2002 06	15.39242	05 31	08.3	+21 45 45	249
Geocentric position (AU)		+0.00483609		+0.00770336	+0.00361741	
C/2002 L8	2002 06	15.39938	05 31	10.7	+21 47 02	249
Geocentric position (AU)		+0.00483455		+0.00770362	+0.00361773	

C/2002 L8	2002 06	15.40284	05 31	11.5	+21 47 36	249
Geocentric position (AU)		+0.00483378		+0.00770374	+0.00361789	
C/2002 L8	2002 06	15.40981	05 31	13.0	+21 49 07	249
Geocentric position (AU)		+0.00483224		+0.00770400	+0.00361820	
C/2002 L8	2002 06	15.41327	05 31	15.1	+21 49 29	249
Geocentric position (AU)		+0.00483148		+0.00770412	+0.00361836	
C/2002 L8	2002 06	15.42022	05 31	15.4	+21 50 59	249
Geocentric position (AU)		+0.00482994		+0.00770437	+0.00361868	
C/2002 L8	2002 06	15.43406	05 31	19.0	+21 53 54	249
Geocentric position (AU)		+0.00482688		+0.00770487	+0.00361930	
C/2002 L8	2002 06	15.43707	05 31	20.5	+21 54 33	249
Geocentric position (AU)		+0.00482621		+0.00770498	+0.00361944	
C/2002 L8	2002 06	15.44323	05 31	21.5	+21 55 36	249
Geocentric position (AU)		+0.00482485		+0.00770521	+0.00361972	
C/2002 L8	2002 06	15.44629	05 31	22.3	+21 56 18	249
Geocentric position (AU)		+0.00482417		+0.00770532	+0.00361986	
C/2002 L8	2002 06	15.45240	05 31	25.2	+21 57 16	249
Geocentric position (AU)		+0.00482282		+0.00770554	+0.00362014	
C/2002 L8	2002 06	15.45543	05 31	25.4	+21 58 06	249
Geocentric position (AU)		+0.00482215		+0.00770565	+0.00362027	
C/2002 L8	2002 06	15.46187	05 31	27.5	+21 59 31	249
Geocentric position (AU)		+0.00482072		+0.00770588	+0.00362057	
C/2002 L8	2002 06	15.46534	05 31	28.1	+22 00 24	249
Geocentric position (AU)		+0.00481995		+0.00770601	+0.00362072	

7P/Pons-Winnecke

7P	2002 05	20.76931	21 40	17.32	-11 27 33.0	13.9 T	360
7P	2002 05	20.77167	21 40	17.84	-11 27 36.1		360
7P	2002 05	21.72712	21 43	55.92	-11 48 13.1	14.0 T	349
7P	2002 05	21.72890	21 43	56.29	-11 48 15.2		349
7P	2002 05	21.73016	21 43	56.65	-11 48 16.9		349
7P	2002 05	21.73144	21 43	56.88	-11 48 18.5		349
7P	2002 05	24.73101	21 55	16.99	-12 54 10.9		349
7P	2002 05	24.73363	21 55	17.62	-12 54 14.7		349
7P	2002 05	24.73509	21 55	17.90	-12 54 15.8		349
7P	2002 05	24.73978	21 55	19.04	-12 54 22.6	14.2 T	349
7P	2002 05	25.12998	21 56	46.95	-13 03 05.6	15.0 N	232
7P	2002 05	28.44946	22 09	08.89	-14 17 59.9	16.0 T	333
7P	2002 05	28.45578	22 09	10.37	-14 18 09.5	15.9 T	333
7P	2002 05	28.46257	22 09	11.80	-14 18 18.2	15.7 T	333
7P	2002 05	29.09993	22 11	32.89	-14 32 55.1		619
7P	2002 05	29.10343	22 11	33.77	-14 32 57.9		619
7P	2002 05	29.10460	22 11	34.17	-14 32 59.9		619
7P	2002 06	04.73919	22 35	29.79	-17 07 50.6	14.3 T	349
7P	2002 06	04.74197	22 35	30.45	-17 07 54.0		349
7P	2002 06	04.74513	22 35	31.02	-17 07 58.2		349
7P	2002 06	05.70378	22 38	52.90	-17 30 44.6		340
7P	2002 06	05.70815	22 38	53.89	-17 30 51.4		340
7P	2002 06	05.71262	22 38	54.79	-17 30 58.0		340
7P	2002 06	05.71384	22 38	55.06	-17 30 58.8	14.6 T	340
7P	2002 06	06.74213	22 42	29.38	-17 55 30.7		349
7P	2002 06	06.74324	22 42	29.65	-17 55 32.1		349
7P	2002 06	06.74414	22 42	29.79	-17 55 33.7		349

125P/Spacewatch						
125P	2002 03 12.84168	19 57 21.93	-13 13 43.4			340
125P	2002 03 12.84404	19 57 22.22	-13 13 42.8			340
125P	2002 03 12.84645	19 57 22.55	-13 13 42.3			340
125P	2002 03 12.84804	19 57 23.00	-13 13 41.9	18.0 T		340
125P	2002 06 13.41854	22 51 12.60	-02 30 14.2	22.0 T		291
125P	2002 06 13.42734	22 51 12.99	-02 30 13.2	21.6 T		291
125P	2002 06 13.43635	22 51 13.56	-02 30 11.6	21.8 T		291
151P/Helin						
151P	2001 08 16.24831	00 09 14.10	-02 08 36.0			1 829
151P	2001 08 16.26854	00 09 14.10	-02 08 39.0			1 829
151P	2001 08 16.34451	00 09 14.14	-02 08 52.4			1 829
152P/Helin-Lawrence						
152P	2002 05 19.59344	13 42 43.05	+01 39 17.3	17.7 T		360
152P	2002 05 19.59769	13 42 42.97	+01 39 17.4			360
152P	2002 06 01.86531	13 38 22.18	+01 13 19.6	17.3 T		170
152P	2002 06 01.89227	13 38 21.74	+01 13 15.5	17.3 T		170
152P	2002 06 03.85758	13 37 58.65	+01 07 26.4			118
152P	2002 06 03.86101	13 37 58.57	+01 07 25.8			118
152P	2002 06 03.86528	13 37 58.51	+01 07 25.1	17.2 T		118
152P	2002 06 05.57259	13 37 41.61	+01 01 58.3	17.8 T		360
152P	2002 06 05.57938	13 37 41.53	+01 01 56.6			360
152P	2002 06 09.23170	13 37 16.53	+00 49 05.2	18.4 T		704
152P	2002 06 09.25944	13 37 16.27	+00 48 58.6	19.5 T		704
152P	2002 06 09.28718	13 37 16.14	+00 48 51.8	18.8 T		704

Note 1: bad seeing. 2: involved with star. 3: poor sky. 4: weak image. 5: poor distribution of reference stars.

OBSERVATIONS OF PLUTO

Observations are published here for the following observatory codes:

- 185 Viques. Observer M. Ory. 0.61-m $f/4.08$ reflector + CCD.
 300 Bisei Spaceguard Center-BATTeRS. Observers A. Asami, D. J. Asher, T. Fuse, N. Hashimoto, A. I. Ibrahim, S. Isobe, K. Nishiyam, Y. Oshima, J. Terazono, H. Umehara, T. Urata, M. Yoshikawa. 0.25-m $f/5.0$ reflector + CCD.
 628 Turtle Star Observatory. Observers A. Boeker, A. Martin. 0.25-m $f/7.1$ Schmidt-Cassegrain + CCD.
 636 Essen. Observers A. Knöfel, T. Payer. 0.32-m $f/5.7$ reflector + CCD.
 673 Table Mountain Observatory, Wrightwood. Observers W. M. Owen, Jr., A. M. Sullivan, C. A. Vasquez. 0.61-m $f/16$ reflector + CCD.
 938 Linhaceira. Observer R. Goncalves. 0.25-m $f/6.7$ Schmidt-Cassegrain + CCD.
 955 Sassoeiros. Observer R. Goncalves. 0.25-m $f/8.0$ Schmidt-Cassegrain + CCD.

	Date	UT	α_{2000}	δ_{2000}	Mag.	N Obs.
Pluto	2000 07 19.90098		16 41 40.71	-11 00 01.1	13.8 R	955
Pluto	2000 07 20.89566		16 41 36.79	-11 00 15.2	13.8 R	955
Pluto	2002 05 04.02519		17 07 53.29	-12 43 26.2	14.0 R	938
Pluto	2002 05 23.94211		17 05 59.54	-12 39 55.4	13.9 R	938

Pluto	2002 05 25.95003	17 05 46.96	-12 39 40.6	13.8 R	938
Pluto	2002 06 01.61954	17 05 04.35	-12 38 57.7		300
Pluto	2002 06 01.62036	17 05 04.36	-12 38 57.7		300
Pluto	2002 06 01.62120	17 05 04.35	-12 38 57.8		300
Pluto	2002 06 01.62286	17 05 04.33	-12 38 57.6		300
Pluto	2002 06 01.62369	17 05 04.33	-12 38 57.6		300
Pluto	2002 06 01.62451	17 05 04.32	-12 38 57.6		300
Pluto	2002 06 01.98561	17 05 01.99	-12 38 55.3	13.4 R	628
Pluto	2002 06 01.99854	17 05 01.91	-12 38 55.1	13.5 R	636
Pluto	2002 06 02.00248	17 05 01.89	-12 38 54.9	13.5 R	636
Pluto	2002 06 02.00640	17 05 01.86	-12 38 55.0	13.5 R	636
Pluto	2002 06 02.01465	17 05 01.80	-12 38 55.1	13.4 R	628
Pluto	2002 06 02.04942	17 05 01.58	-12 38 54.8	13.4 R	628
Pluto	2002 06 17.90653	17 03 18.72	-12 38 14.5	13.5 R	185
Pluto	2002 06 18.88146	17 03 12.50	-12 38 14.8	13.5 R	185
Pluto	2002 06 22.24047	17 02 51.266	-12 38 19.54		673
Pluto	2002 06 22.24367	17 02 51.246	-12 38 19.55		673
Pluto	2002 06 22.24696	17 02 51.226	-12 38 19.57		673
Pluto	2002 06 22.87060	17 02 47.32	-12 38 20.5		185
Pluto	2002 06 22.92096	17 02 47.01	-12 38 20.6		185
Pluto	2002 06 22.94348	17 02 46.86	-12 38 20.6	13.4 R	185

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]
 0.9-m Schmidt telescope
 1999 TS₂₁₆, 3, 1, 0; 2002 CJ₅₅, 3, 1, 0; 2002 GJ₄₃, 3, 1, 0; 2002 GY₇₇, 3, 1, 0; [12, 4, 0*, 1993/08/16-1996/02/16]

012 Uccle

T. Pauwels, Koninklijke Sterrenwacht van België, Ringlaan 3, B-1180 Brussels, Belgium [Thierry.Pauwels@oma.be]
 Observers H. Boffin, H. Debehogne, T. Pauwels
 Measurer T. Pauwels
 0.85-m $f/2.5$ Schmidt + CCD
 GSC-1.2
 2001 XE₂₆₀ *, 4, 1, 0; 2002 GA₈₈, 5, 1, 0; 2002 GV₁₀₂, 4, 1, 0; 2002 GA₁₆₁, 10, 2, 31; 2002 JO₂₁, 5, 1, 0; 2002 JP₂₇, 5, 1, 0; 2002 KG₄, 5, 1, 0; [38, 7, 1*, 1999/11/15-2002/05/23]

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

2002 EK₁₁₁, 2, 1, 0; 2002 GE₁₆₁, 2, 1, 0; [4, 2, 0*, 1993/11/12–1994/01/15]

046 Kleť

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

Observers J. Tichá, M. Tichý

Measurer M. Tichý

0.57-m $f/5.2$ reflector + CCD

USNO-A2.0

GA CR 205/98/0266

1999 PW, 3, 1, 0; 2002 GS₅₈, 5, 1, 0; 2002 HU₁₁, 3, 1, 0; 2002 JR₉, 6, 1, 0; 2002 JV₁₅, 3, 1, 0; 2002 JS₁₀₀, 8, 2, 2; 2002 KF₄, 4, 1, 0; 2002 KG₄, 9, 1, 0; 2002 KH₄, 5, 1, 0; 2002 KJ₄, 6, 1, 0; 2002 LL, 6, 1, 0; 2002 LY₄₅, 6, 1, 0; 2002 LC₅₈, 4, 1, 0; 2002 MY, 4, 1, 0; [72, 14, 0*, 2002/04/18–2002/06/18]

049 Kvistaberg

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

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

Observers B. Davidsson, O. Karlsson, C.-I. Lagerkvist, T. Oja, C. Sandin, J. Warell
Measurers A. Erikson, G. Hahn, O. Karlsson, C.-I. Lagerkvist, S. Mottola, J. Warell

1.0m Schmidt + CCD

USNO-SA2.0

2000 YC₅₈, 3, 1, 0; 2001 SN₃₄₈ *, 3, 1, 0; 2001 TG₂₃₄, 3, 1, 0; 2001 UB₂₁₁, 3, 1, 0; 2001 UC₂₁₁, 3, 1, 0; 2001 UD₂₁₁, 3, 1, 0; 2001 UR₂₁₁, 3, 1, 0; 2001 UU₂₁₁, 3, 1, 0; 2001 UV₂₁₁, 3, 1, 0; 2001 UW₂₁₁, 3, 1, 0; 2001 UY₂₁₁, 3, 1, 0; 2001 WG₅₁, 3, 1, 0; 2001 WZ₆₄, 3, 1, 0; 2001 WM₆₅, 3, 1, 0; 2001 WE₆₆, 3, 1, 0; 2002 CS₁₇₀, 3, 1, 0; 2002 CE₂₂₈, 3, 1, 0; 2002 CV₂₇₇, 3, 1, 0; 2002 EM₇₈, 3, 1, 0; 2002 EB₁₀₂, 3, 1, 0; 2002 EE₁₀₄, 3, 1, 0; 2002 EV₁₁₀, 3, 1, 0; 2002 ET₁₁₁, 3, 1, 0; 2002 FK₂₀, 3, 1, 0; 2002 FZ₂₁, 3, 1, 0; 2002 FK₂₅, 3, 1, 0; 2002 FA₂₉, 3, 1, 0; 2002 FW₃₃, 3, 1, 0; 2002 GC₁₀, 4, 1, 0; 2002 GT₇₈, 3, 1, 0; 2002 GQ₈₈, 3, 1, 0; 2002 GV₉₇ *, 6, 2, 10; 2002 GK₁₀₅, 6, 2, 37; 2002 GL₁₀₅, 6, 2, 11; 2002 GQ₁₀₅, 6, 2, 34; 2002 GB₁₀₉, 3, 1, 0; 2002 GA₁₁₀ *, 3, 1, 0; 2002 GV₁₁₃, 3, 1, 0; 2002 GC₁₁₄, 3, 1, 0; 2002 GJ₁₁₈, 3, 1, 0; 2002 HH₁₅, 3, 1, 0; 2002 HL₁₅, 6, 2, 15; 2002 HY₁₅, 3, 1, 0; 2002 JS₆₈, 3, 1, 0; 2002 JX₆₈, 3, 1, 0; 2002 JB₆₉, 3, 1, 0; 2002 JL₉₇, 3, 1, 0; 2002 JQ₁₁₈, 3, 1, 0; [160, 48, 3*, 1999/11/14–2002/05/09]

071 Bulgarian National Observatory

V. Ivanova, Institute of Astronomy, 72 Tsarigradsko Schosse Blvd., BG-11784

Sofia, Bulgaria [ivanova@astro.bas.bg]

OBS G. Apostolovska, B. Bilkina, V. Protich-Benishek, Vl. Benishek, V. Ivanova

MEA B. Bilkina, G. Apostolovska, V. Benishek

1.0-m $f/5.2$ reflector + CCD

GSC-1.1

Partial support from Space Frontier Foundation Grant

2001 VG₅, 6, 2, 4; 2001 VS₇₈, 6, 2, 4; 2002 HU₁₁, 7, 2, 4; 2002 JR₉, 6, 2, 4; 2002 LH₅, 3, 1, 0; (6908), 3, 1, 0; [31, 6, 0*, 1997/07/06–2002/06/14]

095 Crimean Astrophysical Observatory

V. A. Shor, Institute of Applied Astronomy, Naberezhnaya Kutuzova 10, St.

Petersburg 191187, Russia [shor@quasar.ipa.nw.ru]

Observer V. V. Rumyantsev.

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

PPM

2000 YU₃₂, 1, 1, 0; 2001 RU₁₄₆, 1, 1, 0; [2, 2, 0*, 1993/09/15–1996/11/12]

104 San Marcello Pistoiese

L. Tesi, Osservatorio di Pian dei Termini, Viale Panoramico 45, I-51028 San Marcello Pistoiese (PT), Italy [iau@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-A2.0, USNO-SA2.0

2002 GD₁₁, 4, 1, 0; 2002 JT₅₂, 4, 1, 0; 2002 JP₁₀₃, 5, 1, 0; 2002 LV, 5, 1, 0; 2002 LT₂₄, 3, 1, 0; 2002 LY₄₅, 5, 1, 0; 2002 LZ₄₅, 4, 1, 0; 2002 LC₅₈, 6, 1, 0; [36, 8, 0*, 1995/04/05–2002/06/16]

106 Črni vrh

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

Observers J. Skvarč, H. Mikuž, S. Maticič

0.36-m $f/6.7$ Schmidt-Cassegrain + CCD

USNO-A2.0

2002 FK₁₀, 3, 1, 0; 2002 JQ₃₉, 3, 1, 0; [6, 2, 0*, 2002/03/12–2002/05/02]

107 Cavezzo

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

Observers M. Nicolini, P. Negrelli

Measurer M. Nicolini

0.40-m $f/5.5$ reflector + CCD

GSC

2001 DX₂₀, 3, 1, 0; [3, 1, 0*, 2002/06/14]

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

2002 HU₁₁, 5, 1, 0; 2002 JR₉, 4, 1, 0; 2002 LB₆, 5, 1, 0; 2002 LY₄₅, 3, 1, 0; (1036), 5, 1, 0; [22, 5, 0*, 2002/06/14]

118 Modra

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

[ago@fmph.uniba.sk]

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

0.6-m $f/5.5$ reflector + CCD

USNO-A2.0

2001 VS₇₈, 2, 1, 0; 2002 GH₁, 3, 1, 0; 2002 GD₁₁, 8, 3, 28; 2002 HU₁₁, 3, 1, 0; 2002 HK₁₂, 5, 2, 20; 2002 JY₈, 3, 1, 0; 2002 JB₉, 6, 2, 10; 2002 JR₉, 10, 3, 21; 2002 JV₁₅, 10, 2, 1; 2002 JW₁₅, 3, 1, 0; 2002 JQ₉₇, 3, 1, 0; 2002 KF₄, 2, 1, 0; 2002 KH₄, 13, 4, 19; 2002 LJ, 25, 8, 19; 2002 LL, 4, 1, 0; 2002 LV, 10, 3, 11; 2002 LW, 7, 2, 1; 2002 LX, 12, 3, 8; 2002 LB₆, 6, 2, 3; 2002 LT₂₄, 17, 5, 9; 2002 LE₃₁, 2, 1, 0; 2002 LS₃₂, 8, 2, 3; 2002 LD₃₅, 3, 1, 0; 2002 LY₄₅, 3, 1, 0; 2002 LZ₄₅, 16, 4, 5; 2002 MC, 6, 2, 6; 2002 MR₁, 5, 1, 0; 2002 MS₁, 4, 1, 0; [199, 28, 0*, 2002/05/15–2002/06/23]

127 Bornheim

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

0.30-m $f/3.2$ FFC + CCD

USNO-A2.0

2000 WO₁₅, 4, 2, 1; 2000 WZ₆₅, 5, 2, 1; 2000 WR₁₈₀, 2, 1, 0; 2001 VS₇₈, 5, 2, 1; 2002 CR₁₁₈, 2, 1, 0; (1922), 3, 1, 0; (40729), 5, 2, 1; [26, 7, 0*, 2002/04/29–2002/05/16]

130 Lumezzane

S. Foglia, F. Bisleri 11, I-20418 Milan, Italy [s.foglia@libero.it]
 Observers Serafino Zani Observatory, W. Marinello, C. Cremaschini, GP. Pizzetti,
 G.Pizzetti, G. Pizzetti
 Measurers W. Marinello, C. Cremaschini, G. Pizzetti
 0.40-m $f/4$ reflector + CCD
 USNO-A2.0
 2002 HU₁₁, 3, 1, 0; (8567), 4, 1, 0; [7, 2, 0*, 2002/06/15–2002/06/16]

143 Gnosca

S. Sposetti, CH-6525 Gnosca, Switzerland [spo@bluewin.ch]
 0.40-m $f/4$ reflector + CCD
 Tycho-2, GSC-ACT
 2002 EF, 3, 1, 0; 2002 EJ₁₂₈, 2, 1, 0; [5, 2, 0*, 2000/12/05–2002/03/07]

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
 1999 HF₁, 4, 1, 0; 2001 VG₅, 4, 1, 0; 2001 VS₇₈, 20, 4, 24; 2002 AL₁₄, 11, 3, 16; 2002 AJ₂₉, 7, 2, 12; 2002 FY₅, 3, 1, 0; 2002 GA₁₀, 30, 8, 27; 2002 GD₁₁, 8, 2, 15; 2002 JR₉, 16, 3, 27; 2002 JV₁₅, 4, 1, 0; 2002 JW₁₅, 16, 3, 12; 2002 KJ₄, 4, 1, 0; 2002 LJ, 4, 1, 0; 2002 LL, 3, 1, 0; 2002 LM, 4, 1, 0; 2002 LV, 8, 2, 13; 2002 LY₄₅, 4, 1, 0; 2002 MC, 3, 1, 0; (1007), 4, 1, 0; (1036), 4, 1, 0; (1922), 4, 1, 0; (4341), 4, 1, 0; (34683), 4, 1, 0; (38071), 4, 1, 0; [177, 24, 0*, 2002/05/20–2002/06/16]

152 Moletai Astronomical Observatory

K. Černis, Institute of Theoretical Physics and Astronomy, Gostauto 12, Vilnius,
 LT-2000 Lithuania [cernis@itpa.lt]
 Observers K. Černis, J. Zdanavicius
 1.65-m $f/8.1$ reflector + CCD
 GSC
 2000 SA₃₃₇, 5, 2, 1; 2000 WA₁₁₂, 3, 1, 0; 2000 WO₁₅₄, 5, 2, 1; 2002 CA₁₀₉, 6, 2, 1; 2002 FL₁₃, 3, 1, 0; 2002 FS₁₆, 5, 1, 0; 2002 FA₂₈, 3, 1, 0; 2002 GL₁₆, 2, 1, 0; 2002 GH₃₈, 2, 1, 0; 2002 GJ₉₉, 5, 2, 1; 2002 GQ₁₂₁, 3, 1, 0; 2002 GV₁₄₄, 3, 1, 0; 2002 GF₁₄₆, 5, 2, 1; 2002 GD₁₅₂, 5, 2, 1; (9675), 6, 2, 1; (16588), 3, 1, 0; (19068), 2, 1, 0; (39134), 5, 2, 1; (41493), 2, 1, 0; [73, 19, 0*, 2002/03/15–2002/03/17]

157 Frasso Sabino

A. Pelloni, via Oratorio Damasiano 15, I-00148 Rome, Italy [mc3657@mcLink.it]
 Observers R. Haver, F. Anzellini
 0.20-m $f/6.3$ Schmidt-Cassegrain + CCD
 USNO-A2.0
 1999 VW₂₂, 3, 1, 0; 2001 VS₇₈, 8, 2, 21; 2002 GD₁₁, 8, 2, 14; 2002 HU₁₁, 4, 1, 0; 2002 JB₉, 4, 1, 0; 2002 JR₉, 12, 3, 21; 2002 LB₆, 8, 2, 7; 2002 LY₁₁, 15, 3, 2; 2002 LT₂₅, 10, 2, 1; 2002 LS₃₂, 4, 1, 0; 2002 LY₄₅, 4, 1, 0; [80, 11, 0*, 2002/05/31–2002/06/22]

159 Monte Agliale

M. M. M. Santangelo, Monte Agliale Astronomical Observatory, Borgo a Mozzano,
 Lucca, Italy [ilra@comune.lucca.it]
 0.51-m $f/4.5$ Newtonian reflector + CCD
 USNO-A2.0
 2002 HK₁₃, 4, 1, 0; [4, 1, 0*, 2002/06/14]

160 Castelmartini

E. Prosperi, Via Bartolini 127, I-51030 Castelmartini (PT), Italy
 0.25-m $f/6.3$ Schmidt-Cassegrain + CCD
 GSC

(1922), 3, 1, 0; [3, 1, 0*, 2002/06/15]

163 Roeser Observatory, Luxembourg

M. Dawson, 66 Rue Boch, L-1244 Luxembourg, Luxembourg [dawson@pt.lu]
 0.50-m $f/4$ Newtonian + CCD
 USNO-A2.0
 2002 JR₉, 3, 1, 0; 2002 LJ, 6, 1, 0; [9, 2, 0*, 2002/06/01–2002/06/22]

170 Observatorio de Begues

J. Manteca, c/Santpere, no. Casa 22, E-08859 Begues, Barcelona, Spain
 [jmantecav@nexo.es]
 0.31-m $f/6.3$ Schmidt-Cassegrain + CCD
 USNO-SA2.0
 2002 KG₄, 8, 1, 0; [8, 1, 0*, 2002/05/23]

176 Observatori Astronomic de Consell

À. López, Apartado de correos 122, E-07320 Santa Maria, Mallorca, Spain
 [obsconsell@wanadoo.es]
 Observers À. López, R. Pacheco
 0.2-m $f/3.3$ Schmidt-Cassegrain + CCD
 USNO-SA2.0
 1998 PO, 4, 1, 0; 2002 KG₄, 9, 2, 1; 2002 KH₄, 4, 1, 0; 2002 KJ₄, 3, 1, 0; 2002 KL₆, 4, 1, 0; 2002 KK₈, 4, 1, 0; 2002 LV, 8, 1, 0; 2002 LG₃, 4, 1, 0; 2002 LH₃, 7, 2, 3; 2002 LB₆, 9, 2, 10; 2002 LV₆, 4, 1, 0; 2002 LE₃₁, 4, 1, 0; 2002 LS₃₂, 4, 1, 0; 2002 LY₄₅, 13, 3, 7; 2002 LZ₄₅, 5, 1, 0; [86, 15, 0*, 2002/05/23–2002/06/21]

185 Vicques

M. Ory, 30 Rue Beridier, CH-2800 Delemont, Switzerland [pivate@bluewin.ch]
 Observers M. Ory, C. Lovis
 Measurer M. Ory
 0.61-m $f/3.39$ reflector + CCD
 USNO-A2.0
 1999 KW₄, 5, 1, 0; 2000 WK₅₇, 3, 1, 0; 2001 ER₂₅, 7, 2, 28; 2001 VS₇₈, 5, 1, 0; 2002 AL₁₄, 6, 1, 0; 2002 HU₁₁, 9, 2, 7; 2002 JB₉, 7, 1, 0; 2002 JR₉, 17, 4, 12; 2002 JZ₉, 3, 1, 0; 2002 LJ, 9, 2, 4; 2002 LV, 4, 1, 0; 2002 LB₆, 9, 2, 7; (25), 3, 1, 0; (1036), 14, 3, 11; (1766), 9, 1, 0; (3040), 3, 1, 0; (9427), 4, 1, 0; (20703), 4, 1, 0; (22884), 4, 1, 0; (39454), 3, 1, 0; (40608), 3, 1, 0; (41401), 3, 1, 0; (41635), 3, 1, 0; (42173), 4, 1, 0; [141, 24, 0*, 2002/05/16–2002/06/22]

198 Wildberg

R. Apitzsch, Schwarzwaldstrasse 17-2, D-72218 Wildberg, Germany
 [rolfapitzsch@astro-wildberg.com]
 0.235-m Schmidt-Cassegrain + CCD
 USNO-SA2.0
 1999 HF₁, 3, 1, 0; 2001 VS₇₈, 4, 1, 0; 2002 AL₁₄, 3, 1, 0; 2002 HU₁₁, 7, 2, 4; 2002 JR₉, 20, 4, 10; 2002 KH₃, 5, 1, 0; 2002 MC, 3, 1, 0; (1036), 3, 1, 0; [48, 8, 0*, 2002/06/11–2002/06/22]

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
 2000 PS₆, 3, 1, 0; 2002 JR₉, 3, 1, 0; 2002 JM₁₀, 3, 1, 0; 2002 JV₁₅, 3, 1, 0; 2002 KG₄, 3, 1, 0; 2002 KH₄, 4, 2, 1; 2002 KJ₄, 3, 1, 0; 2002 LJ, 3, 1, 0; 2002 LV, 2, 1, 0; 2002 LS₃₂, 3, 1, 0; 2002 LY₄₅, 6, 2, 1; 2002 LZ₄₅, 3, 1, 0; [39, 12, 0*, 2002/04/22–2002/06/18]

203 GiaGa Observatory

G. Galli, via Mozart 4, Pogliano Milanese (MI), Italy [gllgianni@tiscalinet.it]
 0.13-m $f/6.4$ refractor + CCD
 GSC-1.2, USNO-A2.0

2001 TX₁₆, 10, 5, 10; 2002 EQ₉, 10, 3, 7; (2988), 7, 2, 1; (33087), 10, 5, 10; (36855), 4, 2, 2; [41, 5, 0*, 2002/03/22–2002/04/01]

209 Asiago Observatory, Cima Ekar-ADAS

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

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

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

0.67-m/0.92-m Schmidt + CCD

GSC-1.1, USNO-SA2.0

1994 SP₅, 3, 1, 0; 1996 XF₁₆, 3, 1, 0; 1999 RN₉, 3, 1, 0; 2000 YD₈₁, 3, 1, 0; 2001 TY₂₁₈, 3, 1, 0; 2001 TE₂₃₆, 3, 1, 0; 2001 UY₁₉₆, 3, 1, 0; 2001 WN₁₃, 3, 1, 0; 2001 YR₁₄₀ *, 3, 1, 0; 2001 YS₁₄₅ *, 3, 1, 0; 2001 YT₁₄₅ *, 3, 1, 0; 2001 YC₁₅₀, 3, 1, 0; 2001 YD₁₅₀, 3, 1, 0; 2001 YH₁₅₀, 3, 1, 0; 2001 YJ₁₅₀, 3, 1, 0; 2001 YK₁₅₀, 3, 1, 0; 2001 YN₁₅₀, 3, 1, 0; 2001 YO₁₅₀, 3, 1, 0; 2001 YY₁₅₀, 3, 1, 0; 2001 YZ₁₅₀, 3, 1, 0; 2002 AG₁₈₄, 3, 1, 0; 2002 BC₂₈, 3, 1, 0; 2002 CL₁₃₇, 3, 1, 0; 2002 CX₁₅₃, 3, 1, 0; 2002 CO₂₁₅, 3, 1, 0; 2002 CB₂₉₆, 3, 1, 0; 2002 CK₂₉₉, 3, 1, 0; 2002 CL₂₉₉, 3, 1, 0; 2002 DA₁₈, 3, 1, 0; 2002 EH₅₀, 3, 1, 0; 2002 EK₆₁, 3, 1, 0; 2002 ES₇₇, 3, 1, 0; 2002 EK₁₀₈, 3, 1, 0; 2002 ET₁₂₇, 3, 1, 0; 2002 EA₁₂₈, 3, 1, 0; 2002 EW₁₅₁, 3, 1, 0; 2002 FX₃₀, 3, 1, 0; 2002 GN₄₆, 3, 1, 0; 2002 GQ₇₂, 3, 1, 0; 2002 GD₈₀, 3, 1, 0; 2002 GJ₈₄, 3, 1, 0; 2002 GL₁₀₈, 3, 1, 0; 2002 GX₁₁₄, 3, 1, 0; 2002 GC₁₁₈, 3, 1, 0; 2002 JV₆₃, 3, 1, 0; 2002 JG₈₃, 3, 1, 0; 2002 KU₈, 3, 1, 0; [141, 47, 3*, 2001/02/01–2002/03/14]

212 Observatorio La Dehesilla

I. Almendros L., Via del Mar 10, E-29004 Málaga, Spain
[ialmend@supercable.es]

Observer I. Almendros

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

GSC-1.1

2001 XN₂₅₄, 2, 1, 0; [2, 1, 0*, 2002/05/18–2002/05/19]

213 Observatorio Montcabre

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

Observer R. Naves

Measurer M. Campas

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

GSC-1.1, USNO-A2.0

2002 KG₄, 20, 2, 1; 2002 LJ, 3, 1, 0; 2002 LY₄₅, 2, 1, 0; [25, 3, 0*, 2002/05/23–2002/06/15]

215 Buchloe

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

Observers W. Hasubick, A. Mros

0.44-m $f/4.6$ reflector + CCD

USNO-A2.0

1999 KW₄, 3, 1, 0; 2001 VG₅, 3, 1, 0; 2002 JB₉, 2, 1, 0; 2002 JR₉, 3, 1, 0; 2002 JQ₉₇, 3, 1, 0; 2002 KJ₄, 2, 1, 0; 2002 KL₆, 3, 1, 0; [19, 7, 0*, 2002/05/31]

225 Northwood Ridge Observatory

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

0.106-m $f/5$ reflector + CCD

USNO-A2.0

(531), 4, 2, 1; [4, 1, 0*, 2002/06/21–2002/06/22]

232 Masquefa Observatory

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

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

GSC-1.1

1999 HF₁, 4, 1, 0; 1999 KW₄, 7, 1, 0; 2001 VS₇₈, 5, 1, 0; (625), 3, 1, 0; (1036), 6, 1, 0; (1580), 6, 1, 0; [31, 6, 0*, 2002/05/24–2002/06/01]

233 Sauro Donati Astronomical Observatory, San Vito

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

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

USNO-A1.0

2002 JB₉, 5, 1, 0; 2002 JR₉, 5, 1, 0; (1036), 5, 1, 0; (1580), 6, 1, 0; [21, 4, 0*, 2002/06/01–2002/06/14]

239 Michael Adrian Observatory, Trebur

M. Kretlow, Michael Adrian Observatorium, Fichtenstrasse 7, D-65468 Trebur, Germany [mkretlow@gmx.de]

Observers M. Kretlow, J. Ohlert

Measurer M. Kretlow

1.0-m $f/8.3$ Cassegrain + CCD

USNO-SA1.0

1994 PN₁₈, 3, 1, 0; 2002 LL, 2, 1, 0; 2002 MC, 4, 2, 2; 2002 ME, 5, 1, 0; 2002 MY, 3, 1, 0; 2002 MR₁, 3, 1, 0; 2002 MS₁, 2, 1, 0; (41333), 2, 1, 0; (41981), 3, 1, 0; [27, 9, 0*, 2002/03/10–2002/06/21]

243 Umbrella Observatory

J. Schirmer, Falkenwg 19, D-21717 Fredenbeck, Germany [joerg.schirmer@t-online.de]

0.10-m $f/9.1$ refractor + CCD

USNO-A2.0

(1922), 2, 2, 16; [2, 1, 0*, 2002/06/01–2002/06/17]

246 Kleť–KLENOT

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

Observers J. Tichá, M. Tichý

Measurer M. Tichý

1.06-m KLENOT reflector + CCD

USNO-A2.0

GA CR 205/98/0266

1997 GX, 6, 1, 0; 1998 FE₁₂, 7, 1, 0; 2000 DJ₈, 3, 1, 0; 2000 QM₈₂, 4, 1, 0; 2000 SY₈, 6, 1, 0; 2000 WB₁₂₂, 4, 1, 0; 2001 BG₆₂, 7, 1, 0; 2002 GO₉, 3, 1, 0; 2002 GZ₃₂, 9, 2, 1; 2002 JZ₈, 10, 2, 1; 2002 JA₉, 3, 1, 0; 2002 JB₉, 6, 1, 0; 2002 JR₉, 5, 1, 0; 2002 JV₁₅, 4, 1, 0; 2002 JG₂₂, 8, 1, 0; 2002 JE₄₇, 6, 1, 0; 2002 JQ₉₇, 4, 1, 0; 2002 JN₁₀₀, 7, 1, 0; 2002 JY₁₀₈, 16, 2, 1; 2002 KM₃, 17, 3, 14; 2002 KJ₈, 3, 1, 0; 2002 KK₈, 5, 1, 0; 2002 LJ, 10, 2, 1; 2002 LK *, 42, 4, 3; 2002 LL, 3, 1, 0; 2002 LM, 8, 1, 0; 2002 LV, 23, 3, 13; 2002 LW, 9, 2, 12; 2002 LX, 16, 3, 9; 2002 LY₁, 12, 2, 11; 2002 LG₃, 12, 2, 5; 2002 LT₂₄, 13, 2, 3; 2002 LE₂₇, 5, 1, 0; 2002 LJ₂₇, 5, 1, 0; 2002 LS₃₂, 14, 2, 3; 2002 LD₃₅, 3, 1, 0; 2002 LT₃₈, 13, 2, 2; 2002 LY₄₅, 21, 3, 8; 2002 LZ₄₅, 8, 2, 3; 2002 ME, 4, 1, 0; 2002 MN, 8, 1, 0; 2002 MR₁, 5, 1, 0; 2002 MT₁, 4, 1, 0; (870), 6, 1, 0; (8887), 6, 1, 0; (39642), 8, 1, 0; [401, 46, 1*, 2002/03/13–2002/06/23]

260 Siding Spring-DSS

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[diluca@astbo4.bo.astro.it] (5)

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V. S. Casulli (3), A. Lowe (4), R. Haver (5), A. Pelloni (5), F. Anzellini (9)
1.2-m U.K. Schmidt

{1} 1999 XU₃₁, 1, 1, 0; 2002 GB₁₂₇, 2, 1, 0; 2002 JH₁₁₆, 2, 1, 0; [5, 3, 0*, 1984/03/07-1991/10/05]

{2} 2002 GD₁₁, 2, 1, 0; [2, 1, 0*, 1999/08/17]

{3} 2002 CW₉, 2, 1, 0; [2, 1, 0*, 1992/08/22]

{4} 1997 WN₅₇, 2, 1, 0; 1998 WJ₁, 4, 2, 1067; 1998 XP₇₄, 2, 1, 0; 1998 XS₉₃, 2, 1, 0; 1999 BL₁₈, 4, 2, 2481; 1999 CL₇₆, 2, 1, 0; 1999 FB₂₈, 2, 1, 0; 1999 GG₂₁, 6, 3, 1472; 1999 JU₁, 4, 2, 2068; 1999 JZ₁₃, 2, 1, 0; 1999 JJ₂₀, 2, 1, 0; 1999 JR₆₆, 6, 3, 914; 1999 JP₇₂, 4, 2, 942; 1999 JC₉₄, 2, 1, 0; 1999 JU₁₂₁, 2, 1, 0; 1999 LR₁₃, 2, 1, 0; 1999 NB₄, 4, 2, 57; 1999 NF₁₆, 8, 4, 5115; 1999 NF₄₃, 2, 1, 0; 1999 NL₄₄, 2, 1, 0; 1999 RU₁₀, 2, 1, 0; 1999 RC₄₃, 4, 2, 2669; 1999 RO₁₁₃, 2, 1, 0; 1999 RM₁₉₇, 2, 1, 0; 1999 TT₁₀₀, 2, 1, 0; 1999 TH₁₄₄, 6, 3, 2368; 1999 TP₂₇₀, 2, 1, 0; 1999 UQ₅₁, 2, 1, 0; 1999 VZ₂, 1, 0; 1999 VJ₂₄, 2, 1, 0; 1999 XG₁₆, 2, 1, 0; 1999 XG₂₆, 4, 2, 2424; 1999 XQ₁₂₈, 2, 1, 0; 2000 AR₂₀₁, 4, 2, 3439; 2000 AP₂₃₉, 2, 1, 0; 2000 BO₄, 2, 1, 0; 2000 CO₈₈, 2, 1, 0; 2000 DM₈₅, 2, 1, 0; 2000 ED₉, 4, 2, 3312; 2000 EE₉₅, 8, 4, 3565; 2000 EZ₉₆, 4, 2, 36; 2000 EA₁₅₈, 6, 3, 1895; 2000 FJ₃, 2, 1, 0; 2000 FB₁₆, 2, 1, 0; 2000 FE₄₄, 2, 1, 0; 2000 FE₅₀, 6, 3, 4572; 2000 GZ₃₅, 2, 1, 0; 2000 GM₅₃, 2, 1, 0; 2000 GN₉₇, 2, 1, 0; 2000 GF₁₃₃, 2, 1, 0; 2000 GW₁₅₇, 6, 3, 3537; 2000 GG₁₆₂, 2, 1, 0; 2000 JA₃₈, 2, 1, 0; 2000 JR₅₂, 4, 2, 1388; 2000 KP₇, 4, 2, 3280; 2000 KY₅₀, 2, 1, 0; 2000 LH₃, 2, 1, 0; 2000 NR₂, 4, 2, 50; 2000 QG₆, 4, 2, 5436; 2000 QH₂₅, 2, 1, 0; 2000 QY₆₄, 4, 2, 24; 2000 QX₁₂₇, 2, 1, 0; 2000 RK₆₂, 2, 1, 0; 2000 RO₆₇, 2, 1, 0; 2000 RY₈₁, 2, 1, 0; 2000 RB₈₈, 2, 1, 0; 2000 RT₁₀₃, 2, 1, 0; 2000 SM₅₂, 2, 1, 0; 2000 SJ₂₇₅, 6, 3, 5910; 2000 SZ₂₇₈, 4, 2, 4408; 2000 VL₄₇, 6, 3, 4789; 2000 WR₂₉, 4, 2, 66; 2000 WJ₉₈, 2, 1, 0; 2000 XC₂₇, 4, 2, 908; 2001 QH₁₈, 4, 2, 3963; 2001 QL₁₇₀, 4, 2, 1; 2001 SK₂₁, 6, 3, 5819; 2001 TG₁₂₀, 2, 1, 0; 2001 VC₁₃, 6, 3, 6113; 2001 WD₁₆, 2, 1, 0; 2002 CL₁₄₂, 2, 1, 0; 2002 CO₂₇₂, 2, 1, 0; 2002 GN₄, 4, 2, 2884; [260, 83, 0*, 1974/06/20-1996/12/15]

{5} 2000 RQ₃₇, 2, 1, 0; [2, 1, 0*, 1980/01/22]

{9} 1995 UA₁, 2, 1, 0; 1998 FT₁₂₆, 2, 1, 0; 1998 HT₄, 2, 1, 0; 1998 QK₁, 2, 1, 0; 1998 QO₁, 2, 1, 0; 1998 QP₁, 2, 1, 0; 1998 QQ₁, 2, 1, 0; 1998 QM₂, 2, 1, 0; 1998 QD₁₁, 2, 1, 0; 1998 QY₂₅, 6, 3, 992; 1998 WU₄, 2, 1, 0; 1999 VN₉₂, 2, 1, 0; 2000 XR₁₃, 2, 1, 0; 2001 DL₁₀₈, 2, 1, 0; [32, 14, 0*, 1977/03/23-1991/07/17]

261 Palomar-DSS

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[f.anzellini@libero.it] (9)

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A. Gnädig (1), A. Boattini (2), G. Forti (2), M. Tombelli (2), L. Tesi (2),
V. S. Casulli (3), A. Lowe (4), F. Anzellini (9)
1.2-m Schmidt

{1} 2002 JC, 2, 1, 0; 2002 JZ₁₅, 2, 1, 0; 2002 JH₁₁₆, 5, 3, 13294; 2002 LL₃₉, 2, 1, 0; [11, 4, 0*, 1956/03/11-1995/09/24]

{2} 2002 LJ₃, 2, 1, 0; [2, 1, 0*, 1993/05/12]

{3} 2001 DZ₂₅, 2, 1, 0; 2002 CH₄₃, 4, 2, 1769; 2002 HM₁₂, 2, 1, 0; (14084), 2, 1, 0; (40262), 2, 1, 0; [12, 5, 0*, 1990/05/13-1996/04/16]

{4} 1987 SA₄, 2, 1, 0; 1990 TF₆, 6, 3, 1995; 1991 TF, 4, 2, 12874; 1991 TC₂, 2, 1, 0; 1991 VE, 2, 1, 0; 1992 BF, 4, 2, 2; 1995 MA₁, 4, 1, 0; 1996 VZ₅, 6, 3, 2415; 1998 BT₁₅, 2, 1, 0; 1998 SZ₅₃, 8, 4, 2560; 1998 UK₂₁, 4, 2, 13849; 1998 WJ₁, 2, 1, 0; 1998 XM₂, 2, 1, 0; 1998 XP₇₄, 2, 1, 0; 1998 XS₉₃, 4, 2, 71; 1999 BL₁₈, 2, 1, 0; 1999 CY₂, 6, 3, 47; 1999 CL₇₆, 10, 5, 1880; 1999 DL₁, 2, 1, 0; 1999 DH₂, 4, 2, 13; 1999 DV₅, 4, 2, 438; 1999 FB₂₈, 6, 3, 15478; 1999 GE₁₅, 2, 1, 0; 1999 GG₂₁, 4, 2, 14075; 1999 GQ₃₃, 4, 2, 28; 1999 JN₃, 2, 1, 0; 1999 JZ₁₃, 4, 2, 1584; 1999 JJ₂₀, 4, 2, 15354; 1999 JR₆₆, 2, 1, 0; 1999 JP₇₂, 2, 1, 0; 1999 JC₉₄, 2, 1, 0; 1999 JU₁₂₁, 2, 1, 0; 1999 LR₁₃, 2, 1, 0; 1999 NZ₃₇, 2, 1, 0; 1999 NL₄₄, 4, 2, 1431; 1999 NH₄₈, 4, 2, 23; 1999 RV₁₁, 2, 1, 0; 1999 RX₅₂, 2, 1, 0; 1999 RB₉, 6, 3, 63; 1999 RX₁₃₈, 4, 2, 13936; 1999 RM₁₉₇, 4, 2, 14271; 1999 SP₈, 4, 2, 15214; 1999 TH₁₄₄, 2, 1, 0; 1999 TP₂₇₀, 4, 2, 2281; 1999 UQ₅₁, 12, 6, 14968; 1999 XG₂₆, 8, 4, 13449; 1999 XB₁₃₄, 2, 1, 0; 1999 XX₁₇₆, 6, 3, 13837; 2000 AW₉₈, 10, 5, 14291; 2000 AU₁₃₀, 2, 1, 0; 2000 BO₄, 2, 1, 0; 2000 BB₁₅, 2, 1, 0; 2000 BJ₁₉, 2, 1, 0; 2000 CK₈₇, 8, 4, 2330; 2000 CO₈₈, 4, 2, 2; 2000 CK₁₀₄, 2, 1, 0; 2000 DF₃, 2, 1, 0; 2000 ED₉, 2, 1, 0; 2000 ED₉₅, 4, 2, 13045; 2000 EE₉₅, 6, 3, 1095; 2000 EG₁₁₇, 2, 1, 0; 2000 EA₁₅₈, 2, 1, 0; 2000 FJ₃, 4, 2, 2916; 2000 FB₁₆, 2, 1, 0; 2000 FD₃₁, 2, 1, 0; 2000 FE₄₄, 4, 2, 1445; 2000 FE₅₀, 2, 1, 0; 2000 GM₅₃, 2, 1, 0; 2000 GU₁₀₈, 6, 3, 12807; 2000 GE₁₁₄, 6, 3, 12988; 2000 GF₁₃₃, 2, 1, 0; 2000 GW₁₅₇, 6, 3, 498; 2000 JA₃₈, 4, 2, 1455; 2000 JF₅₈, 2, 1, 0; 2000 KP₇, 4, 2, 1900; 2000 KQ₁₅, 2, 1, 0; 2000 KY₅₀, 2, 1, 0; 2000 LH₃, 4, 2, 444; 2000 NU₅, 4, 2, 23; 2000 OU₁₅, 4, 2, 2491; 2000 QG₆, 4, 2, 1556; 2000 QY₆₄, 2, 1, 0; 2000 QJ₉₈, 2, 1, 0; 2000 QG₁₂₄, 2, 1, 0; 2000 QX₁₂₇, 4, 2, 15382; 2000 QT₁₄₈, 12, 6, 15445; 2000 RS₃₇, 6, 3, 82; 2000 RQ₃₈, 2, 1, 0; 2000 RK₆₂, 6, 3, 2863; 2000 RO₆₇, 2, 1, 0; 2000 RY₈₁, 2, 1, 0; 2000 RB₈₈, 2, 1, 0; 2000 RT₁₀₃, 2, 1, 0; 2000 SK₁₆₀, 2, 1, 0; 2000 SJ₂₇₅, 8, 4, 12370; 2000 SZ₂₇₈, 2, 1, 0; 2000 VZ₆₂, 2, 1, 0; 2000 WX₂₉, 4, 2, 13990; 2000 WF₆₂, 4, 2, 2192; 2000 WT₆₂, 4, 2, 82; 2001 EB, 2, 1, 0; 2001 MO₂₅, 8, 4, 21; 2001 NJ₉, 2, 1, 0; 2001 NM₁₈, 4, 2, 35; 2001 QA₁₄, 4, 2, 1396; 2001 QH₁₈, 4, 2, 2; 2001 QP₃₁, 2, 1, 0; 2001 QK₉₇, 2, 1, 0; 2001 QM₁₄₈, 4, 2, 33; 2001 QL₁₇₀, 6, 3, 16394; 2001 QD₂₂₀, 6, 3, 1409; 2001 TF₁₀₇, 2, 1, 0; 2001 VN₁₂, 6, 2, 492; 2001 VF₇₄, 4, 2, 1396; 2001 WD₁₆, 2, 2, 2866; 2001 XP₁₇₂, 2, 1, 0; 2002 GN₄, 2, 1, 0; 2002 JA₁₀₁, 6, 3, 1789; 2002 KB, 4, 2, 1774; [27031], 4, 1, 0; [448, 120, 0*, 1950/04/12-1999/03/13]

{9} 1995 UA₁, 2, 1, 0; 1996 GF₁, 2, 1, 0; 1998 FR₁₂₆, 2, 1, 0; 1998 HT₄, 2, 1, 0; 1998 OF₆, 2, 1, 0; 1998 QB, 2, 1, 0; 1998 QK₁, 2, 1, 0; 1998 QO₁, 2, 1, 0; 1998 QV₅₅, 2, 1, 0; 1998 SG₇₁, 2, 1, 0; 1998 WU₄, 2, 1, 0; 2001 CH₄₈, 2, 1, 0; 2002 GO₉, 2, 1, 0; [26, 13, 0*, 1950/05/10-1995/03/29]

291 Kitt Peak, Steward Observatory-Spacewatch II

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

Observers T. Gehrels, J. V. Scotti, J. A. Larsen, T. H. Bressi, A. S. Descour,
R. S. McMillan, M. Block

Measurer Program IMPACT (v2.1)
1.8-m Spacewatch Telescope + CCD
USNO-SA2.0

1978 VN₁₀, 3, 1, 0; 1979 MO₇, 3, 1, 0; 1981 EF₃₈, 3, 1, 0; 1988 EK, 3, 1, 0; 1988 TV₁, 3, 1, 0; 1991 XB₁, 3, 1, 0; 1992 BZ₁, 3, 1, 0; 1992 ET₃₂, 3, 1, 0; 1992 RV₆, 3, 1, 0; 1993 FC₄₁, 3, 1, 0; 1993 OM₇, 3, 1, 0; 1993 QN₅, 3, 1, 0; 1993 TF₁₁, 3, 1, 0; 1993 VU, 3, 1, 0; 1994 BC₃, 6, 2, 14; 1994 PA₃₆, 3, 1, 0; 1995 SW₁₄, 3, 1, 0; 1995 SB₁₉, 3, 1, 0; 1995 TP, 3, 1, 0; 1995 VX₁₃, 3, 1, 0; 1996 RY₂₇, 3, 1, 0; 1996 VV₁₅, 3, 1, 0; 1996 XK₆, 3, 1, 0; 1997 AU₁₈, 3, 1, 0; 1997 CX₂₂, 3, 1, 0; 1997 GX₁₁, 3, 1, 0; 1997 GM₁₇, 3, 1, 0; 1997 HV₁₀, 3, 1, 0; 1998 AN₁₀, 3, 1, 0; 1998 BD₄₂, 3, 1, 0; 1998 DR₇, 3, 1, 0; 1998 DK₁₅, 3, 1, 0; 1998 DB₂₈, 3, 1, 0; 1998 DD₃₅, 3, 1, 0; 1998 EL₈, 3, 1, 0; 1998 EX₁₁, 6, 2, 14; 1998 FS₁₃, 3, 1, 0; 1998 FX₄₀, 3, 1, 0; 1998 FD₄₃, 3, 1, 0; 1998 FX₄₉, 3, 1, 0; 1998 FP₅₅, 3, 1, 0; 1998 FM₅₉, 3, 1, 0; 1998 FL₆₂, 3, 1, 0; 1998 FX₆₃, 3, 1, 0; 1998 FF₁₃₇, 3, 1, 0; 1998 HO₅, 3, 1, 0; 1998 HE₃₇, 3, 1, 0; 1998 HJ₈₆, 3, 1, 0; 1998 HU₉₆, 3, 1, 0; 1998 HS₁₄₈, 3, 1, 0; 1998 KG₃₅, 6, 2, 1; 1998 KJ₅₈, 3, 1, 0; 1998 OR₂, 2, 1, 0; 1998 QM₁₇, 3, 1, 0; 1998 QZ₈₃, 3, 1, 0; 1998 QX₈₅, 3, 1, 0; 1998 QN₈₇, 3, 1, 0; 1998 RG₅, 3, 1, 0; 1998 RO₁₆, 3, 1, 0; 1998 RV₂₂, 3, 1, 0; 1998 RP₇₇, 3, 1, 0; 1998 SQ₁₃, 3, 1, 0; 1998 SR₁₅, 3, 1, 0; 1998 SX₃₂, 3, 1, 0; 1998 SZ₃₈, 3, 1, 0; 1998 SE₆₃, 3, 1, 0; 1998 SD₇₂, 3, 1, 0; 1998 SK₉₈, 3, 1, 0; 1998 SQ₁₁₄, 3, 1, 0; 1998 SA₁₁₇, 6, 2, 1; 1998 SR₁₃₇, 3, 1, 0; 1998 SN₁₄₃, 3, 1, 0; 1998 SQ₁₅₂, 3, 1, 0; 1998 TT₁₂, 3, 1, 0; 1998 UN₁₅, 3, 1, 0; 1998 VP₄, 3, 1, 0; 1998 VK₁₅, 3, 1, 0; 1998 VZ₁₆, 3, 1, 0; 1998 VW₁₇, 3, 1, 0; 1998 WK₂₂, 3, 1, 0; 1998 WJ₃₃, 3, 1, 0; 1998 XL₉₉, 3, 1, 0; 1999 AD₇, 3, 1, 0; 1999 GS₆, 6, 2, 1; 1999 JC₁₂₀, 3, 1, 0; 1999 NH₃₉, 3, 1, 0; 1999 NH₅₀, 3, 1, 0; 1999 PN₆, 3, 1, 0; 1999 QQ, 3, 1, 0; 1999 QW, 3,

1, 0; 1999 RU₃, 3, 1, 0; 1999 RM₁₆, 3, 1, 0; 1999 RO₂₀, 3, 1, 0; 1999 RL₂₃, 3, 1, 0; 1999 RZ₂₄, 3, 1, 0; 1999 RR₃₈, 3, 1, 0; 1999 RP₆₉, 3, 1, 0; 1999 RO₇₃, 3, 1, 0; 1999 RJ₈₃, 3, 1, 0; 1999 RH₈₇, 3, 1, 0; 1999 RQ₉₀, 3, 1, 0; 1999 RW₉₁, 3, 1, 0; 1999 RZ₁₁₈, 3, 1, 0; 1999 RL₁₃₆, 6, 2, 1; 1999 RQ₁₃₉, 3, 1, 0; 1999 RH₁₄₅, 3, 1, 0; 1999 RF₁₅₅, 3, 1, 0; 1999 RH₁₆₁, 3, 1, 0; 1999 RY₁₆₄, 3, 1, 0; 1999 RC₁₉₀, 3, 1, 0; 1999 RK₁₉₄, 3, 1, 0; 1999 RB₁₉₅, 3, 1, 0; 1999 RA₁₉₈, 3, 1, 0; 1999 RQ₂₂₁, 6, 2, 1; 1999 RR₂₂₅, 3, 1, 0; 1999 RZ₂₄₆, 3, 1, 0; 1999 SY₂, 3, 1, 0; 1999 SS₄, 3, 1, 0; 1999 SA₁₃, 6, 2, 1; 1999 ST₂₆, 6, 2, 1; 1999 TR₁, 3, 1, 0; 1999 TV₁, 3, 1, 0; 1999 TO₃, 3, 1, 0; 1999 TU₅, 3, 1, 0; 1999 TA₁₂, 3, 1, 0; 1999 TD₁₄, 3, 1, 0; 1999 TN₁₆, 3, 1, 0; 1999 TS₂₆, 3, 1, 0; 1999 TN₃₇, 3, 1, 0; 1999 TM₅₃, 3, 1, 0; 1999 TX₇₄, 3, 1, 0; 1999 TL₉₂, 3, 1, 0; 1999 TX₉₂, 3, 1, 0; 1999 TQ₉₃, 3, 1, 0; 1999 TW₉₄, 3, 1, 0; 1999 TZ₉₅, 3, 1, 0; 1999 TU₉₉, 3, 1, 0; 1999 TH₁₀₇, 3, 1, 0; 1999 TQ₁₀₇, 3, 1, 0; 1999 TE₁₂₂, 3, 1, 0; 1999 TH₁₂₂, 3, 1, 0; 1999 TK₁₂₃, 3, 1, 0; 1999 TY₁₂₆, 3, 1, 0; 1999 TY₁₂₉, 3, 1, 0; 1999 TL₁₃₆, 3, 1, 0; 1999 TN₁₃₈, 3, 1, 0; 1999 TU₁₄₀, 3, 1, 0; 1999 TH₁₅₀, 3, 1, 0; 1999 TH₁₅₁, 3, 1, 0; 1999 TA₁₅₉, 3, 1, 0; 1999 TH₁₆₃, 3, 1, 0; 1999 TN₁₆₉, 3, 1, 0; 1999 TW₁₇₇, 3, 1, 0; 1999 TR₂₁₂, 3, 1, 0; 1999 TC₂₃₃, 3, 1, 0; 1999 TL₂₃₃, 3, 1, 0; 1999 TE₂₄₃, 6, 2, 1; 1999 TU₂₅₁, 3, 1, 0; 1999 TY₂₅₁, 3, 1, 0; 1999 TU₂₇₇, 3, 1, 0; 1999 TW₂₈₆, 3, 1, 0; 1999 TT₂₉₀, 3, 1, 0; 1999 TN₂₉₃, 3, 1, 0; 1999 TB₃₁₂, 3, 1, 0; 1999 UL₈, 3, 1, 0; 1999 UO₁₂, 3, 1, 0; 1999 UV₁₆, 3, 1, 0; 1999 UQ₂₅, 3, 1, 0; 1999 UZ₂₇, 3, 1, 0; 1999 UD₄₂, 6, 2, 3; 1999 UO₄₄, 6, 2, 1; 1999 UC₄₇, 3, 1, 0; 1999 UD₅₂, 3, 1, 0; 1999 VS₁, 3, 1, 0; 1999 VG₆, 6, 2, 1; 1999 VF₆, 3, 1, 0; 1999 VO₁₀, 3, 1, 0; 1999 VH₂₂, 3, 1, 0; 1999 VA₂₃, 3, 1, 0; 1999 VQ₂₉, 3, 1, 0; 1999 VY₃₃, 3, 1, 0; 1999 VT₅₄, 3, 1, 0; 1999 VY₆₂, 3, 1, 0; 1999 VO₆₃, 3, 1, 0; 1999 VU₆₄, 3, 1, 0; 1999 VY₆₅, 3, 1, 0; 1999 VW₇₈, 3, 1, 0; 1999 VJ₈₃, 3, 1, 0; 1999 VG₉₀, 3, 1, 0; 1999 VN₉₂, 3, 1, 0; 1999 VL₉₇, 3, 1, 0; 1999 VB₁₀₃, 3, 1, 0; 1999 VJ₁₀₅, 3, 1, 0; 1999 VJ₁₁₀, 3, 1, 0; 1999 VD₁₁₈, 3, 1, 0; 1999 VQ₁₂₁, 3, 1, 0; 1999 VF₁₂₄, 3, 1, 0; 1999 VJ₁₂₄, 3, 1, 0; 1999 VF₁₂₆, 3, 1, 0; 1999 VO₁₂₆, 3, 1, 0; 1999 VX₁₂₈, 3, 1, 0; 1999 VB₁₃₇, 3, 1, 0; 1999 VE₁₃₈, 6, 2, 1; 1999 VJ₁₅₈, 3, 1, 0; 1999 VU₁₆₅, 3, 1, 0; 1999 VF₁₆₉, 3, 1, 0; 1999 VS₁₇₀, 3, 1, 0; 1999 VO₁₈₈, 3, 1, 0; 1999 VD₁₉₃, 3, 1, 0; 1999 VS₁₉₄, 6, 2, 13; 1999 VS₁₉₉, 3, 1, 0; 1999 VG₂₀₀, 3, 1, 0; 1999 WR₄, 6, 2, 10; 1999 WM₁₃, 3, 1, 0; 1999 WC₂₆, 3, 1, 0; 1999 XT₅, 3, 1, 0; 1999 XN₁₅, 3, 1, 0; 1999 XT₁₉, 3, 1, 0; 1999 XA₂₀, 3, 1, 0; 1999 XM₂₂, 3, 1, 0; 1999 XX₂₃, 3, 1, 0; 1999 XC₂₉, 3, 1, 0; 1999 XD₃₀, 3, 1, 0; 1999 XA₃₈, 3, 1, 0; 1999 XX₄₆, 3, 1, 0; 1999 XK₅₁, 3, 1, 0; 1999 XJ₅₃, 3, 1, 0; 1999 XM₅₄, 3, 1, 0; 1999 XO₅₈, 3, 1, 0; 1999 XN₆₆, 3, 1, 0; 1999 XD₆₈, 3, 1, 0; 1999 XQ₇₄, 3, 1, 0; 1999 XL₁₀₉, 3, 1, 0; 1999 XV₁₃₅, 3, 1, 0; 1999 XD₁₅₁, 3, 1, 0; 1999 XJ₁₅₄, 3, 1, 0; 1999 XY₁₅₇, 3, 1, 0; 1999 XV₁₆₆, 3, 1, 0; 1999 XY₂₀₉, 3, 1, 0; 1999 XH₂₁₅, 3, 1, 0; 1999 YL₉, 3, 1, 0; 2000 AD₁₅, 3, 1, 0; 2000 AE₁₅, 3, 1, 0; 2000 AW₄₅, 3, 1, 0; 2000 AN₇₄, 3, 1, 0; 2000 AN₇₆, 3, 1, 0; 2000 AB₇₇, 3, 1, 0; 2000 AK₁₀₄, 3, 1, 0; 2000 AW₁₆₅, 3, 1, 0; 2000 AX₁₇₅, 3, 1, 0; 2000 AF₁₇₆, 3, 1, 0; 2000 AC₁₉₃, 3, 1, 0; 2000 AX₁₉₇, 3, 1, 0; 2000 AC₂₀₀, 3, 1, 0; 2000 AW₂₁₅, 3, 1, 0; 2000 AM₂₄₂, 3, 1, 0; 2000 BE₃₁, 3, 1, 0; 2000 CE₄₁, 3, 1, 0; 2000 CT₁₀₃, 3, 1, 0; 2000 CG₁₁₂, 3, 1, 0; 2000 DW₁₇, 3, 1, 0; 2000 JL₅₉, 3, 1, 0; 2000 LY₂₇, 3, 1, 0; 2000 PR₃, 3, 1, 0; 2000 QL₅, 3, 1, 0; 2000 QF₁₂₇, 3, 1, 0; 2000 RL₁₀₄, 3, 1, 0; 2000 SY₁₀₄, 3, 1, 0; 2000 SB₁₆₁, 3, 1, 0; 2000 SG₁₆₁, 3, 1, 0; 2000 SH₂₉₃, 3, 1, 0; 2000 TC₂₃, 3, 1, 0; 2000 UD₅, 3, 1, 0; 2000 UA₈, 3, 1, 0; 2000 UC₁₀, 3, 1, 0; 2000 UR₃₄, 3, 1, 0; 2000 UE₄₂, 3, 1, 0; 2000 UE₄₄, 3, 1, 0; 2000 UM₈₁, 3, 1, 0; 2000 UT₉₆, 3, 1, 0; 2000 UV₉₆, 3, 1, 0; 2000 UP₉₈, 3, 1, 0; 2000 VU₄, 3, 1, 0; 2000 VR₁₇, 3, 1, 0; 2000 VJ₂₃, 3, 1, 0; 2000 VE₃₁, 3, 1, 0; 2000 WD₃, 3, 1, 0; 2000 WW₃, 3, 1, 0; 2000 WH₈, 3, 1, 0; 2000 WF₉, 3, 1, 0; 2000 WN₄₃, 3, 1, 0; 2000 WA₅₀, 3, 1, 0; 2000 WZ₅₅, 3, 1, 0; 2000 WJ₅₇, 3, 1, 0; 2000 WA₆₁, 3, 1, 0; 2000 WR₈₆, 3, 1, 0; 2000 WT₉₁, 3, 1, 0; 2000 WP₁₁₄, 3, 1, 0; 2000 WT₁₂₆, 3, 1, 0; 2000 WB₁₃₁, 3, 1, 0; 2000 WT₁₄₂, 3, 1, 0; 2000 WX₁₄₉, 3, 1, 0; 2000 WO₁₅₄, 9, 1, 0; 2000 WO₁₅₇, 3, 1, 0; 2000 WL₁₅₉, 3, 1, 0; 2000 XA₁₀, 3, 1, 0; 2000 XN₄₄, 3, 1, 0; 2000 YV₅, 3, 1, 0; 2000 YP₁₂, 3, 1, 0; 2000 YF₂₁, 3, 1, 0; 2000 YX₂₁, 3, 1, 0; 2000 YZ₂₈, 3, 1, 0; 2000 YX₃₅, 3, 1, 0; 2000 YO₃₇, 3, 1, 0; 2000 YP₄₀, 3, 1, 0; 2000 YJ₅₂, 3, 1, 0; 2000 YX₅₄, 3, 1, 0; 2000 YO₅₈, 3, 1, 0; 2000 YJ₆₀, 3, 1, 0; 2000 YX₆₂, 3, 1, 0; 2000 YA₆₃, 6, 2, 1; 2000 YC₇₂, 3, 1, 0; 2000 YA₇₅, 3, 1, 0; 2000 YX₈₅, 6, 2, 14; 2000 YH₉₆, 3, 1, 0; 2000 YE₉₇, 3, 1, 0; 2000 YL₁₀₃, 3, 1, 0; 2000 YG₁₁₇, 3, 1, 0; 2001 AK₃, 3, 1, 0; 2001 AW₃, 1, 0; 2001 AA₂, 3, 1, 0; 2001 AO₅, 3, 1, 0; 2001 AL₂₂, 3, 1, 0; 2001 AN₃₁, 3, 1, 0; 2001 AQ₃₁, 3, 1, 0; 2001 AA₃₃, 3, 1, 0; 2001 AV₃₃, 3, 1, 0; 2001 AM₃₆, 3, 1, 0; 2001 AP₃₉, 3, 1, 0; 2001 AY₄₀, 6, 2, 1; 2001 AJ₄₁, 3, 1, 0; 2001 BL₂, 6, 2, 3; 2001 BT₁₄, 3, 1, 0; 2001 BP₆₀, 3, 1, 0; 2001 BQ₇₆, 3, 1, 0; 2001 CH₁, 3, 1, 0; 2001 CG₁₂, 3, 1, 0; 2001 CY₁₉, 3, 1, 0; 2001 CY₃₈, 3, 1, 0; 2001 CD₃₉, 3, 1, 0; 2001 CE₄₁, 3, 1, 0; 2001 DJ₁₅, 3, 1, 0; 2001 DP₂₆, 3, 1, 0; 2001 DM₅₅, 3, 1, 0; 2001 DZ₅₉, 3, 1, 0; 2001 DO₇₅, 3, 1, 0; 2001 DW₇₉, 6, 2, 1; 2001 DF₈₉, 3, 1, 0; 2001 EA₂, 3, 1, 0; 2001 EJ₆, 3, 1, 0; 2001 EV₉, 3, 1, 0; 2001 EN₁₁, 3, 1, 0; 2001 EC₁₃, 3, 1, 0; 2001 EK₁₄, 3, 1, 0; 2001 FN₅₈, 3, 1, 0; 2001 FF₆₂, 3, 1, 0; 2001 FF₈₂, 3, 1, 0; 2001 FN₁₀₆, 3, 1, 0; 2001 JS₆, 3, 1, 0; 2001 KB₆₇, 3, 1, 0; 2001 QC₃₄, 3, 1, 0; 2001 RR₁₄₉, 3, 1, 0; 2001 RO₁₅₀, 3, 1, 0; 2001 SC₃₂₁, 6, 1, 0; 2001 SO₃₂₅ *, 3, 1, 0; 2001 SP₃₂₅ *, 3, 1, 0; 2001 SQ₃₂₅ *, 3, 1, 0; 2001 SC₃₂₆ *, 3, 1, 0; 2001 SD₃₂₆ *, 3, 1, 0; 2001 SE₃₂₆ *, 3, 1, 0; 2001 SF₃₂₆ *, 3, 1, 0; 2001 SX₃₂₆ *, 3, 1, 0; 2001 SY₃₂₆ *, 3, 1, 0; 2001 SZ₃₂₆ *, 3, 1, 0; 2001 SA₃₂₇ *, 3, 1, 0; 2001 SB₃₂₇ *, 3, 1, 0; 2001 SC₃₂₇ *, 3, 1, 0; 2001 SD₃₂₇ *, 3, 1, 0; 2001 SE₃₂₇ *, 3, 1, 0; 2001 SF₃₂₇ *, 3, 1, 0; 2001 SG₃₂₇ *, 3, 1, 0; 2001 SH₃₂₇ *, 3, 1, 0; 2001 SJ₃₂₇ *, 3, 1, 0; 2001 SK₃₂₇ *, 3, 1, 0; 2001 SL₃₂₇ *, 3, 1, 0; 2001 SM₃₂₇ *, 3, 1, 0; 2001 SN₃₂₇ *, 3, 1, 0; 2001 SO₃₂₇ *, 3, 1, 0; 2001 SP₃₂₇ *, 3, 1, 0; 2001 SQ₃₂₇ *, 3, 1, 0; 2001 SR₃₂₇ *, 3, 1, 0; 2001 SS₃₂₇ *, 3, 1, 0; 2001 ST₃₂₇ *, 3, 1, 0; 2001 SV₃₂₇ *, 3, 1, 0; 2001 SW₃₂₇ *, 3, 1, 0; 2001 SX₃₂₇ *, 3, 1, 0; 2001 SY₃₂₇ *, 3, 1, 0; 2001 SZ₃₂₇ *, 3, 1, 0; 2001 SA₃₂₈ *, 3, 1, 0; 2001 SB₃₂₈ *, 3, 1, 0; 2001 SC₃₂₈ *, 3, 1, 0; 2001 SD₃₂₈ *, 3, 1, 0; 2001 SE₃₂₈ *, 3, 1, 0; 2001 SF₃₂₈ *, 3, 1, 0; 2001 SG₃₂₈ *, 3, 1, 0; 2001 SH₃₂₈ *, 3, 1, 0; 2001 SJ₃₂₈ *, 3, 1, 0; 2001 SK₃₂₈ *, 3, 1, 0; 2001 SL₃₂₈ *, 3, 1, 0; 2001 SM₃₂₈ *, 3, 1, 0; 2001 SN₃₂₈ *, 3, 1, 0; 2001 SO₃₂₈ *, 3, 1, 0; 2001 SP₃₂₈ *, 3, 1, 0; 2001 SQ₃₂₈ *, 3, 1, 0; 2001 SR₃₂₈ *, 3, 1, 0; 2001 SS₃₂₈ *, 3, 1, 0; 2001 ST₃₂₈ *, 3, 1, 0; 2001 SV₃₂₈ *, 3, 1, 0; 2001 SW₃₂₈ *, 3, 1, 0; 2001 SX₃₂₈ *, 3, 1, 0; 2001 SY₃₂₈ *, 3, 1, 0; 2001 SZ₃₂₈ *, 3, 1, 0; 2001 SA₃₂₉ *, 3, 1, 0; 2001 SB₃₂₉ *, 3, 1, 0; 2001 SC₃₂₉ *, 3, 1, 0; 2001 SD₃₂₉ *, 3, 1, 0; 2001 SE₃₂₉ *, 3, 1, 0; 2001 SF₃₂₉ *, 3, 1, 0; 2001 SG₃₂₉ *, 3, 1, 0; 2001 SH₃₂₉ *, 3, 1, 0; 2001 SJ₃₂₉ *, 3, 1, 0; 2001 SK₃₂₉ *, 3, 1, 0; 2001 SL₃₂₉ *, 3, 1, 0; 2001 SM₃₂₉ *, 3, 1, 0; 2001 SN₃₂₉ *, 3, 1, 0; 2001 SO₃₂₉ *, 3, 1, 0; 2001 SP₃₂₉ *, 3, 1, 0; 2001 SQ₃₂₉ *, 3, 1, 0; 2001 SR₃₂₉ *, 3, 1, 0; 2001 SS₃₂₉ *, 3, 1, 0; 2001 ST₃₂₉ *, 3, 1, 0; 2001 SV₃₂₉ *, 3, 1, 0; 2001 SW₃₂₉ *, 3, 1, 0; 2001 SX₃₂₉ *, 3, 1, 0; 2001 SY₃₂₉ *, 3, 1, 0; 2001 SZ₃₂₉ *, 3, 1, 0; 2001 SA₃₃₀ *, 3, 1, 0; 2001 SB₃₃₀ *, 3, 1, 0; 2001 SC₃₃₀ *, 3, 1, 0; 2001 SD₃₃₀ *, 3, 1, 0; 2001 SE₃₃₀ *, 3, 1, 0; 2001 SF₃₃₀ *, 3, 1, 0; 2001 SG₃₃₀ *, 3, 1, 0; 2001 SH₃₃₀ *, 3, 1, 0; 2001 SJ₃₃₀ *, 3, 1, 0; 2001 SK₃₃₀ *, 3, 1, 0; 2001 SL₃₃₀ *, 3, 1, 0; 2001 SM₃₃₀ *, 3, 1, 0; 2001 SN₃₃₀ *, 3, 1, 0; 2001 SO₃₃₀ *, 3, 1, 0; 2001 SP₃₃₀ *, 3, 1, 0; 2001 SQ₃₃₀ *, 3, 1, 0; 2001 SR₃₃₀ *, 3, 1, 0; 2001 SS₃₃₀ *, 3, 1, 0; 2001 ST₃₃₀ *, 3, 1, 0; 2001 SV₃₃₀ *, 3, 1, 0; 2001 SW₃₃₀ *, 3, 1, 0; 2001 SX₃₃₀ *, 3, 1, 0; 2001 SY₃₃₀ *, 3, 1, 0; 2001 SZ₃₃₀ *, 3, 1, 0; 2001 SA₃₃₁ *, 3, 1, 0; 2001 SB₃₃₁ *, 3, 1, 0; 2001 SC₃₃₁ *, 3, 1, 0; 2001 SD₃₃₁ *, 3, 1, 0; 2001 SE₃₃₁ *, 3, 1, 0; 2001 SF₃₃₁ *, 3, 1, 0; 2001 SG₃₃₁ *, 3, 1, 0; 2001 SH₃₃₁ *, 3, 1, 0; 2001 SJ₃₃₁ *, 3, 1, 0; 2001 SK₃₃₁ *, 3, 1, 0; 2001 SL₃₃₁ *, 3, 1, 0; 2001 SM₃₃₁ *, 3, 1, 0; 2001 SN₃₃₁ *, 3, 1, 0; 2001 SO₃₃₁ *, 3, 1, 0; 2001 SP₃₃₁ *, 3, 1, 0; 2001 SQ₃₃₁ *, 3, 1, 0; 2001 SR₃₃₁ *, 3, 1, 0; 2001 SS₃₃₁ *, 3, 1, 0; 2001 ST₃₃₁ *, 3, 1, 0; 2001 SV₃₃₁ *, 3, 1, 0; 2001 SW₃₃₁ *, 3, 1, 0; 2001 SX₃₃₁ *, 3, 1, 0; 2001 SY₃₃₁ *, 3, 1, 0; 2001 SZ₃₃₁ *, 3, 1, 0; 2001 SA₃₃₂ *, 3, 1, 0; 2001 SB₃₃₂ *, 3, 1, 0; 2001 SC₃₃₂ *, 3, 1, 0; 2001 SD₃₃₂ *, 3, 1, 0; 2001 SE₃₃₂ *, 3, 1, 0; 2001 SF₃₃₂ *, 3, 1, 0; 2001 SG₃₃₂ *, 3, 1, 0; 2001 SH₃₃₂ *, 3, 1, 0; 2001 SJ₃₃₂ *, 3, 1, 0; 2001 SK₃₃₂ *, 3, 1, 0; 2001 SL₃₃₂ *, 3, 1, 0; 2001 SM₃₃₂ *, 3, 1, 0; 2001 SN₃₃₂ *, 3, 1, 0; 2001 SO₃₃₂ *, 3, 1, 0; 2001 SP₃₃₂ *, 3, 1, 0; 2001 SQ₃₃₂ *, 3, 1, 0; 2001 SR₃₃₂ *, 3, 1, 0; 2001 SS₃₃₂ *, 3, 1, 0; 2001 ST₃₃₂ *, 3, 1, 0; 2001 SV₃₃₂ *, 3, 1, 0; 2001 SW₃₃₂ *, 3, 1, 0; 2001 SX₃₃₂ *, 3, 1, 0; 2001 SY₃₃₂ *, 3, 1, 0; 2001 SZ₃₃₂ *, 3, 1, 0; 2001 SA₃₃₃ *, 3, 1, 0; 2001 SB₃₃₃ *, 3, 1, 0; 2001 SC₃₃₃ *, 3, 1, 0; 2001 SD₃₃₃ *, 3, 1, 0; 2001 SE₃₃₃ *, 3, 1, 0; 2001 SF₃₃₃ *, 3, 1, 0; 2001 SG₃₃₃ *, 3, 1, 0; 2001 SH₃₃₃ *, 3, 1, 0; 2001 SJ₃₃₃ *, 3, 1, 0; 2001 SK₃₃₃ *, 3, 1, 0; 2001 SL₃₃₃ *, 3, 1, 0; 2001 SM₃₃₃ *, 3, 1, 0; 2001 SN₃₃₃ *, 3, 1, 0; 2001 SO₃₃₃ *, 3, 1, 0; 2001 SP₃₃₃ *, 3, 1, 0; 2001 SQ₃₃₃ *, 3, 1, 0; 2001 SR₃₃₃ *, 3, 1, 0; 2001 SS₃₃₃ *, 3, 1, 0; 2001 ST₃₃₃ *, 3, 1, 0; 2001 SV₃₃₃ *, 3, 1, 0; 2001 SW₃₃₃ *, 3, 1, 0; 2001 SX₃₃₃ *, 3, 1, 0; 2001 SY₃₃₃ *, 3, 1, 0; 2001 SZ₃₃₃ *, 3, 1, 0; 2001 SA₃₃₄ *, 3, 1, 0; 2001 SB₃₃₄ *, 3, 1, 0; 2001 SC₃₃₄ *, 3, 1, 0; 2001 SD₃₃₄ *, 3, 1, 0; 2001 SE₃₃₄ *, 3, 1, 0; 2001 SF₃₃₄ *, 3, 1, 0; 2001 SG₃₃₄ *, 3, 1, 0; 2001 SH₃₃₄ *, 3, 1, 0; 2001 SJ₃₃₄ *, 3, 1, 0; 2001 SK₃₃₄ *, 3, 1, 0; 2001 SL₃₃₄ *, 3, 1, 0; 2001 SM₃₃₄ *, 3, 1, 0; 2001 SN₃₃₄ *, 3, 1, 0; 2001 SO₃₃₄ *, 3, 1, 0; 2001 SP₃₃₄ *, 3, 1, 0; 2001 SQ₃₃₄ *, 3, 1, 0; 2001 SR₃₃₄ *, 3, 1, 0; 2001 SS₃₃₄ *, 3, 1, 0; 2001 ST₃₃₄ *, 3, 1, 0; 2001 SV₃₃₄ *, 3, 1, 0; 2001 SW₃₃₄ *, 3, 1, 0; 2001 SX₃₃₄ *, 3, 1, 0; 2001 SY₃₃₄ *, 3, 1, 0; 2001 SZ₃₃₄ *, 3, 1, 0; 2001 SA₃₃₅ *, 3, 1, 0; 2001 SB₃₃₅ *, 3, 1, 0; 2001 SC₃₃₅ *, 3, 1, 0; 2001 SD₃₃₅ *, 3, 1, 0; 2001 SE₃₃₅ *, 3, 1, 0; 2001 SF₃₃₅ *, 3, 1, 0; 2001 SG₃₃₅ *, 3, 1, 0; 2001 SH₃₃₅ *, 3, 1, 0; 2001 SJ₃₃₅ *, 3, 1, 0; 2001 SK₃₃₅ *, 3, 1, 0; 2001 SL₃₃₅ *, 3, 1, 0; 2001 SM₃₃₅ *, 3, 1, 0; 2001 SN₃₃₅ *, 3, 1, 0; 2001 SO₃₃₅ *, 3, 1, 0; 2001 SP₃₃₅ *, 3, 1, 0; 2001 SQ₃₃₅ *, 3, 1, 0; 2001 SR₃₃₅ *, 3, 1, 0; 2001 SS₃₃₅ *, 3, 1, 0; 2001 ST₃₃₅ *, 3, 1, 0; 2001 SV₃₃₅ *, 3, 1, 0; 2001 SW₃₃₅ *, 3, 1, 0; 2001 SX₃₃₅ *, 3, 1, 0; 2001 SY₃₃₅

0; (36060), 3, 1, 0; (36188), 3, 1, 0; (37831), 6, 2, 13; (37882), 6, 1, 0; (37919), 3, 1, 0; (38264), 3, 1, 0; (38403), 3, 1, 0; (38575), 3, 1, 0; (39548), 3, 1, 0; (39558), 6, 2, 11; (39584), 3, 1, 0; (39842), 3, 1, 0; (39923), 3, 1, 0; (39936), 3, 1, 0; (39975), 3, 1, 0; (40001), 3, 1, 0; (40038), 3, 1, 0; (40061), 3, 1, 0; (40073), 3, 1, 0; (40126), 3, 1, 0; (40179), 3, 1, 0; (40270), 3, 1, 0; (40322), 3, 1, 0; (40374), 3, 1, 0; (40446), 3, 1, 0; (40457), 3, 1, 0; (40522), 3, 1, 0; (40556), 3, 1, 0; (40593), 3, 1, 0; (40635), 3, 1, 0; (40803), 3, 1, 0; (40825), 3, 1, 0; (40956), 6, 2, 1; (41042), 3, 1, 0; (41231), 3, 1, 0; (41244), 3, 1, 0; (41270), 3, 1, 0; (41288), 6, 2, 6; (41304), 3, 1, 0; (41349), 3, 1, 0; (41360), 6, 1, 0; (41381), 3, 1, 0; (41534), 3, 1, 0; (41556), 3, 1, 0; (41649), 3, 1, 0; (41672), 3, 1, 0; (41760), 3, 1, 0; (41800), 6, 1, 0; (41981), 3, 1, 0; (42077), 3, 1, 0; (42126), 3, 1, 0; (42170), 3, 1, 0; (42242), 3, 1, 0; [2532, 688, 11*, 2001/09/21-2002/06/11]

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, H. Lee

Measurer Y.-B. Jeon

1.8-m $f/8$ reflector + CCD

GSC

1993 FH₅₆, 2, 1, 0; 1999 NY, 2, 1, 0; 2001 SK₂₅, 4, 2, 9; 2002 CB₁₃₄, 2, 1, 0; 2002 CH₁₃₅, 2, 1, 0; 2002 CC₂₂₅, 2, 1, 0; 2002 DJ, 2, 1, 0; 2002 JG₁₁₀, 2, 1, 0; [18, 8, 0*, 2000/12/21-2002/03/18]

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, 0.25-m $f/5.0$ reflector + CCD

GSC-ACT

(433), 5, 1, 0; (1036), 7, 2, 11; [12, 2, 0*, 2002/05/21-2002/06/01]

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

2001 VG₅, 4, 1, 0; 2001 VS₇₈, 4, 1, 0; (1036), 4, 1, 0; (1580), 4, 1, 0; (1922), 4, 1, 0; [20, 5, 0*, 2002/05/21-2002/05/29]

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

1998 VL₁₁, 3, 1, 0; [3, 1, 0*, 2000/01/28]

369 Chichibu

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

[mxf05524@niftyserve.or.jp]

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

GSC

2000 XP₂, 3, 1, 0; [3, 1, 0*, 1995/03/01]

379 Hamamatsu-Yuto

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

[caa54120@pop06.odn.ne.jp]

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

GSC-ACT

1999 HF₁, 9, 2, 6; 1999 KW₄, 2, 1, 0; 2001 VG₅, 8, 2, 6; 2001 VS₇₈, 12, 4, 7; (1036), 19, 3, 6; (1580), 11, 2, 6; [61, 6, 0*, 2002/05/28-2002/06/09]

402 Dynic Astronomical Observatory

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

Observers A. Sugie, Y. Ikari

0.60-m $f/5.0$ reflector + CCD

GSC

2000 SU₂₁₉, 2, 1, 0; [2, 1, 0*, 1993/11/15]

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, G. Garradd, Y. Macias

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

GSC-ACT, UCAC1

{1} 2000 VR₅₁, 3, 1, 0; 2000 YW₁₆, 2, 1, 0; 2001 CD₃₂, 6, 2, 17; 2001 VC₂, 2, 1, 0; 2001 VH₇₅, 2, 1, 0; 2001 WK₁₅, 2, 1, 0; 2002 AF₃, 5, 2, 17; 2002 AP₃, 2, 1, 0; 2002 AT₄, 4, 2, 1; 2002 AT₅, 5, 2, 1; 2002 AO₇, 4, 1, 0; 2002 AW₁₁, 3, 1, 0; 2002 AB₂₉, 2, 1, 0; 2002 BP₂₆, 2, 1, 0; 2002 CY₄₆, 3, 1, 0; 2002 CV₅₉, 3, 1, 0; 2002 DY₃, 2, 1, 0; 2002 DB₄, 6, 2, 18; 2002 EL₆, 2, 1, 0; 2002 EX₆, 5, 2, 17; 2002 EG₇, 2, 1, 0; 2002 FC₂, 2, 1, 0; 2002 FB₃, 3, 1, 0; 2002 GA₂, 2, 1, 0; 2002 GN₅, 4, 1, 0; 2002 GF₈, 7, 2, 17; 2002 GK₈, 6, 2, 1; 2002 GO₁₂₅, 3, 1, 0; 2002 HE₈, 2, 1, 0; 2002 HF₈, 9, 3, 17; 2002 JC₄, 4, 2, 1; 2002 JC₉, 2, 1, 0; 2002 JQ₉, 3, 1, 0; 2002 JM₉₇, 9, 2, 17; 2002 JN₉₇, 3, 1, 0; 2002 JQ₉₇, 4, 2, 17; 2002 JQ₁₀₀, 5, 2, 1; 2002 KH₃, 6, 2, 17; 2002 KJ₃, 12, 4, 18; 2002 KK₃, 10, 2, 1; 2002 KL₃, 10, 3, 17; 2002 KM₃, 5, 1, 0; 2002 KF₄, 4, 1, 0; 2002 KG₄, 7, 3, 16; 2002 KJ₄, 6, 2, 17; 2002 KL₆, 5, 2, 17; 2002 KK₈, 4, 2, 16; 2002 LV₂, 1, 0; 2002 LW₃, 3, 1, 0; 2002 LX₆, 2, 1; 2002 LS₂, 8, 1, 0; 2002 LG₃, 9, 3, 18; 2002 LH₃, 8, 3, 18; 2002 LJ₃, 9, 2, 18; 2002 LS₂₄, 2, 1, 0; 2002 LT₂₄, 3, 1, 0; 2002 LJ₂₇, 3, 1, 0; 2002 LD₃₁, 4, 2, 1; 2002 LS₃₂, 2, 1, 0; 2002 LT₃₈, 3, 1, 0; 2002 LY₄₅, 8, 3, 2; 2002 LZ₄₅, 15, 2, 1; 2002 MC₃, 3, 1, 0; 2002 MN₇, 2, 1; 2002 MY₄, 2, 1; 2002 MP₁, 3, 1, 0; 2002 MR₁, 6, 2, 1; 2002 MS₁, 3, 1, 0; 2002 MT₁, 10, 3, 2; [325, 69, 0*, 1996/03/26-2002/06/23]

{8} 1993 FN₈₃, 1, 1, 0; 1999 JM₁₁₂, 1, 1, 0; 1999 TK₂₂, 1, 1, 0; 1999 UR₂₆, 1, 1, 0; 2000 WL₇₇, 1, 1, 0; 2002 CH₃₀, 1, 1, 0; 2002 CM₁₀₄, 1, 1, 0; 2002 EW₇₃, 1, 1, 0; 2002 EG₇₄, 1, 1, 0; 2002 EG₇₉, 1, 1, 0; 2002 GO₂₅, 1, 1, 0; 2002 GB₇₂, 1, 1, 0; 2002 JS₆₀, 1, 1, 0; 2002 JY₇₁, 1, 1, 0; [14, 14, 0*, 1993/04/16-1993/04/18]

422 Loomberah

G. J. Garradd, P.O. Box 157, Tamworth, NSW 2340, Australia [loomberah@ozemail.com.au]

0.45-m $f/5.4$ reflector + CCD

GSC-ACT, UCAC-1

2002 LW₃, 3, 1, 0; 2002 LX₄, 4, 1, 0; 2002 LY₁, 4, 1, 0; 2002 LG₃, 2, 1, 0; 2002 LJ₃, 3, 1, 0; (305), 9, 1, 0; (326), 9, 1, 0; (532), 9, 1, 0; (1062), 7, 1, 0; (1159), 9, 1, 0; (1484), 9, 1, 0; (2040), 9, 1, 0; (5604), 6, 2, 6; [83, 13, 0*, 2002/06/03-2002/06/10]

423 North Ryde

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

[stephengmca@optusnet.com.au]

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

GSC

2000 SH₂₉₃, 13, 5, 10; 2001 XN₂₅₄, 8, 3, 2; [21, 2, 0*, 2002/05/07-2002/05/22]

428 Reedy Creek

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

[reedycrk@dingoblue.net.au]

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

GSC-ACT

1993 CS₁, 1, 1, 0; 1995 CX₇, 2, 1, 0; 1995 YT₇, 1, 1, 0; 1996 EB₈, 1, 1, 0; 1997 CC₂₁, 2, 1, 0; 1998 HK₉₄, 1, 1, 0; 1998 JH₁, 2, 1, 0; 1998 PO₁, 4, 2, 19; 1998 RL₂₀, 2, 1, 0; 1998 SQ₃₇, 1, 1, 0; 1998 SB₁₁₇, 1, 1, 0; 1999 KW₄, 4, 1, 0; 1999 RC₁₁₈, 1, 1, 0; 1999 RZ₁₂₇, 1, 1, 0; 1999 TA₁₄₅, 1, 1, 0; 1999 VP₆₉, 1, 1, 0; 1999 VE₁₁₁, 1, 1, 0; 1999 VZ₁₈₆, 2, 1, 0; 2000 AS₁₄, 3, 2, 1; 2000 AC₁₉, 1, 1, 0; 2000 AW₃₄, 1, 1, 0; 2000 AU₁₀₃, 2, 1, 0; 2000 AW₁₃₈, 1, 1, 0; 2000 WB₈₉, 2, 1, 0; 2001 BM₉₉, 3, 2, 1; 2001 XN₂₅₄, 2, 1, 0; 2002 GD₁₁, 5, 2, 19; 2002 JQ₉, 4, 2, 1; 2002 JH₇₅, 1, 1, 0; 2002 JE₁₀₀, 4, 2, 1; 2002 KG₄, 7, 2, 1; 2002 KJ₄, 2, 1, 0; 2002 KM₆, 2, 1, 0; 2002 KK₈, 7, 2, 3; 2002 LU₆, 3, 1, 0; 2002 LV₁₄, 4, 2, 1; 2002 LW₁₄, 3, 2, 1; 2002 LX₁₄, 4, 2, 1; 2002 LL₂₄ *, 10, 7, 12; 2002 LK₃₁ *, 8, 6, 11; 2002 LL₃₁ *, 6, 4, 8; 2002 LZ₄₅, 4, 1, 0; 2002 LB₄₇ *, 11, 6, 10; 2002 MN, 3, 1, 0; 2002 MR *, 4, 2, 1; 2002 MS *, 3, 2, 1; (596), 2, 1, 0; (1010), 2, 1, 0; (1155), 2, 1, 0; (1373), 3, 1, 0; (1580), 7, 2, 19; (1685), 5, 2, 20; (1943), 2, 1, 0; (1988), 2, 1, 0; (2101), 2, 1, 0; (2479), 5, 3, 3; (2726), 1, 1, 0; (3191), 2, 1, 0; (4072), 4, 2, 3; (4371), 3, 2, 3; (4628), 2, 1, 0; (5539), 2, 1, 0; (5604), 3, 1, 0; (5814), 3, 2, 5; (6455), 9, 3, 17; (7399), 1, 1, 0; (7423), 2, 1, 0; (7426), 2, 1, 0; (8287), 1, 1, 0; (8395), 1, 1, 0; (8470), 2, 1, 0; (8530), 2, 1, 0; (8782), 1, 1, 0; (9381), 1, 1, 0; (9462), 3, 1, 0; (11491), 1, 1, 0; (12842), 2, 1, 0; (13647), 1, 1, 0; (13698), 1, 1, 0; (14279), 1, 1, 0; (16554), 2, 1, 0; (19202), 2, 1, 0; (19211), 2, 1, 0; (19921), 1, 1, 0; (20725), 2, 1, 0; (21396), 2, 1, 0; (22353), 1, 1, 0; (22402), 1, 1, 0; (22592), 1, 1, 0; (22691), 1, 1, 0; (22754), 1, 1, 0; (23090), 1, 1, 0; (23952), 1, 1, 0; (25635), 2, 1, 0; (40246), 2, 1, 0; [244, 95, 6*, 2002/05/20-2002/06/21]

434 S. Benedetto Po

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

Observers M. Esornati, A. Righelli

Measurer M. Esornati

0.18-m $f/9$ refractor + CCD

GSC

(1036), 2, 1, 0; (1580), 3, 1, 0; [5, 2, 0*, 2002/05/24-2002/06/10]

446 Kingsnake Observatory

J. V. McClusky, 8370 Alternate 90, Seguin, TX 78155, U.S.A.

[jmccclusky@tlu.edu]

0.45-m Newtonian + CCD

USNO-SA2.0

2000 GG₂, 2, 1, 0; 2002 FP₁₆, 6, 2, 3; 2002 GA₅₄, 4, 2, 2; 2002 GL₆₈, 2, 1, 0; 2002 GQ₁₀₄, 5, 2, 3; 2002 JP₇₃, 5, 2, 1; 2002 JR₇₃, 4, 2, 1; 2002 JS₁₁₆, 3, 2, 3; 2002 JE₁₄₄, 3, 1, 0; 2002 KU₇, 2, 1, 0; 2002 KV₁₄ *, 4, 2, 1; 2002 LV₃₂, 6, 2, 2; 2002 LW₃₂, 4, 2, 2; 2002 LC₄₇ *, 5, 2, 1; 2002 LD₄₇ *, 5, 2, 1; 2002 LF₄₇ *, 5, 2, 1; 2002 LG₄₇ *, 5, 2, 1; 2002 LH₄₇ *, 4, 2, 1; (1276), 6, 2, 2; (2449), 2, 1, 0; (4142), 5, 2, 1; (4713), 2, 1, 0; (5632), 2, 1, 0; (7318), 2, 1, 0; (7996), 3, 1, 0; (19745), 3, 2, 1; (32890), 3, 1, 0; [102, 27, 6*, 2002/05/16-2002/06/16]

448 Desert Moon Observatory, Las Cruces

B. Stevens, 5675 Real del Norte, Las Cruces, NM 88012, U.S.A.

[bstevens@zianet.com]

0.30-m $f/6.3$ Schmidt-Cassegrain

USNO-A2.0

1998 BM₁₀, 3, 1, 0; 1999 VH₂₂, 3, 1, 0; 1999 VB₁₀₃, 3, 1, 0; 2000 YG₂₈, 3, 1, 0; 2002 FB₃, 3, 1, 0; 2002 GF₈, 6, 2, 2; 2002 HK₁₂, 3, 1, 0; 2002 JE₄₇, 3, 1, 0; 2002 JY₁₀₈, 4, 1, 0; 2002 KK₃, 3, 1, 0; 2002 KM₃, 3, 1, 0; 2002 KF₄, 7, 2, 1; 2002 KL₆, 3, 1, 0; 2002 KJ₈, 3, 1, 0; 2002 KK₈, 3, 1, 0; 2002 LJ₃, 3, 1, 0; 2002 LL₃, 3, 1, 0; 2002 LM₃, 3, 1, 0; 2002 LV₉, 3, 18; 2002 LW₆, 6, 2, 7; 2002 LG₃, 3, 1, 0; 2002 LH₃, 7, 2, 2; 2002 LB₆, 3, 1, 0; 2002 LU₆, 3, 1, 0; 2002 LV₆, 3, 1, 0; 2002 LE₂₇, 3, 1, 0; 2002 LJ₂₇, 3, 1, 0; 2002 LE₃₁, 6, 2, 4; 2002 LS₃₂, 3, 1, 0; 2002 LD₃₅, 4, 1, 0; 2002 LT₃₈, 3, 1, 0; 2002 LC₅₈, 3, 1, 0; 2002 ME₃, 3, 1, 0; 2002 MQ₃, 3, 1, 0; 2002 MY₄, 4, 1, 0; (3352), 4, 1, 0; (40430), 3, 1, 0; [138, 37, 0*, 2002/05/22-2002/06/20]

450 Carla Jane Observatory, Charlotte

R. Covington, 5229 Mintridge Rd, Charlotte, NC 28227, U.S.A.

[danethed@bellsouth.net]

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

USNO-SA2.0

(1036), 6, 2, 4; (1922), 6, 2, 4; (41244), 6, 2, 8; [18, 3, 0*, 2002/05/28-2002/06/09]

452 Big Cypress Observatory

L. Nemec, 4010 Galt Ocean Drive, # 1507, Fort Lauderdale, FL 33308, U.S.A.

[nemec11@bellsouth.net]

0.25-m Schmidt-Cassegrain + CCD

USNO-A2.0

2002 JR₉, 3, 1, 0; 2002 JM₉₇, 3, 1, 0; 2002 KH₃, 2, 1, 0; (5381), 3, 1, 0; [11, 4, 0*, 2002/06/10]

460 Area 52 Observatory, Nashville

R. Clingan, 305 Anglewood Dr., Nashville, AR 71852, U.S.A.

[bigeye@cswnet.com]

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

GSC-1.1

1998 BO₇, 2, 1, 0; 2001 RO₁₅₃ *, 2, 1, 0; (18747), 2, 1, 0; [6, 3, 1*, 2001/09/13-2002/06/08]

461 Szeged University, Piskéztető Stn. (Konkoly)

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

Observers K. Sárneczky, Z. Bebesi

Measurer K. Sárneczky

0.60-m Schmidt + CCD

USNO-A2.0

2002 CT₂₉₇, 3, 1, 0; 2002 FJ₁₅, 2, 1, 0; 2002 GW₁₈, 6, 1, 0; [11, 3, 0*, 1999/09/29-2002/03/05]

468 Astronomical Observatory, Campo Catino

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

Observers F. Mallia, G. Masi

0.25-m $f/3$ reflector + CCD

GSC, USNO-SA1.0

1999 KW₄, 5, 1, 0; [5, 1, 0*, 2002/06/22]

474 Mount John

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

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

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

Measurer A. C. Gilmore

0.6-m $f/6.4$ reflector + CCD

USNO-A2.0

1998 FF₂, 3, 1, 0; 1999 FB, 3, 1, 0; 1999 KW₄, 3, 1, 0; 1999 TA₉₃, 3, 1, 0; 1999 VM₄₀, 4, 1, 0; 2000 GP₈₂, 3, 1, 0; 2000 GR₁₄₆, 3, 1, 0; 2001 XP₁, 3, 1, 0; 2002 GF₈, 4, 1, 0; 2002 HK₁₂, 3, 1, 0; 2002 JQ₉, 3, 1, 0; 2002 JM₉₇, 3, 1, 0; 2002 KJ₃, 3, 1, 0; 2002 KG₄, 6, 1, 0; 2002 KL₆, 4, 1, 0; 2002 KJ₉, 4, 1, 0; 2002 LK, 4, 1, 0; 2002 LW, 6, 1, 0; 2002 LX, 3, 1, 0; 2002 LH₃, 2, 1, 0; 2002 LB₆, 4, 1, 0; 2002 LV₆, 3, 1, 0; 2002 LC₂₄, 7, 1, 0; 2002 LR₂₄, 3, 1, 0; 2002 LS₂₄, 3, 1, 0; 2002 LY₄₅, 3, 1, 0; 2002 LZ₄₅, 9, 1, 0; (2101), 4, 1, 0; (3352), 3, 1, 0; (3752), 3, 1, 0; (5604), 3, 1, 0; (7480), 3, 1, 0; [118, 32, 0*, 2002/05/29-2002/06/21]

493 Calar Alto

M. Busch, Niemoellerstr. 9, D-64646 Heppenheim, Germany [matthias.busch@t-online.de]

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

Observers K. Sárneczky, Gy. Szabó, K. Sziládi, DANEOPS Team (M. Busch,

F. Hormuth, R. Kresken)

Measurers K. Sárneczky, Gy. Szabó, A.Gnädig, A. Doppler

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

USNO-A2.0 USNO-SA2.0

2001 PV₆₄ *, 5, 2, 4; [5, 1, 1*, 2001/08/11-2001/08/15]

536 Berlin-Babelsberg

B. Thinius, Moosgloeckchenweg 8, D-14478 Potsdam, Germany

[bernd@thinius.net]

0.70-m $f/10.5$ Cassegrain + CCD

USNO-A2.0

(20452), 4, 1, 0; [4, 1, 0*, 2002/04/01]

540 Linz

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

[erich.meyer@ooenet.at]

Observers E. Meyer, E. Obermair

Measurer E. Meyer

0.60-m $f/3.3$ reflector + CCD

USNO-SA2.0, USNO-A2.0

1999 KW₄, 5, 1, 0; 2002 CW₅₉, 3, 1, 0; 2002 JC, 3, 1, 0; 2002 JA₉, 3, 1, 0; 2002 JD₁₀₉, 3, 1, 0; 2002 KF₄, 3, 1, 0; 2002 LJ, 2, 1, 0; 2002 LR₂₄, 22, 5, 4; [44, 8, 0*, 2002/05/30-2002/06/14]**552 San Vittore**

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

[ermes.colombini@tin.it]

Observers G. Sassi, E. Colombini

0.45-m $f/3.3$ reflector + CCD

GSC

2002 GZ₅₂, 2, 1, 0; [2, 1, 0*, 1998/02/18]**557 Ondřejov**

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

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

0.65-m $f/3.6$ reflector + CCD

USNO-SA2.0, USNO-A2.0

1991 PU₉, 4, 1, 0; 1995 UG₆₆, 3, 1, 0; 1998 RS₄₆, 3, 1, 0; 1999 CX₃, 4, 1, 0; 1999 HF₁, 9, 2, 5; 1999 RU₃₁, 1, 1, 0; 1999 RV₁₃₂, 4, 1, 0; 1999 TN₁₁, 8, 1, 0; 1999 TY₂₂₄, 3, 1, 0; 1999 UQ₂, 2, 1, 0; 1999 UR₄, 2, 1, 0; 1999 WE₂, 2, 1, 0; 2000 UX₁₀, 4, 1, 0; 2000 YU₂₉, 2, 1, 0; 2001 CB₃₇, 3, 1, 0; 2001 DP₈₆, 2, 1, 0; 2001 VF₇₆, 3, 1, 0; 2001 VS₇₈, 27, 6, 26; 2002 AC₁₂₈, 2, 1, 0; 2002 JB₉, 27, 3, 3; 2002 JR₉, 24, 4, 5; 2002 JG₂₈, 1, 1, 0; 2002 JY₁₀₈, 3, 1, 0; 2002 KF₄, 3, 1, 0; 2002 KG₄, 11, 1, 0; 2002 KH₄, 3, 1, 0; 2002 KJ₄, 6, 1, 0; 2002 KK₈, 12, 1, 0; 2002 KU₈, 2, 1, 0; 2002 LJ, 7, 1, 0; 2002 LK, 7, 1, 0; 2002 LL, 3, 1, 0; 2002 LM, 3, 1, 0; 2002 LV, 4, 1, 0; 2002 LW, 7, 1, 0; 2002 LY₁, 3, 1, 0; 2002 LL₇, 2, 1, 0; 2002 LT₂₄, 3, 1, 0; 2002 LJ₂₇, 2, 1, 0; 2002 LT₃₈, 4, 1, 0; 2002 LY₄₅, 6, 1, 0; 2002 LZ₄₅, 4, 1, 0; 2002 LC₅₈, 2, 1, 0; 2002 MC₄, 4, 1, 0; 2002 ME, 3, 1, 0; 2002 MY, 5, 1, 0; 1192 T-2, 3, 1, 0; (868), 3, 1, 0; (4720), 3, 1, 0; (12491), 3, 1, 0; (20959), 2, 1, 0; [263, 51, 0*, 1997/10/19-2002/06/18]**561 Piszkestető Stn. (Konkoly)**

J. Kelemen, Konkoly Observatory, P.O. Box 67, H-1525 Budapest, Hungary

[kelemen@ogyalla.konkoly.hu]

0.60-m Schmidt telescope + CCD

USNO-A2.0

2001 BA₈₂ *, 3, 1, 0; 2001 TA₂₁₃, 3, 1, 0; 2002 GC₄₀, 3, 1, 0; 2002 GF₄₂, 8, 1, 0; [17, 4, 1*, 1998/01/07-2001/10/18]**566 Haleakala-NEAT/GEODSS**

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

[efh@ipl.jpl.nasa.gov]

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 + CCD1994 AE₁₀, 3, 1, 0; 1997 EK₅₆, 3, 1, 0; 1997 LL₁₁, 3, 1, 0; 1997 WN₂₃, 3, 1, 0; 1998 DW₁₉, 3, 1, 0; 1998 EF₂₀, 3, 1, 0; 1998 FD₁₃₃, 3, 1, 0; 1998 MP₁₈, 3, 1, 0; 1998 QX₇₉, 3, 1, 0; 1998 SU₁₁₁, 3, 1, 0; 1999 CU₁₁₈, 3, 1, 0; 1999 LP₉, 3, 1, 0; 1999 NH₃₉, 3, 1, 0; 1999 XU₁₀₃, 3, 1, 0; 1999 XD₂₁₅, 3, 1, 0; 1999 XN₂₃₀, 3, 1, 0; 2000 AB₁₆₈, 3, 1, 0; 2000 EJ₁₁₉, 3, 1, 0; 2000 PY₂₄, 3, 1, 0; 2000 QA₁₀₆, 3, 1, 0; 2000 QR₁₂₃, 3, 1, 0; 2000 RX₂₂, 3, 1, 0; 2000 RL₄₇, 3, 1, 0; 2000 SP₇₇, 3, 1, 0; 2000 SJ₁₁₈, 3, 1, 0; 2000 SQ₁₁₉, 3, 1, 0; 2000 SB₃₀₀, 3, 1, 0; 2000 UG₆₇, 3, 1, 0; 2000 WX₈, 3, 1, 0; 2000 WG₁₆, 3, 1, 0; 2000 WA₁₁₃, 3, 1, 0; 2000 WE₁₅₄, 3, 1, 0; 2000 XV₂₅, 6, 2, 25; 2000 XG₄₉, 3, 1, 0; 2000 YR₃₂, 3, 1, 0; 2000 YO₃₆, 3, 1, 0; 2000 YY₈₅, 3, 1, 0; 2000 YK₁₂₉, 3, 1, 0; 2001 CD₃, 3, 1, 0; 2001 CP₄₈, 3, 1, 0; 2001 QU₁₀₀, 3, 1, 0; 2001 RU₁₄₆, 3, 1, 0; 2001 VN₁₂, 3, 1, 0; 2002 AL₃₀, 3, 1, 0; 2002 AA₈₇, 3, 1, 0; 2002 CR₅₂, 3, 1, 0; 2002 CT₅₅, 3, 1, 0; 2002 CZ₅₅, 3, 1, 0; 2002 CR₆₀, 3, 1, 0; 2002 CW₈₇, 6, 1, 0; 2002 CD₉₈, 3, 1, 0; 2002 CL₁₁₂, 3, 1, 0; 2002 CR₁₁₃, 3, 1, 0; 2002 CH₁₁₄, 3, 1, 0; 2002 CK₁₁₇, 3, 1, 0; 2002 CU₂₃₇, 3, 1, 0; 2002 CD₂₄₀, 3, 1, 0; 2002 CQ₂₄₄, 3, 1, 0; 2002 EO₁₂, 3, 1, 0; 2002 EV₆₉, 3, 1, 0; 2002 EU₇₄, 3, 1, 0; 2002 EJ₉₂, 3, 1, 0; 2002 FZ₉, 3, 1, 0; 2002 FZ₂₀, 3, 1, 0; 2002 FP₂₈, 3, 1, 0; 2002 FL₃₄, 3, 1, 0; 2002 GW₈, 3, 1, 0; 2002 GL₁₂, 3, 1, 0; 2002 GP₁₉, 3, 1, 0; 2002 GC₂₁, 3, 1, 0; 2002 GT₃₇, 3, 1, 0; 2002 GO₄₈, 3, 1, 0; 2002 GZ₅₂, 3, 1, 0; 2002 GM₅₅, 3, 1, 0; 2002 GD₆₈, 3, 1, 0; 2002 GD₇₅, 3, 1, 0; 2002 GC₈₃, 3, 1, 0; 2002 GP₁₀₂, 3, 1, 0; 2002 GK₁₀₅, 3, 1, 0; 2002 GL₁₀₉, 3, 1, 0; 2002 GK₁₁₃, 3, 1, 0; 2002 GS₁₁₈, 3, 1, 0; 2002 GT₁₅₅, 3, 1, 0; 2002 HJ₄, 3, 1, 0; 2002 HM₁₅, 3, 1, 0; 2002 JH, 3, 1, 0; 2002 JU, 3, 1, 0; 2002 JM₇, 3, 1, 0; 2002 JK₁₄, 3, 1, 0; 2002 JL₁₄, 3, 1, 0; 2002 JL₁₆, 3, 1, 0; 2002 JB₂₁, 3, 1, 0; 2002 JD₂₁, 3, 1, 0; 2002 JC₂₂, 3, 1, 0; 2002 JW₂₅, 3, 1, 0; 2002 JS₄₀, 3, 1, 0; 2002 JS₄₃, 3, 1, 0; 2002 JG₅₂, 3, 1, 0; 2002 JQ₆₃, 3, 1, 0; 2002 JB₆₄, 6, 2, 30; 2002 JX₆₆, 3, 1, 0; 2002 JD₇₄, 3, 1, 0; 2002 JS₇₈, 3, 1, 0; 2002 JK₁₀₆, 3, 1, 0; 2002 JA₁₀₉, 3, 1, 0; 2002 JR₁₁₄, 3, 1, 0; 2002 JJ₁₁₅, 3, 1, 0; 2002 JH₁₁₆, 3, 1, 0; 2002 JD₁₄₁, 3, 1, 0; 2002 KX₆, 3, 1, 0; 2002 LM₈, 3, 1, 0; [342, 111, 0*, 1995/12/19-1998/08/19]**568 Mauna Kea**

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

U.S.A. [jewitt@galileo.ifa.hawaii.edu] (1)

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

U.S.A. [tholen@hale.ifa.hawaii.edu] (2)

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

K. J. Meech, Institute for Astronomy, 2680 Woodlawn Drive, Honolulu, HI 96822,

U.S.A. [meech@nihoa.ifa.hawaii.edu] (7)

Observers D. Jewitt, S. Sheppard, D. J. Tholen, C. Veillet, J. Pittichova, S. Ash, K. Meech

Measurers S. Sheppard, D. J. Tholen, C. Veillet, K. Meech, M. Buie

3.6-m Canada-France-Hawaii Telescope + CCD, 2.24-m reflector + CCD, 8.2-m Subaru telescope + CCD

USNO-A2.0

{1} 2002 GO₉, 2, 1, 0; 2002 GB₁₀, 2, 1, 0; 2002 GZ₃₂, 2, 1, 0; [6, 3, 0*, 2002/06/01]{2} 2002 GG₁₂₁, 3, 1, 0; 2002 JS₄₈, 3, 1, 0; 2002 KV₁₀, 3, 1, 0; [9, 3, 0*, 1999/11/17-2000/01/02]{3} 2002 GZ₁₄₅, 4, 1, 0; [4, 1, 0*, 1997/05/11]{7} 2001 FZ₁₇₃, 2, 1, 0; 2001 KK₇₆, 2, 1, 0; 2002 EH₆₈, 2, 1, 0; 2002 FY₃₆, 2, 1, 0; 2002 GW₃₁, 2, 1, 0; 2002 GB₃₂, 2, 1, 0; 2002 GL₃₂, 2, 1, 0; 2002 GG₁₆₆, 2, 1, 0; 2002 GH₁₆₆, 2, 1, 0; 2002 GJ₁₆₆, 2, 1, 0; (19627), 2, 1, 0; (41678), 2, 1, 0; [24, 12, 0*, 2002/04/11-2002/05/08]**587 Sormano**

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

[sormano@tin.it]

Observers F. Manca, A. Testa, M. Cavagna

Measurer F. Manca

0.5-m reflector + CCD

USNO-A2.0

2002 JC, 3, 1, 0; 2002 JY₈, 3, 1, 0; 2002 JB₉, 3, 1, 0; 2002 JR₉, 5, 1, 0; 2002 JV₁₅, 4, 1, 0; 2002 KK₈, 4, 1, 0; 2002 LV, 3, 1, 0; 2002 LY₄₅, 3, 1, 0; 2002 LZ₄₅, 3, 1, 0; [31, 9, 0*, 2002/05/30-2002/06/14]

(26577), 3, 1, 0; (26660), 6, 2, 10; (26666), 3, 1, 0; (26668), 3, 1, 0; (26697), 3, 1, 0; (26706), 3, 1, 0; (26752), 3, 1, 0; (26784), 3, 1, 0; (26906), 3, 1, 0; (27005), 3, 1, 0; (27006), 6, 2, 8; (27011), 3, 1, 0; (27240), 3, 1, 0; (27606), 3, 1, 0; (27938), 3, 1, 0; (28052), 3, 1, 0; (28080), 3, 1, 0; (28086), 3, 1, 0; (28134), 3, 1, 0; (28403), 6, 2, 17; (28419), 3, 1, 0; (28433), 6, 2, 11; (28464), 3, 1, 0; (28523), 3, 1, 0; (28964), 6, 2, 8; (29983), 3, 1, 0; (30513), 3, 1, 0; (31173), 3, 1, 0; (31669), 3, 1, 0; (31830), 3, 1, 0; (31864), 3, 1, 0; (32784), 3, 1, 0; (32989), 3, 1, 0; (33017), 3, 1, 0; (33087), 3, 1, 0; (33185), 3, 1, 0; (33265), 3, 1, 0; (33274), 3, 1, 0; (33303), 6, 2, 17; (33323), 3, 1, 0; (33599), 3, 1, 0; (33630), 3, 1, 0; (33634), 3, 1, 0; (33785), 3, 1, 0; (33798), 3, 1, 0; (33801), 3, 1, 0; (33809), 3, 1, 0; (33812), 3, 1, 0; (34286), 3, 1, 0; (34386), 3, 1, 0; (34505), 3, 1, 0; (34566), 3, 1, 0; (34575), 3, 1, 0; (34647), 3, 1, 0; (35063), 3, 1, 0; (35067), 6, 2, 15; 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609 Osservatorio Polino

G. Iatterri, Via Val Serra 45h, Terni, Italy

Observer G. Iatterri

Measurer V. S. Casulli

0.40-m $f/2.9$ reflector + CCD

GSC

(41206), 2, 1, 0; [2, 1, 0*, 2002/05/18]

611 Starckenburg Sternwarte, Heppenheim

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

Observers M. Busch, F. Hormuth, S. Kluegl, B. Kattentidt, L. Kurtze, H. Zekl

Measurers M. Busch, F. Hormuth, H. Zekl

0.45-m $f/4.4$ reflector + CCD

USNO-SA2.0, GSC-ACT

2002 AL₁₄, 3, 1, 0; 2002 EL₆, 3, 1, 0; 2002 GD₁₁, 10, 4, 27; 2002 HU₁₁, 12, 4, 28; 2002 JY₈, 3, 1, 0; 2002 JB₉, 8, 3, 27; 2002 JR₉, 11, 4, 28; 2002 JV₁₅, 3, 1, 0; 2002 JQ₉₇, 3, 1, 0; 2002 JS₁₀₀, 3, 1, 0; 2002 KH₃, 3, 1, 0; 2002 KL₃, 3, 1, 0; 2002 KH₄, 3, 1, 0; 2002 KJ₄, 3, 1, 0; 2002 KL₆, 6, 2, 17; 2002 LJ₄, 1, 0; 2002 LV₆, 6, 2, 1; 2002 LB₆, 6, 2, 1; 2002 LT₂₄, 5, 2, 1; 2002 LS₃₂, 6, 2, 1; 2002 LY₄₅, 3, 1, 0; 2002 LZ₄₅, 2, 1, 0; 2002 LC₅₈, 2, 1, 0; 2002 MC₃, 3, 1, 0; 2002 ME₃, 3, 1, 0; (3553), 2, 1, 0; (5381), 3, 1, 0; (21722), 3, 1, 0; (35107), 2, 1, 0; (38071), 2, 1, 0; [129, 30, 0*, 2002/05/20-2002/06/18]

620 Observatorio Astronómico de Mallorca

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

Observers S. Sanchez, M. Blasco

0.40-m $f/2.0$ Schmidt + CCD

USNO-SA2.0

2002 KG₄, 7, 2, 1; 2002 LJ₃, 3, 1, 0; 2002 LB₆, 2, 1, 0; 2002 LV₆, 3, 1, 0; 2002 LT₂₄, 3, 1, 0; 2002 LD₃₁, 2, 1, 0; 2002 LS₃₂, 3, 1, 0; 2002 MS₁, 2, 1, 0; [25, 8, 0*, 2002/05/23-2002/06/23]

645 Apache Point–Sloan Digital Sky Survey

Z. Ivezić, Department of Astrophysical Sciences, Peyton Hall, Princeton University, Princeton, NJ 08544, U.S.A. [ivezic@astro.princeton.edu]

Observers Sloan Digital Sky Survey Collaboration

Measurers Z. Ivezić, M. Jurić, R. Lupton

2.5-m SDSS Telescope + SDSS camera

UCAC-1

1998 RY₄₁, 2, 1, 0; 1998 SQ₃₄, 2, 1, 0; 1998 SR₁₀₅, 2, 1, 0; 1998 UX₄₈, 2, 1, 0; 2001 KY₄, 2, 1, 0; 2001 OT₇₅, 2, 1, 0; 2002 GM₄₂, 2, 1, 0; 2002 GC₁₂₂, 2, 1, 0; 2002 GS₁₄₃, 2, 1, 0; 2002 GB₁₅₄, 2, 1, 0; 2002 JP₇₂, 2, 1, 0; 2002 JF₈₁, 2, 1, 0; 2002 JG₈₃, 2, 1, 0; 2002 JJ₁₂₇, 2, 1, 0; [28, 14, 0*, 1998/09/19]

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Observers K. Smalley, R. Trentman, R. Fredrick, S. Granger

Measurers K. Smalley, R. Trentman, R. Fredrick

0.75-m Newtonian + CCD

USNO-A2.0 USNO-SA2.0

1999 JA₁₁, 6, 2, 1; 2000 DJ₈, 3, 1, 0; 2001 AH₃₈, 5, 1, 0; 2001 DD₇₆, 3, 1, 0; 2001 HY₇, 6, 2, 5; 2001 LC₅, 2, 2; 2001 SD₃₂₉, 3, 1, 0; 2001 SX₃₃₅ *, 3, 1, 0; 2001 SQ₃₃₈ *, 3, 1, 0; 2001 TU₂₃₇, 3, 1, 0; 2001 UX₂₁₇, 2, 1, 0; 2001 UY₂₁₇, 3, 1, 0; 2001 UM₂₁₈, 3, 1, 0; 2001 YY₁₄₆ *, 3, 1, 0; 2002 AU₁₂₆, 3, 1, 0; 2002 AZ₁₆₈, 3, 1, 0; 2002 CU₁₁, 3, 1, 0; 2002 EQ₉, 2, 1, 0; 2002 FC₂, 2, 1, 0; 2002 FB₆, 3, 1, 0; 2002 GA₂, 1, 0; 2002 GF₁, 3, 1, 0; 2002 GO₅, 3, 1, 0; 2002 GU₇₇, 3, 1, 0; 2002 GJ₁₀₇, 3, 1, 0; 2002 GK₁₀₉, 3, 1, 0; 2002 GC₁₃₉, 3, 1, 0; 2002 HT₂, 5, 1, 0; 2002 HQ₁₁, 4, 1, 0; 2002 JS₂, 6, 2, 5; 2002 JY₈, 12, 4, 34; 2002 JZ₈, 3, 1, 0; 2002 JB₉, 3, 1, 0; 2002 JR₉, 3, 1, 0; 2002 JV₁₅, 6, 2, 13; 2002 JN₉₇, 3, 1, 0; 2002 JQ₉₇, 3, 1, 0; 2002 JD₁₀₉, 21, 7, 32; 2002 JY₁₄₁, 3, 1, 0; 2002 KD₂, 8, 2, 1; 2002 KH₃, 6, 2, 8; 2002 KK₃, 9, 3, 27; 2002 KM₃, 5, 2, 16; 2002 KF₄, 3, 1, 0; 2002 KH₄, 11, 4, 27; 2002 KJ₄, 6, 2, 3; 2002 KL₆, 9, 3, 21; 2002 KM₆, 3, 1, 0; 2002 KJ₈, 9, 3, 11; 2002 KK₈, 6, 2, 7; 2002 KV₁₃, 3, 1, 0; 2002 LJ₆, 2, 16; 2002 LK₃, 3, 1, 0; 2002 LV₈, 8, 3, 20; 2002 LW₆, 2, 6; 2002 LX₇, 2, 13; 2002 LY₁, 12, 4, 11; 2002 LG₃, 9, 3, 3; 2002 LH₃, 8, 3, 8; 2002 LJ₃, 8, 3, 3; 2002 LA₆, 3, 1, 0; 2002 LB₆, 5, 2, 16; 2002 LV₆, 2, 1, 0; 2002 LR₂₄, 3, 1, 0; 2002 LT₂₄, 10, 3, 10; 2002 LJ₂₇, 3, 1, 0; 2002 LD₃₁, 3, 1, 0; 2002 LE₃₁, 9, 3, 8; 2002 LS₃₂, 9, 3, 13; 2002 LD₃₅, 3, 1, 0; 2002 LY₄₅, 12, 4, 7; 2002 LZ₄₅, 18, 6, 9; 2002 LC₅₈, 9, 3, 3; 2002 MC₉, 3, 7; 2002 MN₃, 3, 1, 0; 2002 MQ₃, 3, 1, 0; 2002 MY₃, 3, 1, 0; 2002 MQ₁, 3, 1, 0; (20403), 5, 1, 0; (23187), 4, 2, 2; (35198), 3, 1, 0; [426, 81, 3*, 2001/09/20–2002/06/24]

658 National Research Council of Canada

D. D. Balam, Dept. of Physics, University of Victoria, P.O. Box 3055, Victoria, BC V8W 3P6, Canada [balam@beluga.phys.uvic.ca]

Observers J. Clem, G. B. Poole, J. Stoesz, M. Milne

Measurer D. D. Balam

1.82-m Plaskett telescope + CCD

USNO-A2.0

2002 JY₁₀₈, 3, 1, 0; 2002 KF₄, 3, 1, 0; 2002 KG₄, 8, 2, 1; 2002 KH₄, 3, 1, 0; 2002 KJ₄, 3, 1, 0; 2002 LK₄, 4, 1, 0; 2002 MR₁, 3, 1, 0; 2002 MT₁, 3, 1, 0; [30, 8, 0*, 2002/05/23–2002/06/22]

662 Lick

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

Observers E. Chiang, A. B. Jordan, M. W. Buie

Measurer M. W. Buie

3-m telescope + CCD

USNO-A2.0, global solutions

2002 GR₁₀, 8, 3, 2; (9552), 8, 3, 2; [16, 2, 0*, 2002/05/15–2002/05/17]

670 Camarillo

J. E. Rogers, 441 Rowland Avenue, Camarillo, CA 93010, U.S.A. [72401.3174@CompuServe.com]

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

USNO-A2.0

2001 WK₁₅, 3, 1, 0; 2002 HU₁₁, 2, 1, 0; 2002 HK₁₂, 2, 1, 0; 2002 JY₈, 2, 1, 0; 2002 JB₉, 3, 1, 0; 2002 JV₁₅, 3, 1, 0; 2002 JM₉₇, 2, 1, 0; 2002 JQ₉₇, 3, 1, 0; 2002 KH₃, 4, 2, 18; 2002 KG₄, 10, 2, 1; 2002 KH₄, 7, 3, 6; 2002 KJ₄, 8, 3, 6; 2002 KL₆, 4, 2, 12; 2002 KK₈, 4, 1, 0; 2002 LJ₆, 2, 1; 2002 LV₈, 3, 1, 0; 2002 LH₃, 2, 1, 0; 2002 LB₆, 2, 1, 0; 2002 LT₂₄, 4, 1, 0; 2002 LS₃₂, 2, 1, 0; (3553), 1, 1, 0; (5381), 3, 1, 0; [80, 22, 0*, 2002/05/23–2002/06/11]

672 Mount Wilson

B. Duff, 1775 Chelsea Road, San Marino, CA 91108, U.S.A.

[bduff1@pacbell.net]

Observers B. Duff, J. Thorp

0.61-m $f/3.5$ reflector + CCD

2002 JE₁₁₆ *, 6, 2, 2; [6, 1, 1*, 2002/05/15–2002/05/17]

673 Table Mountain Observatory

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

Tycho-2

{1} (6), 5, 2, 1; (25), 3, 1, 0; (83), 3, 1, 0; (102), 6, 2, 1; (110), 6, 2, 1; (114), 3, 1, 0; (145), 2, 1, 0; (185), 3, 1, 0; (216), 4, 1, 0; (329), 2, 1, 0; (466), 5, 2, 1; (487), 2, 1, 0; (521), 5, 2, 1; (532), 2, 1, 0; (584), 6, 2, 1; (589), 2, 1, 0; (618), 5, 2, 1; (634), 5, 2, 1; (640), 5, 2, 1; (657), 3, 1, 0; (747), 6, 2, 1; (790), 3, 1, 0; (1262), 3, 1, 0; (1264), 5, 2, 1; (2557), 2, 1, 0; [96, 25, 0*, 2002/06/04–2002/06/05]

{4} 2002 LV₆, 3, 1, 0; [3, 1, 0*, 2002/06/08]

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)

C. J. van Houten, Sterrewacht Leiden, Postbus 9513, NL-2300 RA Leiden, The Netherlands [vanhouten@ruhl1.leidenuniv.nl] (4)

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

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

9 = 6 + 3

Observers C. A. Trujillo, M. E. Brown, E. F. Helin, S. Pravdo, K. J. Lawrence, M. Hicks, C. S. Shoemaker, E. M. Shoemaker, T. Gehrels

Measurers C. A. Trujillo, C. J. van Houten, I. van Houten-Groeneveld, A. Wisse, B. A. Skiff

0.46-m Schmidt, 1.2-m Schmidt, 1.5-m reflector + CCD

{2} 2000 VP₅₅, 2, 1, 0; [2, 1, 0*, 1993/10/20]

{4} 1993 PU₄, 3, 2, 1; 1999 TJ₁₇₂, 1, 1, 0; 2000 YG₅₅, 2, 1, 0; 2002 EZ₇₉, 2, 1, 0; 2002 JQ₇₆, 3, 2, 8; 2619 T-3, 2, 1, 0; [13, 6, 0*, 1971/03/25–1977/10/22]

{8} 2001 KD₇₇, 2, 1, 0; 2001 QW₃₂₂, 8, 2, 1; [10, 2, 0*, 2002/06/03–2002/06/04]

{9} 2001 XD₂₂, 1, 1, 0; 2002 AS₂₁, 2, 1, 0; 2002 CN₁₁₆, 1, 1, 0; 2002 GD₁₁₃, 2, 1, 0; 2002 JV₃₃, 1, 1, 0; 2002 JH₇₅, 2, 1, 0; [9, 6, 0*, 1986/03/04–1993/08/17]

678 Fountain Hills

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

[cwjuels@fountainhillsobservatory.com]

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

Measurers PinPoint Engine, C. W. Juels

0.37-m $f/5.8$ Newtonian + CCD
GSC-ACT, GSC 1.1, USNO A2.0

2000 AP₆₈, 2, 1, 0; 2002 DK₁₈, 3, 1, 0; 2002 FO₂₂, 3, 1, 0; 2002 GU₅₆, 4, 2, 1; 2002 GF₁₆₆, 6, 2, 1; 2002 JV₆₅, 7, 2, 1; 2002 JR₇₂, 6, 2, 1; 2002 JY₁₁₄, 7, 2, 1; 2002 JC₁₂₁, 7, 2, 1; 2002 KB, 2, 1, 0; 2002 KE, 3, 1, 0; 2002 KG, 3, 1, 0; 2002 LF₅ *, 7, 2, 1; 2002 LG₅ *, 11, 3, 4; 2002 LH₅ *, 9, 3, 11; 2002 LJ₅ *, 10, 3, 5; 2002 LK₅ *, 15, 4, 6; 2002 LL₅ *, 9, 3, 4; 2002 LK₂₄ *, 5, 2, 3; 2002 LG₂₅, 9, 2, 1; 2002 LD₃₀ *, 7, 2, 1; 2002 LE₃₀ *, 6, 2, 1; 2002 LO₃₂ *, 11, 3, 2; 2002 LP₃₂ *, 10, 3, 2; 2002 LQ₃₂ *, 6, 2, 1; 2002 LR₃₂ *, 5, 2, 1; 2002 LE₃₅ *, 5, 2, 2; 2002 LF₃₅ *, 9, 3, 6; 2002 LG₃₅ *, 8, 3, 6; 2002 LH₃₅ *, 10, 3, 5; 2002 LJ₃₅ *, 6, 3, 5; 2002 LK₃₅ *, 10, 3, 5; 2002 LL₃₅ *, 5, 2, 1; (1391), 3, 1, 0; (2475), 3, 1, 0; (2658), 3, 1, 0; (3209), 3, 1, 0; (3605), 3, 1, 0; (3885), 3, 1, 0; (5725), 3, 1, 0; (5815), 3, 1, 0; (6601), 6, 1, 0; (7295), 3, 1, 0; (7563), 3, 1, 0; (8398), 3, 1, 0; (9233), 3, 1, 0; (11248), 3, 1, 0; (19410), 3, 1, 0; (20734), 3, 1, 0; (21682), 3, 1, 0; (21703), 3, 1, 0; (21904), 3, 1, 0; (22264), 3, 1, 0; (23093), 2, 1, 0; (41349), 3, 1, 0; (42112), 2, 1, 0; [296, 56, 20*, 2002/02/13-2002/06/17]

682 Kanab

E. Sheridan, 7205 Sunflower Lane, Kanab, UT 84741, U.S.A.
[mened@xpressweb.com]

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

2001 BG₆₂, 3, 1, 0; 2002 CD₃₀₃, 2, 1, 0; 2002 JB₆₃, 3, 1, 0; 2002 JV₁₁₉, 3, 1, 0; [11, 4, 0*, 2000/12/27-2002/05/07]

683 Goodricke-Pigott Observatory, Tucson

R. A. Tucker, 5500 West Nebraska Street, Tucson, AZ 85746, U.S.A.
[tucker@noao.edu]

Observer R. Tucker
Measurer PinPoint Engine
3x(0.35-m $f/5$ reflector + CCD)
GSC-ACT

1989 UX₇, 5, 2, 1; 1998 QQ₄₀, 6, 2, 1; 1998 QH₇₀, 6, 2, 1; 1998 QL₈₉, 3, 1, 0; 2000 SN₅₇, 3, 1, 0; 2001 CE₃₄, 6, 2, 1; 2001 HA₄₇, 3, 1, 0; 2001 QB₂₆₁, 5, 2, 2; 2001 RA₁₄₅ *, 3, 1, 0; 2001 RP₁₄₆, 3, 1, 0; 2001 TK₂₁₇, 3, 1, 0; 2001 TH₂₂₅, 4, 2, 1; 2001 TZ₂₂₇, 3, 1, 0; 2001 UB₂₀₇, 3, 1, 0; 2001 XC₂₄₅, 3, 1, 0; 2001 YD₁₅₄, 3, 1, 0; 2002 AY₁₂₄, 3, 1, 0; 2002 AD₁₆₇, 3, 1, 0; 2002 CG₅₉, 2, 1, 0; 2002 CZ₁₄₅, 3, 1, 0; 2002 CB₁₆₄, 2, 1, 0; 2002 CX₂₅₄, 3, 1, 0; 2002 EU, 3, 1, 0; 2002 FC₆, 3, 1, 0; 2002 GJ₆₈, 6, 2, 1; 2002 GD₁₀₆, 2, 1, 0; 2002 JW₁₂₄, 6, 2, 1; 2002 MO₁ *, 13, 6, 7; (329), 8, 3, 7; (439), 5, 2, 1; (1102), 3, 1, 0; (2813), 6, 2, 1; (3039), 12, 4, 7; (3786), 5, 2, 1; (5815), 3, 1, 0; (6179), 4, 2, 1; (15979), 12, 4, 7; (20691), 6, 2, 1; (21148), 12, 4, 7; (22303), 6, 2, 1; (22481), 9, 3, 7; (22841), 5, 2, 1; (23051), 6, 2, 1; (23420), 6, 2, 1; (24298), 5, 2, 1; (39946), 5, 2, 1; (40063), 6, 2, 1; (41030), 5, 2, 1; (41044), 12, 4, 7; (41332), 5, 2, 1; (42038), 9, 3, 7; [266, 51, 2*, 2001/09/07-2002/06/20]

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)

L. H. Wasserman, Lowell Observatory, 1400 West Mars Hill Road, Flagstaff, AZ 86001, U.S.A. [lhw@lowell.edu] (5)

Observers R. L. Millis, L. H. Wasserman, B. A. Skiff
Measurers L. H. Wasserman, M. W. Buie, B. A. Skiff
1.8-m reflector + CCD, 0.75-m $f/16$ reflector + CCD
USNO-A2.0

{1} 2000 RT₅₆, 3, 1, 0; 2002 JJ₂₈, 3, 1, 0; 2002 JL₄₂, 2, 1, 0; [8, 3, 0*, 1997/12/27-1998/04/19]

{5} 2002 GF₃₂, 2, 1, 0; 2002 GH₃₂, 2, 1, 0; 2002 GJ₃₂, 4, 2, 1; 2002 GN₃₂, 2, 1, 0; 2002 GP₃₂, 2, 1, 0; [12, 5, 0*, 2002/06/11-2002/06/12]

691 Kitt Peak, Steward Observatory-Spacewatch

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

Observers T. Gehrels, J. V. Scotti, M. T. Read, A. F. Tubbiolo

Measurer Program IMPACT (v2.0)

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

1981 ER₃₃, 6, 2, 445; 1981 ES₃₇, 3, 1, 0; 1992 DR₁₁, 3, 1, 0; 1992 RP₁, 3, 1, 0; 1993 FF₉, 3, 1, 0; 1993 FB₁₅, 3, 1, 0; 1993 FA₂₁, 3, 1, 0; 1993 FJ₄₅, 3, 1, 0; 1993 FX₄₅, 3, 1, 0; 1993 FH₅₆, 12, 4, 1425; 1993 FO₅₉, 3, 1, 0; 1993 FC₆₀, 3, 1, 0; 1993 RU₁₀, 9, 3, 488; 1994 AE₇, 3, 1, 0; 1994 AE₉, 3, 1, 0; 1994 AV₁₃, 6, 2, 5; 1994 BL₂, 3, 1, 0; 1994 GU₄, 3, 1, 0; 1994 PP₉, 2, 1, 0; 1994 RE₉, 3, 1, 0; 1994 VG₈, 3, 1, 0; 1995 DZ₄, 3, 1, 0; 1995 DE₉, 3, 1, 0; 1995 EC₆, 3, 1, 0; 1995 OL₁₃, 3, 1, 0; 1995 SA₂₄, 2, 1, 0; 1995 ST₄₂, 3, 1, 0; 1995 SE₅₁, 3, 1, 0; 1995 SM₅₂, 3, 1, 0; 1995 SZ₈₈, 3, 1, 0; 1995 UC₁₉, 3, 1, 0; 1995 UB₂₉, 3, 1, 0; 1995 WU₄₀, 3, 1, 0; 1995 YP₇, 3, 1, 0; 1995 YF₁₇, 6, 2, 61; 1996 FC₁₁, 3, 1, 0; 1996 JM₁₂, 3, 1, 0; 1996 LV₅, 3, 1, 0; 1996 RB₂₆, 3, 1, 0; 1996 RC₂₉, 3, 1, 0; 1996 RU₃₁, 3, 1, 0; 1996 TT₂₂, 6, 2, 24; 1996 TY₄₅, 3, 1, 0; 1996 VO₁₅, 6, 2, 2539; 1996 VH₂₈, 6, 2, 1497; 1996 XX₁₆, 3, 1, 0; 1996 XE₂₄, 3, 1, 0; 1996 XY₃₅, 6, 2, 1019; 1997 EP₄, 6, 2, 47; 1997 ET₄₆, 3, 1, 0; 1997 GF₁₃, 3, 1, 0; 1997 JH₃, 3, 1, 0; 1997 LJ₁, 3, 1, 0; 1997 ND₆, 6, 2, 415; 1997 YR₁₅, 3, 1, 0; 1998 BQ₂₆, 3, 1, 0; 1998 DG, 3, 1, 0; 1998 DE₂, 3, 1, 0; 1998 DX₁₃, 6, 2, 1931; 1998 DQ₃₄, 6, 2, 1464; 1998 EX₁₁, 3, 1, 0; 1998 EZ₁₁, 3, 1, 0; 1998 EX₂₀, 3, 1, 0; 1998 FF₁₁, 3, 1, 0; 1998 FM₁₄, 3, 1, 0; 1998 FT₁₈, 3, 1, 0; 1998 FQ₂₆, 3, 1, 0; 1998 FN₂₉, 3, 1, 0; 1998 FO₃₀, 3, 1, 0; 1998 FW₅₇, 3, 1, 0; 1998 FM₆₅, 3, 1, 0; 1998 FU₁₃₂, 3, 1, 0; 1998 FD₁₃₃, 3, 1, 0; 1998 FN₁₃₃, 3, 1, 0; 1998 FH₁₃₅, 3, 1, 0; 1998 FO₁₃₈, 3, 1, 0; 1998 FG₁₄₃, 3, 1, 0; 1998 GN₁, 3, 1, 0; 1998 HC₁₆, 3, 1, 0; 1998 HV₂₈, 3, 1, 0; 1998 HH₃₇, 6, 2, 2045; 1998 HD₃₈, 3, 1, 0; 1998 HN₅₃, 3, 1, 0; 1998 HU₇₆, 3, 1, 0; 1998 HW₈₂, 3, 1, 0; 1998 HL₉₄, 3, 1, 0; 1998 HS₁₀₇, 3, 1, 0; 1998 HY₁₁₇, 3, 1, 0; 1998 JM₃, 6, 2, 10; 1998 KT₄₂, 6, 2, 475; 1998 KH₄₃, 3, 1, 0; 1998 MY, 3, 1, 0; 1998 MM₄, 3, 1, 0; 1998 MQ₇, 3, 1, 0; 1998 MP₁₈, 6, 2, 1738; 1998 QP₇, 3, 1, 0; 1998 QF₁₀, 3, 1, 0; 1998 QC₁₄, 3, 1, 0; 1998 QR₃₃, 3, 1, 0; 1998 QK₄₆, 3, 1, 0; 1998 QG₆₁, 3, 1, 0; 1998 QJ₇₀, 3, 1, 0; 1998 QM₈₀, 3, 1, 0; 1998 RS₁₅, 3, 1, 0; 1998 RM₂₁, 3, 1, 0; 1998 RF₅₄, 3, 1, 0; 1998 RQ₇₅, 3, 1, 0; 1998 RO₇₆, 6, 1, 0; 1998 RP₇₇, 3, 1, 0; 1998 SY₁, 6, 2, 35; 1998 SZ₃₈, 6, 2, 833; 1998 SG₅₅, 12, 4, 446; 1998 ST₅₇, 6, 2, 26; 1998 SW₆₄, 3, 1, 0; 1998 SZ₇₀, 6, 2, 37; 1998 SB₈₁, 3, 1, 0; 1998 SC₁₀₀, 3, 1, 0; 1998 SB₁₀₂, 3, 1, 0; 1998 SR₁₀₅, 5, 2, 802; 1998 SU₁₁₁, 3, 1, 0; 1998 SB₁₆₃, 3, 1, 0; 1998 TL₃₇, 6, 2, 25; 1998 TQ₃₇, 3, 1, 0; 1998 TZ₃₇, 5, 2, 18; 1998 TD₃₈, 3, 1, 0; 1998 UD₂₀, 3, 1, 0; 1998 UX₄₈, 3, 1, 0; 1998 VN₄, 3, 1, 0; 1998 VZ₁₆, 3, 1, 0; 1998 VJ₅₂, 6, 2, 1; 1998 VN₅₆, 3, 1, 0; 1998 WF₁₅, 3, 1, 0; 1998 WX₂₇, 3, 1, 0; 1998 WX₂₈, 3, 1, 0; 1998 WE₃₈, 6, 2, 9; 1998 YZ, 3, 1, 0; 1999 AS₁₆, 3, 1, 0; 1999 CM₁₀₇, 3, 1, 0; 1999 CF₁₁₆, 3, 1, 0; 1999 CP₁₅₆, 3, 1, 0; 1999 FY₁₆, 3, 1, 0; 1999 FD₃₀, 3, 1, 0; 1999 GP₆, 3, 1, 0; 1999 GC₁₁, 3, 1, 0; 1999 GX₂₁, 3, 1, 0; 1999 JT₁₅, 3, 1, 0; 1999 JO₂₉, 3, 1, 0; 1999 JM₉₃, 3, 1, 0; 1999 JW₁₂₅, 6, 2, 1036; 1999 LG₁₁, 3, 1, 0; 1999 LZ₂₀, 2, 1, 0; 1999 ME₁, 3, 1, 0; 1999 MV₁, 3, 1, 0; 1999 ND₅, 3, 1, 0; 1999 NO₆, 3, 1, 0; 1999 NN₂₆, 3, 1, 0; 1999 NP₁₈, 6, 2, 1480; 1999 NP₂₇, 3, 1, 0; 1999 NE₃₆, 3, 1, 0; 1999 NH₃₉, 3, 1, 0; 1999 NO₄₇, 3, 1, 0; 1999 ON₁, 6, 2, 2554; 1999 PJ₃, 3, 1, 0; 1999 PO₆, 3, 1, 0; 1999 QQ, 3, 1, 0; 1999 RP₉, 3, 1, 0; 1999 RP₁₉, 6, 2, 3378; 1999 RM₂₁, 3, 1, 0; 1999 RX₃₃, 3, 1, 0; 1999 RG₄₈, 3, 1, 0; 1999 RZ₄₉, 3, 1, 0; 1999 RK₅₂, 3, 1, 0; 1999 RT₅₅, 3, 1, 0; 1999 RX₅₅, 6, 2, 11; 1999 RE₅₇, 6, 2, 42; 1999 RE₆₁, 3, 1, 0; 1999 RD₇₀, 3, 1, 0; 1999 RM₇₂, 3, 1, 0; 1999 RQ₈₄, 3, 1, 0; 1999 RE₈₅, 3, 1, 0; 1999 RS₈₆, 3, 1, 0; 1999 RK₈₇, 3, 1, 0; 1999 RA₉₀, 2, 1, 0; 1999 RR₉₅, 3, 1, 0; 1999 RY₉₇, 3, 1, 0; 1999 RG₁₀₅, 3, 1, 0; 1999 RH₁₁₈, 6, 2, 27; 1999 RZ₁₁₈, 3, 1, 0; 1999 RT₁₃₅, 3, 1, 0; 1999 RC₁₃₈, 3, 1, 0; 1999 RN₁₄₈, 3, 1, 0; 1999 RU₁₅₀, 6, 2, 9; 1999 RJ₁₅₈, 3, 1, 0; 1999 RS₁₅₈, 3, 1, 0; 1999 RM₁₆₄, 3, 1, 0; 1999 RW₁₆₉, 3, 1, 0; 1999 RF₁₇₃, 3, 1, 0; 1999 RY₁₈₁, 5, 2, 25; 1999 RR₁₈₂, 3, 1, 0; 1999 RW₁₈₂, 2, 1, 0; 1999 RG₁₈₄, 3, 1, 0; 1999 RQ₁₈₅, 8, 3, 3270; 1999 RH₁₈₈, 3, 1, 0; 1999 RL₁₈₉, 3, 1, 0; 1999 RX₁₈₉, 3, 1, 0; 1999 RW₂₂₁, 3, 1, 0; 1999 RJ₂₂₂, 3, 1, 0; 1999 RT₂₂₉, 6, 2, 475; 1999 RF₂₄₈, 3, 1, 0; 1999 RJ₂₄₉, 3, 1, 0; 1999 RD₂₅₅, 3, 1, 0; 1999 SN₂, 3, 1, 0; 1999 SW₆, 3, 1, 0; 1999 TS, 3, 1, 0; 1999 TV, 3, 1, 0; 1999 TO₁₅, 3, 1, 0; 1999 TO₂₁, 3, 1, 0; 1999 TU₂₇, 3, 1, 0; 1999 TR₂₈, 3, 1, 0; 1999 TS₃₁, 6, 2, 3416; 1999 TN₃₃, 3, 1, 0; 1999 TK₄₂, 3, 1, 0; 1999 TR₄₃, 3, 1, 0; 1999 TA₄₉, 3, 1, 0; 1999 TW₅₈, 6, 2, 1; 1999 TP₆₉, 6, 2, 895; 1999 TW₇₉, 3, 1, 0; 1999 TW₈₆, 3, 1, 0; 1999 TH₉₄, 3, 1, 0; 1999 TP₉₇, 3, 1, 0; 1999 TR₁₁₆, 3, 1, 0; 1999 TS₁₁₆, 3, 1, 0; 1999 TS₁₂₁, 3, 1, 0; 1999 TW₁₂₄, 3, 1, 0; 1999 TV₁₂₇, 3, 1, 0; 1999 TE₁₂₈, 3, 1, 0; 1999 TD₁₂₉, 3, 1, 0; 1999 TL₁₃₁, 2, 1, 0; 1999 TY₁₃₁, 6, 2, 2294; 1999 TM₁₃₅, 3, 1, 0; 1999 TM₁₃₉, 6, 2, 1062; 1999 TC₁₄₂, 3, 1, 0; 1999 TG₁₄₆, 9, 3, 2336; 1999 TE₁₄₇, 3, 1, 0; 1999 TQ₁₄₇, 3, 1, 0; 1999 TX₁₆₈, 3, 1, 0; 1999 TW₁₆₉, 3, 1, 0; 1999 TO₁₇₃, 3, 1, 0; 1999 TF₁₈₄, 3, 1, 0; 1999 TD₂₀₁, 3, 1, 0; 1999 TF₂₁₄, 3, 1, 0; 1999 TS₂₁₆, 3, 1, 0; 1999 TP₂₂₁, 3, 1, 0; 1999 TO₂₂₅, 3, 1, 0; 1999 TX₂₄₂, 3, 1, 0; 1999 TQ₂₄₄, 3, 1, 0; 1999 TX₂₅₃, 3, 1, 0; 1999 TA₂₆₀, 3, 1, 0; 1999 TT₂₈₃, 2, 1, 0; 1999 TC₂₈₄, 3, 1, 0; 1999 TJ₂₈₈, 3, 1, 0; 1999 TW₂₉₁, 3, 1, 0; 1999 TC₂₉₆, 2, 1, 0; 1999 TC₃₂₁, 3, 1, 0; 1999 TA₃₂₃, 3, 1, 0; 1999 UH₁₂, 3, 1, 0; 1999 UG₃₇, 6, 2, 61; 1999 UJ₄₁, 3, 1, 0; 1999 VD, 9, 3, 2934; 1999 VS₅, 3, 1, 0; 1999 VU₁₇, 3, 1, 0; 1999 VG₂₃, 3, 1, 0; 1999 VQ₃₂, 3, 1, 0; 1999 VC₆₁, 3, 1, 0; 1999 VU₆₅, 3, 1, 0; 1999 VA₆₉, 3, 1, 0; 1999 VC₇₄, 3, 1, 0; 1999 VS₇₄, 6, 2, 6; 1999 VS₇₅, 6, 2, 911; 1999 VZ₇₉, 3, 1, 0; 1999 VO₉₀, 3, 1, 0; 1999 VX₉₁, 3, 1, 0; 1999 VN₉₅, 3, 1, 0; 1999 VU₉₅, 3, 1, 0; 1999 VM₉₈, 3, 1, 0; 1999 VM₁₀₇, 3, 1, 0; 1999 VW₁₂₁, 3, 1, 0; 1999 VX₁₂₄, 3, 1, 0; 1999 VH₁₄₅, 3, 1, 0; 1999 VR₁₅₄, 3, 1, 0; 1999 VV₁₅₅, 3, 1, 0; 1999 VC₁₅₉, 3, 1, 0; 1999 VU₁₆₆, 3, 1, 0; 1999 VN₁₇₈, 3, 1, 0; 1999 VP₁₇₉, 3, 1, 0; 1999 VQ₁₈₃, 12, 4, 541; 1999 VD₁₉₁, 3, 1, 0; 1999 VA₂₀₈, 3, 1, 0; 1999 VY₂₁₅, 3, 1, 0; 1999 WM₉, 3, 1, 0; 1999 XK₂₀, 3, 1, 0; 1999 XD₂₅, 3, 1, 0; 1999 XK₅₁,

2002 GB₃₉, 3, 1, 0; [3, 1, 0*, 1994/12/01]

695 Kitt Peak

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B. Gladman, Observatoire de Nice, Department Cassini, BP 229, F-06304 Nice Cedex 4, France [gladman@obs-nice.fr] (8)

Observers M. W. Buie (1), S. Kern (1), R. L. Allen (2), G. Bernstein (2), R. Malhotra (2) D. Wittman (3), D. Kirkman (3), I. Dell'Antonio (3), J. Tyson (3), B. Gladman (8)

Measurers L. H. Wasserman, M. W. Buie, R. L. Allen, D. Wittman, A. B. Jordan, E. Chiang, D. E. Trilling, K. D. Clancy, R. L. Millis, S. D. Kern, C. W. Hergenrother

4-m Mayall reflector + CCD, 2.3-m Steward reflector + CCD
GSC, USNO-A1.0, USNO-A2.0

{1} 1996 AO₆, 2, 1, 0; 2000 HF₅₉, 2, 1, 0; 2001 CO₂₇, 4, 1, 0; 2001 QH₈₈, 2, 1, 0; 2001 QH₂₇₆, 2, 1, 0; 2001 RM₁₅, 2, 1, 0; 2001 RW₉₁, 2, 1, 0; 2001 RJ₁₂₆, 2, 1, 0; 2001 RQ₁₅₀, 2, 1, 0; 2001 SC₃₁₇, 2, 1, 0; 2001 TD₁₆₀, 2, 1, 0; 2002 CP₇₃, 2, 1, 0; 2002 CC₂₁₂, 2, 1, 0; 2002 CK₂₁₈, 2, 1, 0; 2002 CN₂₂₀, 2, 1, 0; 2002 CO₂₃₉, 2, 1, 0; 2002 CO₂₈₂, 3, 1, 0; 2002 CN₂₈₆, 2, 1, 0; 2002 CM₂₉₂, 2, 1, 0; 2002 CD₂₉₆, 2, 1, 0; 2002 CL₂₉₉, 2, 1, 0; 2002 DP₁₃, 2, 1, 0; 2002 DE₁₆, 2, 1, 0; 2002 DU₁₇, 2, 1, 0; 2002 DZ₁₇, 2, 1, 0; 2002 DC₁₈, 2, 1, 0; 2002 DQ₁₈, 4, 2, 40; 2002 EQ₃, 2, 1, 0; 2002 EY₃, 2, 1, 0; 2002 EH₃₄, 2, 1, 0; 2002 EB₃₉, 2, 1, 0; 2002 EX₁₀₇, 2, 1, 0; 2002 EU₁₁₁, 2, 1, 0; 2002 EM₁₂₀, 2, 1, 0; 2002 EX₁₂₅, 2, 1, 0; 2002 EW₁₂₉, 2, 1, 0; 2002 EY₁₃₅, 2, 1, 0; 2002 GK₁₆, 2, 1, 0; 2002 GO₂₉, 2, 1, 0; 2002 GR₂₉, 2, 1, 0; 2002 GB₄₀, 2, 1, 0; 2002 GT₇₄, 2, 1, 0; 2002 GH₇₆, 2, 1, 0; 2002 JP₆₃, 2, 1, 0; 2002 JS₁₀₅, 2, 1, 0; [97, 46, 0*, 1996/12/15–2002/03/20]

{3} 2002 BA₂₉, 4, 1, 0; 2002 CK₂₅₁, 5, 1, 0; 2002 CE₂₉₄, 4, 1, 0; 2002 GW₇₀, 5, 1, 0; [18, 4, 0*, 2000/12/21–2001/12/18]

{5} 2002 GT₉₁, 5, 2, 1; [5, 1, 0*, 1996/12/14–1996/12/15]

{8} 2001 QX₃₂₂, 3, 2, 1; [3, 1, 0*, 2002/06/15–2002/06/16]

696 F. L. Whipple Observatory, Mount Hopkins

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Observers C. W. Hergenrother, T. B. Spahr, M. Calkins, P. Berlind, L. Macri
1.2-m *f*/8 reflector + CCD
USNO-A2.0

{1} 2002 GJ₁₀, 3, 1, 0; 2002 GB₉₉, 2, 1, 0; [5, 2, 0*, 1998/01/20–1998/05/02]

{6} 2002 GH₈₇, 2, 1, 0; [2, 1, 0*, 1996/10/18]

{7} 1996 XW₁, 4, 2, 1; 2000 HD₂₄, 2, 1, 0; 2001 DU₈, 2, 1, 0; 2001 EB₁₆, 4, 2, 1; 2001 QO₁₄₂, 4, 1, 0; 2001 XQ₃₀, 2, 1, 0; 2001 XR₃₀, 2, 1, 0; 2002 AP₃, 2, 1, 0; 2002 AR₄, 2, 1, 0; 2002 AT₄, 2, 1, 0; 2002 AO₇, 2, 1, 0; 2002 CU₁₁, 2, 1, 0; 2002 EX₈, 4, 2, 1; 2002 EQ₉, 2, 1, 0; 2002 EX₁₁, 2, 1, 0; 2002 EV₇₁, 2, 1, 0; 2002 FQ₄, 2, 1, 0; 2002 FG₇, 2, 1, 0; 2002 GA₂, 1, 0; 2002 GM₂, 2, 1, 0; 2002 HF₈, 2, 1, 0; 2002 HQ₁₁, 2, 1, 0; 2002 JS₂, 2, 1, 0; 2002 JX₈, 2, 1, 0; 2002 JZ₈, 2, 1, 0; 2002 JC₉, 2, 1, 0; 2002 JG₁₄, 2, 1, 0; 2002 JQ₁₀₀, 2, 1, 0; 2002 JD₁₀₉, 2, 1, 0; 2002 JW₁₁₅, 2, 1, 0; 2002 KJ₃, 2, 1, 0; 2002 KK₃, 2, 1, 0; 2002 KL₃, 2, 1, 0; 2002 KM₃, 2, 1, 0; 2002 KF₄, 2, 1, 0; 2002 KK₈, 2, 1, 0; 2002 LK₅, 2, 2, 2; 2002 LV₂, 2, 1, 0; 2002 LY₁, 2, 1, 0; [89, 39, 0*, 2002/06/06–2002/06/09]

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

Observers B. A. Skiff, B. W. Koehn

Measurers B. W. Koehn, W. S. Kelly, B. A. Skiff

0.59-m LONEOS Schmidt + CCD

USNO-A2.0

1968 OB₃, 3, 1, 0; 1977 EA₈, 4, 1, 0; 1978 UD₇, 3, 1, 0; 1978 UX₇, 3, 1, 0; 1978 VX₆, 3, 1, 0; 1978 VU₈, 6, 2, 43; 1979 MJ₃, 3, 1, 0; 1979 MZ₈, 6, 2, 31; 1981 DH₂, 3, 1, 0; 1981 EJ₂, 4, 1, 0; 1981 EG₂₀, 3, 1, 0; 1981 EK₂₁, 3, 1, 0; 1981 EH₂₈, 3, 1, 0; 1981 EW₂₈, 4, 1, 0; 1981 EJ₂₉, 3, 1, 0; 1981 EK₃₂, 4, 1, 0; 1981 EJ₃₅, 3, 1, 0; 1981 EP₄₁, 3, 1, 0; 1981 EQ₄₇, 6, 2, 6; 1981 QG₃, 4, 1, 0; 1982 KA₃, 3, 1, 0; 1985 QY₂, 4, 1, 0; 1985 RB₃, 6, 2, 34; 1985 RM₃, 3, 1, 0; 1986 EP₂, 3, 1, 0; 1986 QR₄, 4, 1, 0; 1986 WU₃, 3, 1, 0; 1987 KF₁, 4, 1, 0; 1988 CQ₂, 3, 1, 0; 1988 QC₁, 3, 1, 0; 1988 RY₁₂, 3, 1, 0; 1988 SA₂, 3, 1, 0; 1988 SL₂, 3, 1, 0; 1989 BB₃, 3, 1, 0; 1989 CC₃, 6, 2, 14; 1989 EB₁, 3, 1, 0; 1989 GL₃, 1, 0; 1989 SV₅, 3, 1, 0; 1989 SZ₁₃, 3, 1, 0; 1989 TN₁, 3, 1, 0; 1989 TC₄, 3, 1, 0; 1989 US₁, 3, 1, 0; 1990 EK₂, 4, 1, 0; 1990 SV₆, 6, 2, 26; 1990 SH₅, 3, 1, 0; 1990 TB₆, 3, 1, 0; 1990 UC₂, 3, 1, 0; 1990 VM₁, 3, 1, 0; 1990 VH₃, 3, 1, 0; 1990 VK₄, 3, 1, 0; 1990 VO₈, 3, 1, 0; 1990 WR₂, 3, 1, 0; 1990 YP₃, 3, 1, 0; 1991 FM₂, 8, 2, 22; 1991 NJ₁, 3, 1, 0; 1991 PU₉, 4, 1, 0; 1991 RH₁, 3, 1, 0; 1991 RN₆, 3, 1, 0; 1991 RB₁₀, 6, 2, 79; 1991 RN₁₇, 6, 2, 5; 1991 RJ₂₉, 4, 1, 0; 1991 RX₄₀, 3, 1, 0; 1991 TH₁, 3, 1, 0; 1991 TW₂, 3, 1, 0; 1991 TD₇, 3, 1, 0; 1991 TG₁₄, 3, 1, 0; 1991 VR₂, 9, 3, 37; 1991 VD₄, 4, 1, 0; 1991 XN₆, 2, 52; 1991 XB₁, 4, 1, 0; 1991 YN₁, 6, 2, 31; 1992 AQ₃, 3, 1, 0; 1992 AJ₁, 3, 1, 0; 1992 BL₁, 3, 1, 0; 1992 BQ₂, 3, 1, 0; 1992 BZ₃, 3, 1, 0; 1992 CB₃, 6, 2, 19; 1992 DZ₃, 3, 1, 0; 1992 DG₁₂, 3, 1, 0; 1992 EH₂, 3, 1, 0; 1992 EC₅, 6, 2, 27; 1992 EG₅, 6, 2, 3; 1992 EN₁₂, 3, 1, 0; 1992 EF₂₂, 3, 1, 0; 1992 GC₃, 1, 0; 1992 RV₆, 3, 1, 0; 1992 WS₁, 9, 3, 40; 1992 YP₃, 3, 1, 0; 1993 BM₃, 3, 1, 0; 1993 FG₁, 3, 1, 0; 1993 FU₄, 8, 2, 82; 1993 FC₂₀, 3, 1, 0; 1993 FN₂₂, 3, 1, 0; 1993 FF₃₄, 3, 1, 0; 1993 FO₃₉, 3, 1, 0; 1993 FK₄₀, 4, 1, 0; 1993 FY₄₆, 4, 1, 0; 1993 FE₇₆, 3, 1, 0; 1993 FD₈₃, 12, 3, 6; 1993 KG₁, 3, 1, 0; 1993 KO₃, 6, 2, 72; 1993 MR₃, 3, 1, 0; 1993 PU₄, 4, 1, 0; 1993 PV₈, 3, 1, 0; 1993 QN₅, 4, 1, 0; 1993 QQ₅, 9, 3, 28; 1993 QP₉, 3, 1, 0; 1993 RD₄, 3, 1, 0; 1993 RT₆, 3, 1, 0; 1993 RO₇, 3, 1, 0; 1993 RT₇, 3, 1, 0; 1993 RU₁₀, 4, 1, 0; 1993 RB₁₁, 3, 1, 0; 1993 SB₁₄, 3, 1, 0; 1993 SH₁₅, 8, 2, 2; 1993 TO₁₅, 3, 1, 0; 1993 TS₁₆, 12, 4, 54; 1993 TM₂₅, 3, 1, 0; 1993 TJ₃₃, 6, 2, 25; 1993 TG₃₇, 4, 1, 0; 1993 TT₄₁, 3, 1, 0; 1993 VH₅, 3, 1, 0; 1994 AN₁₅, 3, 1, 0; 1994 ES₄, 1, 0; 1994 EU₆, 3, 1, 0; 1994 FV₃, 3, 1, 0; 1994 NB₂, 3, 1, 0; 1994 PE₄, 3, 1, 0; 1994 PU₈, 6, 2, 27; 1994 PP₉, 6, 2, 6; 1994 PX₉, 3, 1, 0; 1994 PO₁₀, 10, 3, 987; 1994 PS₁₀, 3, 1, 0; 1994 PW₁₅, 3, 1, 0; 1994 PZ₁₅, 3, 1, 0; 1994 PA₁₇, 3, 1, 0; 1994 PP₁₇, 3, 1, 0; 1994 PG₁₉, 3, 1, 0; 1994 PV₁₉, 6, 2, 32; 1994 PO₂₂, 3, 1, 0; 1994 PB₂₄, 3, 1, 0; 1994 PL₂₉, 3, 1, 0; 1994 PC₃₀, 3, 1, 0; 1994 PQ₃₂, 6, 2, 6; 1994 PZ₃₂, 4, 1, 0; 1994 PK₃₅, 3, 1, 0; 1994 PS₃₅, 3, 1, 0; 1994 PK₃₇, 3, 1, 0; 1994 RZ₉, 3, 1, 0; 1994 RE₁₁, 3, 1, 0; 1994 SL₇, 6, 2, 32; 1994 TK₄, 1, 0; 1994 TO₂, 4, 1, 0; 1994 TB₃, 3, 1, 0; 1994 TQ₃, 3, 1, 0; 1994 TO₄, 3, 1, 0; 1994 TK₁₅, 3, 1, 0; 1994 TN₁₅, 6, 2, 5; 1994 UL₉, 3, 1, 0; 1994 VF₃, 1, 0; 1994 VL₃, 1, 0; 1994 VM₃, 1, 0; 1994 VU₆, 2, 21; 1994 VH₁, 3, 1, 0; 1994 VQ₁, 3, 1, 0; 1994 VH₂, 3, 1, 0; 1994 VZ₆, 3, 1, 0; 1994 WD₃, 3, 1, 0; 1994 WT₃, 3, 1, 0; 1994 XV₄, 7, 2, 1249; 1994 YD₆, 6, 2, 52; 1994 YO₁, 3, 1, 0; 1994 YP₁, 3, 1, 0; 1995 AD₁, 3, 1, 0; 1995 BH₃, 1, 0; 1995 BO₆, 3, 1, 0; 1995 ER₅, 3, 1, 0; 1995 EF₆, 3, 1, 0; 1995 FX₇, 3, 1, 0; 1995 FA₈, 3, 1, 0; 1995 FS₈, 4, 1, 0; 1995 FA₁₆, 4, 1, 0; 1995 HD₃, 3, 1, 0; 1995 SD₄, 3, 1, 0; 1995 TP₄, 4, 1, 0; 1995 UT₈, 3, 1, 0; 1995 UX₄₈, 6, 2, 71; 1995 VH₂, 4, 1, 0; 1995 VX₁₃, 4, 1, 0; 1995 WO₄, 1, 0; 1995 WX₂, 3, 1, 0; 1995 WR₉, 4, 1, 0; 1995 WN₁₉, 4, 1, 0; 1995 XL₃, 1, 0; 1995 XO₂, 3, 1, 0; 1995 YO₁, 3, 1, 0; 1995 YG₃, 3, 1, 0; 1995 YY₅, 3, 1, 0; 1995 YZ₂₂, 3, 1, 0; 1996 AN₈, 3, 1, 0; 1996 AK₁₀, 3, 1, 0; 1996 AO₁₂, 3, 1, 0; 1996 AE₁₈, 3, 1, 0; 1996 BR₄, 1, 0; 1996 BW₁₁, 3, 1, 0; 1996 CX₈, 9, 3, 61; 1996 DO₃, 3, 1, 0; 1996 DC₁, 6, 2, 21; 1996 EP₉, 3, 41; 1996 EL₂, 4, 1, 0; 1996 EJ₃, 4, 1, 0; 1996 EV₇, 3, 1, 0; 1996 FM₂, 3, 1, 0; 1996 FR₂, 10, 3, 916; 1996 FD₄, 3, 1, 0; 1996 GP₁, 3, 1, 0; 1996 GP₆, 6, 2, 54; 1996 GY₁₉, 4, 1, 0; 1996 HM₂, 3, 1, 0; 1996 HJ₈, 3, 1, 0; 1996 HU₁₂, 6, 2, 26; 1996 HJ₁₇, 3, 1, 0; 1996 HZ₂₁, 6, 2, 32; 1996 HD₂₂, 3, 1, 0; 1996 HU₂₃, 3, 1, 0; 1996 JD₃, 3, 1, 0; 1996 JE₃, 3, 1, 0; 1996 JT₇, 3, 1, 0; 1996 JO₉, 6, 2, 6; 1996 JH₁₄, 3, 1, 0; 1996 LM₂, 6, 2, 29; 1996 OL₂, 3, 1, 0; 1996 PF₄, 3, 1, 0; 1996 RJ₂₈, 3, 1, 0; 1996 RJ₃₃, 3, 1, 0; 1996 VH₁₆, 8, 2, 25; 1996 VH₂₈, 3, 1, 0; 1996 XE₆, 8, 1, 0; 1996 XF₁₀, 4, 1, 0; 1996 XZ₁₇, 4, 1, 0; 1996 XF₂₃, 4, 1, 0; 1996 XF₃₃, 4, 1, 0; 1997 EA₂, 4, 1, 0; 1997 EN₁₁, 8, 2, 31; 1997 EV₁₇, 3, 1, 0; 1997 GD₃, 3, 1, 0; 1997 GV₃, 3, 1, 0; 1997 GU₆, 3, 1, 0; 1997 GE₇, 3, 1, 0; 1997 GM₈, 3, 1, 0; 1997 GR₁₁, 3, 1, 0; 1997 GU₁₅, 3, 1, 0; 1997 GC₁₉, 3, 1, 0; 1997 GM₂₁, 3, 1, 0; 1997 GP₂₇, 3, 1, 0; 1997 GO₂₈, 6, 2, 6; 1997 HX₉, 3, 1, 0; 1997 JH₃, 4, 1, 0; 1997 KJ₂, 3, 1, 0; 1997 MH₆, 6, 2, 37; 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1999 RC₁₃₈, 6, 2, 32; 1999 RX₁₃₈, 21, 5, 21; 1999 RA₁₃₉, 4, 1, 0; 1999 RE₁₃₉, 11, 3, 5; 1999 RJ₁₃₉, 14, 3, 1489; 1999 RF₁₄₀, 7, 1, 0; 1999 RW₁₄₀, 8, 2, 7; 1999 RR₁₄₁, 13, 3, 2; 1999 RE₁₄₂, 7, 2, 8; 1999 RZ₁₄₂, 13, 3, 6; 1999 RG₁₄₄, 4, 1, 0; 1999 RL₁₄₄, 14, 3, 10; 1999 RR₁₄₄, 8, 2, 23; 1999 RX₁₄₄, 16, 4, 31; 1999 RD₁₄₅, 25, 5, 29; 1999 RH₁₄₅, 10, 3, 4; 1999 RZ₁₄₅, 19, 3, 6; 1999 RC₁₄₇, 9, 2, 1; 1999 RP₁₄₇, 3, 1, 0; 1999 RF₁₄₈, 22, 5, 28; 1999 RX₁₄₈, 3, 1, 0; 1999 RZ₁₄₈, 5, 1, 0; 1999 RU₁₄₉, 9, 2, 11; 1999 RL₁₅₀, 9, 2, 1;

1999 RU₁₅₀, 4, 1, 0; 1999 RW₁₅₀, 4, 1, 0; 1999 RB₁₅₁, 5, 1, 0; 1999 RO₁₅₁, 16, 4, 13; 1999 RR₁₅₁, 4, 1, 0; 1999 RW₁₅₂, 4, 1, 0; 1999 RY₁₅₂, 8, 2, 11; 1999 RF₁₅₅, 7, 2, 2; 1999 RR₁₅₅, 23, 5, 28; 1999 RV₁₅₅, 5, 1, 0; 1999 RA₁₅₆, 31, 7, 61; 1999 RS₁₅₈, 4, 1, 0; 1999 RP₁₆₀, 10, 3, 10; 1999 RF₁₆₁, 14, 4, 9; 1999 RH₁₆₁, 17, 3, 93; 1999 RO₁₆₂, 14, 2, 2; 1999 RH₁₆₃, 3, 1, 0; 1999 RP₁₆₃, 18, 4, 8; 1999 RV₁₆₄, 5, 1, 0; 1999 RA₁₆₇, 4, 1, 0; 1999 RG₁₆₇, 19, 3, 4; 1999 RB₁₆₈, 13, 3, 10; 1999 RD₁₆₈, 4, 1, 0; 1999 RE₁₆₈, 8, 2, 28; 1999 RU₁₆₈, 7, 2, 5; 1999 RH₁₆₉, 12, 2, 4; 1999 RA₁₇₀, 5, 1, 0; 1999 RE₁₇₀, 5, 1, 0; 1999 RJ₁₇₀, 3, 1, 0; 1999 RS₁₇₁, 8, 2, 6; 1999 RX₁₇₁, 8, 2, 8; 1999 RZ₁₇₁, 8, 2, 18; 1999 RF₁₇₃, 5, 1, 0; 1999 RU₁₇₄, 5, 1, 0; 1999 RA₁₇₅, 6, 2, 3; 1999 RG₁₇₆, 3, 1, 0; 1999 RH₁₇₆, 4, 1, 0; 1999 RF₁₇₇, 11, 2, 1; 1999 RO₁₇₇, 4, 1, 0; 1999 RY₁₇₇, 5, 1, 0; 1999 RV₁₇₈, 5, 1, 0; 1999 RB₁₇₉, 5, 1, 0; 1999 RX₁₇₉, 3, 1, 0; 1999 RY₁₇₉, 8, 2, 3; 1999 RB₁₈₀, 13, 3, 11; 1999 RD₁₈₀, 10, 2, 10; 1999 RF₁₈₀, 4, 1, 0; 1999 RK₁₈₀, 3, 1, 0; 1999 RQ₁₈₀, 22, 5, 528; 1999 RT₁₈₀, 4, 1, 0; 1999 RC₁₈₁, 3, 1, 0; 1999 RM₁₈₁, 15, 4, 33; 1999 RK₁₈₂, 28, 5, 20; 1999 RL₁₈₂, 4, 1, 0; 1999 RR₁₈₂, 8, 2, 4; 1999 RW₁₈₂, 3, 1, 0; 1999 RX₁₈₂, 3, 1, 0; 1999 RM₁₈₃, 3, 1, 0; 1999 RE₁₈₄, 5, 1, 0; 1999 RL₁₈₄, 9, 2, 4; 1999 RQ₁₈₅, 6, 2, 22; 1999 RN₁₈₆, 12, 3, 5; 1999 RH₁₈₈, 8, 2, 8; 1999 RC₁₉₀, 38, 8, 118; 1999 RV₁₉₀, 5, 1, 0; 1999 RK₁₉₁, 9, 2, 67; 1999 RP₁₉₂, 5, 1, 0; 1999 RB₁₉₃, 14, 3, 19; 1999 RJ₁₉₃, 20, 4, 6; 1999 RK₁₉₃, 27, 6, 14; 1999 RV₁₉₃, 21, 5, 21; 1999 RD₁₉₄, 7, 2, 4; 1999 RB₁₉₅, 17, 4, 21; 1999 RC₁₉₅, 3, 1, 0; 1999 RN₁₉₆, 11, 3, 5; 1999 RF₁₉₇, 8, 2, 11; 1999 RK₁₉₇, 8, 2, 10; 1999 RL₁₉₇, 7, 2, 4; 1999 RT₁₉₇, 4, 1, 0; 1999 RY₁₉₇, 20, 5, 11; 1999 RA₁₉₈, 20, 4, 54; 1999 RF₁₉₈, 3, 1, 0; 1999 RW₁₉₈, 5, 1, 0; 1999 RV₁₉₈, 4, 1, 0; 1999 RH₁₉₉, 14, 3, 4; 1999 RO₁₉₉, 17, 4, 28; 1999 RR₁₉₉, 5, 1, 0; 1999 RJ₂₀₀, 8, 2, 1; 1999 RL₂₀₀, 9, 2, 18; 1999 RN₂₀₀, 8, 2, 4; 1999 RT₂₀₂, 5, 1, 0; 1999 RV₂₀₂, 5, 1, 0; 1999 RC₂₀₃, 18, 4, 20; 1999 RS₂₀₄, 7, 2, 2; 1999 RL₂₀₅, 8, 2, 2; 1999 RZ₂₀₅, 16, 4, 11; 1999 RD₂₀₆, 15, 3, 11; 1999 RM₂₀₇, 6, 1, 0; 1999 RR₂₀₇, 9, 2, 4; 1999 RC₂₀₈, 12, 3, 20; 1999 RK₂₁₀, 14, 3, 12; 1999 RM₂₁₀, 22, 5, 11; 1999 RO₂₁₀, 8, 2, 3; 1999 RU₂₁₀, 5, 1, 0; 1999 RB₂₁₁, 24, 5, 28; 1999 RO₂₁₁, 5, 1, 0; 1999 RA₂₁₂, 3, 1, 0; 1999 RK₂₁₂, 14, 4, 5; 1999 RN₂₁₂, 7, 2, 18; 1999 RR₂₁₂, 26, 6, 28; 1999 RY₂₁₃, 15, 3, 13; 1999 RC₂₁₄, 9, 2, 6; 1999 RK₂₁₄, 4, 1, 0; 1999 RL₂₁₄, 13, 3, 10; 1999 RX₂₁₇, 24, 3, 20; 1999 RH₂₁₈, 25, 4, 21; 1999 RB₂₂₁, 18, 3, 5; 1999 RF₂₂₁, 19, 5, 13; 1999 RJ₂₂₁, 9, 2, 13; 1999 RL₂₂₁, 8, 2, 35; 1999 RQ₂₂₁, 4, 1, 0; 1999 RT₂₂₂, 5, 1, 0; 1999 RW₂₂₃, 17, 5, 21; 1999 RG₂₂₅, 9, 2, 2; 1999 RR₂₂₅, 3, 1, 0; 1999 RS₂₂₅, 13, 3, 19; 1999 RF₂₃₀, 8, 2, 76; 1999 RV₂₃₀, 9, 2, 31; 1999 RA₂₃₂, 17, 4, 11; 1999 RD₂₃₂, 9, 2, 11; 1999 RH₂₃₄, 9, 2, 4; 1999 RN₂₃₅, 4, 1, 0; 1999 RZ₂₃₅, 7, 2, 7; 1999 RM₂₃₆, 15, 4, 9; 1999 RB₂₃₇, 13, 3, 33; 1999 RC₂₃₇, 13, 3, 5; 1999 RJ₂₃₇, 16, 4, 12; 1999 RP₂₃₇, 4, 1, 0; 1999 RH₂₃₈, 10, 2, 2; 1999 RM₂₃₈, 3, 1, 0; 1999 RA₂₃₉, 17, 4, 8; 1999 RB₂₃₉, 14, 3, 5; 1999 RD₂₄₀, 18, 3, 9; 1999 RT₂₄₀, 4, 1, 0; 1999 RG₂₄₁, 16, 4, 1526; 1999 RY₂₄₂, 4, 1, 0; 1999 RR₂₄₇, 16, 4, 37; 1999 RV₂₄₈, 5, 1, 0; 1999 RX₂₄₈, 4, 1, 0; 1999 RJ₂₄₉, 15, 3, 53; 1999 RJ₂₅₀, 5, 1, 0; 1999 RT₂₅₂, 13, 3, 11; 1999 RD₂₅₅, 4, 1, 0; 1999 SJ₂₅, 6, 55; 1999 SU₁, 8, 2, 11; 1999 SY₂, 4, 1, 0; 1999 SE₃, 5, 1, 0; 1999 SC₃, 25, 5, 6; 1999 SH₄, 5, 1, 0; 1999 SK₄, 5, 1, 0; 1999 SS₄, 24, 6, 28; 1999 SG₃, 1, 0; 1999 SD₇, 19, 4, 11; 1999 SJ₇, 7, 2, 3; 1999 SA₈, 19, 4, 11; 1999 SH₈, 13, 3, 28; 1999 SF₈, 4, 1, 0; 1999 SU₈, 10, 2, 11; 1999 SF₉, 9, 2, 4; 1999 SK₉, 4, 1, 0; 1999 SB₁₁, 14, 4, 12; 1999 SJ₁₁, 3, 1, 0; 1999 SN₁₁, 5, 1, 0; 1999 SV₁₂, 17, 3, 5; 1999 SL₁₆, 21, 5, 28; 1999 SS₁₆, 7, 2, 4; 1999 SB₁₈, 11, 3, 7; 1999 SC₁₈, 4, 1, 0; 1999 SK₁₈, 11, 3, 6; 1999 SN₁₈, 5, 1, 0; 1999 SR₁₈, 21, 5, 13; 1999 SD₁₉, 7, 2, 4; 1999 SA₂₀, 4, 1, 0; 1999 SL₂₀, 3, 1, 0; 1999 SR₂₀, 3, 1, 0; 1999 SS₂₀, 3, 1, 0; 1999 TS₁, 4, 1, 0; 1999 TV₁, 34, 8, 26; 1999 TY₁, 8, 2, 2; 1999 TE₂, 2, 2; 1999 TJ₂, 13, 3, 18

2001 YW₁₅₅, 4, 1, 0; 2001 YX₁₅₅, 4, 1, 0; 2001 YY₁₅₅, 4, 1, 0; 2001 YZ₁₅₅, 5, 1, 0; 2001 YA₁₅₆, 5, 1, 0; 2001 YB₁₅₆, 5, 1, 0; 2001 YC₁₅₆, 5, 1, 0; 2001 YD₁₅₆, 4, 1, 0; 2001 YE₁₅₆, 4, 1, 0; 2001 YF₁₅₆, 3, 1, 0; 2001 YG₁₅₆, 4, 1, 0; 2001 YH₁₅₆, 3, 1, 0; 2001 YI₁₅₆, 4, 1, 0; 2001 YJ₁₅₆, 4, 1, 0; 2001 YK₁₅₆, 4, 1, 0; 2001 YL₁₅₆, 4, 1, 0; 2001 YM₁₅₆, 5, 1, 0; 2001 YN₁₅₆, 5, 1, 0; 2001 YO₁₅₆, 4, 1, 0; 2001 YP₁₅₆, 5, 1, 0; 2001 YQ₁₅₆, 3, 1, 0; 2002 AG₁, 5, 1, 0; 2002 AH₃, 1, 0; 2002 AL₃, 8, 2, 8; 2002 AB₅, 17, 4, 5; 2002 AL₆, 10, 2, 15; 2002 AV₈, 4, 1, 0; 2002 AD₁₀, 5, 1, 0; 2002 AG₁₀, 4, 1, 0; 2002 AD₁₄, 10, 2, 613; 2002 AE₁₄, 8, 2, 558; 2002 AL₁₄, 3, 1, 0; 2002 AH₁₈, 9, 2, 21; 2002 AE₂₇, 4, 1, 0; 2002 AN₂₇, 13, 3, 940; 2002 AJ₂₉, 15, 4, 18; 2002 AO₃₀, 5, 1, 0; 2002 AU₃₀, 3, 1, 0; 2002 AH₃₁, 4, 1, 0; 2002 AY₃₁, 14, 3, 27; 2002 AW₃₄, 9, 2, 30; 2002 AN₃₅, 5, 1, 0; 2002 AG₃₆, 10, 2, 26; 2002 AP₄₆, 3, 1, 0; 2002 AQ₄₆, 5, 1, 0; 2002 AL₅₀, 4, 1, 0; 2002 AX₅₀, 5, 1, 0; 2002 AR₅₂, 9, 2, 10; 2002 AW₅₄, 6, 2, 19; 2002 AY₆₂, 6, 2, 22; 2002 AM₆₉, 5, 1, 0; 2002 AK₇₁, 16, 4, 41; 2002 AU₇₁, 5, 1, 0; 2002 AP₇₄, 3, 1, 0; 2002 AK₇₅, 4, 1, 0; 2002 AL₇₅, 3, 1, 0; 2002 AH₇₉, 3, 1, 0; 2002 AJ₇₉, 3, 1, 0; 2002 AP₇₉, 7, 2, 1361; 2002 AR₈₀, 5, 1, 0; 2002 AT₈₄, 5, 1, 0; 2002 AH₈₅, 7, 2, 20; 2002 AG₈₆, 5, 1, 0; 2002 AS₈₇, 14, 3, 17; 2002 AQ₈₇, 10, 2, 496; 2002 AQ₈₉, 4, 1, 0; 2002 AM₉₀, 4, 1, 0; 2002 AT₉₃, 3, 1, 0; 2002 AT₉₄, 3, 1, 0; 2002 AX₉₈, 8, 2, 23; 2002 AZ₉₈, 4, 1, 0; 2002 AC₉₉, 11, 3, 964; 2002 AB₁₀₁, 19, 4, 945; 2002 AQ₁₁₄, 4, 1, 0; 2002 AZ₁₂₄, 5, 1, 0; 2002 AN₁₂₆, 4, 1, 0; 2002 AV₁₂₈, 5, 1, 0; 2002 AX₁₂₈, 4, 1, 0; 2002 AD₁₃₂, 4, 1, 0; 2002 AP₁₃₂, 3, 1, 0; 2002 AO₁₃₃, 5, 1, 0; 2002 AD₁₃₄, 10, 2, 444; 2002 AZ₁₃₄, 7, 2, 445; 2002 AQ₁₃₅, 5, 1, 0; 2002 AQ₁₃₈, 4, 1, 0; 2002 AV₁₃₈, 4, 1, 0; 2002 AF₁₄₀, 12, 2, 4; 2002 AS₁₄₀, 4, 1, 0; 2002 AX₁₄₀, 4, 1, 0; 2002 AX₁₄₁, 4, 1, 0; 2002 AE₁₄₆, 4, 1, 0; 2002 AW₁₄₈, 4, 1, 0; 2002 AD₁₄₉, 3, 1, 0; 2002 AA₁₅₄, 4, 1, 0; 2002 AH₁₅₇, 4, 1, 0; 2002 AV₁₅₉, 3, 1, 0; 2002 AW₁₆₂, 3, 1, 0; 2002 AB₁₆₅, 14, 3, 449; 2002 AV₁₇₂, 3, 1, 0; 2002 AH₁₇₇, 4, 1, 0; 2002 AS₁₇₈, 5, 1, 0; 2002 AR₁₈₀, 5, 1, 0; 2002 AU₁₈₀, 5, 1, 0; 2002 AS₁₈₁, 9, 2, 29; 2002 AW₁₈₁, 28, 2, 1; 2002 AM₁₈₂, 3, 1, 0; 2002 AT₁₈₂, 4, 1, 0; 2002 AJ₁₈₃, 5, 1, 0; 2002 AL₁₈₃, 38, 7, 1364; 2002 AN₁₈₃, 3, 2, 65; 2002 AG₁₈₄, 12, 3, 31; 2002 AM₁₈₄, 7, 2, 57; 2002 AY₁₈₄, 13, 2, 2; 2002 AZ₁₈₅, 5, 1, 0; 2002 AY₁₈₆, 5, 1, 0; 2002 AZ₁₈₆, 9, 2, 530; 2002 AS₁₈₇, 5, 1, 0; 2002 AT₁₈₇, 5, 1, 0; 2002 AJ₁₈₈, 17, 4, 448; 2002 AQ₁₈₈, 38, 9, 1330; 2002 AD₁₈₉, 4, 1, 0; 2002 AK₁₈₉, 3, 1, 0; 2002 AV₁₉₀, 8, 2, 2; 2002 AX₁₉₀, 10, 2, 27; 2002 AB₁₉₁, 5, 1, 0; 2002 AD₁₉₁, 15, 3, 66; 2002 AF₁₉₁, 12, 3, 57; 2002 AS₁₉₁, 26, 2, 1; 2002 AU₁₉₁, 18, 2, 1; 2002 AJ₁₉₂, 3, 1, 0; 2002 AF₁₉₃, 5, 1, 0; 2002 AQ₁₉₃, 9, 2, 920; 2002 AO₁₉₄, 8, 2, 20; 2002 AF₁₉₆, 3, 1, 0; 2002 AK₁₉₇, 3, 1, 0; 2002 AM₁₉₇, 5, 1, 0; 2002 AO₁₉₇, 3, 1, 0; 2002 AQ₁₉₇, 19, 4, 78; 2002 AS₁₉₇, 29, 6, 91; 2002 AT₁₉₇, 9, 2, 55; 2002 BK₉, 8, 2, 493; 2002 BT₁₇, 4, 29; 2002 BU₅, 1, 0; 2002 BS₄, 5, 1, 0; 2002 BZ₄, 9, 2, 18; 2002 BL₅, 10, 2, 60; 2002 BE₈, 4, 1, 0; 2002 BL₈, 4, 1, 0; 2002 BP₉, 8, 2, 5; 2002 BH₁₃, 13, 3, 25; 2002 BP₁₃, 8, 2, 7; 2002 BX₁₄, 4, 1, 0; 2002 BG₁₆, 4, 1, 0; 2002 BS₁₉, 5, 1, 0; 2002 BJ₂₁, 7, 2, 12; 2002 BM₂₂, 4, 1, 0; 2002 BW₂₂, 15, 3, 72; 2002 BZ₂₂, 5, 1, 0; 2002 BJ₂₃, 8, 2, 33; 2002 BO₂₃, 4, 1, 0; 2002 BV₂₅, 14, 3, 560; 2002 BB₂₆, 5, 1, 0; 2002 BT₂₆, 13, 3, 9; 2002 BU₂₆, 5, 1, 0; 2002 BX₂₆, 7, 2, 22; 2002 BY₂₆, 3, 1, 0; 2002 BC₂₇, 11, 3, 35; 2002 BG₂₇, 9, 2, 50; 2002 BL₂₇, 12, 3, 52; 2002 BO₂₇, 16, 4, 56; 2002 BP₂₇, 4, 1, 0; 2002 BR₂₇, 3, 1, 0; 2002 BS₂₇, 7, 2, 18; 2002 BV₂₇, 13, 3, 53; 2002 BW₂₇, 3, 1, 0; 2002 BX₂₇, 4, 1, 0; 2002 BY₂₇, 12, 3, 49; 2002 BB₂₈, 10, 2, 33; 2002 BE₂₈, 5, 1, 0; 2002 BF₂₈, 9, 2, 23; 2002 BK₂₈, 4, 1, 0; 2002 BM₂₈, 3, 1, 0; 2002 BP₂₈, 4, 1, 0; 2002 BX₂₈, 3, 1, 0; 2002 BC₂₉, 13, 3, 42; 2002 BE₂₉, 9, 2, 22; 2002 BJ₂₉, 3, 1, 0; 2002 BK₂₉, 14, 3, 62; 2002 BN₂₉, 10, 2, 33; 2002 BO₂₉, 13, 3, 26; 2002 BP₂₉, 7, 2, 14; 2002 BQ₂₉, 13, 3, 70; 2002 BR₂₉, 17, 4, 65; 2002 BV₂₉, 8, 2, 13; 2002 BW₂₉, 9, 2, 34; 2002 BX₂₉, 22, 5, 114; 2002 BB₃₀, 35, 7, 154; 2002 BE₃₀, 17, 4, 97; 2002 BF₃₀, 5, 1, 0; 2002 BG₃₀, 25, 6, 157; 2002 BJ₃₀, 14, 3, 72; 2002 BK₃₀, 5, 1, 0; 2002 BL₃₀, 10, 2, 60; 2002 BM₃₀, 21, 5, 142; 2002 BO₃₀, 17, 4, 86; 2002 BS₃₀, 13, 3, 49; 2002 BT₃₀, 11, 3, 908; 2002 CS₂, 7, 2, 35; 2002 CW₄, 4, 1, 0; 2002 CS₆, 22, 5, 159; 2002 CU₇, 4, 1, 0; 2002 CW₉, 4, 1, 0; 2002 CX₉, 7, 2, 18; 2002 CR₁₀, 5, 1, 0; 2002 CY₁₀, 9, 2, 3; 2002 CZ₁₀, 3, 1, 0; 2002 CX₁₁, 5, 1, 0; 2002 CB₁₂, 5, 1, 0; 2002 CH₁₃, 5, 1, 0; 2002 CL₁₃, 4, 1, 0; 2002 CP₁₃, 4, 1, 0; 2002 CT₁₅, 4, 1, 0; 2002 CX₁₅, 5, 1, 0; 2002 CX₁₇, 2, 1, 0; 2002 CO₂₄, 4, 1, 0; 2002 CQ₂₄, 6, 2, 62; 2002 CL₂₇, 4, 1, 0; 2002 CN₂₇, 3, 1, 0; 2002 CS₂₈, 4, 1, 0; 2002 CN₂₉, 7, 2, 432; 2002 CV₂₉, 4, 1, 0; 2002 CA₃₀, 5, 1, 0; 2002 CH₃₀, 5, 1, 0; 2002 CK₃₀, 4, 1, 0; 2002 CS₃₁, 3, 1, 0; 2002 CP₃₄, 13, 3, 57; 2002 CF₃₅, 7, 2, 385; 2002 CV₃₆, 4, 1, 0; 2002 CM₃₈, 5, 1, 0; 2002 CP₃₈, 4, 1, 0; 2002 CC₃₉, 15, 3, 4; 2002 CG₄₀, 4, 1, 0; 2002 CL₄₀, 4, 1, 0; 2002 CO₄₀, 12, 3, 78; 2002 CF₄₃, 8, 2, 5; 2002 CH₄₃, 5, 1, 0; 2002 CL₄₃, 17, 4, 527; 2002 CT₄₅, 5, 1, 0; 2002 CV₄₅, 12, 3, 436; 2002 CH₄₆, 5, 1, 0; 2002 CQ₄₆, 3, 1, 0; 2002 CY₄₇, 18, 4, 8; 2002 CC₄₈, 10, 2, 1; 2002 CM₅₁, 2, 1, 0; 2002 CQ₅₂, 5, 1, 0; 2002 CT₅₆, 4, 1, 0; 2002 CG₅₇, 4, 1, 0; 2002 CB₆₀, 3, 1, 0; 2002 CF₆₀, 8, 2, 507; 2002 CR₆₀, 3, 1, 0; 2002 CX₆₁, 13, 2, 502; 2002 CF₆₃, 5, 1, 0; 2002 CM₆₆, 16, 4, 586; 2002 CR₆₆, 10, 2, 16; 2002 CB₆₈, 10, 2, 8; 2002 CK₆₉, 8, 2, 2; 2002 CC₇₀, 4, 1, 0; 2002 CK₇₄, 2, 1, 0; 2002 CC₇₆, 4, 1, 0; 2002 CG₇₉, 14, 3, 496; 2002 CS₈₂, 9, 2, 4; 2002 CJ₈₄, 4, 1, 0; 2002 CM₈₄, 8, 2, 9; 2002 CG₈₉, 5, 1, 0; 2002 CN₈₉, 4, 1, 0; 2002 CL₉₀, 2, 1, 0; 2002 CF₉₁, 4, 1, 0; 2002 CH₉₁, 4, 1, 0; 2002 CU₉₂, 6, 2, 979; 2002 CE₉₃, 5, 1, 0; 2002 CY₉₃, 4, 1, 0; 2002 CP₉₄, 7, 2, 893; 2002 CJ₉₉, 5, 1, 0; 2002 CN₁₀₀, 8, 1, 0; 2002 CF₁₀₁, 3, 1, 0; 2002 CY₁₀₁, 13, 3, 30; 2002 CQ₁₀₃, 4, 1, 0; 2002 CL₁₀₅, 3, 1, 0; 2002 CB₁₀₇, 3, 1, 0; 2002 CL₁₀₉, 4, 1, 0; 2002 CR₁₀₉, 3, 1, 0; 2002 CK₁₁₁, 10, 2, 29; 2002 CQ₁₁₁, 5, 1, 0; 2002 CE₁₁₂, 7, 2, 7; 2002 CG₁₁₂, 12, 3, 7; 2002 CK₁₁₂, 14, 3, 11; 2002 CL₁₁₂, 8, 2, 556; 2002 CN₁₁₂, 4, 1, 0; 2002 CO₁₁₂, 5, 1, 0; 2002 CP₁₁₂, 8, 2, 6; 2002 CW₁₁₂, 5, 1, 0; 2002 CR₁₁₃, 3, 1, 0; 2002 CT₁₁₄, 3, 1, 0; 2002 CR₁₁₆, 4, 1, 0; 2002 CK₁₁₇, 9, 2, 1478; 2002 CP₁₁₇, 10, 2, 27; 2002 CQ₁₁₇, 4, 1, 0; 2002 CV₁₁₇, 3, 1, 0; 2002 CD₁₁₈, 12, 3, 31; 2002 CO₁₁₈, 4, 1, 0; 2002 CR₁₁₈, 18, 4, 1663; 2002 CS₁₁₈, 5, 1, 0; 2002 CU₁₁₈, 4, 1, 0; 2002 CK₁₂₆, 8, 2, 27; 2002 CW₁₂₈, 4, 1, 0; 2002 CD₁₂₉,

13, 3, 28; 2002 CE₁₃₁, 5, 1, 0; 2002 CR₁₃₃, 7, 2, 471; 2002 CU₁₃₃, 8, 2, 976; 2002 CS₁₃₄, 5, 1, 0; 2002 CV₁₃₄, 8, 2, 968; 2002 CX₁₃₄, 18, 4, 531; 2002 CM₁₃₈, 4, 1, 0; 2002 CU₁₄₁, 5, 1, 0; 2002 CY₁₄₁, 3, 1, 0; 2002 CK₁₄₂, 4, 1, 0; 2002 CL₁₄₂, 4, 1, 0; 2002 CC₁₄₅, 3, 1, 0; 2002 CE₁₄₅, 4, 1, 0; 2002 CQ₁₄₆, 8, 2, 493; 2002 CX₁₄₆, 5, 1, 0; 2002 CY₁₄₆, 5, 1, 0; 2002 CB₁₄₇, 4, 1, 0; 2002 CE₁₄₇, 5, 1, 0; 2002 CF₁₄₇, 14, 3, 59; 2002 CD₁₅₂, 3, 1, 0; 2002 CJ₁₅₂, 3, 1, 0; 2002 CX₁₅₃, 9, 2, 19; 2002 CA₁₅₄, 4, 1, 0; 2002 CE₁₅₄, 3, 1, 0; 2002 CT₁₅₆, 15, 4, 924; 2002 CF₁₅₇, 3, 1, 0; 2002 CS₁₅₇, 9, 2, 15; 2002 CB₁₅₉, 4, 1, 0; 2002 CD₁₅₉, 4, 1, 0; 2002 CZ₁₅₉, 3, 1, 0; 2002 CD₁₆₀, 9, 2, 21; 2002 CE₁₆₀, 5, 1, 0; 2002 CJ₁₆₀, 4, 1, 0; 2002 CB₁₆₁, 3, 1, 0; 2002 CL₁₆₁, 3, 1, 0; 2002 CC₁₆₂, 5, 1, 0; 2002 CU₁₆₂, 3, 1, 0; 2002 CX₁₆₂, 3, 1, 0; 2002 CK₁₆₃, 5, 1, 0; 2002 CR₁₆₅, 8, 2, 472; 2002 CE₁₆₈, 8, 2, 866; 2002 CV₁₆₈, 17, 4, 944; 2002 CY₁₆₈, 5, 1, 0; 2002 CG₁₆₉, 10, 2, 510; 2002 CZ₁₇₄, 24, 5, 1559; 2002 CK₁₇₆, 5, 1, 0; 2002 CN₁₇₆, 4, 1, 0; 2002 CU₁₇₆, 5, 1, 0; 2002 CQ₁₇₉, 3, 1, 0; 2002 CJ₁₈₁, 5, 1, 0; 2002 CG₁₈₃, 3, 1, 0; 2002 CY₁₉₇, 3, 1, 0; 2002 CR₁₉₈, 10, 2, 5; 2002 CE₂₁₆, 5, 1, 0; 2002 CH₂₁₆, 3, 1, 0; 2002 CQ₂₁₇, 4, 1, 0; 2002 CJ₂₁₇, 9, 2, 19; 2002 CQ₂₁₈, 4, 1, 0; 2002 CD₂₁₉, 8, 2, 476; 2002 CS₂₂₁, 12, 3, 536; 2002 CL₂₂₄, 4, 1, 0; 2002 CV₂₂₄, 4, 1, 0; 2002 CS₂₂₆, 16, 4, 534; 2002 CZ₂₂₇, 14, 3, 57; 2002 CS₂₂₈, 4, 1, 0; 2002 CT₂₂₈, 9, 2, 501; 2002 CG₂₂₉, 5, 1, 0; 2002 CQ₂₃₀, 25, 6, 1092; 2002 CR₂₃₀, 4, 1, 0; 2002 CB₂₃₂, 3, 1, 0; 2002 CM₂₃₂, 8, 2, 525; 2002 CA₂₃₄, 5, 1, 0; 2002 CG₂₃₄, 32, 7, 1557; 2002 CJ₂₃₄, 12, 3, 32; 2002 CY₂₃₅, 21, 5, 981; 2002 CZ₂₃₅, 18, 4, 535; 2002 CQ₂₃₆, 9, 2, 6; 2002 CR₂₃₆, 18, 3, 4; 2002 CS₂₃₆, 3, 1, 0; 2002 CT₂₃₆, 8, 2, 6; 2002 CU₂₃₆, 15, 3, 999; 2002 CB₂₃₇, 3, 1, 0; 2002 CM₂₃₇, 5, 1, 0; 2002 CU₂₃₇, 45, 11, 948; 2002 CW₂₃₇, 3, 1, 0; 2002 CH₂₃₉, 7, 2, 1004; 2002 CH₂₄₀, 8, 2, 5; 2002 CY₂₄₀, 3, 1, 0; 2002 CZ₂₄₀, 5, 1, 0; 2002 CW₂₄₁, 5, 1, 0; 2002 CC₂₄₂, 5, 1, 0; 2002 CL₂₄₂, 4, 1, 0; 2002 CO₂₄₂, 5, 1, 0; 2002 CF₂₄₃, 4, 1, 0; 2002 CH₂₄₃, 5, 1, 0; 2002 CK₂₄₃, 5, 1, 0; 2002 CB₂₄₄, 9, 2, 1; 2002 CD₂₄₄, 4, 1, 0; 2002 CE₂₄₄, 5, 1, 0; 2002 CF₂₄₄, 4, 1, 0; 2002 CH₂₄₄, 9, 2, 31; 2002 CQ₂₄₄, 9, 2, 31; 2002 CV₂₄₄, 4, 1, 0; 2002 CH₂₄₅, 9, 2, 58; 2002 CQ₂₄₆, 4, 1, 0; 2002 CA₂₄₇, 4, 1, 0; 2002 CX₂₄₇, 5, 1, 0; 2002 CC₂₄₈, 8, 2, 497; 2002 CE₂₄₈, 9, 2, 6; 2002 CL₂₅₁, 3, 1, 0; 2002 CO₂₅₁, 3, 1, 0; 2002 CS₂₅₁, 7, 2, 503; 2002 CH₂₅₂, 23, 6, 1413; 2002 CK₂₅₂, 8, 2, 9; 2002 CM₂₅₂, 4, 1, 0; 2002 CV₂₅₂, 8, 2, 15; 2002 CW₂₅₂, 3, 1, 0; 2002 CB₂₅₃, 9, 2, 472; 2002 CF₂₅₃, 3, 1, 0; 2002 CS₂₅₃, 5, 1, 0; 2002 CU₂₅₃, 5, 1, 0; 2002 CX₂₅₃, 7, 2, 531; 2002 CB₂₅₄, 8, 2, 34; 2002 CJ₂₅₄, 4, 1, 0; 2002 CK₂₅₄, 3, 1, 0; 2002 CX₂₅₄, 5, 1, 0; 2002 CP₂₅₅, 11, 3, 471; 2002 CY₂₅₅, 3, 1, 0; 2002 CZ₂₅₅, 9, 2, 11; 2002 CB₂₅₆, 8, 2, 58; 2002 CD₂₅₆, 5, 1, 0; 2002 CK₂₅₆, 6, 2, 44; 2002 CD₂₅₇, 5, 1, 0; 2002 CF₂₅₈, 8, 2, 54; 2002 CR₂₅₈, 12, 3, 58; 2002 CS₂₅₈, 4, 1, 0; 2002 CE₂₅₉, 10, 2, 65; 2002 CG₂₅₉, 5, 1, 0; 2002 CK₂₅₉, 13, 3, 85; 2002 CS₂₅₉, 4, 1, 0; 2002 CT₂₅₉, 4, 1, 0; 2002 CJ₂₆₁, 8, 2, 446; 2002 CK₂₆₁, 8, 2, 58; 2002 CP₂₆₁, 3, 1, 0; 2002 CR₂₆₁, 4, 1, 0; 2002 CW₂₆₁, 4, 1, 0; 2002 CY₂₆₁, 7, 2, 8; 2002 CG₂₆₃, 5, 1, 0; 2002 CB₂₆₃, 20, 5, 116; 2002 CJ₂₆₃, 24, 6, 1504; 2002 CM₂₆₃, 8, 2, 21; 2002 CN₂₆₃, 11, 3, 12; 2002 CH₂₆₄, 3, 1, 0; 2002 CA₂₆₅, 15, 3, 6; 2002 CM₂₆₅, 15, 3, 95; 2002 CY₂₆₇, 13, 3, 45; 2002 CA₂₆₈, 7, 2, 32; 2002 CB₂₆₈, 4, 1, 0; 2002 CN₂₆₈, 8, 2, 15; 2002 CD₂₇₂, 7, 2, 400; 2002 CE₂₇₂, 9, 2, 57; 2002 CH₂₇₂, 8, 2, 42; 2002 CO₂₇₂, 3, 1, 0; 2002 CR₂₇₂, 8, 2, 14; 2002 CT₂₇₂, 4, 1, 0; 2002 CX₂₇₂, 8, 2, 61; 2002 CY₂₇₂, 14, 2, 97; 2002 CD₂₇₃, 13, 3, 97; 2002 CB₂₇₄, 4, 1, 0; 2002 CF₂₇₄, 10, 3, 41; 2002 CY₂₇₄, 11, 3, 411; 2002 CG₂₇₅, 5, 1, 0; 2002 CU₂₇₅, 12, 3, 88; 2002 CF₂₇₆, 3, 1, 0; 2002 CV₂₇₇, 3, 1, 0; 2002 CD₂₇₉, 4, 1, 0; 2002 CR₂₇₉, 12, 3, 54; 2002 CO₂₈₀, 26, 7, 934; 2002 CK₂₈₁, 4, 1, 0; 2002 CV₂₈₁, 11, 3, 53; 2002 CO₂₈₂, 3, 1, 0; 2002 CT₂₈₂, 9, 2, 53; 2002 CZ₂₈₂, 7, 2, 65; 2002 CE₂₈₃, 8, 2, 21; 2002 CO₂₈₃, 5, 1, 0; 2002 CQ₂₈₃, 3, 1, 0; 2002 CN

4, 1, 0; 2002 EF₂₅, 3, 1, 0; 2002 EV₂₅, 3, 1, 0; 2002 EB₂₆, 4, 1, 0; 2002 EJ₂₆, 3, 1, 0; 2002 EP₂₆, 4, 1, 0; 2002 EW₂₈, 4, 1, 0; 2002 EK₂₉, 9, 2, 4; 2002 ET₂₉, 3, 1, 0; 2002 EC₃₀, 5, 1, 0; 2002 EU₃₀, 16, 4, 947; 2002 EX₃₀, 10, 2, 68; 2002 EZ₃₀, 8, 2, 964; 2002 EF₃₁, 12, 3, 10; 2002 EX₃₁, 8, 2, 504; 2002 EF₃₃, 10, 2, 1271; 2002 EA₃₄, 3, 1, 0; 2002 EJ₃₅, 3, 1, 0; 2002 EF₃₉, 15, 3, 13; 2002 EG₄₀, 11, 3, 565; 2002 EM₄₀, 8, 2, 3; 2002 ES₄₀, 4, 1, 0; 2002 EA₄₁, 5, 1, 0; 2002 EF₄₁, 5, 1, 0; 2002 EK₄₁, 12, 3, 900; 2002 EN₄₁, 3, 1, 0; 2002 ET₄₁, 10, 2, 9; 2002 EY₄₂, 5, 1, 0; 2002 EE₄₃, 5, 1, 0; 2002 EA₄₅, 5, 1, 0; 2002 EH₄₅, 3, 1, 0; 2002 EM₄₅, 3, 1, 0; 2002 EF₄₅, 3, 1, 0; 2002 EU₄₅, 4, 1, 0; 2002 EQ₄₆, 4, 1, 0; 2002 ER₄₆, 4, 1, 0; 2002 EO₄₈, 6, 2, 1838; 2002 EQ₅₁, 4, 1, 0; 2002 EU₅₂, 4, 1, 0; 2002 EQ₅₃, 4, 1, 0; 2002 ES₅₄, 14, 3, 1035; 2002 EB₅₅, 3, 1, 0; 2002 EU₅₅, 17, 4, 897; 2002 EW₅₈, 9, 2, 60; 2002 EC₅₉, 3, 1, 0; 2002 EL₅₉, 5, 1, 0; 2002 EL₆₀, 4, 1, 0; 2002 EB₆₃, 13, 3, 30; 2002 EL₆₃, 3, 1, 0; 2002 EE₆₄, 4, 1, 0; 2002 EP₆₄, 5, 1, 0; 2002 ER₆₄, 5, 1, 0; 2002 EN₆₅, 4, 1, 0; 2002 EU₆₅, 10, 1, 0; 2002 EX₆₅, 4, 1, 0; 2002 EC₆₆, 5, 1, 0; 2002 EM₆₆, 4, 1, 0; 2002 ED₆₇, 4, 1, 0; 2002 EW₆₇, 10, 2, 2; 2002 EX₆₇, 5, 1, 0; 2002 ED₆₈, 4, 1, 0; 2002 EG₆₈, 10, 2, 4; 2002 EQ₆₈, 10, 1, 0; 2002 EU₆₈, 5, 1, 0; 2002 EV₆₈, 3, 1, 0; 2002 EW₆₈, 5, 1, 0; 2002 ED₆₉, 5, 1, 0; 2002 EN₆₉, 4, 1, 0; 2002 ES₆₉, 5, 1, 0; 2002 ET₆₉, 3, 1, 0; 2002 EV₆₉, 12, 3, 456; 2002 EZ₆₉, 4, 1, 0; 2002 EF₇₀, 5, 1, 0; 2002 EG₇₀, 4, 1, 0; 2002 EK₇₀, 3, 1, 0; 2002 EQ₇₀, 4, 1, 0; 2002 EX₇₀, 5, 1, 0; 2002 EZ₇₀, 3, 1, 0; 2002 EB₇₁, 4, 1, 0; 2002 EF₇₂, 4, 1, 0; 2002 EK₇₂, 7, 2, 946; 2002 EM₇₂, 9, 2, 58; 2002 EO₇₂, 8, 2, 1046; 2002 EV₇₂, 4, 1, 0; 2002 EF₇₃, 8, 2, 40; 2002 EH₇₃, 3, 1, 0; 2002 EK₇₃, 17, 3, 27; 2002 EM₇₃, 9, 2, 448; 2002 EW₇₃, 4, 1, 0; 2002 EC₇₄, 10, 2, 953; 2002 ED₇₄, 14, 3, 1004; 2002 EF₇₄, 9, 2, 1422; 2002 EJ₇₄, 9, 2, 418; 2002 EM₇₄, 5, 1, 0; 2002 EN₇₄, 3, 1, 0; 2002 EQ₇₄, 7, 2, 494; 2002 ER₇₄, 13, 3, 78; 2002 ES₇₄, 4, 1, 0; 2002 EW₇₄, 3, 1, 0; 2002 EY₇₄, 8, 1, 0; 2002 EA₇₆, 3, 1, 0; 2002 EY₇₆, 5, 1, 0; 2002 EF₇₈, 9, 1, 0; 2002 EL₇₈, 5, 3, 78; 2002 ES₇₈, 10, 2, 28; 2002 EE₇₉, 5, 1, 0; 2002 EG₇₉, 8, 2, 4; 2002 EN₇₉, 10, 2, 1503; 2002 EO₇₉, 8, 2, 1451; 2002 EX₇₉, 3, 1, 0; 2002 ES₈₀, 9, 2, 977; 2002 EM₈₁, 5, 1, 0; 2002 EK₈₂, 7, 2, 25; 2002 ES₈₃, 4, 1, 0; 2002 EU₈₃, 4, 1, 0; 2002 EW₈₃, 3, 1, 0; 2002 EK₈₅, 7, 2, 2; 2002 EC₈₆, 5, 1, 0; 2002 ED₈₆, 4, 1, 0; 2002 EH₈₆, 5, 1, 0; 2002 EJ₈₆, 14, 3, 27; 2002 EN₈₆, 3, 1, 0; 2002 EO₈₆, 3, 1, 0; 2002 EU₈₆, 4, 1, 0; 2002 EB₈₇, 5, 1, 0; 2002 ED₈₇, 4, 1, 0; 2002 EE₈₇, 12, 3, 5; 2002 EF₈₇, 38, 8, 1001; 2002 EH₈₇, 9, 2, 556; 2002 EL₈₇, 5, 1, 0; 2002 EU₈₇, 5, 1, 0; 2002 EW₈₇, 13, 3, 65; 2002 EG₈₈, 5, 1, 0; 2002 EH₈₈, 5, 1, 0; 2002 EQ₈₈, 20, 4, 917; 2002 ES₈₈, 9, 2, 1037; 2002 ET₈₈, 5, 1, 0; 2002 EV₈₈, 5, 1, 0; 2002 EX₈₈, 4, 1, 0; 2002 ES₈₉, 3, 1, 0; 2002 EO₉₀, 3, 1, 0; 2002 EW₉₀, 4, 1, 0; 2002 EZ₉₀, 5, 1, 0; 2002 EA₉₁, 4, 1, 0; 2002 EO₉₁, 16, 4, 116; 2002 ES₉₁, 12, 3, 1473; 2002 EH₉₂, 13, 3, 4; 2002 EJ₉₂, 12, 3, 5; 2002 EN₉₂, 5, 1, 0; 2002 EA₉₄, 4, 1, 0; 2002 ET₉₅, 4, 1, 0; 2002 EF₉₆, 37, 8, 67; 2002 ED₉₇, 3, 1, 0; 2002 EF₉₇, 17, 4, 56; 2002 EG₉₇, 13, 3, 83; 2002 EK₉₇, 17, 4, 948; 2002 EZ₉₇, 5, 1, 0; 2002 EC₉₈, 5, 1, 0; 2002 EE₉₈, 18, 4, 149; 2002 EL₉₈, 4, 1, 0; 2002 EM₉₈, 13, 3, 92; 2002 EY₉₈, 5, 1, 0; 2002 EC₉₉, 3, 1, 0; 2002 EE₉₉, 16, 4, 1561; 2002 EG₉₉, 3, 1, 0; 2002 EH₉₉, 15, 3, 70; 2002 EJ₉₉, 9, 2, 10; 2002 EK₉₉, 15, 3, 29; 2002 EL₉₉, 5, 1, 0; 2002 EN₉₉, 9, 2, 1; 2002 EV₉₉, 13, 3, 29; 2002 EW₉₉, 9, 1, 0; 2002 EE₁₀₀, 15, 3, 53; 2002 EF₁₀₀, 14, 4, 63; 2002 EN₁₀₀, 5, 1, 0; 2002 ET₁₀₀, 4, 1, 0; 2002 EU₁₀₀, 10, 2, 67; 2002 EX₁₀₀, 5, 1, 0; 2002 EZ₁₀₀, 5, 1, 0; 2002 EA₁₀₁, 3, 1, 0; 2002 EB₁₀₁, 4, 1, 0; 2002 ED₁₀₁, 4, 1, 0; 2002 EE₁₀₁, 9, 2, 30; 2002 EP₁₀₁, 31, 7, 144; 2002 EY₁₀₁, 4, 1, 0; 2002 EG₁₀₂, 14, 3, 85; 2002 EH₁₀₂, 13, 3, 84; 2002 EF₁₀₂, 4, 1, 0; 2002 EG₁₀₂, 4, 1, 0; 2002 EQ₁₀₂, 4, 1, 0; 2002 EK₁₀₃, 8, 2, 28; 2002 EN₁₀₃, 4, 1, 0; 2002 EV₁₀₃, 5, 1, 0; 2002 EY₁₀₃, 16, 4, 116; 2002 EZ₁₀₃, 6, 2, 84; 2002 EC₁₀₄, 12, 3, 55; 2002 ED₁₀₄, 9, 2, 67; 2002 EF₁₀₄, 8, 2, 67; 2002 EG₁₀₄, 5, 1, 0; 2002 EH₁₀₄, 17, 4, 64; 2002 EK₁₀₄, 9, 2, 27; 2002 EQ₁₀₄, 15, 3, 6; 2002 ER₁₀₄, 4, 1, 0; 2002 EV₁₀₄, 4, 1, 0; 2002 EA₁₀₅, 4, 1, 0; 2002 EK₁₀₅, 8, 2, 28; 2002 EL₁₀₅, 10, 2, 65; 2002 EP₁₀₅, 10, 2, 27; 2002 EQ₁₀₅, 11, 2, 2; 2002 EU₁₀₅, 10, 2, 65; 2002 EW₁₀₅, 12, 3, 67; 2002 EZ₁₀₅, 9, 2, 27; 2002 EA₁₀₆, 8, 2, 27; 2002 EB₁₀₆, 9, 1, 0; 2002 EF₁₀₆, 3, 1, 0; 2002 EG₁₀₆, 4, 1, 0; 2002 EH₁₀₆, 5, 1, 0; 2002 EM₁₀₆, 8, 2, 5; 2002 EO₁₀₆, 3, 1, 0; 2002 EQ₁₀₆, 5, 1, 0; 2002 ER₁₀₆, 3, 1, 0; 2002 ET₁₀₆, 3, 1, 0; 2002 EB₁₀₇, 5, 1, 0; 2002 EH₁₀₇, 9, 2, 65; 2002 EL₁₀₇, 6, 2, 66; 2002 EN₁₀₇, 5, 1, 0; 2002 EX₁₀₇, 5, 1, 0; 2002 EY₁₀₇, 9, 2, 34; 2002 EH₁₀₈, 7, 2, 10; 2002 EP₁₀₈, 3, 1, 0; 2002 EV₁₀₈, 8, 2, 40; 2002 EY₁₀₈, 5, 1, 0; 2002 ET₁₀₉, 8, 2, 38; 2002 EF₁₁₀, 11, 3, 55; 2002 EJ₁₁₀, 17, 4, 1425; 2002 EM₁₁₀, 5, 1, 0; 2002 EO₁₁₀, 8, 2, 5; 2002 EQ₁₁₀, 4, 1, 0; 2002 ES₁₁₀, 6, 2, 22; 2002 ET₁₁₀, 4, 1, 0; 2002 EU₁₁₀, 4, 1, 0; 2002 EV₁₁₀, 5, 1, 0; 2002 EX₁₁₀, 8, 2, 68; 2002 EA₁₁₁, 8, 2, 5; 2002 EE₁₁₁, 7, 2, 65; 2002 EG₁₁₁, 7, 2, 5; 2002 EJ₁₁₁, 5, 1, 0; 2002 EK₁₁₁, 41, 9, 551; 2002 EL₁₁₁, 5, 1, 0; 2002 EM₁₁₁, 4, 1, 0; 2002 EN₁₁₁, 29, 7, 969; 2002 EQ₁₁₁, 19, 5, 921; 2002 ER₁₁₁, 13, 3, 48; 2002 ET₁₁₁, 13, 3, 31; 2002 EV₁₁₁, 3, 1, 0; 2002 EE₁₁₂, 14, 3, 1456; 2002 EF₁₁₂, 27, 6, 533; 2002 EG₁₁₂, 9, 2, 966; 2002 EO₁₁₂, 3, 1, 0; 2002 EB₁₁₃, 5, 1, 0; 2002 EP₁₁₃, 5, 1, 0; 2002 ER₁₁₄, 3, 1, 0; 2002 EK₁₁₄, 26, 6, 503; 2002 EY₁₁₄, 5, 1, 0; 2002 EA₁₁₅, 5, 1, 0; 2002 EB₁₁₅, 23, 5, 121; 2002 EC₁₁₅, 9, 2, 5; 2002 ED₁₁₅, 13, 3, 467; 2002 EE₁₁₅, 10, 2, 1; 2002 EG₁₁₅, 5, 1, 0; 2002 EM₁₁₅, 11, 3, 62; 2002 EO₁₁₅, 18, 4, 48; 2002 EP₁₁₅, 13, 3, 3; 2002 ER₁₁₅, 8, 2, 5; 2002 ES₁₁₅, 12, 3, 27; 2002 ET₁₁₅, 5, 1, 0; 2002 EU₁₁₅, 5, 1, 0; 2002 EX₁₁₅, 8, 2, 10; 2002 EY₁₁₅, 19, 5, 40; 2002 EZ₁₁₅, 11, 3, 27; 2002 EQ₁₁₇, 5, 1, 0; 2002 ER₁₁₇, 4, 1, 0; 2002 EH₁₁₉, 3, 1, 0; 2002 ED₁₂₀, 5, 1, 0; 2002 EE₁₂₁, 7, 2, 4; 2002 EF₁₂₁, 3, 1, 0; 2002 EK₁₂₁, 5, 1, 0; 2002 EL₁₂₁, 25, 6, 1484; 2002 EM₁₂₁, 13, 3, 29; 2002 EN₁₂₁, 17, 4, 22; 2002 EO₁₂₁, 4, 1, 0; 2002 EW₁₂₁, 8, 2, 9; 2002 EQ₁₂₂, 4, 1, 0; 2002 ER₁₂₂, 7, 2, 56; 2002 ET₁₂₂, 8, 2, 2; 2002 EF₁₂₃, 3, 1, 0; 2002 EF₁₂₄, 3, 1, 0; 2002 EU₁₂₄, 8, 2, 5; 2002 EA₁₂₅, 4, 1, 0; 2002 EO₁₂₅, 3, 1, 0; 2002 EV₁₂₅, 5, 1, 0; 2002 EH₁₂₆, 3, 1, 0; 2002 EO₁₂₆, 4, 1, 0; 2002 EU₁₂₆, 3, 1, 0; 2002 EP₁₂₇, 8, 2, 2; 2002 EQ₁₂₇, 5, 1, 0; 2002 ES₁₂₇, 4, 1, 0; 2002 ET₁₂₇, 4, 1, 0;

2002 EU₁₂₇, 4, 1, 0; 2002 EE₁₂₈, 10, 2, 10; 2002 EJ₁₂₈, 5, 1, 0; 2002 EN₁₂₈, 9, 2, 10; 2002 ES₁₂₈, 3, 1, 0; 2002 EY₁₂₈, 4, 1, 0; 2002 ED₁₂₉, 12, 3, 4; 2002 EE₁₂₉, 10, 3, 1423; 2002 EH₁₂₉, 11, 2, 2; 2002 EJ₁₂₉, 7, 2, 4; 2002 EL₁₂₉, 9, 2, 22; 2002 EM₁₂₉, 17, 4, 22; 2002 EN₁₂₉, 12, 3, 27; 2002 EU₁₂₉, 7, 2, 2; 2002 EX₁₂₉, 9, 2, 20; 2002 EZ₁₂₉, 17, 4, 62; 2002 EE₁₃₀, 7, 2, 26; 2002 EM₁₃₀, 5, 1, 0; 2002 EO₁₃₀, 5, 1, 0; 2002 EH₁₃₁, 8, 2, 9; 2002 EF₁₃₃, 12, 3, 4; 2002 EG₁₃₃, 14, 3, 62; 2002 EM₁₃₃, 5, 1, 0; 2002 EH₁₃₄, 14, 3, 537; 2002 EV₁₃₄, 9, 2, 2; 2002 ED₁₃₅, 10, 3, 4; 2002 EE₁₃₅, 8, 2, 4; 2002 EF₁₃₅, 3, 1, 0; 2002 EJ₁₃₅, 3, 1, 0; 2002 EQ₁₃₅, 3, 1, 0; 2002 ES₁₃₅, 3, 1, 0; 2002 EV₁₃₅, 8, 2, 2; 2002 ET₁₃₆, 3, 1, 0; 2002 EK₁₃₇, 3, 1, 0; 2002 EZ₁₃₈, 12, 3, 64; 2002 EA₁₃₉, 4, 1, 0; 2002 ES₁₃₉, 5, 1, 0; 2002 EV₁₃₉, 5, 1, 0; 2002 ES₁₄₀, 7, 2, 10; 2002 ED₁₄₁, 4, 1, 0; 2002 EN₁₄₁, 9, 2, 8; 2002 EU₁₄₁, 9, 2, 8; 2002 EL₁₄₂, 6, 2, 402; 2002 EQ₁₄₂, 16, 4, 472; 2002 EF₁₄₃, 9, 3, 13; 2002 EG₁₄₃, 4, 1, 0; 2002 ER₁₄₃, 5, 1, 0; 2002 EZ₁₄₃, 3, 1, 0; 2002 EN₁₄₄, 4, 1, 0; 2002 EX₁₄₄, 10, 2, 81; 2002 EB₁₄₅, 8, 2, 2; 2002 EJ₁₄₅, 12, 3, 4; 2002 EK₁₄₅, 19, 4, 6; 2002 EL₁₄₅, 12, 3, 4; 2002 EO₁₄₅, 8, 2, 7; 2002 EP₁₄₅, 17, 4, 22; 2002 ES₁₄₅, 5, 1, 0; 2002 EL₁₄₆, 4, 1, 0; 2002 EO₁₄₆, 4, 1, 0; 2002 EP₁₄₆, 3, 1, 0; 2002 EE₁₄₆, 5, 1, 0; 2002 EV₁₄₆, 9, 2, 2; 2002 EX₁₄₆, 3, 1, 0; 2002 EA₁₄₇, 9, 2, 2; 2002 EG₁₄₇, 4, 1, 0; 2002 ER₁₄₇, 3, 1, 0; 2002 ES₁₄₇, 3, 1, 0; 2002 EJ₁₄₇, 4, 1, 0; 2002 ER₁₄₈, 3, 1, 0; 2002 EU₁₅₀, 4, 1, 0; 2002 EV₁₅₀, 9, 2, 64; 2002 ED₁₅₁, 8, 2; 2002 EG₁₅₁, 3, 1, 0; 2002 EM₁₅₁, 7, 2, 2; 2002 EN₁₅₁, 12, 3, 69; 2002 EF₁₅₁, 9, 2, 2; 2002 ET₁₅₁, 14, 3, 4; 2002 EV₁₅₁, 16, 4, 53; 2002 EW₁₅₁, 12, 3, 1360; 2002 EX₁₅₁, 8, 2, 2; 2002 ED₁₅₂, 5, 1, 0; 2002 EK₁₅₂, 7, 2, 34; 2002 EN₁₅₂, 7, 2, 4; 2002 EP₁₅₂, 10, 2, 2; 2002 EZ₁₅₂, 15, 3, 4; 2002 EZ₁₅₂, 19, 5, 444; 2002 EB₁₅₃, 19, 5, 1471; 2002 EC₁₅₃, 9, 2, 22; 2002 EG₁₅₃, 8, 2, 522; 2002 EH₁₅₃, 5, 2, 1825; 2002 EJ₁₅₃, 16, 3, 55; 2002 EL₁₅₃, 17, 4, 443; 2002 EM₁₅₃, 5, 1, 0; 2002 EN₁₅₃, 5, 1, 0; 2002 EO₁₅₃, 17, 4, 481; 2002 FL₄, 1, 0; 2002 FJ₁, 32, 7, 1098; 2002 FC₂, 14, 1, 0; 2002 FF₂, 3, 1, 0; 2002 FJ₂, 6, 2, 1; 2002 FQ₂, 11, 3, 1006; 2002 FS₂, 3, 1, 0; 2002 FY₂, 10, 1, 0; 2002 FH₃, 3, 1, 0; 2002 FO₃, 17, 4, 975; 2002 FV₃, 4, 1, 0; 2002 FK₄, 9, 3, 5; 2002 FO₄, 8, 2, 613; 2002 FA₅, 4, 1, 0; 2002 FH₅, 15, 3, 11; 2002 FJ₅, 5, 1, 0; 2002 FN₅, 4, 1, 0; 2002 FX₅, 3, 1, 0; 2002 FC₆, 5, 1, 0; 2002 FK₆, 5, 1, 0; 2002 FN₇, 13, 3, 6; 2002 FZ₇, 3, 1, 0; 2002 FN₈, 4, 1, 0; 2002 FQ₈, 9, 2, 918; 2002 FR₈, 4, 1, 0; 2002 FN₉, 4, 1, 0; 2002 FZ₉, 9, 2, 983; 2002 FG₁₀, 9, 2, 1506; 2002 FH₁₀, 8, 2, 4; 2002 FL₁₀, 4, 1, 0; 2002 FP₁₀, 3, 1, 0; 2002 FQ₁₀, 4, 1, 0; 2002 FS₁₀, 21, 5, 523; 2002 FD₁₁, 4, 1, 0; 2002 FE₁₁, 17, 4, 1480; 2002 FF₁₁, 8, 2, 5; 2002 FK₁₁, 3, 1, 0; 2002 FL₁₁, 4, 1, 0; 2002 FQ₁₁, 4, 1, 0; 2002 FR₁₁, 3, 1, 0; 2002 FS₁₁, 8, 2, 451; 2002 FT₁₁, 5, 1, 0; 2002 FW₁₁, 11, 3, 1002; 2002 FF₁₂, 5, 1, 0; 2002 FG₁₂, 4, 1, 0; 2002 FO₁₂, 5, 1, 0; 2002 FQ₁₂, 5, 1, 0; 2002 FR₁₂, 4, 1, 0; 2002 FV₁₂, 13, 3, 6; 2002 FY₁₂, 5, 1, 0; 2002 FZ₁₂, 11, 3, 39; 2002 FA₁₃, 21, 5, 1863; 2002 FB₁₃, 12, 3, 1485; 2002 FE₁₃, 10, 2, 7; 2002 FF₁₃, 10, 2, 7; 2002 FG₁₃, 13, 3, 7; 2002 FH₁₃, 19, 3, 1506; 2002 FJ₁₃, 25, 6, 1501; 2002 FL₁₃, 5, 1, 0; 2002 FO₁₃, 9, 2, 4; 2002 FP₁₃, 14, 3, 26; 2002 FQ₁₃, 20, 4, 85; 2002 FR₁₃, 17, 4, 854; 2002 FT₁₃, 11, 3, 10; 2002 FU₁₃, 8, 2, 16; 2002 FV₁₃, 11, 3, 452; 2002 FW₁₃, 8, 2, 5; 2002 FX₁₃, 3, 1, 0; 2002 FA₁₄, 5, 1, 0; 2002 FO₁₄, 9, 2, 26; 2002 FP₁₄, 10, 2, 7; 2002 FQ₁₄, 9, 2, 7; 2002 FS₁₄, 10, 2, 507; 2002 FV₁₄, 18, 4, 1499; 2002 FW₁₄, 10, 2, 7; 2002 FX₁₄, 19, 5, 488; 2002 FY₁₄, 12, 3, 66; 2002 FZ₁₄, 12, 3, 907; 2002 FA₁₅, 8, 2, 61; 2002 FB₁₅, 8, 2, 2; 2002 FC₁₅, 13, 3, 56; 2002 FD₁₅, 13, 3, 97; 2002 FE₁₅, 19, 4, 125; 2002 FH₁₅, 26, 5, 1458; 2002 FL₁₅, 16, 4, 502; 2002 FN₁₅, 8, 2, 30; 2002 FP₁₅, 4, 1, 0; 2002 FZ₁₅, 7, 2, 26; 2002 FA₁₆, 5, 1, 0; 2002 FE₁₆, 4, 1, 0; 2002 FF₁₆, 9, 2, 2; 2002 FG₁₆, 7, 2, 29; 2002 FH₁₆, 10, 2, 7; 2002 FJ₁₆, 13, 3, 30; 2002 FK₁₆, 17, 3, 26; 2002 FL₁₆, 5, 1, 0; 2002 FP₁₆, 13, 3, 75; 2002 FQ₁₆, 5, 1, 0; 2002 FR₁₆, 4, 1, 0; 2002 FS₁₆, 15, 4, 1502; 2002 FV₁₆, 8

2, 920; 2002 FE₃₃, 13, 3, 948; 2002 FF₃₃, 21, 4, 1446; 2002 FG₃₃, 15, 3, 1338; 2002 FJ₃₃, 7, 2, 67; 2002 FM₃₃, 10, 2, 65; 2002 FN₃₃, 24, 6, 582; 2002 FO₃₃, 9, 2, 67; 2002 FQ₃₃, 10, 3, 27; 2002 FS₃₃, 4, 1, 0; 2002 FU₃₃, 16, 4, 32; 2002 FV₃₃, 22, 6, 1037; 2002 FX₃₃, 30, 7, 936; 2002 FY₃₃, 14, 2, 4; 2002 FZ₃₃, 4, 1, 0; 2002 FB₃₄, 5, 1, 0; 2002 FC₃₄, 10, 2, 36; 2002 FD₃₄, 15, 3, 35; 2002 FE₃₄, 4, 1, 0; 2002 FF₃₄, 14, 3, 35; 2002 FK₃₄, 19, 4, 1503; 2002 FL₃₄, 17, 4, 59; 2002 FM₃₄, 27, 6, 1412; 2002 FN₃₄, 3, 1, 0; 2002 FO₃₄, 10, 2, 2; 2002 FP₃₄, 32, 8, 1856; 2002 FQ₃₄, 26, 5, 943; 2002 FS₃₄, 19, 5, 915; 2002 FT₃₄, 9, 2, 31; 2002 FU₃₄, 21, 4, 27; 2002 FV₃₄, 31, 7, 919; 2002 FW₃₄, 6, 2, 5; 2002 FX₃₄, 12, 3, 29; 2002 FY₃₄, 17, 3, 59; 2002 FZ₃₄, 3, 1, 0; 2002 FB₃₅, 13, 3, 31; 2002 FC₃₅, 5, 1, 0; 2002 FD₃₅, 11, 3, 3; 2002 FE₃₅, 12, 3, 54; 2002 FJ₃₅, 3, 1, 0; 2002 FL₃₅, 5, 1, 0; 2002 FM₃₅, 4, 1, 0; 2002 FO₃₅, 14, 1, 0; 2002 FT₃₅, 28, 6, 532; 2002 FF₃₆, 10, 2, 7; 2002 FJ₃₆, 3, 1, 0; 2002 FN₃₆, 8, 2, 1; 2002 FP₃₆, 3, 1, 0; 2002 FR₃₆, 8, 2, 37; 2002 FA₃₇, 10, 2, 4; 2002 FB₃₇, 29, 5, 1034; 2002 FD₃₇, 3, 1, 0; 2002 FE₃₇, 19, 4, 54; 2002 FF₃₇, 17, 4, 62; 2002 FH₃₇, 39, 8, 929; 2002 FJ₃₇, 3, 1, 0; 2002 FL₃₇, 7, 2, 14; 2002 FQ₃₇, 35, 8, 948; 2002 FR₃₇, 5, 1, 0; 2002 FT₃₇, 11, 3, 1426; 2002 FU₃₇, 9, 2, 14; 2002 FV₃₇, 14, 3, 47; 2002 FW₃₇, 3, 1, 0; 2002 FX₃₇, 19, 4, 1424; 2002 FY₃₇, 9, 2, 28; 2002 FB₃₈, 9, 2, 30; 2002 FC₃₈, 10, 2, 1036; 2002 FO₃₈, 7, 2, 30; 2002 FP₃₈, 5, 1, 0; 2002 FV₃₈, 8, 2, 35; 2002 FX₃₈, 13, 3, 73; 2002 FY₃₈, 20, 4, 70; 2002 FA₃₉, 16, 4, 479; 2002 GF₁₀, 2, 29; 2002 GH₅, 1, 0; 2002 GT₁₁, 11, 3, 7; 2002 GH₁, 14, 3, 20; 2002 GO₁, 5, 1, 0; 2002 GV₁, 5, 1, 0; 2002 GW₁, 13, 3, 11; 2002 GQ₂, 9, 2, 18; 2002 GR₂, 5, 1, 0; 2002 GS₂, 5, 1, 0; 2002 GU₂, 5, 1, 0; 2002 GQ₃, 4, 1, 0; 2002 GN₄, 4, 1, 0; 2002 GR₄, 25, 6, 1062; 2002 GY₄, 12, 3, 56; 2002 GA₅, 4, 1, 0; 2002 GV₅, 4, 1, 0; 2002 GP₆, 4, 1, 0; 2002 GZ₆, 4, 1, 0; 2002 GC₇, 8, 2, 54; 2002 GH₇, 8, 2, 39; 2002 GJ₇, 13, 3, 1386; 2002 GR₇, 4, 1, 0; 2002 GV₇, 9, 2, 511; 2002 GX₇, 4, 1, 0; 2002 GR₈, 13, 3, 937; 2002 GU₈, 5, 1, 0; 2002 GW₈, 7, 1, 0; 2002 GX₈, 10, 2, 7; 2002 GA₁₀, 10, 2, 9; 2002 GC₁₀, 4, 1, 0; 2002 GG₁₀, 5, 1, 0; 2002 GJ₁₀, 3, 1, 0; 2002 GR₁₀, 13, 3, 1304; 2002 GD₁₁, 23, 5, 972; 2002 GF₁₁, 8, 2, 10; 2002 GG₁₁, 7, 2, 31; 2002 GO₁₁, 12, 3, 6; 2002 GQ₁₁, 14, 3, 86; 2002 GS₁₁, 5, 1, 0; 2002 GT₁₁, 4, 1, 0; 2002 GV₁₁, 4, 1, 0; 2002 GJ₁₂, 8, 2, 46; 2002 GL₁₂, 8, 2, 130; 2002 GA₁₃, 4, 1, 0; 2002 GD₁₄, 4, 1, 0; 2002 GE₁₄, 3, 1, 0; 2002 GL₁₄, 5, 1, 0; 2002 GP₁₄, 12, 3, 1446; 2002 GR₁₄, 3, 1, 0; 2002 GZ₁₄, 4, 1, 0; 2002 GK₁₅, 2, 5, 1, 0; 2002 GX₁₅, 13, 3, 1418; 2002 GK₁₆, 4, 1, 0; 2002 GN₁₆, 10, 2, 1005; 2002 GW₁₆, 13, 3, 44; 2002 GX₁₆, 8, 2, 77; 2002 GC₁₇, 4, 1, 0; 2002 GM₁₇, 19, 4, 7; 2002 GO₁₇, 5, 1, 0; 2002 GR₁₇, 7, 2, 3; 2002 GV₁₇, 7, 2, 7; 2002 GW₁₇, 19, 4, 983; 2002 GY₁₇, 20, 4, 558; 2002 GZ₁₇, 4, 1, 0; 2002 GA₁₈, 5, 1, 0; 2002 GB₁₈, 14, 3, 16; 2002 GC₁₈, 15, 4, 1512; 2002 GD₁₈, 17, 4, 6; 2002 GF₁₈, 3, 1, 0; 2002 GP₁₈, 10, 2, 2; 2002 GQ₁₈, 3, 1, 0; 2002 GS₁₈, 8, 2, 4; 2002 GU₁₈, 13, 3, 878; 2002 GX₁₈, 4, 1, 0; 2002 GZ₁₈, 10, 2, 4; 2002 GN₁₉, 14, 3, 588; 2002 GP₁₉, 21, 5, 957; 2002 GS₁₉, 20, 5, 521; 2002 GT₁₉, 11, 3, 21; 2002 GZ₁₉, 3, 1, 0; 2002 GA₂₀, 4, 1, 0; 2002 GE₂₀, 3, 1, 0; 2002 GG₂₀, 3, 1, 0; 2002 GH₂₀, 5, 1, 0; 2002 GK₂₀, 4, 1, 0; 2002 GL₂₀, 4, 1, 0; 2002 GM₂₀, 20, 5, 1479; 2002 GN₂₀, 17, 4, 1090; 2002 GP₂₀, 20, 5, 7; 2002 GR₂₀, 3, 1, 0; 2002 GS₂₀, 4, 1, 0; 2002 GX₂₀, 5, 1, 0; 2002 GY₂₀, 4, 1, 0; 2002 GZ₂₀, 4, 1, 0; 2002 GB₂₁, 34, 5, 1521; 2002 GD₂₁, 5, 1, 0; 2002 GE₂₁, 18, 5, 64; 2002 GF₂₁, 7, 2, 951; 2002 GG₂₁, 5, 1, 0; 2002 GH₂₁, 15, 4, 473; 2002 GJ₂₁, 5, 1, 0; 2002 GL₂₁, 7, 2, 25; 2002 GM₂₁, 3, 1, 0; 2002 GR₂₁, 10, 2, 1; 2002 GS₂₁, 4, 1, 0; 2002 GT₂₁, 9, 2, 1071; 2002 GU₂₁, 13, 3, 504; 2002 GV₂₁, 4, 1, 0; 2002 GW₂₁, 9, 2, 1; 2002 GX₂₁, 5, 1, 0; 2002 GY₂₁, 10, 3, 1448; 2002 GZ₂₁, 15, 4, 1554; 2002 GC₂₂, 5, 1, 0; 2002 GP₂₂, 20, 5, 1562; 2002 GQ₂₂, 4, 1, 0; 2002 GR₂₂, 21, 5, 1477; 2002 GU₂₂, 16, 4, 57; 2002 GG₂₃, 3, 1, 0; 2002 GH₂₃, 3, 1, 0; 2002 GP₂₃, 4, 1, 0; 2002 GT₂₃, 8, 2, 444; 2002 GW₂₃, 13, 3, 1480; 2002 GX₂₃, 4, 1, 0; 2002 GC₂₄, 4, 1, 0; 2002 GG₂₄, 13, 3, 5; 2002 GP₂₄, 4, 1, 0; 2002 GO₂₅, 15, 4, 109; 2002 GV₂₅, 7, 2, 2; 2002 GW₂₅, 5, 1, 0; 2002 GX₂₆, 27, 6, 93; 2002 GH₂₆, 13, 3, 30; 2002 GL₂₆, 5, 1, 0; 2002 GN₂₆, 15, 3, 31; 2002 GQ₂₆, 4, 1, 0; 2002 GX₂₆, 13, 3, 6; 2002 GC₂₇, 16, 4, 471; 2002 GZ₂₈, 15, 4, 470; 2002 GO₂₉, 4, 1, 0; 2002 GN₃₀, 5, 1, 0; 2002 GF₃₁, 14, 3, 31; 2002 FG₃₃, 12, 3, 1410; 2002 GH₃₃, 14, 3, 1475; 2002 GN₃₃, 4, 1, 0; 2002 GO₃₃, 13, 3, 1045; 2002 GT₃₃, 18, 4, 42; 2002 GU₃₃, 11, 3, 27; 2002 GA₃₄, 17, 3, 65; 2002 GH₃₄, 4, 1, 0; 2002 GJ₃₄, 13, 3, 67; 2002 GK₃₄, 12, 3, 1449; 2002 GO₃₄, 7, 2, 67; 2002 GP₃₄, 14, 4, 513; 2002 GQ₃₄, 4, 1, 0; 2002 GR₃₄, 8, 2, 1338; 2002 GS₃₄, 3, 1, 0; 2002 GU₃₄, 8, 2, 436; 2002 GZ₃₄, 9, 2, 32; 2002 GA₃₅, 25, 6, 915; 2002 GB₃₅, 38, 8, 147; 2002 GD₃₅, 19, 4, 946; 2002 GE₃₅, 10, 2, 27; 2002 GF₃₅, 9, 2, 27; 2002 GG₃₅, 4, 1, 0; 2002 GJ₃₅, 16, 4, 132; 2002 GM₃₅, 5, 2, 1801; 2002 GP₃₅, 8, 2, 2; 2002 GU₃₅, 16, 4, 1214; 2002 GY₃₅, 4, 1, 0; 2002 GR₃₆, 9, 2, 2; 2002 GS₃₆, 11, 3, 500; 2002 GU₃₆, 10, 3, 35; 2002 GV₃₆, 7, 2, 35; 2002 GW₃₆, 3, 1, 0; 2002 GY₃₆, 5, 1, 0; 2002 GA₃₇, 4, 1, 0; 2002 GB₃₇, 4, 1, 0; 2002 GC₃₇, 14, 4, 65; 2002 GD₃₇, 15, 3, 467; 2002 GE₃₇, 8, 2, 5; 2002 GF₃₇, 9, 2, 35; 2002 GG₃₇, 9, 2, 35; 2002 GJ₃₇, 14, 3, 32; 2002 GM₃₇, 7, 2, 2; 2002 GN₃₇, 12, 3, 28; 2002 GP₃₇, 10, 2, 2; 2002 GR₃₇, 3, 1, 0; 2002 GT₃₇, 20, 5, 967; 2002 GU₃₇, 23, 5, 34; 2002 GW₃₇, 10, 2, 27; 2002 GX₃₇, 27, 6, 1032; 2002 GY₃₇, 20, 5, 47; 2002 GA₃₈, 9, 2, 5; 2002 GC₃₈, 27, 6, 1063; 2002 GE₃₈, 10, 2, 31; 2002 GF₃₈, 27, 6, 1489; 2002 GG₃₈, 35, 8, 1241; 2002 GJ₃₈, 11, 3, 4; 2002 GK₃₈, 16, 4, 950; 2002 GN₃₈, 14, 4, 1447; 2002 GP₃₈, 4, 1, 0; 2002 GS₃₈, 20, 5, 1836; 2002 GT₃₈, 14, 3, 28; 2002 GU₃₈, 4, 1, 0; 2002 GV₃₈, 8, 2, 2; 2002 GW₃₈, 11, 3, 96; 2002 GX₃₈, 8, 2, 20; 2002 GZ₃₈, 4, 1, 0; 2002 GA₃₉, 8, 2, 29; 2002 GB₃₉, 21, 5, 1358; 2002 GE₃₉, 9, 2, 56; 2002 GF₃₉, 22, 5, 827; 2002 GP₃₉, 14, 3, 4; 2002 GV₃₉, 28, 5, 34; 2002 GW₃₉, 7, 2, 891; 2002 GC₄₀, 19, 4, 921; 2002 GD₄₀, 30, 7, 1475; 2002 GE₄₀, 15, 4, 532; 2002 GF₄₀, 23, 5, 921; 2002 GM₄₀, 15, 4, 62; 2002 GO₄₀, 8, 2, 32; 2002 GR₄₀, 15, 3, 472; 2002 GS₄₀, 22, 4, 22; 2002 GU₄₀, 9, 2, 2; 2002 GV₄₀, 15, 4, 30; 2002 GZ₄₀, 9, 2, 2; 2002 GB₄₁, 9, 2, 2; 2002 GD₄₁, 11, 3, 29; 2002 GE₄₁, 46, 11, 943; 2002 GG₄₁, 14, 3, 20; 2002 GH₄₁, 12, 3, 22;

2002 GK₄₁, 29, 5, 32; 2002 GL₄₁, 20, 4, 32; 2002 GM₄₁, 5, 1, 0; 2002 GN₄₁, 12, 3, 32; 2002 GO₄₁, 8, 2, 17; 2002 GR₄₁, 15, 4, 25; 2002 GS₄₁, 8, 2, 18; 2002 GV₄₁, 11, 3, 22; 2002 GW₄₁, 8, 2, 2; 2002 GX₄₁, 16, 3, 22; 2002 GY₄₁, 8, 2, 2; 2002 GZ₄₁, 14, 3, 4; 2002 GA₄₂, 14, 3, 4; 2002 GB₄₂, 17, 4, 22; 2002 GC₄₂, 13, 3, 27; 2002 GD₄₂, 9, 1, 0; 2002 GE₄₂, 9, 2, 2; 2002 GF₄₂, 12, 3, 32; 2002 GH₄₂, 4, 1, 0; 2002 GI₄₂, 9, 2, 2; 2002 GL₄₂, 8, 2, 4; 2002 GM₄₂, 22, 5, 59; 2002 GQ₄₂, 15, 3, 32; 2002 GS₄₂, 9, 2, 7; 2002 GU₄₂, 14, 3, 32; 2002 GV₄₂, 13, 3, 1477; 2002 GX₄₂, 13, 3, 481; 2002 GY₄₂, 9, 2, 2; 2002 GE₄₃, 15, 4, 1094; 2002 GG₄₃, 9, 2, 2; 2002 GJ₄₃, 14, 3, 1067; 2002 GO₄₃, 7, 2, 2; 2002 GS₄₃, 16, 4, 967; 2002 GT₄₃, 4, 1, 0; 2002 GU₄₃, 3, 1, 0; 2002 GV₄₃, 4, 1, 0; 2002 GX₄₃, 8, 2, 2; 2002 GY₄₃, 34, 7, 64; 2002 GZ₄₃, 9, 2, 2; 2002 GA₄₄, 9, 2, 5; 2002 GB₄₄, 13, 3, 5; 2002 GC₄₄, 11, 3, 4; 2002 GD₄₄, 14, 4, 31; 2002 GE₄₄, 12, 3, 32; 2002 GF₄₄, 12, 3, 22; 2002 GJ₄₄, 12, 3, 30; 2002 GM₄₄, 17, 3, 22; 2002 GQ₄₄, 8, 2, 17; 2002 GR₄₄, 11, 3, 22; 2002 GT₄₄, 17, 4, 921; 2002 GU₄₄, 28, 5, 49; 2002 GV₄₄, 7, 2, 2; 2002 GX₄₄, 11, 3, 5; 2002 GY₄₄, 13, 3, 31; 2002 GZ₄₄, 12, 3, 32; 2002 GA₄₅, 9, 2, 2; 2002 GB₄₅, 14, 3, 5; 2002 GC₄₅, 9, 2, 2; 2002 GD₄₅, 9, 2, 2; 2002 GF₄₅, 12, 3, 5; 2002 GG₄₅, 13, 3, 31; 2002 GJ₄₅, 21, 5, 34; 2002 GK₄₅, 17, 4, 32; 2002 GL₄₅, 10, 2, 29; 2002 GM₄₅, 12, 3, 5; 2002 GN₄₅, 17, 5, 878; 2002 GO₄₅, 17, 4, 29; 2002 GP₄₅, 30, 7, 1029; 2002 GQ₄₅, 15, 4, 52; 2002 GR₄₅, 24, 6, 538; 2002 GS₄₅, 17, 4, 55; 2002 GT₄₅, 21, 5, 36; 2002 GU₄₅, 17, 4, 32; 2002 GV₄₅, 9, 2, 2; 2002 GW₄₅, 25, 6, 537; 2002 GX₄₅, 14, 3, 5; 2002 GZ₄₅, 16, 4, 32; 2002 GA₄₆, 13, 3, 35; 2002 GB₄₆, 24, 6, 539; 2002 GC₄₆, 59, 12, 1559; 2002 GD₄₆, 5, 1, 0; 2002 GE₄₆, 9, 2, 5; 2002 GF₄₆, 16, 4, 68; 2002 GH₄₆, 23, 5, 65; 2002 GI₄₆, 18, 4, 60; 2002 GN₄₆, 8, 2, 21; 2002 GO₄₆, 14, 3, 26; 2002 GP₄₆, 16, 4, 488; 2002 GR₄₆, 7, 2, 7; 2002 GS₄₆, 8, 2, 7; 2002 GT₄₆, 10, 2, 7; 2002 GX₄₆, 3, 1, 0; 2002 GZ₄₆, 7, 2, 7; 2002 GA₄₇, 9, 2, 438; 2002 GD₄₇, 8, 2, 32; 2002 GN₄₇, 12, 3, 5; 2002 GO₄₇, 9, 2, 2; 2002 GS₄₇, 12, 3, 5; 2002 GT₄₇, 18, 4, 1031; 2002 GV₄₇, 27, 6, 1476; 2002 GW₄₇, 11, 3, 32; 2002 GY₄₇, 7, 2, 2; 2002 GB₄₈, 3, 1, 0; 2002 GE₄₈, 5, 1, 0; 2002 GF₄₈, 4, 1, 0; 2002 GH₄₈, 17, 4, 22; 2002 GJ₄₈, 13, 3, 4; 2002 GK₄₈, 20, 5, 32; 2002 GO₄₈, 17, 5, 499; 2002 GS₄₈, 9, 2, 2; 2002 GT₄₈, 8, 2, 2; 2002 GV₄₈, 7, 2, 2; 2002 GW₄₈, 8, 2, 2; 2002 GX₄₈, 18, 4, 29; 2002 GY₄₈, 9, 2, 2; 2002 GZ₄₈, 8, 2, 2; 2002 GA₄₉, 9, 2, 2; 2002 GB₄₉, 8, 2, 2; 2002 GD₄₉, 25, 6, 1515; 2002 GF₄₉, 9, 2, 2; 2002 GG₄₉, 8, 2, 2; 2002 GH₄₉, 9, 2, 2; 2002 GQ₄₉, 12, 3, 22; 2002 GR₄₉, 13, 3, 895; 2002 GV₄₉, 8, 2, 18; 2002 GZ₄₉, 22, 4, 46; 2002 GB₅₀, 3, 1, 0; 2002 GF₅₀, 8, 2, 890; 2002 GG₅₀, 3, 1, 0; 2002 GL₅₀, 12, 3, 505; 2002 GR₅₀, 15, 4, 1477; 2002 GT₅₀, 18, 4, 32; 2002 GU₅₀, 8, 2, 7; 2002 GV₅₀, 4, 1, 0; 2002 GX₅₀, 10, 3, 53; 2002 GY₅₀, 9, 2, 21; 2002 GA₅₁, 25, 6, 882; 2002 GB₅₁, 10, 2, 7; 2002 GC₅₁, 16, 4, 480; 2002 GD₅₁, 4, 1, 0; 2002 GE₅₁, 21, 5, 59; 2002 GF₅₁, 12, 3, 4; 2002 GG₅₁, 4, 1, 0; 2002 GH₅₁, 11, 3, 4; 2002 GL₅₁, 6, 2, 7; 2002 GO₅₁, 4, 1, 0; 2002 GP₅₁, 10, 2, 7; 2002 GR₅₁, 4, 1, 0; 2002 GT₅₁, 4, 1, 0; 2002 GU₅₁, 4, 1, 0; 2002 GV₅₁, 4, 1, 0; 2002 GA₅₂, 3, 1, 0; 2002 GB₅₂, 8, 2, 2; 2002 GC₅₂, 15, 4, 1507; 2002 GD₅₂, 9, 2, 2; 2002 GE₅₂, 5, 1, 0; 2002 GF₅₂, 6, 2, 7; 2002 GT₅₂, 8, 2, 26; 2002 GV₅₂, 17, 3, 29; 2002 GW₅₂, 3, 1, 0; 2002 GX₅₂, 10, 2, 28; 2002 GY₅₂, 19, 4, 56; 2002 GA₅₃, 5, 1, 0; 2002 GB₅₃, 4, 1, 0; 2002 GK₅₃, 10, 2, 4; 2002 GO₅₃, 11, 3, 55; 2002 GS₅₃, 13, 3, 553; 2002 GT₅₃, 23, 5, 54; 2002 GU₅₃, 15, 3, 29; 2002 GV₅₃, 24, 5, 39; 2002 GW₅₃, 13, 3, 48; 2002 GZ₅₃, 27, 6, 1474; 2002 GA₅₄, 27, 6, 75; 2002 GM₅₄, 19, 4, 24; 2002 GN₅₄, 17, 4, 58; 2002 GO₅₄, 30, 7, 1504; 2002 GP₅₄, 4, 1, 0; 2002 GQ₅₄, 8, 2, 2; 2002 GV₅₄, 7, 2, 4; 2002 GW₅₄, 9, 2, 2; 2002 GX₅₄, 29, 6, 942; 2002 GY₅₄, 9, 3, 4; 2002 GZ₅₄, 23, 4, 49; 2002 GA₅₅, 14, 4, 481; 2002 GB₅₅, 19, 4, 1518; 2002 GC₅₅, 13, 3, 31; 2002 GD₅₅, 30, 7, 1034; 2002 GE₅₅, 10, 2, 21; 2002 GJ₅₅, 4, 1, 0; 2002 GK₅₅, 12, 3, 4; 2002 GM₅₅, 40, 10, 1532; 2002 GN₅₅, 10, 3, 30; 2002 GP₅₅, 5, 1, 0; 2002 GQ₅₅, 10, 2, 441; 2002 GR₅₅, 16, 3, 3; 2002 GS₅₅, 16, 4, 45

5, 1, 0; 2002 GE66, 5, 1, 0; 2002 GF66, 3, 1, 0; 2002 GK66, 13, 3, 34; 2002 GP66, 14, 3, 551; 2002 GT66, 4, 1, 0; 2002 GU66, 9, 2, 5; 2002 GV66, 8, 2, 29; 2002 GW66, 3, 1, 0; 2002 GX66, 13, 3, 46; 2002 GZ66, 11, 3, 29; 2002 GB67, 24, 6, 1483; 2002 GC67, 9, 2, 2; 2002 GD67, 12, 2, 2; 2002 GE67, 9, 2, 2; 2002 GF67, 22, 5, 1504; 2002 GK67, 5, 1, 0; 2002 GO67, 22, 4, 590; 2002 GP67, 11, 2, 2; 2002 GQ67, 13, 2, 2; 2002 GR67, 4, 1, 0; 2002 GU67, 5, 1, 0; 2002 GV67, 9, 2, 21; 2002 GW67, 9, 2, 5; 2002 GZ67, 9, 2, 5; 2002 GB68, 3, 1, 0; 2002 GC68, 18, 4, 56; 2002 GD68, 33, 7, 1392; 2002 GE68, 10, 2, 2; 2002 GF68, 35, 7, 88; 2002 GG68, 39, 8, 88; 2002 GH68, 25, 5, 62; 2002 GJ68, 26, 6, 59; 2002 GK68, 22, 5, 59; 2002 GL68, 15, 4, 473; 2002 GM68, 14, 3, 32; 2002 GN68, 18, 4, 498; 2002 GO68, 44, 10, 1482; 2002 GP68, 23, 6, 528; 2002 GQ68, 21, 5, 60; 2002 GR68, 9, 2, 2; 2002 GS68, 9, 2, 2; 2002 GT68, 10, 2, 5; 2002 GU68, 10, 3, 949; 2002 GV68, 4, 1, 0; 2002 GV69, 8, 2, 21; 2002 GT69, 9, 2, 31; 2002 GV69, 9, 2, 26; 2002 GX69, 10, 3, 27; 2002 GY69, 7, 2, 23; 2002 GZ69, 11, 3, 27; 2002 GB70, 10, 3, 29; 2002 GC70, 8, 2, 1; 2002 GE70, 3, 1, 0; 2002 GF70, 8, 2, 5; 2002 GK70, 5, 1, 0; 2002 GO70, 5, 1, 0; 2002 GP70, 14, 4, 83; 2002 GQ70, 7, 2, 21; 2002 GS70, 4, 1, 0; 2002 GT70, 6, 2, 22; 2002 GV70, 25, 6, 1009; 2002 GW70, 4, 1, 0; 2002 GX70, 14, 3, 26; 2002 GZ70, 8, 2, 441; 2002 GB71, 8, 2, 241; 2002 GC71, 8, 2, 2; 2002 GD71, 12, 3, 25; 2002 GE71, 12, 3, 29; 2002 GF71, 8, 2, 5; 2002 GH71, 39, 8, 1030; 2002 GI71, 27, 6, 1474; 2002 GJ71, 17, 4, 1489; 2002 GK71, 10, 2, 5; 2002 GL71, 3, 1, 0; 2002 GM71, 4, 1, 0; 2002 GN71, 4, 1, 0; 2002 GO71, 7, 2, 32; 2002 GP71, 9, 2, 32; 2002 GQ71, 14, 3, 32; 2002 GR71, 8, 2, 32; 2002 GS71, 7, 2, 32; 2002 GT71, 12, 3, 514; 2002 GU71, 4, 1, 0; 2002 GV71, 2, 2, 32; 2002 GW71, 5, 1, 0; 2002 GX71, 14, 3, 32; 2002 GY71, 8, 2, 32; 2002 GZ71, 7, 2, 32; 2002 GB72, 12, 3, 514; 2002 GC72, 12, 3, 514; 2002 GD72, 4, 1, 0; 2002 GE72, 5, 1, 0; 2002 GF72, 12, 3, 52; 2002 GH72, 4, 1, 0; 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2002 GD₁₆₀ *, 5, 1, 0; 2002 GE₁₆₀ *, 5, 1, 0; 2002 GF₁₆₀ *, 24, 5, 1456; 2002 GH₁₆₀ *, 5, 1, 0; 2002 GI₁₆₀ *, 4, 1, 0; 2002 GJ₁₆₀ *, 7, 2, 2; 2002 GK₁₆₀ *, 13, 4, 945; 2002 GL₁₆₀ *, 3, 1, 0; 2002 GM₁₆₀ *, 4, 1, 0; 2002 GN₁₆₀ *, 5, 1, 0; 2002 GO₁₆₀ *, 4, 1, 0; 2002 GP₁₆₀ *, 5, 1, 0; 2002 GQ₁₆₀ *, 8, 2, 5; 2002 GR₁₆₀ *, 5, 1, 0; 2002 GS₁₆₀ *, 4, 1, 0; 2002 GT₁₆₀ *, 12, 3, 55; 2002 GU₁₆₀ *, 7, 2, 7; 2002 GV₁₆₀ *, 3, 1, 0; 2002 GW₁₆₀ *, 4, 1, 0; 2002 GX₁₆₀ *, 3, 1, 0; 2002 GY₁₆₀ *, 4, 1, 0; 2002 GZ₁₆₀ *, 6, 2, 6; 2002 GA₁₆₁ *, 34, 7, 1090; 2002 GB₁₆₁ *, 10, 2, 27; 2002 GC₁₆₁ *, 12, 3, 48; 2002 GD₁₆₁ *, 16, 4, 54; 2002 GE₁₆₁ *, 33, 6, 877; 2002 GF₁₆₁ *, 5, 1, 0; 2002 GH₁₆₁ *, 24, 4, 1504; 2002 GI₁₆₁ *, 26, 7, 930; 2002 GJ₁₆₁ *, 13, 3, 28; 2002 GK₁₆₁ *, 6, 2, 6; 2002 GL₁₆₁ *, 14, 3, 28; 2002 GM₁₆₁ *, 4, 1, 0; 2002 GN₁₆₁ *, 3, 1, 0; 2002 GO₁₆₁ *, 3, 1, 0; 2002 GP₁₆₁ *, 4, 1, 0; 2002 GQ₁₆₁ *, 3, 1, 0; 2002 GR₁₆₁ *, 4, 1, 0; 2002 GS₁₆₁ *, 4, 1, 0; 2002 GT₁₆₁ *, 4, 1, 0; 2002 GU₁₆₁ *, 5, 1, 0;

2002 GV₁₆₁ *, 3, 1, 0; 2002 GY₁₆₁ *, 4, 1, 0; 2002 GZ₁₆₁ *, 5, 1, 0; 2002 GA₁₆₂ *, 3, 1, 0; 2002 GB₁₆₂ *, 12, 3, 32; 2002 GC₁₆₂ *, 13, 3, 39; 2002 GD₁₆₂ *, 3, 1, 0; 2002 GE₁₆₂ *, 3, 1, 0; 2002 GF₁₆₂ *, 4, 1, 0; 2002 GH₁₆₂ *, 15, 3, 32; 2002 GI₁₆₂ *, 4, 1, 0; 2002 GJ₁₆₂ *, 7, 2, 7; 2002 GK₁₆₂ *, 5, 1, 0; 2002 GL₁₆₂ *, 4, 1, 0; 2002 GM₁₆₂ *, 3, 1, 0; 2002 GN₁₆₂ *, 13, 3, 32; 2002 GO₁₆₂ *, 5, 1, 0; 2002 GP₁₆₂ *, 10, 2, 7; 2002 GQ₁₆₂ *, 5, 1, 0; 2002 GR₁₆₂ *, 5, 1, 0; 2002 GS₁₆₂ *, 3, 1, 0; 2002 GT₁₆₂ *, 9, 2, 20; 2002 GU₁₆₂ *, 5, 1, 0; 2002 GV₁₆₂ *, 5, 1, 0; 2002 GW₁₆₂ *, 5, 1, 0; 2002 GX₁₆₂ *, 10, 2, 20; 2002 GY₁₆₂ *, 4, 1, 0; 2002 GZ₁₆₂ *, 4, 1, 0; 2002 GA₁₆₃ *, 4, 1, 0; 2002 GB₁₆₃ *, 5, 1, 0; 2002 GC₁₆₃ *, 13, 3, 32; 2002 GD₁₆₃ *, 10, 2, 7; 2002 GE₁₆₃ *, 5, 1, 0; 2002 GF₁₆₃ *, 3, 1, 0; 2002 GG₁₆₃ *, 3, 1, 0; 2002 GH₁₆₃ *, 3, 1, 0; 2002 GI₁₆₃ *, 5, 1, 0; 2002 GJ₁₆₃ *, 4, 1, 0; 2002 GK₁₆₃ *, 4, 1, 0; 2002 GL₁₆₃ *, 4, 1, 0; 2002 GM₁₆₃ *, 12, 3, 32; 2002 GN₁₆₃ *, 4, 1, 0; 2002 GO₁₆₃ *, 5, 1, 0; 2002 GQ₁₆₃ *, 5, 1, 0; 2002 GR₁₆₃ *, 5, 1, 0; 2002 GS₁₆₃ *, 4, 1, 0; 2002 GT₁₆₃ *, 5, 1, 0; 2002 GU₁₆₃ *, 5, 1, 0; 2002 GV₁₆₃ *, 4, 1, 0; 2002 GW₁₆₃ *, 5, 1, 0; 2002 GX₁₆₃ *, 5, 1, 0; 2002 GY₁₆₃ *, 4, 1, 0; 2002 GZ₁₆₃ *, 4, 1, 0; 2002 GA₁₆₄ *, 5, 1, 0; 2002 GB₁₆₄ *, 3, 1, 0; 2002 GC₁₆₄ *, 5, 1, 0; 2002 GD₁₆₄ *, 4, 1, 0; 2002 GE₁₆₄ *, 4, 1, 0; 2002 GF₁₆₄ *, 9, 1, 0; 2002 GH₁₆₄ *, 12, 3, 28; 2002 GI₁₆₄ *, 4, 1, 0; 2002 GJ₁₆₄ *, 4, 1, 0; 2002 GK₁₆₄ *, 9, 2, 7; 2002 GL₁₆₄ *, 3, 1, 0; 2002 GM₁₆₄ *, 5, 1, 0; 2002 GN₁₆₄ *, 5, 1, 0; 2002 GO₁₆₄ *, 3, 1, 0; 2002 GP₁₆₄ *, 12, 3, 29; 2002 GQ₁₆₄ *, 3, 1, 0; 2002 GR₁₆₄ *, 7, 2, 23; 2002 GS₁₆₄ *, 4, 1, 0; 2002 GT₁₆₄ *, 13, 3, 39; 2002 GU₁₆₄ *, 4, 1, 0; 2002 GV₁₆₄ *, 3, 1, 0; 2002 GW₁₆₄ *, 4, 1, 0; 2002 GX₁₆₄ *, 3, 1, 0; 2002 GY₁₆₄ *, 6, 2, 26; 2002 GZ₁₆₄ *, 3, 1, 0; 2002 GA₁₆₅ *, 4, 1, 0; 2002 GB₁₆₅ *, 3, 1, 0; 2002 GC₁₆₅ *, 3, 1, 0; 2002 GD₁₆₅ *, 4, 1, 0; 2002 GE₁₆₅ *, 5, 1, 0; 2002 GF₁₆₅ *, 15, 3, 31; 2002 GH₁₆₅ *, 4, 1, 0; 2002 GI₁₆₅ *, 5, 1, 0; 2002 GJ₁₆₅ *, 3, 1, 0; 2002 GK₁₆₅ *, 17, 4, 1485; 2002 GL₁₆₅ *, 4, 1, 0; 2002 GM₁₆₅ *, 4, 1, 0; 2002 GN₁₆₅ *, 3, 1, 0; 2002 GO₁₆₅ *, 6, 2, 32; 2002 GQ₁₆₅ *, 3, 1, 0; 2002 GR₁₆₅ *, 3, 1, 0; 2002 GS₁₆₅ *, 3, 1, 0; 2002 GT₁₆₅ *, 3, 1, 0; 2002 GU₁₆₅ *, 4, 1, 0; 2002 GV₁₆₅ *, 4, 1, 0; 2002 GW₁₆₅ *, 4, 1, 0; 2002 GX₁₆₅ *, 7, 2, 7; 2002 GY₁₆₅ *, 3, 1, 0; 2002 GZ₁₆₅ *, 7, 2, 7; 2002 GA₁₆₆ *, 9, 2, 26; 2002 GB₁₆₆ *, 4, 1, 0; 2002 GC₁₆₆ *, 24, 6, 519; 2002 GD₁₆₆ *, 10, 2, 20; 2002 GE₁₆₆ *, 13, 3, 451; 2002 GF₁₆₆ *, 27, 7, 1453; 2002 GH₁₆₆ *, 14, 3, 1287; 2002 GI₁₆₆ *, 4, 1, 0; 2002 GJ₁₆₆ *, 15, 4, 4; 2002 GK₁₆₆ *, 13, 3, 988; 2002 HL₁₆₆ *, 12, 3, 456; 2002 HM₁₆₆ *, 18, 4, 4; 2002 HO₁₆₆ *, 5, 1, 0; 2002 HU₁₆₆ *, 15, 4, 1000; 2002 HV₁₆₆ *, 3, 1, 0; 2002 HR₁₆₆ *, 2, 5; 2002 HT₁₆₆ *, 17, 4, 7; 2002 HU₁₆₆ *, 12, 3, 5; 2002 HE₁₆₆ *, 5, 1, 0; 2002 HK₁₆₆ *, 4, 1, 0; 2002 HM₁₆₆ *, 9, 1, 0; 2002 HN₁₆₆ *, 5, 1, 0; 2002 HQ₁₆₆ *, 8, 2, 7; 2002 HU₁₆₆ *, 12, 3, 907; 2002 HX₁₆₆ *, 3, 1, 0; 2002 HE₂ *, 5, 1, 0; 2002 HE₃ *, 8, 2, 29; 2002 HU₂ *, 5, 1, 0; 2002 HV₂ *, 5, 1, 0; 2002 HX₂ *, 7, 2, 541; 2002 HE₃ *, 4, 1, 0; 2002 HG₃ *, 3, 1, 0; 2002 HN₃ *, 9, 2, 48; 2002 HO₃ *, 13, 3, 82; 2002 HP₃ *, 8, 2, 27; 2002 HQ₃ *, 3, 1, 0; 2002 HR₃ *, 9, 2, 7; 2002 HS₃ *, 18, 4, 966; 2002 HB₄ *, 26, 5, 621; 2002 HC₄ *, 5, 1, 0; 2002 HD₄ *, 4, 1, 0; 2002 HF₄ *, 4, 1, 0; 2002 HH₄ *, 4, 1, 0; 2002 HJ₄ *, 12, 3, 55; 2002 HL₄ *, 9, 3, 984; 2002 HO₄ *, 16, 4, 6; 2002 HP₄ *, 23, 5, 1538; 2002 HR₄ *, 3, 1, 0; 2002 HW₄ *, 4, 1, 0; 2002 HY₄ *, 14, 3, 7; 2002 HZ₄ *, 15, 3, 7; 2002 HG₅ *, 3, 1, 0; 2002 HH₅ *, 9, 2, 37; 2002 HJ₅ *, 5, 1, 0; 2002 HL₅ *, 29, 7, 1001; 2002 HN₅ *, 9, 2, 6; 2002 HQ₅ *, 5, 1, 0; 2002 HR₅ *, 5, 1, 0; 2002 HC₆ *, 32, 6, 583; 2002 HD₆ *, 9, 2, 1427; 2002 HG₆ *, 4, 1, 0; 2002 HR₆ *, 7, 2, 34; 2002 HV₆ *, 5, 1, 0; 2002 HB₇ *, 3, 1, 0; 2002 HE₇ *, 12, 3, 79; 2002 HF₇ *, 3, 1, 0; 2002 HH₇ *, 8, 2, 2; 2002 HJ₇ *, 22, 5, 546; 2002 HK₇ *, 10, 2, 11; 2002 HY₇ *, 3, 1, 0; 2002 HZ₇ *, 28, 5, 19; 2002 HC₈ *, 12, 3, 39; 2002 HD₈ *, 9, 2, 11; 2002 HJ₈ *, 9, 2, 1; 2002 HL₈ *, 5, 1, 0; 2002 HS₈ *, 4, 1, 0; 2002 HA₉

2002 JB₂, 18, 4, 1558; 2002 JC₂, 8, 2, 7; 2002 JD₂, 12, 3, 553; 2002 JF₂, 15, 4, 117; 2002 JG₂, 9, 2, 18; 2002 JN₂, 4, 1, 0; 2002 JP₂, 5, 1, 0; 2002 JQ₂, 10, 2, 7; 2002 JR₂, 4, 1, 0; 2002 JC₃, 4, 1, 0; 2002 JE₃, 16, 4, 488; 2002 JF₃, 3, 1, 0; 2002 JQ₃, 13, 3, 914; 2002 JR₃, 8, 2, 450; 2002 JX₃, 10, 2, 100; 2002 JY₃, 5, 1, 0; 2002 JA₄, 21, 5, 1428; 2002 JB₄, 3, 1, 0; 2002 JF₄, 8, 2, 1; 2002 JG₄, 13, 3, 18; 2002 JJ₄, 4, 1, 0; 2002 JL₄, 17, 4, 501; 2002 JP₄, 17, 4, 1234; 2002 JQ₄, 18, 4, 513; 2002 JR₄, 12, 3, 81; 2002 JS₄, 10, 2, 17; 2002 JT₄, 7, 2, 1; 2002 JV₄, 35, 8, 531; 2002 JW₄, 10, 2, 912; 2002 JX₄, 18, 4, 60; 2002 JY₄, 20, 5, 915; 2002 JZ₄, 5, 1, 0; 2002 JB₅, 4, 1, 0; 2002 JC₅, 19, 5, 1535; 2002 JE₅, 3, 1, 0; 2002 JG₅, 3, 1, 0; 2002 JH₅, 7, 2, 28; 2002 JJ₅, 4, 1, 0; 2002 JL₅, 4, 1, 0; 2002 JM₅, 20, 4, 13; 2002 JQ₅, 12, 3, 1426; 2002 JR₅, 16, 4, 469; 2002 JS₅, 5, 1, 0; 2002 JU₅, 11, 3, 952; 2002 JV₅, 17, 4, 35; 2002 JB₆, 26, 6, 590; 2002 JC₆, 27, 5, 1472; 2002 JJ₆, 17, 5, 54; 2002 JR₆, 3, 1, 0; 2002 JV₆, 3, 1, 0; 2002 JX₆, 4, 1, 0; 2002 JB₇, 27, 6, 1505; 2002 JC₇, 4, 1, 0; 2002 JE₇, 21, 5, 975; 2002 JM₇, 9, 2, 564; 2002 JP₇, 5, 1, 0; 2002 JX₇, 15, 3, 1456; 2002 JY₇, 15, 4, 67; 2002 JZ₇, 27, 6, 1507; 2002 JB₈, 10, 2, 54; 2002 JC₈, 15, 3, 4; 2002 JD₈, 9, 2, 1424; 2002 JG₈, 18, 4, 1558; 2002 JH₈, 5, 1, 0; 2002 JJ₈, 9, 2, 55; 2002 JM₈, 4, 1, 0; 2002 JP₈, 4, 1, 0; 2002 JQ₈, 12, 3, 60; 2002 JS₈, 9, 2, 19; 2002 JY₈, 10, 2, 8; 2002 JB₉, 15, 3, 12; 2002 JE₉, 5, 1, 0; 2002 JF₉, 3, 1, 0; 2002 JP₉, 32, 8, 566; 2002 JR₉, 5, 1, 0; 2002 JT₉, 9, 2, 6; 2002 JV₉, 4, 1, 0; 2002 JW₉, 17, 4, 907; 2002 JX₉, 3, 1, 0; 2002 JY₉, 3, 1, 0; 2002 JZ₉, 11, 3, 90; 2002 JA₁₀, 9, 2, 18; 2002 JB₁₀, 5, 1, 0; 2002 JC₁₀, 8, 2, 15; 2002 JD₁₀, 33, 6, 39; 2002 JE₁₀, 9, 2, 6; 2002 JG₁₀, 18, 4, 11; 2002 JH₁₀, 11, 3, 1429; 2002 JM₁₀, 5, 1, 0; 2002 JN₁₀, 8, 2, 20; 2002 JO₁₀, 8, 2, 1224; 2002 JP₁₀, 8, 2, 85; 2002 JQ₁₀, 10, 2, 1008; 2002 JR₁₀, 8, 2, 6; 2002 JU₁₀, 14, 3, 61; 2002 JC₁₁, 3, 1, 0; 2002 JF₁₁, 17, 4, 63; 2002 JG₁₁, 4, 1, 0; 2002 JK₁₁, 11, 3, 50; 2002 JL₁₁, 4, 1, 0; 2002 JN₁₁, 15, 4, 854; 2002 JP₁₁, 20, 5, 21; 2002 JR₁₁, 27, 6, 1093; 2002 JS₁₁, 4, 1, 0; 2002 JT₁₁, 3, 1, 0; 2002 JV₁₁, 3, 1, 0; 2002 JW₁₁, 38, 9, 1005; 2002 JY₁₁, 13, 3, 60; 2002 JZ₁₁, 5, 1, 0; 2002 JB₁₂, 12, 3, 60; 2002 JC₁₂, 12, 3, 22; 2002 JD₁₂, 8, 2, 51; 2002 JF₁₂, 10, 3, 504; 2002 JG₁₂, 9, 2, 5; 2002 JH₁₂, 8, 2, 25; 2002 JK₁₂, 3, 1, 0; 2002 JL₁₂, 10, 2, 445; 2002 JM₁₂, 17, 4, 112; 2002 JN₁₂, 3, 1, 0; 2002 JO₁₂, 21, 5, 1047; 2002 JP₁₂, 39, 10, 1504; 2002 JR₁₂, 13, 3, 584; 2002 JS₁₂, 54, 11, 1568; 2002 JT₁₂, 3, 1, 0; 2002 JU₁₂, 30, 2, 503; 2002 JY₁₂, 8, 2, 939; 2002 JZ₁₂, 4, 1, 0; 2002 JB₁₃, 24, 6, 62; 2002 JC₁₃, 27, 6, 1159; 2002 JE₁₃, 6, 2, 50; 2002 JF₁₃, 28, 7, 528; 2002 JG₁₃, 5, 1, 0; 2002 JH₁₃, 24, 6, 28; 2002 JI₁₃, 9, 2, 18; 2002 JK₁₃, 13, 3, 18; 2002 JL₁₃, 5, 1, 0; 2002 JO₁₃, 9, 2, 1512; 2002 JP₁₃, 8, 2, 462; 2002 JQ₁₃, 19, 5, 30; 2002 JR₁₃, 16, 4, 30; 2002 JS₁₃, 32, 8, 1192; 2002 JT₁₃, 15, 3, 89; 2002 JU₁₃, 9, 2, 16; 2002 JY₁₃, 17, 4, 37; 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2; 2002 JT₁₄₂ *, 4, 1, 0; 2002 JU₁₄₂ *, 5, 1, 0; 2002 JV₁₄₂ *, 5, 1, 0; 2002 JW₁₄₂ *, 4, 1, 0; 2002 JX₁₄₂ *, 5, 1, 0; 2002 JY₁₄₂ *, 4, 1, 0; 2002 JZ₁₄₂ *, 5, 1, 0; 2002 JA₁₄₃ *, 3, 1, 0; 2002 JB₁₄₃ *, 4, 1, 0; 2002 JC₁₄₃ *, 3, 1, 0; 2002 JE₁₄₃ *, 9, 2, 2; 2002 JG₁₄₃ *, 9, 2, 2; 2002 JH₁₄₃ *, 3, 1, 0; 2002 JI₁₄₃ *, 4, 1, 0; 2002 JK₁₄₃ *, 56, 14, 1007; 2002 JL₁₄₃ *, 3, 1, 0; 2002 JM₁₄₃ *, 14, 3, 34; 2002 JR₁₄₃ *, 4, 1, 0; 2002 JS₁₄₃ *, 3, 1, 0; 2002 JX₁₄₃ *, 5, 1, 0; 2002 JY₁₄₃ *, 4, 1, 0; 2002 JA₁₄₄ *, 9, 2, 9; 2002 JB₁₄₄ *, 4, 1, 0; 2002 JC₁₄₄ *, 4, 1, 0; 2002 JD₁₄₄ *, 4, 1, 0; 2002 JE₁₄₄ *, 23, 5, 942; 2002 JG₁₄₄ *, 4, 1, 0; 2002 JH₁₄₄ *, 3, 1, 0; 2002 JJ₁₄₄ *, 4, 1, 0; 2002 JL₁₄₄ *, 9, 2, 27; 2002 JM₁₄₄ *, 6, 2, 8; 2002 JO₁₄₄ *, 7, 2, 35; 2002 JP₁₄₄ *, 5, 1, 0; 2002 JQ₁₄₄ *, 3, 1, 0; 2002 JR₁₄₄ *, 4, 1, 0; 2002 JS₁₄₄ *, 24, 4, 40; 2002 JT₁₄₄ *, 4, 1, 0; 2002 JU₁₄₄ *, 3, 1, 0; 2002 JV₁₄₄ *, 13, 3, 27; 2002 JW₁₄₄ *, 5, 1, 0; 2002 JX₁₄₄ *, 5, 1, 0; 2002 JY₁₄₄ *, 5, 1, 0; 2002 JZ₁₄₄ *, 3, 1, 0; 2002 JA₁₄₅ *, 4, 1, 0; 2002 JB₁₄₅ *, 5, 1, 0; 2002 JC₁₄₅ *, 12, 3, 32; 2002 JE₁₄₅ *, 4, 1, 0; 2002 JF₁₄₅ *, 22, 5, 490; 2002 JG₁₄₅ *, 5, 1, 0; 2002 JH₁₄₅ *, 5, 1, 0; 2002 JJ₁₄₅ *, 3, 1, 0; 2002 JK₁₄₅ *, 3, 1, 0; 2002 JL₁₄₅ *, 8, 2, 23; 2002 JM₁₄₅ *, 5, 1, 0; 2002 JO₁₄₅ *, 5, 1, 0; 2002 JP₁₄₅ *, 5, 1, 0; 2002 JQ₁₄₅ *, 4, 1, 0; 2002 JR₁₄₅ *, 4, 1, 0; 2002 JS₁₄₅ *, 4, 1, 0; 2002 JT₁₄₅ *, 4, 1, 0; 2002 JU₁₄₅ *, 3, 1, 0; 2002 JV₁₄₅ *, 3, 1, 0; 2002 JW₁₄₅ *, 3, 1, 0; 2002 JX₁₄₅ *, 5, 1, 0; 2002 JY₁₄₅ *, 5, 1, 0; 2002 JZ₁₄₅ *, 8, 2, 55; 2002 JA₁₄₆ *, 4, 1, 0; 2002 JB₁₄₆ *, 5, 1, 0; 2002 JC₁₄₆ *, 29, 7, 1009; 2002 JD₁₄₆ *, 5, 1, 0; 2002 JE₁₄₆ *, 4, 1, 0; 2002 JF₁₄₆ *, 7, 2, 19; 2002 JG₁₄₆ *, 3, 1, 0; 2002 JH₁₄₆ *, 9, 9, 974; 2002 JI₁₄₆ *, 3, 1, 0; 2002 JL₁₄₆ *, 3, 1, 0; 2002 JM₁₄₆ *, 3, 1, 0; 2002 JN₁₄₆ *, 3, 1, 0; 2002 JO₁₄₆ *, 7, 2, 6; 2002 JP₁₄₆ *, 14, 3, 27; 2002 JQ₁₄₆ *, 9, 2, 23; 2002 JR₁₄₆ *, 25, 6, 1450; 2002 KA₂ *, 20, 5, 480; 2002 KB₂ *, 18, 4, 1218; 2002 KC₂ *, 20, 4, 41; 2002 KD₂ *, 25, 6, 516; 2002 KE₂ *, 24, 6, 467; 2002 KF₂ *, 28, 7, 1480; 2002 KG₂ *, 18, 4, 39; 2002 KH₂ *, 10, 2, 2; 2002 KL₂ *, 22, 3, 4; 2002 KN₂ *, 9, 2, 4; 2002 KP₂ *, 4, 1, 0; 2002 KQ₂ *, 11, 3, 18; 2002 KV₂ *, 5, 1, 0; 2002 KB₁ *, 3, 1, 0; 2002 KD₁ *, 30, 5, 43; 2002 KE₁ *, 20, 4, 32; 2002 KF₁ *, 20, 4, 32; 2002 KG₁ *, 9, 2, 1; 2002 KH₁ *, 9, 2, 1; 2002 KI₁ *, 9, 2, 34; 2002 KL₁ *, 3, 1, 0; 2002 KN₁ *, 16, 4, 30; 2002 KO₁ *, 4, 1, 0; 2002 KQ₁ *, 5, 1, 0; 2002 KR₁ *, 10, 3, 29; 2002 KT₁ *, 3, 1, 0; 2002 KU₁ *, 9, 2, 12; 2002 KV₁ *, 6, 2, 21; 2002 KZ₁ *, 25, 6, 970; 2002 KA₂ *, 17, 4, 46; 2002 KB₂ *, 4, 1, 0; 2002 KC₂ *, 30, 5, 886; 2002 KE₂ *, 19, 5, 960; 2002 KF₂ *, 11, 3, 56; 2002 KG₂ *, 9, 2, 29; 2002 KH₂ *, 7, 2, 22; 2002 KI₂ *, 43, 10, 966; 2002 KO₂ *, 13, 3, 31; 2002 KQ₂ *, 21, 5, 950; 2002 KR₂ *, 21, 5, 34; 2002 KS₂ *, 5, 1, 0; 2002 KU₂ *, 3, 1, 0; 2002 KV₂ *, 13, 3, 32; 2002 KX₂ *, 10, 3, 29; 2002 KY₂ *, 8, 2, 29; 2002 KZ₂ *, 6, 2, 22; 2002 KA₃ *, 4, 1, 0; 2002 KB₃ *, 28, 7, 60; 2002 KC₃ *, 32, 6, 22; 2002 KL₃ *, 14, 3, 20; 2002 KM₃ *, 3, 1, 0; 2002 KN₃ *, 5, 1, 0; 2002 KQ₃ *, 9, 2, 4; 2002 KR₃ *, 30, 7, 33; 2002 KS₃ *, 24, 6, 1376; 2002 KT₃ *, 16, 4, 26; 2002 KU₃ *, 7, 2, 3; 2002 KV₃ *, 14, 3, 15; 2002 KW₃ *, 12, 3, 4; 2002 KX₃ *, 20, 5, 28; 2002 KY₃ *, 12, 3, 14; 2002 KZ₃ *, 24, 5, 33; 2002 KA₄ *, 36, 7, 46; 2002 KB₄ *, 17, 4, 8; 2002 KC₄ *, 7, 2, 13; 2002 KD₄ *, 9, 2, 1381; 2002 KE₄ *, 29, 7, 45; 2002 KF₄ *, 16, 4, 29; 2002 KG₄ *, 4, 1, 0; 2002 KH₄ *, 5, 1, 0; 2002 KI₄ *, 5, 1, 0; 2002 KO₄ *, 19, 5, 26; 2002 KL₄ *, 7, 2, 5; 2002 KM₄ *, 7, 2, 5; 2002 KN₄ *, 14, 4, 23; 2002 KP₄ *, 11, 3, 23; 2002 KQ₄ *, 26, 7, 34; 2002 KR₄ *, 33, 8, 33; 2002 KS₄ *, 9, 2, 5; 2002 KU₄ *, 32, 8, 1549; 2002 KV₄ *, 16, 4, 24; 2002 KW₄ *, 17, 5, 25; 2002 KX₄ *, 10, 3, 25; 2002 KY₄ *, 18, 4, 23; 2002 KZ₄ *, 22, 5, 33; 2002 KA₅ *, 27, 6, 982; 2002 KB₅ *, 17, 4, 12; 2002 KC₅ *, 13, 3, 23; 2002 KD₅ *, 15, 4, 26; 2002 KE₅ *, 20, 5, 33; 2002 KF₅ *, 22, 6, 33; 2002 KG₅ *, 11, 3, 20; 2002 KH₅ *, 19, 5, 37; 2002 KI₅ *, 7, 2, 5; 2002 KO₅ *, 13, 4, 21; 2002 KP₅ *, 11, 3

10, 2, 4; 2002 KR₁₃, 19, 5, 40; 2002 KS₁₃, 3, 1, 0; 2002 KT₁₃, 3, 1, 0; 2002 KU₁₃, 15, 4, 32; 2002 KX₁₃, 6, 2, 16; 2002 KY₁₃, 6, 12, 3, 20; 2002 KZ₁₃, 4, 1, 0; 2002 KD₁₄, 27, 6, 1399; 2002 KE₁₄, 14, 3, 27; 2002 KF₁₄, 8, 2, 8; 2002 KG₁₄, 5, 1, 0; 2002 KH₁₄, 3, 1, 0; 2002 KJ₁₄, 4, 1, 0; 2002 KK₁₄, 5, 1, 0; 2002 KL₁₄, 9, 2, 9; 2002 KM₁₄, 5, 1, 0; 2002 KN₁₄, 4, 1, 0; 2002 KO₁₄, 4, 1, 0; 2002 KP₁₄, 5, 1, 0; 2002 KQ₁₄, 15, 3, 32; 2002 KR₁₄, 3, 1, 0; 2002 KS₁₄, 4, 1, 0; 2002 KT₁₄, 4, 1, 0; 2002 KU₁₄, 18, 4, 32; 2002 KV₁₄, 13, 3, 112; 2002 LA *, 8, 2, 1; 2002 LB, 16, 4, 999; 2002 LC, 18, 3, 1011; 2002 LF, 14, 3, 1563; 2002 LH, 5, 1, 0; 2002 LJ *, 21, 3, 2; 2002 LL *, 27, 4, 18; 2002 LM *, 23, 3, 2; 2002 LO, 15, 3, 32; 2002 LP, 4, 1, 0; 2002 LQ *, 8, 2, 1; 2002 LR *, 14, 2, 2; 2002 LS *, 9, 2, 2; 2002 LT *, 36, 7, 1468; 2002 LU *, 19, 4, 74; 2002 LV *, 19, 4, 19; 2002 LX *, 18, 3, 2; 2002 LY, 7, 2, 27; 2002 LB₁, 20, 5, 33; 2002 LE₁, 16, 4, 55; 2002 LF₁, 5, 1, 0; 2002 LG₁, 7, 2, 27; 2002 LJ₁, 7, 2, 1; 2002 LK₁, 3, 1, 0; 2002 LN₁, 7, 2, 1; 2002 LO₁, 9, 2, 1; 2002 LQ₁, 4, 1, 0; 2002 LR₁, 4, 1, 0; 2002 LT₁, 3, 1, 0; 2002 LW₁, 7, 2, 30; 2002 LY₁, 18, 4, 4; 2002 LB₂, 9, 2, 2; 2002 LC₂, 15, 3, 3; 2002 LD₂, 12, 3, 3; 2002 LE₂, 13, 3, 3; 2002 LG₂, 4, 1, 0; 2002 LJ₂, 3, 1, 0; 2002 LM₂, 4, 1, 0; 2002 LN₂, 5, 1, 0; 2002 LO₂, 33, 9, 949; 2002 LP₂ *, 12, 3, 8; 2002 LQ₂ *, 8, 2, 4; 2002 LR₂ *, 12, 3, 8; 2002 LS₂ *, 8, 2, 4; 2002 LW₂, 5, 1, 0; 2002 LG₃, 5, 1, 0; 2002 LH₃ *, 13, 2, 1; 2002 LJ₃, 17, 3, 8; 2002 LK₃, 17, 4, 28; 2002 LL₃ *, 32, 8, 915; 2002 LM₃ *, 8, 2, 3; 2002 LN₃ *, 23, 5, 17; 2002 LO₃ *, 26, 5, 35; 2002 LP₃ *, 30, 4, 5; 2002 LQ₃ *, 24, 4, 13; 2002 LR₃ *, 14, 4, 5; 2002 LS₃ *, 15, 4, 18; 2002 LT₃ *, 25, 6, 63; 2002 LU₃ *, 8, 2, 2; 2002 LV₃ *, 18, 5, 52; 2002 LW₃ *, 18, 5, 33; 2002 LX₃ *, 15, 4, 51; 2002 LY₃ *, 21, 5, 21; 2002 LZ₃ *, 33, 8, 1516; 2002 LA₄ *, 24, 6, 32; 2002 LB₄ *, 9, 2, 1; 2002 LC₄ *, 13, 4, 5; 2002 LD₄ *, 9, 2, 1; 2002 LE₄ *, 12, 3, 5; 2002 LF₄ *, 23, 5, 13; 2002 LG₄ *, 15, 4, 13; 2002 LH₄ *, 31, 7, 40; 2002 LJ₄ *, 27, 6, 33; 2002 LK₄ *, 9, 3, 5; 2002 LL₄ *, 7, 2, 1; 2002 LM₄ *, 10, 3, 5; 2002 LN₄ *, 13, 3, 3; 2002 LO₄ *, 12, 3, 4; 2002 LP₄ *, 27, 6, 62; 2002 LQ₄ *, 14, 3, 4; 2002 LR₄ *, 19, 4, 28; 2002 LS₄ *, 14, 3, 8; 2002 LT₄ *, 16, 4, 5; 2002 LU₄ *, 27, 7, 971; 2002 LV₄ *, 21, 5, 13; 2002 LW₄ *, 13, 3, 3; 2002 LX₄ *, 14, 4, 6; 2002 LY₄ *, 10, 3, 3; 2002 LZ₄ *, 10, 3, 3; 2002 LB₅, 7, 2, 20; 2002 LD₅, 12, 3, 3; 2002 LF₅, 23, 5, 62; 2002 LG₅, 21, 5, 8; 2002 LH₅, 47, 11, 1276; 2002 LK₅, 8, 2, 2; 2002 LM₅, 16, 4, 1510; 2002 LN₅, 4, 1, 0; 2002 LO₅, 20, 4, 25; 2002 LQ₅ *, 9, 2, 6; 2002 LR₅ *, 12, 3, 6; 2002 LS₅ *, 23, 3, 2; 2002 LT₅ *, 28, 7, 12; 2002 LU₅, 3, 1, 0; 2002 LV₅, 4, 1, 0; 2002 LW₅, 3, 1, 0; 2002 LZ₅, 4, 1, 0; 2002 LB₆ *, 26, 4, 12; 2002 LG₆, 11, 3, 2; 2002 LH₆, 5, 1, 0; 2002 LJ₆, 22, 5, 61; 2002 LK₆ *, 5, 1, 0; 2002 LL₆ *, 4, 1, 0; 2002 LM₆ *, 10, 3, 31; 2002 LN₆, 13, 3, 23; 2002 LO₆, 8, 2, 4; 2002 LQ₆, 5, 1, 0; 2002 LR₆, 4, 1, 0; 2002 LS₆, 12, 3, 27; 2002 LT₆, 10, 3, 1392; 2002 LU₆ *, 42, 6, 11; 2002 LV₆ *, 29, 4, 7; 2002 LW₆ *, 4, 1, 0; 2002 LX₆ *, 4, 1, 0; 2002 LY₆, 32, 8, 72; 2002 LZ₆, 5, 1, 0; 2002 LD₇, 5, 1, 0; 2002 LF₇, 4, 1, 0; 2002 LH₇, 6, 2, 1; 2002 LJ₇, 10, 3, 945; 2002 LK₇, 5, 1, 0; 2002 LL₇, 4, 1, 0; 2002 LM₇, 5, 1, 0; 2002 LN₇, 9, 2, 1; 2002 LP₇, 5, 1, 0; 2002 LQ₇, 5, 1, 0; 2002 LR₇, 4, 1, 0; 2002 LT₇ *, 26, 5, 13; 2002 LU₇ *, 12, 3, 4; 2002 LV₇ *, 21, 5, 37; 2002 LW₇ *, 9, 3, 4; 2002 LX₇ *, 19, 4, 6; 2002 LY₇ *, 20, 5, 1537; 2002 LZ₇ *, 15, 4, 1059; 2002 LA₈ *, 12, 3, 6; 2002 LB₈ *, 6, 2, 3; 2002 LC₈ *, 20, 5, 55; 2002 LD₈ *, 14, 3, 5; 2002 LE₈ *, 19, 5, 1393; 2002 LF₈ *, 12, 3, 5; 2002 LG₈ *, 9, 2, 4; 2002 LH₈ *, 9, 2, 4; 2002 LK₈ *, 12, 3, 5; 2002 LL₈ *, 21, 4, 20; 2002 LM₈ *, 32, 7, 1560; 2002 LN₈ *, 7, 2, 3; 2002 LO₈ *, 10, 2, 4; 2002 LP₈ *, 23, 5, 32; 2002 LQ₈ *, 37, 8, 1008; 2002 LR₈ *, 15, 4, 31; 2002 LS₈ *, 12, 3, 5; 2002 LT₈ *, 12, 3, 19; 2002 LU₈ *, 13, 3, 5; 2002 LV₈ *, 7, 2, 4; 2002 LW₈ *, 13, 3, 5; 2002 LX₈ *, 13, 3, 5; 2002 LY₈ *, 9, 2, 4; 2002 LZ₈ *, 10, 2, 4; 2002 LB₉ *, 17, 4, 20; 2002 LC₉ *, 8, 2, 4; 2002 LD₉ *, 12, 3, 5; 2002 LE₉ *, 14, 3, 5; 2002 LF₉ *, 12, 3, 19; 2002 LG₉ *, 20, 5, 37; 2002 LH₉ *, 14, 4, 25; 2002 LJ₉ *, 19, 6, 487; 2002 LK₉ *, 7, 2, 4; 2002 LL₉ *, 18, 4, 13; 2002 LM₉ *, 33, 8, 574; 2002 LN₉ *, 7, 2, 4; 2002 LO₉ *, 9, 3, 5; 2002 LP₉ *, 24, 6, 1511; 2002 LQ₉ *, 14, 4, 11; 2002 LR₉ *, 10, 2, 4; 2002 LS₉ *, 10, 2, 4; 2002 LT₉ *, 9, 2, 4; 2002 LU₉ *, 10, 2, 4; 2002 LV₉ *, 8, 2, 3; 2002 LW₉ *, 7, 2, 4; 2002 LX₉ *, 30, 4, 13; 2002 LY₉ *, 14, 3, 5; 2002 LZ₉ *, 8, 2, 4; 2002 LA₁₀ *, 9, 2, 4; 2002 LB₁₀ *, 8, 2, 4; 2002 LC₁₀ *, 9, 2, 3; 2002 LD₁₀ *, 8, 2, 4; 2002 LE₁₀ *, 9, 2, 4; 2002 LF₁₀ *, 11, 3, 11; 2002 LG₁₀ *, 12, 3, 5; 2002 LH₁₀ *, 9, 2, 4; 2002 LJ₁₀ *, 18, 4, 20; 2002 LK₁₀ *, 9, 2, 4; 2002 LL₁₀ *, 10, 2, 3; 2002 LM₁₀ *, 9, 2, 4; 2002 LN₁₀ *, 9, 2, 4; 2002 LO₁₀ *, 8, 2, 4; 2002 LP₁₀ *, 10, 2, 4; 2002 LQ₁₀ *, 13, 3, 5; 2002 LR₁₀ *, 11, 3, 5; 2002 LS₁₀ *, 11, 3, 19; 2002 LT₁₀ *, 8, 2, 4; 2002 LU₁₀ *, 6, 2, 4; 2002 LV₁₀ *, 28, 6, 28; 2002 LW₁₀ *, 6, 2, 4; 2002 LX₁₀ *, 16, 4, 9; 2002 LY₁₀ *, 7, 2, 4; 2002 LZ₁₀ *, 17, 3, 5; 2002 LA₁₁ *, 25, 5, 28; 2002 LB₁₁ *, 7, 2, 4; 2002 LC₁₁ *, 10, 2, 4; 2002 LD₁₁ *, 10, 2, 4; 2002 LE₁₁ *, 9, 2, 4; 2002 LF₁₁ *, 8, 2, 4; 2002 LG₁₁ *, 14, 3, 9; 2002 LH₁₁ *, 9, 2, 4; 2002 LJ₁₁ *, 17, 4, 1501; 2002 LK₁₁ *, 15, 4, 13; 2002 LL₁₁ *, 7, 2, 4; 2002 LM₁₁ *, 10, 2, 4; 2002 LN₁₁ *, 10, 2, 4; 2002 LO₁₁ *, 9, 2, 4; 2002 LP₁₁ *, 10, 2, 4; 2002 LQ₁₁ *, 20, 4, 31; 2002 LR₁₁ *, 18, 4, 13; 2002 LS₁₁ *, 15, 3, 8; 2002 LT₁₁ *, 15, 3, 8; 2002 LU₁₁ *, 13, 3, 8; 2002 LV₁₁ *, 24, 6, 13; 2002 LW₁₁ *, 9, 2, 4; 2002 LX₁₁ *, 17, 4, 31; 2002 LY₁₁ *, 17, 4, 24; 2002 LZ₁₁ *, 14, 3, 8; 2002 LA₁₂ *, 9, 2, 4; 2002 LB₁₂ *, 6, 2, 4; 2002 LC₁₂ *, 8, 2, 4; 2002 LD₁₂ *, 22, 5, 28; 2002 LE₁₂ *, 8, 2, 4; 2002 LF₁₂ *, 6, 2, 4; 2002 LG₁₂ *, 7, 2, 4; 2002 LH₁₂ *, 18, 4, 13; 2002 LJ₁₂ *, 17, 4, 11; 2002 LK₁₂ *, 16, 4, 13; 2002 LL₁₂ *, 29, 8, 500; 2002 LM₁₂ *, 12, 3, 13; 2002 LN₁₂ *, 23, 6, 1455; 2002 LO₁₂ *, 8, 2, 4; 2002 LP₁₂ *, 11, 3, 8; 2002 LQ₁₂ *, 8, 2, 4; 2002 LR₁₂ *, 15, 3, 4; 2002 LS₁₂ *, 21, 5, 13; 2002 LT₁₂ *, 11, 3, 13; 2002 LU₁₂ *, 7, 2, 4; 2002 LV₁₂ *, 12, 4, 13; 2002 LW₁₂ *, 10, 3, 8; 2002 LX₁₂ *, 29, 7, 977; 2002 LY₁₂ *, 19, 4, 8; 2002 LZ₁₂ *, 14, 3, 8; 2002 LA₁₃ *, 21, 5, 28; 2002 LB₁₃ *, 15, 3, 8; 2002 LC₁₃ *, 7, 2, 3; 2002 LD₁₃ *, 12, 3, 6; 2002 LE₁₃ *, 9, 3, 6; 2002 LF₁₃ *, 10, 3, 6; 2002 LG₁₃ *, 21, 5, 32; 2002 LH₁₃ *, 11, 3, 4; 2002 LJ₁₃ *, 13, 3, 6; 2002 LK₁₃ *, 22, 5, 12; 2002 LL₁₃ *, 8,

2, 2; 2002 LM₁₃ *, 12, 3, 22; 2002 LN₁₃ *, 24, 6, 32; 2002 LO₁₃ *, 15, 4, 6; 2002 LP₁₃ *, 13, 3, 22; 2002 LQ₁₃ *, 17, 4, 31; 2002 LR₁₃ *, 20, 5, 11; 2002 LS₁₃ *, 26, 6, 11; 2002 LT₁₃ *, 7, 2, 2; 2002 LU₁₃ *, 11, 3, 3; 2002 LV₁₃ *, 11, 3, 4; 2002 LW₁₃ *, 8, 2, 2; 2002 LX₁₃ *, 21, 5, 31; 2002 LY₁₃ *, 8, 2, 2; 2002 LZ₁₃ *, 14, 3, 6; 2002 LA₁₄ *, 22, 5, 31; 2002 LB₁₄ *, 22, 5, 11; 2002 LC₁₄ *, 16, 4, 23; 2002 LD₁₄ *, 16, 4, 6; 2002 LE₁₄ *, 7, 2, 2; 2002 LF₁₄ *, 12, 3, 22; 2002 LG₁₄ *, 9, 2, 2; 2002 LH₁₄ *, 21, 5, 31; 2002 LJ₁₄ *, 19, 4, 30; 2002 LK₁₄ *, 10, 3, 6; 2002 LL₁₄ *, 16, 4, 6; 2002 LM₁₄ *, 18, 4, 26; 2002 LN₁₄ *, 7, 2, 2; 2002 LO₁₄ *, 21, 5, 11; 2002 LP₁₄ *, 9, 2, 2; 2002 LQ₁₄ *, 19, 5, 31; 2002 LR₁₄ *, 8, 2, 2; 2002 LS₁₄ *, 18, 4, 971; 2002 LT₁₄ *, 8, 2, 2; 2002 LV₁₄ *, 14, 2, 2; 2002 LW₁₄ *, 28, 5, 11; 2002 LX₁₄ *, 16, 4, 11; 2002 LY₁₄ *, 26, 6, 38; 2002 LZ₁₄ *, 24, 5, 31; 2002 LA₁₅ *, 9, 2, 2; 2002 LB₁₅ *, 10, 2, 2; 2002 LC₁₅ *, 8, 2, 2; 2002 LD₁₅ *, 10, 2, 2; 2002 LE₁₅ *, 7, 2, 2; 2002 LF₁₅ *, 17, 4, 11; 2002 LG₁₅ *, 7, 2, 3; 2002 LH₁₅ *, 8, 2, 2; 2002 LJ₁₅ *, 20, 5, 11; 2002 LK₁₅ *, 7, 2, 3; 2002 LL₁₅ *, 17, 4, 11; 2002 LM₁₅ *, 16, 4, 11; 2002 LN₁₅ *, 10, 2, 2; 2002 LO₁₅ *, 12, 3, 6; 2002 LP₁₅ *, 10, 2, 2; 2002 LQ₁₅ *, 10, 2, 2; 2002 LR₁₅ *, 8, 2, 2; 2002 LS₁₅ *, 9, 2, 2; 2002 LT₁₅ *, 18, 4, 1548; 2002 LU₁₅ *, 8, 2, 2; 2002 LV₁₅ *, 13, 3, 6; 2002 LW₁₅ *, 16, 4, 11; 2002 LX₁₅ *, 12, 3, 4; 2002 LY₁₅ *, 13, 3, 11; 2002 LZ₁₅ *, 7, 2, 2; 2002 LA₁₆ *, 9, 2, 2; 2002 LB₁₆ *, 18, 4, 11; 2002 LC₁₆ *, 15, 4, 28; 2002 LD₁₆ *, 9, 2, 2; 2002 LE₁₆ *, 8, 2, 2; 2002 LF₁₆ *, 23, 4, 31; 2002 LG₁₆ *, 12, 3, 11; 2002 LH₁₆ *, 7, 2, 2; 2002 LJ₁₆ *, 9, 2, 2; 2002 LK₁₆ *, 6, 2, 2; 2002 LL₁₆ *, 7, 2, 2; 2002 LM₁₆ *, 8, 2, 2; 2002 LN₁₆ *, 6, 2, 2; 2002 LO₁₆ *, 10, 3, 6; 2002 LP₁₆ *, 23, 6, 31; 2002 LQ₁₆ *, 18, 5, 11; 2002 LR₁₆ *, 7, 2, 2; 2002 LS₁₆ *, 19, 5, 11; 2002 LT₁₆ *, 9, 2, 2; 2002 LU₁₆ *, 9, 2, 2; 2002 LV₁₆ *, 12, 3, 12; 2002 LW₁₆ *, 24, 5, 11; 2002 LX₁₆ *, 17, 4, 11; 2002 LY₁₆ *, 22, 5, 11; 2002 LZ₁₆ *, 20, 4, 11; 2002 LA₁₇ *, 31, 5, 11; 2002 LB₁₇ *, 27, 6, 11; 2002 LC₁₇ *, 8, 2, 2; 2002 LD₁₇ *, 15, 3, 4; 2002 LE₁₇ *, 25, 6, 11; 2002 LF₁₇ *, 28, 6, 54; 2002 LG₁₇ *, 17, 4, 26; 2002 LH₁₇ *, 9, 2, 2; 2002 LJ₁₇ *, 13, 3, 31; 2002 LK₁₇ *, 7, 2, 3; 2002 LL₁₇ *, 9, 2, 2; 2002 LM₁₇ *, 17, 4, 30; 2002 LN₁₇ *, 9, 2, 2; 2002 LO₁₇ *, 7, 2, 2; 2002 LP₁₇ *, 9, 2, 2; 2002 LQ₁₇ *, 12, 3, 12; 2002 LR₁₇ *, 9, 2, 2; 2002 LS₁₇ *, 7, 2, 2; 2002 LT₁₇ *, 6, 2, 2; 2002 LU₁₇ *, 8, 2, 2; 2002 LV₁₇ *, 14, 3, 12; 2002 LW₁₇ *, 19, 4, 28; 2002 LX₁₇ *, 12, 2, 2; 2002 LY₁₇ *, 8, 2, 2; 2002 LZ₁₇ *, 10, 2, 2; 2002 LA₁₈ *, 8, 2, 2; 2002 LB₁₈ *, 31, 7, 40; 2002 LC₁₈ *, 8, 2, 2; 2002 LD₁₈ *, 8, 2, 2; 2002 LE₁₈ *, 16, 4, 12; 2002 LF₁₈ *, 9, 2, 2; 2002 LG₁₈ *, 8, 2, 2; 2002 LH₁₈ *, 13, 3, 12; 2002 LJ₁₈ *, 13, 3, 12; 2002 LK₁₈ *, 18, 4, 11; 2002 LL₁₈ *, 8, 2, 2; 2002 LM₁₈ *, 19, 4, 11; 2002 LN₁₈ *, 12, 3, 11; 2002 LO₁₈ *, 17, 4, 535; 2002 LP₁₈ *, 11, 3, 12; 2002 LQ₁₈ *, 14, 3, 12; 2002 LR₁₈ *, 7, 2, 2; 2002 LS₁₈ *, 7, 2, 2; 2002 LT₁₈ *, 16, 4, 12; 2002 LU₁₈ *, 7, 2, 2; 2002 LV₁₈ *, 21, 5, 12; 2002 LW₁₈ *, 12, 3, 12; 2002 LX₁₈ *, 17, 2, 2; 2002 LY₁₈ *, 19, 4, 27; 2002 LZ₁₈ *, 8, 2, 2; 2002 LA₁₉ *, 8, 2, 2; 2002 LB₁₉ *, 10, 3, 4; 2002 LC₁₉ *, 17, 4, 12; 2002 LD₁₉ *, 12, 3, 6; 2002 LE₁₉ *, 8, 2, 2; 2002 LF₁₉ *, 13, 3, 11; 2002 LG₁₉ *, 6, 2, 2; 2002 LH₁₉ *, 9, 2, 2; 2002 LJ₁₉ *, 24, 5, 28; 2002 LK₁₉ *, 7, 2, 2; 2002 LL₁₉ *, 7, 2, 2; 2002 LM₁₉ *, 24, 5, 11; 2002 LN₁₉ *, 20, 5, 1520; 2002 LO₁₉ *, 12, 3, 12; 2002 LP₁₉ *, 14, 4, 11; 2002 LQ₁₉ *, 7, 2, 2; 2002 LR₁₉ *, 8, 2, 2; 2002 LS₁₉ *, 9, 2, 2; 2002 LT₁₉ *, 8, 2, 2; 2002 LU₁₉ *, 7, 2, 2; 2002 LV₁₉ *, 7, 2, 2; 2002 LW₁₉ *, 10, 2, 2; 2002 LX₁₉ *, 10, 2, 2; 2002 LY₁₉ *, 9, 2, 2; 2002 LZ₁₉ *, 10, 2, 2; 2002 LA₂₀ *, 8, 2, 3; 2002 LB₂₀ *, 9, 2, 2; 2002 LC₂₀ *, 8, 2, 3; 2002 LD₂₀ *, 8, 2, 2; 2002 LE₂₀ *, 10, 2, 3; 2002 LF₂₀ *, 12, 3, 11; 2002 LG₂₀ *, 8, 2, 2; 2002 LH₂₀ *, 8, 2, 2; 2002 LJ₂₀ *, 7, 2, 2; 2002 LK₂₀ *, 6, 2, 2; 2002 LL₂₀ *, 9, 2, 2; 2002 LM₂₀ *, 6, 2, 2; 2002 LN₂₀ *, 18, 4, 6; 2002 LO₂₀ *, 7, 2, 2; 2002 LP₂₀ *, 9, 2, 3; 2002 LQ₂₀ *, 16, 4, 6; 2002 LR₂₀ *, 11, 3, 12; 2002 LS₂₀ *, 8, 2, 2; 2002 LT₂₀ *, 11, 3, 6; 2002 LU₂₀ *, 8, 2, 2; 2002 LV₂₀ *, 14, 4, 12; 2002 LW₂₀ *, 9, 2, 2; 2002 LX₂₀ *, 7, 2, 2; 2002 LY₂₀ *, 7, 2, 2; 2002 LZ₂₀ *, 15, 4, 12; 2002 LA₂₁ *, 11, 3, 12; 2002 LB₂₁ *, 10, 3, 5; 2002 LC₂₁ *, 12, 3, 11; 2002 LD₂₁ *, 19, 5, 28; 2002 LE₂₁ *, 15, 3, 4; 2002 LF₂₁ *, 25, 4, 454; 2002 LG₂₁ *, 17, 4, 12; 2002 LH₂₁ *, 13, 3, 12; 2002 LJ₂₁ *, 18, 5, 33; 2002 LK₂₁ *, 7, 2, 2; 2002 LL₂₁ *, 6, 2, 2; 2002 LM₂₁ *, 7, 2, 2; 2002

2002 LC₂₅ *, 11, 3, 9; 2002 LD₂₅ *, 7, 2, 26; 2002 LE₂₅ *, 23, 5, 66; 2002 LF₂₅ *, 5, 1, 0; 2002 LG₂₅ *, 19, 4, 40; 2002 LH₂₅ *, 5, 1, 0; 2002 LJ₂₅ *, 3, 1, 0; 2002 LK₂₅ *, 6, 2, 7; 2002 LL₂₅ *, 7, 2, 7; 2002 LM₂₅ *, 26, 6, 1480; 2002 LN₂₅ *, 18, 4, 32; 2002 LO₂₅ *, 10, 2, 5; 2002 LP₂₅ *, 7, 2, 5; 2002 LQ₂₅ *, 6, 2, 5; 2002 LR₂₅ *, 8, 2, 5; 2002 LS₂₅ *, 8, 2, 5; 2002 LT₂₅ *, 6, 2, 5; 2002 LU₂₅ *, 8, 2, 5; 2002 LV₂₅ *, 12, 3, 4; 2002 LW₂₅ *, 8, 2, 4; 2002 LX₂₅ *, 23, 5, 37; 2002 LY₂₅ *, 8, 2, 4; 2002 LZ₂₅ *, 9, 2, 4; 2002 LA₂₆ *, 8, 2, 4; 2002 LB₂₆ *, 7, 2, 4; 2002 LC₂₆ *, 9, 2, 4; 2002 LD₂₆ *, 9, 2, 4; 2002 LE₂₆ *, 8, 2, 4; 2002 LF₂₆ *, 7, 2, 4; 2002 LG₂₆ *, 9, 2, 4; 2002 LH₂₆ *, 9, 2, 4; 2002 LJ₂₆ *, 14, 3, 12; 2002 LK₂₆ *, 12, 3, 20; 2002 LL₂₆ *, 11, 3, 12; 2002 LM₂₆ *, 11, 3, 12; 2002 LN₂₆ *, 7, 2, 4; 2002 LO₂₆ *, 9, 2, 4; 2002 LP₂₆ *, 24, 6, 28; 2002 LQ₂₆ *, 8, 2, 4; 2002 LR₂₆ *, 8, 2, 4; 2002 LS₂₆ *, 8, 2, 4; 2002 LT₂₆ *, 11, 3, 5; 2002 LU₂₆ *, 12, 3, 7; 2002 LV₂₆ *, 23, 5, 480; 2002 LW₂₆ *, 20, 5, 453; 2002 LX₂₆ *, 12, 3, 7; 2002 LY₂₆ *, 11, 3, 7; 2002 LZ₂₆ *, 16, 4, 32; 2002 LA₂₇ *, 13, 3, 7; 2002 LB₂₇ *, 9, 2, 3; 2002 LC₂₇ *, 12, 3, 7; 2002 LD₂₇ *, 15, 3, 7; 2002 LE₂₇ *, 21, 3, 3; 2002 LF₂₇ *, 8, 2, 2; 2002 LG₂₇ *, 8, 2, 2; 2002 LH₂₇ *, 8, 2, 2; 2002 LJ₂₇ *, 10, 2, 2; 2002 LK₂₇ *, 18, 2, 2; 2002 LL₂₇ *, 11, 2, 2; 2002 LM₂₇ *, 7, 2, 2; 2002 LN₂₇ *, 7, 2, 2; 2002 LO₂₇ *, 12, 3, 4; 2002 LP₂₇ *, 6, 2, 2; 2002 LQ₂₇ *, 7, 2, 1; 2002 LR₂₇ *, 12, 3, 8; 2002 LS₂₇ *, 37, 8, 1014; 2002 LT₂₇ *, 9, 2, 1; 2002 LU₂₇ *, 13, 3, 7; 2002 LV₂₇ *, 8, 2, 1; 2002 LW₂₇ *, 7, 2, 1; 2002 LX₂₇ *, 14, 3, 5; 2002 LY₂₇ *, 7, 2, 1; 2002 LZ₂₇ *, 8, 2, 1; 2002 LA₂₈ *, 8, 2, 1; 2002 LB₂₈ *, 13, 2, 1; 2002 LC₂₈ *, 7, 2, 1; 2002 LD₂₈ *, 9, 2, 1; 2002 LE₂₈ *, 10, 3, 5; 2002 LF₂₈ *, 7, 2, 1; 2002 LG₂₈ *, 9, 2, 1; 2002 LH₂₈ *, 9, 2, 1; 2002 LJ₂₈ *, 8, 2, 1; 2002 LK₂₈ *, 11, 3, 9; 2002 LL₂₈ *, 11, 3, 7; 2002 LM₂₈ *, 9, 2, 1; 2002 LN₂₈ *, 7, 2, 1; 2002 LO₂₈ *, 10, 3, 4; 2002 LP₂₈ *, 12, 3, 4; 2002 LQ₂₈ *, 11, 3, 4; 2002 LR₂₈ *, 8, 2, 1; 2002 LS₂₈ *, 16, 4, 23; 2002 LT₂₈ *, 6, 2, 1; 2002 LU₂₈ *, 8, 2, 1; 2002 LV₂₈ *, 11, 3, 4; 2002 LW₂₈ *, 8, 2, 1; 2002 LX₂₈ *, 8, 2, 1; 2002 LY₂₈ *, 12, 3, 4; 2002 LZ₂₈ *, 16, 4, 9; 2002 LA₂₉ *, 14, 3, 4; 2002 LB₂₉ *, 12, 3, 4; 2002 LC₂₉ *, 11, 3, 4; 2002 LD₂₉ *, 8, 2, 1; 2002 LE₂₉ *, 11, 3, 5; 2002 LF₂₉ *, 13, 3, 4; 2002 LG₂₉ *, 19, 4, 8; 2002 LH₂₉ *, 12, 3, 8; 2002 LJ₂₉ *, 14, 4, 9; 2002 LK₂₉ *, 12, 3, 4; 2002 LL₂₉ *, 10, 3, 4; 2002 LM₂₉ *, 11, 3, 4; 2002 LN₂₉ *, 3, 1, 0; 2002 LO₂₉ *, 10, 2, 31; 2002 LP₂₉ *, 4, 1, 0; 2002 LQ₂₉ *, 4, 1, 0; 2002 LR₂₉ *, 4, 1, 0; 2002 LS₂₉ *, 10, 2, 4; 2002 LT₂₉ *, 3, 1, 0; 2002 LU₂₉ *, 10, 2, 3; 2002 LV₂₉ *, 4, 1, 0; 2002 LW₂₉ *, 14, 4, 499; 2002 LX₂₉ *, 8, 2, 32; 2002 LY₂₉ *, 3, 1, 0; 2002 LZ₂₉ *, 8, 2, 5; 2002 LA₃₀ *, 4, 1, 0; 2002 LB₃₀ *, 8, 2, 27; 2002 LC₃₀ *, 4, 1, 0; 2002 LD₃₀ *, 11, 3, 26; 2002 LE₃₀ *, 5, 1, 0; 2002 LA₃₁ *, 4, 1, 0; 2002 LB₃₁ *, 8, 2, 2; 2002 LC₃₁ *, 8, 2, 6; 2002 LD₃₁ *, 6, 2, 2; 2002 LE₃₁ *, 9, 2, 10; 2002 LF₃₁ *, 5, 1, 0; 2002 LG₃₁ *, 8, 2, 6; 2002 LH₃₁ *, 10, 3, 9; 2002 LI₃₁ *, 8, 2, 5; 2002 LJ₃₁ *, 9, 2, 5; 2002 LK₃₁ *, 8, 2, 5; 2002 LL₃₁ *, 10, 3, 9; 2002 LM₃₁ *, 14, 3, 9; 2002 LN₃₁ *, 6, 2, 3; 2002 LO₃₁ *, 7, 2, 3; 2002 LP₃₁ *, 11, 3, 10; 2002 LQ₃₁ *, 8, 2, 3; 2002 LR₃₁ *, 8, 2, 3; 2002 LS₃₁ *, 7, 2, 3; 2002 LT₃₁ *, 7, 2, 3; 2002 LU₃₁ *, 8, 2, 3; 2002 LV₃₁ *, 8, 2, 3; 2002 LW₃₁ *, 8, 2, 3; 2002 LX₃₁ *, 8, 2, 3; 2002 LY₃₁ *, 8, 2, 3; 2002 LZ₃₁ *, 8, 2, 3; 2002 LA₃₂ *, 7, 2, 3; 2002 LB₃₂ *, 8, 2, 3; 2002 LC₃₂ *, 6, 2, 1; 2002 LD₃₂ *, 12, 3, 8; 2002 LE₃₂ *, 11, 3, 8; 2002 LF₃₂ *, 9, 2, 2; 2002 LG₃₂ *, 11, 3, 5; 2002 LH₃₂ *, 5, 1, 0; 2002 LI₃₂ *, 18, 5, 1011; 2002 LJ₃₂ *, 5, 1, 0; 2002 LK₃₂ *, 4, 1, 0; 2002 LL₃₂ *, 12, 3, 4; 2002 LM₃₂ *, 13, 3, 13; 2002 LN₃₂ *, 14, 3, 27; 2002 LO₃₂ *, 8, 2, 19; 2002 LP₃₂ *, 4, 1, 0; 2002 LQ₃₂ *, 5, 1, 0; 2002 LR₃₂ *, 3, 1, 0; 2002 LS₃₂ *, 5, 1, 0; 2002 LT₃₂ *, 4, 1, 0; 2002 LU₃₂ *, 23, 5, 43; 2002 LV₃₂ *, 3, 1, 0; 2002 LW₃₂ *, 4, 1, 0; 2002 LX₃₂ *, 3, 1, 0; 2002 LY₃₂ *, 4, 1, 0; 2002 LZ₃₂ *, 5, 1, 0; 2002 LA₃₃ *, 4, 1, 0; 2002 LB₃₃ *, 23, 5, 43; 2002 LC₃₃ *, 3, 1, 0; 2002 LD₃₃ *, 4, 1, 0; 2002 LE₃₃ *, 5, 1, 0; 2002 LF₃₃ *, 7, 2, 20; 2002 LG₃₃ *, 4, 1, 0; 2002 LH₃₃ *, 4, 1, 0; 2002 LI₃₃ *, 4, 1, 0; 2002 LJ₃₃ *, 7, 2, 11; 2002 LK₃₃ *, 4, 1, 0; 2002 LL₃₃ *, 5, 1, 0; 2002 LM₃₃ *, 18, 4, 1538; 2002 LN₃₃ *, 9, 2, 11; 2002 LO₃₃ *, 6, 2, 26; 2002 LP₃₃ *, 4, 1, 0; 2002 LQ₃₃ *, 3, 1, 0; 2002 LR₃₃ *, 4, 1, 0; 2002 LS₃₃ *, 4, 1, 0; 2002 LT₃₃ *, 16, 4, 37; 2002 LU₃₃ *, 8, 2, 20; 2002 LV₃₃ *, 5, 1, 0; 2002 LW₃₃ *, 10, 3, 4; 2002 LX₃₃ *, 8, 2, 6; 2002 LY₃₃ *, 9, 2, 4; 2002 LZ₃₃ *, 8, 2, 4; 2002 LA₃₄ *, 9, 2, 4; 2002 LB₃₄ *, 8, 2, 3; 2002 LC₃₄ *, 9, 2, 2; 2002 LD₃₄ *, 8, 2, 2; 2002 LE₃₄ *, 8, 2, 2; 2002 LF₃₄ *, 9, 2, 2; 2002 LG₃₄ *, 8, 2, 2; 2002 LH₃₄ *, 8, 2, 2; 2002 LI₃₄ *, 8, 2, 1; 2002 LJ₃₄ *, 8, 2, 6; 2002 LK₃₄ *, 11, 3, 32; 2002 LL₃₄ *, 10, 3, 6; 2002 LM₃₄ *, 10, 3, 6; 2002 LN₃₄ *, 10, 2, 4; 2002 LO₃₄ *, 11, 3, 9; 2002 LP₃₄ *, 13, 3, 10; 2002 LQ₃₄ *, 7, 2, 4; 2002 LR₃₄ *, 7, 2, 4; 2002 LS₃₄ *, 8, 2, 4; 2002 LT₃₄ *, 7, 2, 4; 2002 LU₃₄ *, 9, 3, 10; 2002 LV₃₄ *, 7, 2, 4; 2002 LW₃₄ *, 8, 2, 3; 2002 LX₃₄ *, 9, 2, 4; 2002 LY₃₄ *, 4, 1, 0; 2002 LZ₃₄ *, 18, 3, 4; 2002 LA₃₅ *, 1, 0; 2002 LB₃₅ *, 18, 3, 4; 2002 LC₃₅ *, 5, 1, 0; 2002 LD₃₅ *, 3, 1, 0; 2002 LE₃₅ *, 3, 1, 0; 2002 LF₃₅ *, 30, 7, 1277; 2002 LG₃₅ *, 6, 2, 5; 2002 LH₃₅ *, 9, 2, 4; 2002 LI₃₅ *, 8, 2, 4; 2002 LJ₃₅ *, 10, 2, 4; 2002 LK₃₅ *, 6, 2, 4; 2002 LL₃₅ *, 7, 2, 4; 2002 LM₃₅ *, 7, 2, 4; 2002 LN₃₅ *, 7, 2, 4; 2002 LO₃₅ *, 8, 2, 4; 2002 LP₃₅ *, 10, 2, 4; 2002 LQ₃₅ *, 6, 2, 4; 2002 LR₃₅ *, 7, 2, 4; 2002 LS₃₅ *, 7, 2, 4; 2002 LT₃₅ *, 8, 2, 4; 2002 LU₃₅ *, 10, 2, 4; 2002 LV₃₅ *, 8, 2, 4; 2002 LW₃₅ *, 15, 4, 466; 2002 LX₃₅ *, 8, 2, 4; 2002 LY₃₅ *, 9, 2, 4; 2002 LZ₃₅ *, 8, 2, 4; 2002 LA₃₆ *, 8, 2, 4; 2002 LB₃₆ *, 9, 2, 4; 2002 LC₃₆ *, 9, 2, 4; 2002 LD₃₆ *, 9, 2, 4; 2002 LE₃₆ *, 10, 2, 4; 2002 LF₃₆ *, 9, 2, 4; 2002 LG₃₆ *, 10, 2, 4; 2002 LH₃₆ *, 7, 2, 4; 2002 LI₃₆ *, 7, 2, 4; 2002 LJ₃₆ *, 7, 2, 4; 2002 LK₃₆ *, 9, 2, 4; 2002 LM₃₆ *, 34, 8, 886; 2002 LN₃₆ *, 9, 2, 4; 2002 LO₃₆ *, 7, 2, 4; 2002 LP₃₆ *, 9, 2, 4; 2002 LQ₃₆ *, 9, 2, 4; 2002 LR₃₆ *, 9, 2, 4; 2002 LS₃₆ *, 7, 2, 4; 2002 LT₃₆ *, 8, 2, 4; 2002 LU₃₆ *, 8, 2, 4; 2002 LV₃₆ *, 7, 2, 4; 2002 LW₃₆ *, 6, 2, 4; 2002 LX₃₆ *, 9, 2, 4; 2002 LY₃₆ *, 8, 2, 4; 2002 LZ₃₆ *, 7, 2, 4; 2002 LA₃₇ *, 7, 2, 4; 2002 LB₃₇ *, 8, 2, 4; 2002 LC₃₇ *, 7, 2, 3; 2002 LD₃₇ *, 7, 2, 3; 2002 LE₃₇ *, 8, 2, 3; 2002 LF₃₇ *, 7, 2, 3; 2002 LG₃₇ *, 9, 2, 3; 2002 LH₃₇ *, 8, 2, 3; 2002 LI₃₇ *, 8, 2, 3; 2002 LJ₃₇ *, 6, 2, 2; 2002 LK₃₇ *, 6, 2, 2; 2002 LL₃₇ *, 7, 2, 2; 2002 LM₃₇ *, 9, 2, 1; 2002 LN₃₇ *, 14, 3, 4; 2002 LO₃₇ *, 9, 2, 1; 2002 LP₃₇ *, 10, 3, 3; 2002 LQ₃₇ *, 9, 2, 1; 2002 LR₃₇ *, 7, 2, 1; 2002 LS₃₇ *, 6, 2, 1; 2002 LT₃₇ *, 8, 2, 1; 2002 LU₃₇ *, 8, 2, 1; 2002 LV₃₇ *, 10, 3, 3; 2002 LW₃₇ *, 6, 2, 1; 2002 LX₃₇ *, 11, 3, 4; 2002 LY₃₇ *, 10, 3, 4; 2002 LZ₃₇ *, 7, 2, 1; 2002 LA₃₈ *, 12, 3, 28; 2002 LB₃₈ *, 9, 2, 4; 2002 LC₃₈ *, 5, 1, 0; 2002 LD₃₈ *, 4, 1, 0; 2002 LE₃₈ *, 4, 1, 0; 2002 LF₃₈ *, 4, 1, 0; 2002 LG₃₈ *, 4, 1, 0; 2002 LH₃₈ *, 5, 1, 0; 2002 LI₃₈ *, 7, 2, 4; 2002 LJ₃₈ *, 7, 2, 4; 2002 LK₃₈ *, 7, 2, 4; 2002 LM₃₈ *, 7, 2, 4; 2002 LN₃₈ *, 10, 2, 4; 2002 LO₃₈ *, 8, 2, 7; 2002 LP₃₈ *, 9, 2, 7; 2002 LQ₃₈ *, 8, 2, 7; 2002 LR₃₈ *, 13, 3, 7; 2002 LS₃₈ *, 9, 2, 5; 2002 LT₃₈ *, 7, 2, 5; 2002 LU₃₈ *, 9, 2, 5; 2002 LV₃₈ *, 9, 2, 5; 2002 LW₃₈ *, 7, 2, 5; 2002 LX₃₈ *, 6, 2, 5; 2002 LY₃₈ *, 9, 2, 5; 2002 LZ₃₈ *, 13, 3, 7; 2002 LA₃₉ *, 9, 2, 5; 2002 LB₃₉ *, 7, 2, 5; 2002 LC₃₉ *, 6, 2, 5; 2002 LD₃₉ *, 9,

3, 38; 2002 LE₃₉ *, 13, 3, 27; 2002 LF₃₉ *, 9, 2, 4; 2002 LG₃₉ *, 10, 2, 4; 2002 LH₃₉ *, 10, 2, 4; 2002 LI₃₉ *, 9, 2, 4; 2002 LJ₃₉ *, 9, 2, 4; 2002 LK₃₉ *, 9, 2, 4; 2002 LL₃₉ *, 23, 5, 1515; 2002 LM₃₉ *, 9, 2, 4; 2002 LN₃₉ *, 10, 2, 4; 2002 LO₃₉ *, 8, 2, 4; 2002 LP₃₉ *, 18, 4, 37; 2002 LQ₃₉ *, 8, 2, 4; 2002 LR₃₉ *, 10, 2, 4; 2002 LS₃₉ *, 10, 2, 4; 2002 LT₃₉ *, 18, 4, 36; 2002 LU₃₉ *, 9, 2, 4; 2002 LV₃₉ *, 8, 2, 4; 2002 LW₃₉ *, 8, 2, 4; 2002 LX₃₉ *, 9, 2, 4; 2002 LY₃₉ *, 10, 2, 4; 2002 LZ₃₉ *, 10, 2, 4; 2002 LA₄₀ *, 9, 2, 4; 2002 LB₄₀ *, 13, 3, 33; 2002 LC₄₀ *, 9, 2, 4; 2002 LD₄₀ *, 9, 2, 4; 2002 LE₄₀ *, 10, 2, 4; 2002 LF₄₀ *, 8, 2, 4; 2002 LG₄₀ *, 7, 2, 4; 2002 LH₄₀ *, 10, 2, 4; 2002 LI₄₀ *, 10, 2, 4; 2002 LJ₄₀ *, 11, 3, 27; 2002 LK₄₀ *, 14, 3, 37; 2002 LM₄₀ *, 10, 2, 4; 2002 LN₄₀ *, 10, 2, 4; 2002 LO₄₀ *, 10, 2, 4; 2002 LP₄₀ *, 9, 2, 4; 2002 LQ₄₀ *, 8, 2, 4; 2002 LR₄₀ *, 10, 2, 4; 2002 LS₄₀ *, 9, 2, 4; 2002 LT₄₀ *, 9, 2, 4; 2002 LU₄₀ *, 9, 2, 4; 2002 LV₄₀ *, 10, 2, 4; 2002 LW₄₀ *, 10, 2, 4; 2002 LX₄₀ *, 10, 2, 4; 2002 LY₄₀ *, 10, 2, 4; 2002 LZ₄₀ *, 10, 2, 4; 2002 LA₄₁ *, 10, 2, 4; 2002 LB₄₁ *, 8, 2, 4; 2002 LC₄₁ *, 8, 2, 4; 2002 LD₄₁ *, 6, 2, 4; 2002 LE₄₁ *, 7, 2, 4; 2002 LF₄₁ *, 8, 2, 4; 2002 LG₄₁ *, 10, 2, 4; 2002 LH₄₁ *, 10, 2, 4; 2002 LI₄₁ *, 10, 2, 4; 2002 LJ₄₁ *, 10, 2, 4; 2002 LK₄₁ *, 10, 2, 4; 2002 LL₄₁ *, 8, 2, 4; 2002 LM₄₁ *, 9, 2, 4; 2002 LN₄₁ *, 9, 2, 4; 2002 LO₄₁ *, 9, 2, 4; 2002 LP₄₁ *, 9, 2, 4; 2002 LQ₄₁ *, 9, 2, 4; 2002 LR₄₁ *, 9, 2, 4; 2002 LS₄₁ *, 7, 2, 4; 2002 LT₄₁ *, 9, 2, 4; 2002 LU₄₁ *, 8, 2, 4; 2002 LV₄₁ *, 7, 2, 4; 2002 LW₄₁ *, 10, 2, 4; 2002 LX₄₁ *, 8, 2, 4; 2002 LY₄₁ *, 9, 2, 4; 2002 LZ₄₁ *, 7, 2, 4; 2002 LA₄₂ *, 9, 2, 4; 2002 LB₄₂ *, 9, 2, 4; 2002 LC₄₂ *, 13, 3, 37; 2002 LD₄₂ *, 8, 2, 4; 2002 LE₄₂ *, 7, 2, 4; 2002 LF₄₂ *, 8, 2, 4; 2002 LG₄₂ *, 8, 2, 4; 2002 LH₄₂ *, 9, 2, 4; 2002 LI₄₂ *, 8, 2, 4; 2002 LJ₄₂ *, 8, 2, 4; 2002 LK₄₂ *, 8, 2, 4; 2002 LM₄₂ *, 8, 2, 4; 2002 LN₄₂ *, 6, 2, 4; 2002 LO₄₂ *, 8, 2, 4; 2002 LP₄₂ *, 7, 2, 4; 2002 LQ₄₂ *, 8, 2, 4; 2002 LR₄₂ *, 12, 3, 7; 2002 LS₄₂ *, 7, 2, 4; 2002 LT₄₂ *, 7, 2, 4; 2002 LU₄₂ *, 9, 2, 4; 2002 LV₄₂ *, 8, 2, 4; 2002 LW₄₂ *, 9, 2, 4; 2002 LX₄₂ *, 8, 2, 4; 2002 LY₄₂ *, 9, 2, 4; 2002 LZ₄₂ *, 8, 2, 4; 2002 LA₄₃ *, 9, 2, 4; 2002 LB₄₃ *, 8, 2, 4; 2002 LC₄₃ *, 9, 2, 4; 2002 LD₄₃ *, 9, 2, 4; 2002 LE₄₃ *, 9, 2, 4; 2002 LF₄₃ *, 9, 2, 4; 2002 LG₄₃ *, 8, 2, 4; 2002 LH₄₃ *, 7, 2, 4; 2002 LI₄₃ *, 9, 2, 4; 2002 LJ₄₃ *, 9, 2, 4; 2002 LK₄₃ *, 8, 2, 4; 2002 LM₄₃ *, 9, 2, 4; 2002 LN₄₃ *, 9, 2, 4; 2002 LO₄₃ *, 8, 2, 4; 2002 LP₄₃ *, 9, 2, 4; 2002 LQ₄₃ *, 9, 2, 4; 2002 LR₄₃ *, 8, 2, 4; 2002 LS₄₃ *, 8, 2, 4; 2002 LT₄₃ *, 9, 2, 4; 2002 LU₄₃ *, 8, 2, 4; 2002 LV₄₃ *, 6, 2, 4; 2002 LW₄₃ *, 10, 3, 1283; 2002 LX₄₃ *, 7, 2, 4; 2002 LY₄₃ *, 7, 2, 4; 2002 LZ₄₃ *, 8, 2, 4; 2002 LA₄₄ *, 7, 2, 4; 2002 LB₄₄ *, 8, 2, 4; 2002 LC₄₄ *, 4, 1, 0; 2002 LD₄₄ *, 4, 1, 0; 2002 LE₄₄ *, 4, 1, 0; 2002 LF₄₄ *, 5, 1, 0; 2002 LG₄₄ *, 3, 1, 0; 2002 LH₄₄ *, 4, 1, 0; 2002 LI₄₄ *, 4, 1, 0; 2002 LJ₄₄ *, 9, 2, 28; 2002 LK₄₄ *, 4, 1, 0; 2002 LM₄₄ *, 3, 1, 0; 2002 LN₄₄ *, 4, 1, 0; 2002 LO₄₄ *, 4, 1, 0; 2002 LP₄₄ *, 4, 1, 0; 2002 LQ₄₄ *, 3, 1, 0; 2002 LR₄₄ *, 4, 1, 0; 2002 LS₄₄ *, 5, 1, 0; 2002 LT₄₄ *, 4, 1, 0; 2002 LU₄₄ *, 7, 1, 0; 2002 LV₄₄ *, 4, 1, 0; 2002 LW₄₄ *, 15, 4, 488; 2002 LX₄₄ *, 4, 1, 0; 2002 LY₄₄ *, 4, 1, 0; 2002 LZ₄₄ *, 4, 1, 0; 2002 LA₄₅ *, 5, 1, 0; 2002 LB₄₅ *, 9, 2, 28; 2002 LC₄₅ *, 5, 1, 0; 2002 LD₄₅ *, 8, 1, 0; 2002 LE₄₅ *, 4, 1, 0; 2002 LF₄₅ *, 9, 2, 28; 2002 LG₄₅ *, 5, 1, 0; 2002 LH₄₅ *, 5, 1, 0; 2002 LI₄₅ *, 8, 1, 0; 2002 LJ₄₅ *, 4, 1, 0; 2002 LK₄₅ *, 4, 1, 0; 2002 LM₄₅ *, 4, 1, 0; 2002 LN₄₅ *, 9, 2, 2; 2002 LO₄₅

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(41260), 16, 4, 6; (41264), 27, 6, 28; (41265), 8, 2, 6; (41266), 4, 1, 0; (41269), 15, 3, 19; (41270), 18, 4, 6; (41271), 16, 4, 19; (41272), 18, 4, 6; (41274), 5, 1, 0; (41276), 8, 2, 8; (41277), 10, 2, 4; (41278), 11, 3, 4; (41280), 13, 3, 3; (41281), 12, 3, 6; (41284), 14, 3, 5; (41285), 20, 5, 22; (41287), 19, 4, 10; (41288), 10, 2, 4; (41297), 4, 1, 0; (41299), 15, 3, 12; (41300), 13, 3, 11; (41304), 11, 3, 5; (41305), 8, 2, 8; (41308), 20, 5, 24; (41309), 9, 2, 1; (41310), 11, 3, 5; (41313), 19, 4, 7; (41314), 8, 2, 15; (41316), 22, 5, 11; (41317), 13, 3, 4; (41318), 26, 6, 28; (41320), 8, 2, 11; (41322), 4, 1, 0; (41323), 10, 3, 7; (41324), 11, 3, 5; (41326), 10, 2, 4; (41327), 30, 6, 28; (41332), 9, 2, 9; (41333), 10, 3, 10; (41335), 10, 3, 8; (41337), 10, 2, 4; (41343), 4, 1, 0; (41344), 17, 4, 7; (41345), 7, 2, 28; (41346), 22, 5, 21; (41347), 16, 4, 6; (41349), 14, 3, 5; (41351), 5, 1, 0; (41352), 14, 3, 10; (41360), 29, 6, 28; (41361), 4, 1, 0; (41362), 10, 2, 4; (41363), 9, 2, 6; 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(41649), 19, 5, 28; (41654), 4, 1, 0; (41655), 4, 1, 0; (41658), 4, 1, 0; (41660), 5, 1, 0; (41668), 14, 3, 19; (41671), 4, 1, 0; (41672), 8, 2, 5; (41675), 4, 1, 0; (41676), 15, 3, 19; (41677), 8, 2, 2; (41686), 4, 1, 0; (41690), 3, 1, 0; (41693), 18, 4, 7; (41697), 9, 2, 18; (41699), 5, 1, 0; (41705), 17, 4, 5; (41709), 3, 1, 0; (41711), 5, 1, 0; (41712), 5, 1, 0; (41714), 9, 2, 1; (41720), 7, 2, 18; (41722), 5, 1, 0; (41725), 8, 2, 5; (41733), 10, 2, 4; (41734), 12, 2, 11; (41737), 4, 1, 0; (41738), 8, 2, 28; (41740), 32, 7, 28; (41748), 9, 2, 1; (41760), 23, 4, 20; (41764), 24, 5, 21; (41765), 10, 2, 2; (41767), 13, 2, 8; (41769), 13, 3, 11; (41770), 7, 2, 3; (41772), 4, 1, 0; (41779), 8, 2, 4; (41783), 9, 2, 11; (41789), 8, 2, 4; (41793), 3, 1, 0; (41795), 4, 1, 0; (41799), 3, 1, 0; (41800), 26, 4, 5; (41802), 5, 1, 0; (41808), 3, 1, 0; (41811), 5, 1, 0; (41815), 3, 1, 0; (41817), 8, 2, 5; (41819), 9, 2, 7; (41822), 4, 1, 0; (41824), 4, 1, 0; (41825), 12, 3, 12; (41827), 5, 1, 0; 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(42125), 20, 3, 13; (42126), 28, 6, 28; (42127), 14, 3, 18; (42132), 15, 3, 11; (42136), 18, 4, 19; (42137), 14, 3, 28; (42138), 5, 1, 0; (42140), 7, 2, 9; (42141), 3, 1, 0; (42142), 7, 2, 8; (42147), 9, 2, 11; (42148), 5, 1, 0; (42150), 9, 2, 1; (42153), 8, 2, 4; (42154), 3, 1, 0; (42157), 3, 1, 0; (42161), 18, 4, 21; (42167), 4, 1, 0; (42170), 8, 2, 4; (42173), 8, 2, 17; (42175), 3, 1, 0; (42180), 4, 1, 0; (42183), 3, 1, 0; (42184), 23, 3, 20; (42185), 16, 4, 5; (42189), 13, 3, 19; (42192), 12, 3, 7; (42193), 10, 2, 4; (42195), 3, 1, 0; (42196), 17, 4, 11; (42199), 3, 1, 0; (42205), 15, 4, 7; (42206), 16, 4, 6; (42208), 5, 1, 0; (42211), 11, 3, 5; (42212), 26, 6, 28; (42217), 3, 1, 0; (42218), 17, 4, 18; (42219), 4, 1, 0; (42224), 8, 2, 9; (42225), 5, 1, 0; (42228), 10, 2, 4; (42229), 15, 3, 16; (42231), 7, 2, 4; (42232), 10, 2, 8; (42233), 3, 1, 0; (42234), 8, 2, 11; (42235), 12, 3, 13; (42239), 21, 5, 10; (42240), 4, 1, 0; (42242), 3, 1, 0; (42243), 11, 3, 16; (42245), 5, 1, 0; (42248), 21, 4, 10; (42344), 8, 2, 15; (42347), 5, 1, 0; (42373),

4, 1, 0; (42374), 4, 1, 0; (42376), 22, 5, 17; (42379), 10, 2, 11; (42419), 3, 1, 0; (42426), 4, 1, 0; (42427), 4, 1, 0; (42433), 10, 2, 443; (42436), 8, 2, 1; (42438), 21, 5, 11; (42439), 3, 1, 0; (42442), 3, 1, 0; (42448), 10, 2, 1; (42449), 7, 2, 1; (42453), 17, 4, 22; (42458), 3, 1, 0; (42461), 13, 3, 10; (42463), 9, 2, 13; [222588, 23030, 3322*, 1997/03/04-2002/06/20]

711 McDonald Observatory

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

Observer E. S. Barker

Measurer J. G. Ries

0.76-m reflector + CCD

USNO-A2.0

2002 GC₆₇, 3, 1, 0; 2002 GN₁₂₀, 3, 1, 0; 2002 LJ₂₇, 3, 1, 0; [9, 3, 0*, 2002/04/16-2002/06/13]

715 Jornada Observatory

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

[ddixon@lascruces.com]

0.3-m $f/3.5$ Schmidt-Cassegrain + CCD, 0.4-m Schmidt-Cassegrain + CCD

USNO-A2.0

2002 GR, 3, 1, 0; 2002 GO₅, 3, 1, 0; 2002 GZ₈, 3, 1, 0; 2002 JX₈, 3, 1, 0; 2002 JZ₈, 3, 1, 0; 2002 JA₉, 3, 1, 0; 2002 JY₄₅, 3, 1, 0; 2002 JN₉₇, 9, 3, 18; 2002 JQ₉₇, 3, 1, 0; 2002 JR₁₀₀, 6, 2, 9; 2002 KK₃, 3, 1, 0; 2002 KM₃, 3, 1, 0; 2002 KF₄, 3, 1, 0; 2002 LG₃, 3, 1, 0; 2002 LT₃₈, 3, 1, 0; (36219), 3, 1, 0; [57, 16, 0*, 2002/05/21-2002/06/17]

734 Farpoint Observatory, Eskridge

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

0.30-m Schmidt-Cassegrain + CCD

USNO-SA2.0

1999 VY₂₅, 2, 1, 0; 1999 XY₆₅, 5, 1, 0; 2000 YU₂₉, 3, 1, 0; 2001 RK₁₅₃, 3, 1, 0; 2001 SP₃₄₇, 2, 1, 0; 2001 TB₂₃₈ *, 2, 1, 0; 2002 CE₁₂₅, 2, 1, 0; 2002 FX₅, 2, 1, 0; 2002 FY₅, 2, 1, 0; 2002 GT, 2, 1, 0; 2002 GW₈₀, 2, 1, 0; 2002 JD, 2, 1, 0; 2002 JE₁, 2, 1, 0; 2002 JY₇, 3, 1, 0; 2002 JJ₅₂, 3, 1, 0; 2002 JB₈₀, 4, 1, 0; 2002 JY₁₀₈, 2, 1, 0; 2002 KM₆, 3, 1, 0; 2002 KJ₈, 2, 1, 0; 2002 KK₈, 2, 1, 0; 2002 KE₁₃ *, 2, 1, 0; 2002 LJ, 2, 1, 0; 2002 LL, 2, 1, 0; 2002 LM, 2, 1, 0; 2002 LV, 2, 1, 0; 2002 LS₂, 2, 1, 0; 2002 LG₃, 2, 1, 0; 2002 LH₃, 2, 1, 0; 2002 LJ₃, 2, 1, 0; 2002 LY₄₅, 2, 1, 0; 2002 LZ₄₅, 2, 1, 0; 2002 LC₅₈, 2, 1, 0; [74, 32, 2*, 2000/12/24-2002/06/15]

735 George Observatory, Needville

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

[bdillon@houston.geoquest.slb.com]

Observers J. Dellinger, W. G. Dillon, D. Wells, L. Casady, B. Gillock

Measurers J. Dellinger, W. G. Dillon, L. Casady

0.46-m reflector + CCD

USNO-A2.0, USNO-SA2.0

1995 YZ₄, 3, 1, 0; 1998 DK₁₅, 3, 1, 0; 1998 FK₆, 3, 1, 0; 1998 HG₁₈, 3, 1, 0; 1999 PR₁, 3, 1, 0; 1999 RE₁₄₂, 3, 1, 0; 1999 RB₁₉₃, 3, 1, 0; 1999 TJ₁₃₉, 3, 1, 0; 1999 TL₂₃₃, 9, 3, 5; 1999 VY₁₆₂, 3, 1, 0; 1999 XV₄₄, 3, 1, 0; 2000 UR₃₄, 3, 1, 0; 2000 WB₈₈, 2, 1, 0; 2000 WN₁₄₃, 3, 1, 0; 2001 AM₃₆, 3, 1, 0; 2001 FT₇₂, 6, 2, 6; 2001 US₁₉₆ *, 3, 1, 0; 2002 CG₁₉₉, 3, 1, 0; 2002 EZ₂₂, 3, 1, 0; 2002 EV₁₀₄, 3, 1, 0; 2002 FU₃₄, 3, 1, 0; 2002 GH₅₂, 3, 1, 0; 2002 GX₁₀₉, 6, 2, 12; 2002 GO₁₃₉ *, 3, 1, 0; 2002 HN₁₂, 9, 2, 28; 2002 JX₁₀, 3, 1, 0; 2002 JL₁₃, 3, 1, 0; 2002 JN₄₇, 2, 1, 0; 2002 JA₅₀, 3, 1, 0; 2002 JJ₅₀, 3, 1, 0; 2002 JL₅₀, 3, 1, 0; 2002 JB₅₉, 6, 2, 2; 2002 JZ₉₀, 3, 1, 0; 2002 JA₉₁, 3, 1, 0; 2002 JE₉₆, 3, 1, 0; 2002 JZ₁₀₅, 3, 1, 0; 2002 KO₃ *, 8, 3, 6; 2002 KP₃ *, 9, 3, 13; 2002 LB₂, 3, 1, 0; 2002 LH₂₃, 2, 1, 0; 2002 LL₅₅ *, 5, 2, 5; 2002 MM *, 5, 2, 1; (1119), 2, 1, 0; (2788), 3, 1, 0; (3962), 3, 1, 0; (8303), 6, 2, 5; (8876), 2, 1, 0; (15329), 3, 1, 0; (16078), 2, 1, 0; (17651), 6, 2, 5; (19658), 3, 1, 0; (22211), 3, 1, 0; (23256), 5, 2, 3; (25555), 2, 1, 0; (25586), 2, 1, 0; (34681), 3, 1, 0; (39728), 6, 2, 2; (39915), 3, 1, 0; (40708), 6, 2, 2; (41082), 2, 1, 0; (41693), 3, 1, 0; (42073), 3, 1, 0; [227, 62, 6*, 2001/02/18-2002/06/17]

785 Fitz-Randolph Observatory, Princeton

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Observers A. Willman, J. Maffei, H. Ashley

Measurers A. Willman, J. Maffei
0.91-m Cassegrain reflector + CCD
USNO-A2.0

1998 JY₅, 2, 1, 0; 1998 QB₃, 2, 1, 0; 1999 JN₈₁, 3, 1, 0; 1999 TD₃₅, 4, 2, 1; 2000 UB₁₂, 3, 1, 0; 2000 YU₁₉, 2, 1, 0; (343), 4, 1, 0; (364), 3, 1, 0; (384), 4, 1, 0; (471), 7, 2, 5; (599), 5, 2, 5; (715), 2, 1, 0; (4764), 4, 1, 0; (35183), 4, 1, 0; (37703), 3, 1, 0; (37837), 5, 1, 0; (38485), 3, 1, 0; (40101), 2, 1, 0; [65, 18, 0*, 2002/02/14–2002/06/20]

807 Cerro Tololo

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

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

Observers J. L. Elliot (1), L. H. Wasserman (1), I. Dell'Antonio (3),
V. Margoniner (3), D. Loomba (3), G. Wilson (3)

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

4-m Blanco reflector + CCD
USNO-A2.0

{1} 1999 CF₁₁₆, 2, 1, 0; 2000 WF₁₆₆, 2, 1, 0; 2001 QL₃₂₅, 2, 1, 0; 2001 QM₃₂₅, 2, 1, 0; 2001 QN₃₂₅, 2, 1, 0; 2001 QO₃₂₅, 2, 1, 0; 2001 QP₃₂₅, 2, 1, 0; 2001 QQ₃₂₅, 2, 1, 0; 2001 QR₃₂₅, 2, 1, 0; 2001 QS₃₂₅, 2, 1, 0; 2001 QT₃₂₅ *, 4, 2, 1; 2001 QU₃₂₅ *, 4, 2, 1; 2001 QV₃₂₅ *, 4, 2, 1; 2001 QW₃₂₅ *, 4, 2, 1; 2001 QX₃₂₅ *, 4, 2, 2; 2001 QY₃₂₅, 2, 1, 0; 2001 QZ₃₂₅ *, 4, 2, 1; 2001 QA₃₂₆ *, 4, 2, 2; 2001 QB₃₂₆ *, 4, 2, 2; 2001 QC₃₂₆ *, 4, 2, 2; 2001 QD₃₂₆ *, 4, 2, 2; 2001 QE₃₂₆ *, 4, 2, 1; 2001 QF₃₂₆ *, 4, 2, 1; 2001 QG₃₂₆ *, 4, 2, 1; 2001 QH₃₂₆ *, 4, 2, 1; 2001 QJ₃₂₆ *, 4, 2, 1; 2001 QK₃₂₆ *, 4, 2, 1; 2001 QL₃₂₆ *, 4, 2, 1; 2001 QM₃₂₆ *, 4, 2, 1; 2001 QN₃₂₆ *, 2, 1, 0; 2001 QO₃₂₆ *, 4, 2, 1; 2001 QP₃₂₆ *, 2, 1, 0; 2001 RQ₁₁₃, 2, 1, 0; 2001 RO₁₅₂, 2, 1, 0; 2001 SV₁₆₅, 2, 1, 0; 2001 SP₁₈₄, 2, 1, 0; 2001 WS₈₄, 2, 1, 0; 2001 XK₂₀₂, 2, 1, 0; 2001 XR₂₃₉, 2, 1, 0; 2002 AO₉₃, 2, 1, 0; 2002 AZ₁₀₄, 2, 1, 0; 2002 BX₁₄, 2, 1, 0; 2002 CY₇₂, 2, 1, 0; 2002 CR₁₂₉, 2, 1, 0; 2002 CE₁₄₅, 2, 1, 0; 2002 CR₂₆₇, 2, 1, 0; 2002 ES₁₀₈, 2, 1, 0; 2002 FP₁₄, 2, 1, 0; 2002 GO₂₉, 2, 1, 0; 2002 GB₃₉, 4, 1, 0; 2002 GZ₄₁, 2, 1, 0; 2002 GD₄₂, 2, 1, 0; 2002 GE₄₂, 2, 1, 0; 2002 GA₄₅, 2, 1, 0; 2002 GG₄₅, 2, 1, 0; 2002 GV₄₈, 2, 1, 0; 2002 GW₅₄, 2, 1, 0; 2002 GM₅₅, 2, 1, 0; 2002 GL₆₀, 2, 1, 0; 2002 GT₆₄, 2, 1, 0; 2002 GX₆₅, 2, 1, 0; 2002 GF₆₆, 2, 1, 0; 2002 GA₆₇, 2, 1, 0; 2002 GA₇₆, 2, 1, 0; 2002 GG₈₅, 4, 2, 1; 2002 GB₉₀, 2, 1, 0; 2002 GH₉₁, 2, 1, 0; 2002 GJ₉₁, 2, 1, 0; 2002 GJ₉₃, 2, 1, 0; 2002 GF₁₀₀, 2, 1, 0; 2002 GH₁₀₀, 2, 1, 0; 2002 GS₁₀₂, 2, 1, 0; 2002 GF₁₀₃, 2, 1, 0; 2002 GB₁₁₀, 2, 1, 0; 2002 GD₁₁₀, 2, 1, 0; 2002 GS₁₁₉, 2, 1, 0; 2002 GN₁₂₀, 2, 1, 0; 2002 GC₁₂₆, 2, 1, 0; 2002 GG₁₂₈, 2, 1, 0; 2002 GZ₁₂₉, 2, 1, 0; 2002 GF₁₃₁, 2, 1, 0; 2002 GY₁₃₄, 2, 1, 0; 2002 GQ₁₃₅, 2, 1, 0; 2002 GK₁₃₈, 2, 1, 0; 2002 GE₁₃₉, 2, 1, 0; 2002 GA₁₄₀, 2, 1, 0; 2002 GT₁₄₀, 3, 1, 0; 2002 GM₁₄₁, 2, 1, 0; 2002 GE₁₄₂, 2, 1, 0; 2002 GF₁₄₂, 2, 1, 0; 2002 GU₁₄₉, 2, 1, 0; 2002 GJ₁₅₉, 2, 1, 0; 2002 GP₁₆₄, 2, 1, 0; 2002 GG₁₆₆ *, 2, 1, 0; 2002 GH₁₆₆ *, 2, 1, 0; 2002 GJ₁₆₆ *, 2, 1, 0; 2002 HM₁₅, 2, 1, 0; 2002 JP₃, 2, 1, 0; 2002 JG₁₂, 2, 1, 0; 2002 JD₁₈, 2, 1, 0; 2002 JG₂₃, 2, 1, 0; 2002 JP₂₇, 2, 1, 0; 2002 JJ₄₂, 2, 1, 0; 2002 JO₄₅, 2, 1, 0; 2002 JK₄₆, 2, 1, 0; 2002 JZ₅₁, 2, 1, 0; 2002 JG₅₂, 2, 1, 0; 2002 JJ₅₂, 2, 1, 0; 2002 JO₅₅, 2, 1, 0; 2002 JL₈₁, 2, 1, 0; 2002 JR₈₂, 2, 1, 0; 2002 JE₈₅, 2, 1, 0; 2002 JH₉₀, 2, 1, 0; 2002 JJ₉₅, 2, 1, 0; 2002 JG₁₃₄, 2, 1, 0; 2002 JH₁₃₄, 2, 1, 0; 2002 KQ₁, 2, 1, 0; 2002 KX₂, 2, 1, 0; [279, 118, 24*, 2000/07/29–2002/04/09]

{3} 1998 FV₁₂₂, 5, 1, 0; 1999 RK₁₁₃, 4, 1, 0; 2002 ET₁₃, 3, 1, 0; 2002 GJ₁₃, 4, 1, 0; 2002 GB₃₉, 4, 1, 0; 2002 GS₄₇, 4, 1, 0; 2002 GB₄₉, 3, 1, 0; 2002 GP₆₉, 3, 1, 0; 2002 JN₇₈, 4, 1, 0; [34, 9, 0*, 2002/01/10–2002/02/18]

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]

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

0.5-m $f/7.5$ double astrograph + CCD
USNO-SA2.0

2000 XX₂₃, 2, 1, 0; 2000 XE₃₃, 2, 1, 0; 2000 YL₆₀, 4, 2, 5; 2001 CJ₃₈, 4, 2, 5; 2001 FZ₅₇, 2, 1, 0; 2001 XN₂₅₄, 6, 2, 7; 2002 HK₁₂, 2, 1, 0; 2002 JQ₉, 16, 2, 1; 2002 LH₃, 2, 1, 0; 2002 MZ *, 9, 3, 2; (1685), 2, 1, 0; (4341), 2, 1, 0; (5604), 2, 1, 0; (9797), 2, 1, 0; [57, 14, 1*, 2002/05/06–2002/06/18]

809 European Southern Observatory

H. Debehogne, Observatoire Royal de Belgique, Avenue Circulaire 3, B-1180
Brussels, Belgium [henri@astro.oma.be] (3)

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

7 = 3 + 4

C.-I. Lagerkvist, Uppsala Observatory, Box 515, S-75120 Uppsala, Sweden
[classe@astro.uu.se] (8)

A. Boattini, Istituto di Astrofisica Spaziale, Via Fosso del Cavaliere, I-00133 Rome,
Italy [boattini@ias.rm.cnr.it] (9)

Observers P. Rousselot, H. Debehogne, C.-I. Lagerkvist, M. Lindgren, G. Pizarro,
O. Pizarro, T. Kranz, C. Wolf, A. Boattini

Measurers P. Rousselot, E. W. Elst, O. Hernius, C.-I. Lagerkvist, O. Hainaut,
T. Kranz, C. Wolf, A. Boattini, G. Hahn, M. Carpino

1.0-m Schmidt, 2.2-m $f/8$ reflector + CCD, 1.5-m reflector + CCD
DSS, USNO-A2.0, GSC, USNO-SA2.0

{4} 1996 GX₁₇, 3, 1, 0; 1996 HC₂₃, 3, 1, 0; 1997 MD₁, 6, 2, 7; 1997 WO₅₄, 3, 1, 0; 1999 LG₁₁, 3, 1, 0; 1999 VV₅₁, 3, 1, 0; 1999 VW₁₂₁, 3, 1, 0; 2000 EN₁₂₁, 3, 1, 0; 2000 QZ₈₃, 3, 1, 0; 2000 TC₂₃, 3, 1, 0; 2000 WP₁₁₄, 3, 1, 0; 2000 YR₇₈, 3, 1, 0; 2001 AY₃₈, 3, 1, 0; 2001 FG₅₁, 3, 1, 0; 2001 FL₁₁₂, 3, 1, 0; 2001 FV₁₆₂, 3, 1, 0; 2001 RW₁₃₁, 3, 1, 0; 2001 SJ₆₆, 3, 1, 0; 2001 SJ₃₁₂, 3, 1, 0; 2002 AE₁₄, 3, 1, 0; 2002 AA₁₅₄, 3, 1, 0; 2002 AU₁₆₀, 3, 1, 0; 2002 AL₁₈₃, 3, 1, 0; 2002 CR₃₈, 3, 1, 0; 2002 CZ₅₅, 3, 1, 0; 2002 CY₈₀, 3, 1, 0; 2002 CW₈₇, 3, 1, 0; 2002 CB₁₀₇, 3, 1, 0; 2002 CT₁₅₆, 3, 1, 0; 2002 CV₂₂₄, 3, 1, 0; 2002 CN₂₇₂, 3, 1, 0; 2002 CF₂₇₄, 3, 1, 0; 2002 DN₃, 3, 1, 0; 2002 EK₄₁, 3, 1, 0; 2002 EU₇₄, 6, 2, 5; 2002 ES₁₁₀, 6, 2, 35; 2002 EL₁₂₁, 3, 1, 0; 2002 EO₁₄₆, 3, 1, 0; 2002 EW₁₅₁, 3, 1, 0; 2002 EH₁₅₃, 3, 1, 0; 2002 FP₂₀, 3, 1, 0; 2002 GU₂₀, 3, 1, 0; 2002 GC₂₁, 6, 2, 7; 2002 GJ₃₆, 6, 2, 1; 2002 GH₉₆, 3, 1, 0; 2002 GA₉₉, 3, 1, 0; 2002 GJ₁₃₀, 3, 1, 0; 2002 GG₁₃₄, 3, 1, 0; 2002 JC₂₄, 3, 1, 0; 2002 JU₃₉, 3, 1, 0; 2002 JK₆₃, 3, 1, 0; 2002 JU₆₈, 3, 1, 0; 2002 JV₈₅, 3, 1, 0; [174, 53, 0*, 1993/07/13–1998/09/21]

{7} 2002 LZ₅₃, 3, 1, 0; [3, 1, 0*, 1993/09/22]

{8} 1995 WO₂₇, 1, 1, 0; 1998 FV₅₁, 2, 1, 0; 1998 QQ₃₀, 1, 1, 0; 1998 RH₄₇, 2, 2, 4; 1998 SC₉, 2, 2, 5; 1999 JM₁₂, 1, 1, 0; 1999 JO₂₉, 1, 1, 0; 1999 JM₁₁₂, 1, 1, 0; 1999 RV₇₀, 1, 1, 0; 1999 TR₄₃, 1, 1, 0; 2000 SZ₅₆, 2, 2, 2; 2000 SG₁₂₂, 1, 1, 0; 2000 TA₅₈, 1, 1, 0; 2000 UO₇₄, 1, 1, 0; 2000 VX₃₁, 1, 1, 0; 2000 XR₉₂, 7, 6, 25; 2000 XV₃₉, 1, 1, 0; 2000 YC₁₀₂, 1, 1, 0; 2000 YK₁₂₉, 3, 3, 28; 2001 AD₂₀, 3, 3, 3; 2001 TB₁₉₅, 3, 3, 2; 2001 UL₁₂₉, 2, 2, 4; 2001 WH₅₇, 3, 3, 3; 2001 WO₈₀, 2, 2, 2; 2002 CH₃₀, 1, 1, 0; 2002 CL₁₀₉, 1, 1, 0; 2002 CR₁₀₉, 1, 1, 0; 2002 CF₂₀₂, 1, 1, 0; 2002 CC₂₄₁, 1, 1, 0; 2002 CR₂₅₉, 1, 1, 0; 2002 EG₇₉, 1, 1, 0; 2002 FB₃₅, 2, 2, 2; 2002 GJ₁₀, 2, 1, 0; 2002 GR₃₇, 1, 1, 0; 2002 GF₃₉, 1, 1, 0; 2002 GD₄₇, 2, 2, 3; 2002 GA₇₂, 1, 1, 0; 2002 GB₇₂, 2, 2, 4; 2002 GK₉₅, 2, 2, 1; 2002 GO₁₀₉, 7, 7, 11; 2002 GS₁₁₈, 2, 2, 5; 2002 GM₁₂₁, 4, 2, 2; 2002 GK₁₄₁, 3, 2, 23; 2002 GT₁₆₀, 2, 2, 5; 2002 HE₃, 2, 2, 2; 2002 HM₁₅, 2, 2, 5; 2002 JH₂₁, 2, 2, 2; 2002 JC₃₅, 2, 2, 1; 2002 JP₃₉, 2, 2, 4; 2002 JB₆₂, 3, 3, 2; 2002 JO₆₃, 1, 1, 0; 2002 JL₇₀, 2, 2, 5; 2002 JY₇₁, 2, 2, 5; 2002 JH₈₄, 2, 2, 2; 2002 JB₁₂₈, 1, 1, 0; 2002 JO₁₃₅, 1, 1, 0; 2002 JN₁₄₆, 3, 3, 4; 2002 LZ₁₀, 2, 2, 1; [109, 58, 0*, 1992/02/29–1998/03/02]

{9} 1998 QE₇₆, 3, 1, 0; 1998 TH₅, 3, 1, 0; 1999 TJ₇, 3, 1, 0; 1999 TX₁₁, 3, 1, 0; 1999 TF₁₅₆, 3, 1, 0; 1999 XJ₁₆₂, 3, 1, 0; 2001 FL₁₅₂, 3, 1, 0; 2002 JX₆₃, 3, 1, 0; 2002 JK₆₅, 3, 1, 0; 2002 LJ₅₀ *, 3, 1, 0; 2002 LB₅₁, 3, 1, 0; (3858), 3, 1, 0; (19478), 3, 1, 0; (21130), 3, 1, 0; (21787), 3, 1, 0; [45, 15, 1*, 2002/06/03]

816 Rand Observatory

G. R. Viscome, 30 Hyland Avenue, Lake Placid, NY 12946, U.S.A.
[GeorgeV@nct.org]

0.37-m $f/6$ reflector + CCD
USNO-SA1.0

2000 VH₄₈, 4, 1, 0; [4, 1, 0*, 1996/09/21]

817 Sudbury

D. di Cicco, Sky & Telescope, Cambridge, MA 02138, U.S.A.
[d Cicco@skypub.com]

0.41-m Schmidt-Cassegrain + CCD

GSC

1999 XH₅₀, 2, 1, 0; [2, 1, 0*, 1995/12/03]

829 Complejo Astronómico El Leoncito

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

[rgilhutton@casleo.gov.ar]

Observers R. Gil-Hutton, C. E. Lopez, J. Licandro

Measurer C. E. Lopez

2.15-m $f/2.8$ reflector + CCD

USNO-SA2.0

1996 TY₁₁, 2, 1, 0; 1997 NC₁, 2, 1, 0; 1998 RO₁, 2, 1, 0; 1998 WZ₆, 2, 1, 0; 2001 OD₃, 2, 1, 0; 2001 PZ₅, 2, 1, 0; (11500), 2, 1, 0; (31669), 2, 1, 0; [16, 8, 0*, 2001/08/15–2001/08/16]

843 Emerald Lane Observatory

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

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

GSC-1.2, USNO-SA2.0

1998 OZ₁₃, 2, 1, 0; 1998 QU₃₆, 2, 1, 0; 1998 QB₄₉, 2, 1, 0; 1998 QH₇₀, 2, 1, 0; 1998 QW₇₃, 2, 1, 0; 1998 QD₇₅, 2, 1, 0; 1998 QL₈₇, 2, 1, 0; 1998 TP₁₉, 2, 1, 0; 1999 JG₅, 2, 1, 0; 1999 LG₁, 2, 1, 0; 1999 NG₃₀, 2, 1, 0; 1999 RR₁₈₂, 3, 2, 2; 1999 TR₁₃₈, 2, 1, 0; 1999 UJ₄, 2, 1, 0; 1999 XV₁₃₅, 2, 1, 0; 2000 AR₁₁₈, 2, 1, 0; 2000 AW₁₆₉, 2, 1, 0; 2000 DL₅₃, 2, 1, 0; 2000 RQ₃₇, 2, 1, 0; 2000 VC₃₅, 2, 1, 0; 2000 WO₃, 2, 1, 0; 2000 XS₁₄, 2, 1, 0; 2000 YK₁₀₃, 2, 1, 0; 2000 YV₁₃₁, 2, 1, 0; 2001 AZ₁₄, 2, 1, 0; 2001 BA₂₅, 2, 1, 0; 2001 BB₂₇, 2, 1, 0; 2001 BD₂₈, 2, 1, 0; 2001 BX₅₉, 2, 1, 0; 2001 BG₆₂, 2, 1, 0; 2001 BA₇₅, 2, 1, 0; 2001 BY₇₇, 2, 1, 0; 2001 CM₁₃, 2, 1, 0; 2001 CE₄₁, 2, 1, 0; 2001 DR₅₂, 2, 1, 0; 2001 DF₅₄, 4, 2, 18; 2001 DT₈₇, 2, 1, 0; 2001 DZ₉₉, 2, 1, 0; 2001 FV₂, 2, 1, 0; 2001 FY₉₄, 2, 1, 0; 2001 HF₄₄, 2, 1, 0; 2001 UV₁₈₂, 2, 1, 0; 2001 UN₂₁₀ *, 2, 1, 0; 2002 GB₁, 2, 1, 0; 2002 GF₂, 2, 1, 0; 2002 GZ₁₆₀ *, 2, 1, 0; 2002 HU₄, 2, 1, 0; 2002 JZ₁₀, 2, 1, 0; 2002 JY₆₉, 2, 1, 0; 2002 LE₄₇ *, 6, 3, 2; 3195 T-3, 2, 1, 0; (22095), 2, 1, 0; (23420), 2, 1, 0; [113, 53, 3*, 2001/10/20–2002/06/21]

844 Los Molinos

A. Sosa O., Observatorio Los Molinos, Dpto. de Astronomia, Facultad de Ciencias, Igua 4225, Montevideo, UY-11400 Uruguay [andsosa@fisica.edu.uy]

Observers S. Roland, R. Sierra, R. Salvo, S. Bruzzone, F. Benitez

Measurers S. Roland, R. Salvo

0.35-m $f/4.6$ reflector + CCD

USNO-A2.0

2002 JX₁₁₅ *, 15, 4, 35; 2002 LB₆, 6, 1, 0; 2002 LV₆, 4, 1, 0; 2002 MN, 3, 1, 0; (7513), 3, 1, 0; [31, 5, 1*, 2002/05/04–2002/06/19]

848 Tenagra Observatory, Cottage Grove

P. R. Holvorcem, Departamento de Matematica/IMECC, Universidade Estadual de Campiñas, Campiñas, SP 13081-970, Brazil [canis@mpc.com.br]

Observer M. Schwartz

Measurer P. R. Holvorcem

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

USNO-SA2.0

1999 TO₂₅₃, 3, 1, 0; [3, 1, 0*, 1999/09/15]

854 Sabino Canyon Observatory, Tucson

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

[mcgaha@skepticus.com]

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

USNO-A2.0

2002 LJ, 5, 2, 1; 2002 LM, 4, 1, 0; 2002 LT₂₄, 5, 1, 0; 2002 LJ₂₇, 3, 1, 0; 2002 LE₃₁, 3, 1, 0; 2002 LD₃₅, 2, 1, 0; [22, 6, 0*, 2002/06/02–2002/06/11]

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

1998 JJ₄, 3, 1, 0; 2000 UR₁₀₆, 3, 1, 0; 2002 HK₁₂, 3, 1, 0; 2002 JX₆₇, 5, 2, 15; 2002 JQ₉₇, 3, 1, 0; 2002 KL₃, 3, 1, 0; 2002 LG₃, 2, 1, 0; 2002 LT₂₄, 5, 1, 0; 2002 LS₃₂, 4, 1, 0; 2002 LT₃₈, 3, 1, 0; 2002 LY₄₅, 3, 1, 0; 2002 MX, 3, 1, 0; 2002 MY, 4, 1, 0; [44, 13, 0*, 2002/05/17–2002/06/19]

888 Gekko Observatory

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

0.50-m $f/4.0$ reflector + CCD

GSC-1.1

1995 WO, 4, 1, 0; [4, 1, 0*, 2002/06/06]

905 Nachi-Katsuura Observatory

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

[urata@sannet.ne.jp]

Observer Y. Shimizu

Measurer T. Urata

0.40-m $f/3.3$ Baker-Schmidt

GSC

2001 XC₂₀₁, 2, 1, 0; [2, 1, 0*, 1997/10/21]

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 FP₅₉, 3, 1, 0; 1998 SF₈₄, 3, 1, 0; 1999 RT₁₃₅, 3, 1, 0; 1999 TZ₈₆, 3, 1, 0; 2000 DD₄₅, 3, 1, 0; 2000 ET₁₅₈, 3, 1, 0; 2000 QM₂₇, 3, 1, 0; 2000 QS₂₁₃, 3, 1, 0; 2000 YG₂₈, 3, 1, 0; 2000 YB₁₂₂, 3, 1, 0; 2001 AZ₁₄, 3, 1, 0; 2001 EM₁₈, 3, 1, 0; 2001 FG₆₂, 3, 1, 0; 2001 MR₆, 3, 1, 0; 2001 OY₄₅, 3, 1, 0; 2001 QQ₁₆₇, 3, 1, 0; 2001 TK₁₄₀, 3, 1, 0; 2001 TF₂₀₇, 3, 1, 0; 2001 VX₅₇, 3, 1, 0; 2001 VX₆₈, 3, 1, 0; 2002 BZ₄, 3, 1, 0; 2002 BB₂₆, 3, 1, 0; 2002 CH₅₁, 3, 1, 0; 2002 CB₁₀₀, 3, 1, 0; 2002 CP₁₃₆, 3, 1, 0; 2002 CG₂₀₅, 3, 1, 0; 2002 EJ₁₁₀, 3, 1, 0; 2002 FH₂₅, 3, 1, 0; 2002 GM₄₂, 3, 1, 0; 2002 GB₄₇, 3, 1, 0; 2002 GO₄₇, 3, 1, 0; 2002 GQ₇₈, 3, 1, 0; 2002 GX₈₇, 3, 1, 0; 2002 GD₈₈, 3, 1, 0; 2002 GD₉₅, 3, 1, 0; 2002 GM₁₀₅, 3, 1, 0; 2002 GJ₁₀₈, 3, 1, 0; 2002 GF₁₂₃, 3, 1, 0; 2002 GA₁₆₁, 3, 1, 0; 2002 HZ₅, 3, 1, 0; 2002 HB₇, 3, 1, 0; 2002 JE₁₆, 3, 1, 0; 2002 JD₂₁, 3, 1, 0; 2002 JB₂₅, 3, 1, 0; 2002 JC₂₆, 3, 1, 0; 2002 JE₄₅, 3, 1, 0; 2002 JK₄₅, 3, 1, 0; 2002 JS₅₉, 3, 1, 0; 2002 JL₆₅, 3, 1, 0; 2002 JV₈₉, 3, 1, 0; 2002 JZ₁₀₅, 3, 1, 0; 2002 KA, 3, 1, 0; 2002 KD₅, 3, 1, 0; (31521), 3, 1, 0; (31599), 3, 1, 0; (32734), 3, 1, 0; [168, 56, 0*, 1997/05/01–1998/12/07]

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

7579 P-L, 5, 2, 1; [5, 1, 0*, 2000/12/28–2000/12/29]

916 Oakley Observatory, Terre Haute

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

Observers C. Wolfe, J. Pillert, M. Adams, M. Gavala, J. Groven

Measurers C. Wolfe, J. Pillert, J. Groven, M. Gavala, M. Adams

0.36-m $f/7$ Schmidt-Cassegrain + CCD,
GSC-ACT, USNO-SA2.0

2001 UY₁₉₆, 3, 1, 0; [3, 1, 0*, 2001/10/26]

918 Badlands Observatory, Quinn

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

0.66-m $f/4.8$ reflector + CCD

GSC-1.2

2001 BF₄₂, 3, 1, 0; 2002 LY₄₅, 4, 1, 0; [7, 2, 0*, 2002/05/14–2002/06/15]

926 Tenagra II Observatory

M. Schwartz, Tenagra Observatories, HC 2 Box 292, Nogales, AZ 85621, U.S.A.

[mbs@tenagraobservatories.com]

Observers P. R. Holvorcem, M. Schwartz

Measurer P. R. Holvorcem

0.81-m $f/7$ Ritchey-Chrétien + CCD, 0.36-m $f/11$ Schmidt-Cassegrain + CCD

USNO-A2.0, USNO-SA2.0

1999 TL₁₃₆, 3, 1, 0; 2001 AW, 5, 1, 0; 2002 GT₂₃, 3, 1, 0; 2002 JG₁₆, 5, 1, 0; 2002 JF₁₀₀, 5, 1, 0; 2002 JT₁₀₀, 3, 1, 0; 2002 JU₁₀₀, 4, 1, 0; 2002 JT₁₀₇, 3, 1, 0; 2002 KL₁₃, 3, 1, 0; (12615), 5, 1, 0; [39, 10, 0*, 2002/03/13–2002/05/21]

938 Linhaceira

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Estrada da Serra, P-2300 Tomar, Portugal [rui.goncalves@ipt.pt]

0.25-m $f/6.7$ Schmidt-Cassegrain + CCD

USNO-A2.0

2002 KG₄, 39, 2, 2; 2002 LY₄₅, 1, 1, 0; 2002 LZ₄₅, 4, 1, 0; (131), 20, 1, 0; (7318), 1, 1, 0; [65, 5, 0*, 2002/05/23–2002/06/21]

939 Observatorio Rodeno

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

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

USNO-SA1.0

1999 HF₁, 15, 5, 29; 1999 KW₄, 3, 1, 0; 2001 VS₇₈, 18, 6, 29; 2002 HU₁₁, 9, 3, 8; 2002 JB₉, 9, 3, 21; 2002 JR₉, 12, 4, 21; 2002 KG₄, 3, 1, 0; [69, 7, 0*, 2002/05/24–2002/06/23]

941 Observatorio Pla D'Arguines

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

[rferrand@jazzfree.com]

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

USNO-SA2.0, GSC-1.1

1999 HF₁, 6, 1, 0; 1999 KW₄, 6, 1, 0; 1999 RG₄₈, 10, 1, 0; 1999 TE₂₄₅, 3, 1, 0; 1999 XF₁₂₇, 4, 1, 0; 1999 XO₁₅₉, 5, 1, 0; 2000 AB₁₉₀, 4, 1, 0; 2000 UM₁₁, 6, 1, 0; 2000 WQ₉₈, 4, 1, 0; 2000 WG₁₃₂, 4, 1, 0; 2000 YY₁₁, 7, 2, 22; 2001 EA₂, 4, 1, 0; 2001 VG₅, 5, 1, 0; 2001 VS₇₈, 5, 1, 0; 2001 XN₂₅₄, 4, 1, 0; 2001 YJ₄, 12, 2, 7; 2002 AB₅, 5, 1, 0; 2002 GD₁₁, 5, 1, 0; 2002 HU₁₁, 6, 1, 0; 2002 JB₉, 14, 2, 7; 2002 JR₉, 16, 2, 7; 2002 KH₃, 10, 2, 7; 2002 KG₄, 13, 2, 1; 2002 LM, 4, 1, 0; 2002 LV, 2, 1, 0; 2002 LP₁, 4, 1, 0; 2002 LT₆ *, 18, 3, 13; 2002 LV₆, 4, 1, 0; 2002 LU₁₀, 5, 1, 0; 2002 LR₁₂, 17, 2, 1; 2002 LY₄₅, 4, 1, 0; 2002 LZ₄₅, 7, 1, 0; 2002 MN, 7, 1, 0; (23696), 4, 1, 0; [234, 34, 1*, 2002/05/18–2002/06/23]

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, GSC-ACT

2002 JC₆₈, 2, 1, 0; 2002 KK₈, 3, 1, 0; 2002 LJ, 3, 1, 0; 2002 LM, 4, 1, 0; 2002 LV, 6, 2, 7; 2002 LV₆, 3, 1, 0; 2002 LY₄₅, 3, 1, 0; 2002 LC₅₈, 3, 1, 0; 2002 MS₁, 2, 1, 0; (11411), 4, 1, 0; [33, 10, 0*, 2002/05/30–2002/06/22]

950 La Palma

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R. Casas, Instituto de Astrofísica de Canarias, E-38200 La Laguna, Spain
[rcr@ot.iac.es] (4)

Observers T. Grav, M. W. Hansen, M. Seigar, S. Hodgkin, R. Casas

Measurers T. Grav, A. Fitzsimmons, S. Collander-Brown, A. Boattini, R. Casas
1.0-m $f/15$ reflector + CCD, 2.5-m Isaac Newton Telescope + CCD, 2.6-m Nordic
Astronomical Telescope + CCD

USNO-A2.0

GSC-1.1, GSC-1.2

{1} 1995 WL₈, 6, 2, 1; 2000 SS₁₆₄, 6, 2, 1; 2000 YP₁₁, 2, 1, 0; 2001 FL₁₈₅, 7, 3, 59; 2001 JL₁, 4, 2, 1; 2001 KK₇₆, 3, 1, 0; 2002 CB₂₂₅, 4, 2, 1; 2002 JZ₁₁₅ *, 5, 2, 1; (3706), 2, 1, 0; (20862), 3, 1, 0; [42, 10, 1*, 2002/03/15–2002/05/13]

{3} 1979 MS₃, 3, 1, 0; 1981 EJ₉, 3, 1, 0; 1981 EF₂₁, 3, 1, 0; 1997 ES₄₂, 3, 1, 0; 1997 SA₃₁, 3, 1, 0; 1998 EQ₁₃, 3, 1, 0; 1998 FD₆₅, 3, 1, 0; 1998 QA₈₇, 3, 1, 0; 1998 RV₁₂, 3, 1, 0; 1998 VS₄₉, 6, 2, 1; 1998 YR₈, 6, 2, 1; 1999 RL₁₁₄, 3, 1, 0; 1999 RL₁₅₅, 3, 1, 0; 1999 TJ₃₇, 3, 1, 0; 1999 TU₉₉, 3, 1, 0; 1999 TU₁₈₀, 3, 1, 0; 1999 TW₂₉₁, 3, 1, 0; 1999 UP₃₅, 3, 1, 0; 1999 VA₁₅, 3, 1, 0; 1999 VD₁₅, 3, 1, 0; 1999 VO₂₁, 3, 1, 0; 1999 VU₁₆₃, 3, 1, 0; 1999 VC₁₈₇, 3, 1, 0; 1999 VC₂₁₇, 3, 1, 0; 1999 XX₁₈, 3, 1, 0; 1999 XO₃₀, 3, 1, 0; 1999 XB₄₉, 3, 1, 0; 1999 XE₈₃, 3, 1, 0; 1999 XX₉₃, 3, 1, 0; 1999 XW₁₂₃, 3, 1, 0; 1999 YA₂₃, 3, 1, 0; 2000 AV₇₀, 3, 1, 0; 2000 AT₉₈, 3, 1, 0; 2000 AR₁₁₈, 3, 1, 0; 2000 AZ₁₉₅, 6, 2, 1; 2000 CE₈₀, 3, 1, 0; 2000 CU₁₀₁, 3, 1, 0; 2000 DJ₈, 3, 1, 0; 2000 SK₄₄, 3, 1, 0; 2000 YT₂₈, 6, 2, 1; 2001 BG₂₅, 3, 1, 0; 2001 BS₃₂, 3, 1, 0; 2001 BG₃₅, 3, 1, 0; 2001 CR, 3, 1, 0; 2001 DT₈₇, 6, 2, 1; 2001 FQ₄₆, 3, 1, 0; 2001 FR₇₅, 3, 1, 0; 2001 FA₉₄, 3, 1, 0; 2001 XT₁₁₉, 3, 1, 0; 2002 HP₁₂, 3, 1, 0; 2002 JW, 3, 1, 0; 2002 JR₉, 3, 1, 0; 2002 JH₆₇, 3, 1, 0; 2002 JZ₇₂, 3, 1, 0; 2002 JV₇₃, 3, 1, 0; 2002 JN₉₇, 4, 1, 0; 2002 JO₉₇, 3, 1, 0; 2002 JQ₁₁₁, 3, 1, 0; 2002 JN₁₄₆, 3, 1, 0; 2002 KB₄, 3, 1, 0; 2002 LF₅, 3, 1, 0; 2002 LN₂₄, 3, 1, 0; 2002 LW₂₉, 3, 1, 0; 2002 LL₃₂, 3, 1, 0; 2002 LM₃₉, 3, 1, 0; 2002 LM₄₃, 3, 1, 0; 2002 LY₄₅, 3, 1, 0; 2002 LQ₅₂, 3, 1, 0; 2002 LM₅₃, 3, 1, 0; 2002 LN₅₃, 3, 1, 0; 2002 LU₅₃, 3, 1, 0; 2002 MN, 3, 1, 0; 2002 MX, 3, 1, 0; 2002 MQ₁, 3, 1, 0; 2002 MR₁, 3, 1, 0; 2731 P-L, 3, 1, 0; (202), 3, 1, 0; (560), 3, 1, 0; (633), 3, 1, 0; (1743), 6, 2, 1; (2233), 3, 1, 0; (3670), 3, 1, 0; (4611), 3, 1, 0; (4739), 3, 1, 0; (6751), 3, 1, 0; (8567), 3, 1, 0; (9194), 3, 1, 0; (9284), 3, 1, 0; (9411), 3, 1, 0; (9834), 6, 2, 1; (11411), 3, 1, 0; (12020), 3, 1, 0; (12400), 6, 2, 1; (12567), 3, 1, 0; (13112), 3, 1, 0; (17330), 3, 1, 0; (19511), 3, 1, 0; (20354), 3, 1, 0; (20647), 3, 1, 0; (21673), 3, 1, 0; (22428), 3, 1, 0; (22877), 3, 1, 0; (23623), 3, 1, 0; (23695), 3, 1, 0; (23912), 3, 1, 0; (24052), 3, 1, 0; (24329), 3, 1, 0; (24734), 3, 1, 0; (25325), 3, 1, 0; (25412), 3, 1, 0; (26386), 3, 1, 0; (26514), 6, 2, 1; (26718), 3, 1, 0; (38247), 3, 1, 0; (39584), 3, 1, 0; (40355), 3, 1, 0; (40825), 3, 1, 0; (41042), 3, 1, 0; (41281), 3, 1, 0; (41322), 3, 1, 0; (41825), 3, 1, 0; [391, 121, 0*, 2002/05/20–2002/06/23]

{4} 2002 JB₄₂, 4, 1, 0; [4, 1, 0*, 1999/08/09]

952 Marzuquera

J. J. Gómez D., Cardenal Cisneros 55-4-8, E-46700 Gandia, Spain

[astsafor@arrakis.es]

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

GSC-1.1, USNO-SA2.0, USNO-A2.0

2002 GD₁₁, 3, 1, 0; 2002 JR₉, 6, 1, 0; 2002 LV, 11, 3, 5; 2002 LB₆, 4, 1, 0; 2002 LY₄₅, 3, 1, 0; (1745), 4, 1, 0; (2528), 4, 1, 0; (2534), 4, 1, 0; (20288), 3, 1, 0; (39958), 4, 1, 0; (41146), 4, 1, 0; [50, 11, 0*, 2002/05/13–2002/06/15]

954 Teide Observatory

F. Casarramona, P.O. Box 50, E-08200 Sabadell (BCN), Spain

[minorplanets@astrosadell.org]

Observer J. Licandro

Measurer S. Alonso

0.8-m $f/11.3$ Cassegrain + CCD

GSC-1.2

1998 GE₁, 5, 1, 0; 1999 TZ₂₃₆, 3, 1, 0; 1999 VW₁₁₃, 4, 1, 0; [12, 3, 0*, 1997/01/14–2002/06/16]

966 Church Stretton

S. P. Laurie, Toleman, 10 Hazler Orchard, Church Stetton, Shropshire SY6 7AL,
England [100336.3635@compuserve.com]

0.25-m Schmidt Cassegrain + focal reducer + CCD

GSC

2002 KK₈, 3, 1, 0; 2002 LE₃₁, 3, 1, 0; [6, 2, 0*, 2002/06/04–2002/06/11]

A50 Andrushivka Astronomical Observatory

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

Observers V. Andruk, Yu. Ivashchenko

Measurer Yu. Ivashchenko

0.60-m $f/7.5$ reflector + CCD

USNO-2

2002 AL₁₄, 13, 4, 4; [13, 1, 0*, 2002/06/09–2002/06/13]

B18 Terskol

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

Observers S. Barabanov, S. Karpov

Measurer S. Barabanov

2.0-m $f/1.78$ reflector + CCD

USNO-A2.0

1998 MA₄₇, 3, 1, 0; 1999 FY₉, 2, 1, 0; 2000 AO₂₄, 5, 1, 0; 2000 AE₅₀, 4, 1, 0; 2000 AY₂₁₇,
3, 1, 0; 2000 AR₂₄₉, 2, 1, 0; 2000 BF₅₁, 3, 1, 0; 2000 CZ₁₄₆ *, 6, 2, 2; 2000 CA₁₄₇ *, 5, 2,
1; 2000 CB₁₄₇ *, 8, 2, 2; 2000 CC₁₄₇ *, 7, 2, 1; 2000 QM₁₁₆, 2, 1, 0; 2000 RF₁₀₆ *, 5, 2, 1;
2000 RG₁₀₆ *, 6, 2, 1; 2000 SK₂₃₅, 5, 2, 1; 2000 TL₃₇, 4, 1, 0; 2000 TK₇₁ *, 9, 2, 1; 2000 TL₇₁ *,
7, 2, 1; 2000 TM₇₁ *, 4, 2, 1; 2001 FP₁₁, 6, 2, 1; 2002 GA₁₀₅ *, 4, 1, 0; 2002 GB₁₀₅ *, 4, 1, 0;
(5652), 5, 1, 0; (12028), 3, 1, 0; (22726), 3, 1, 0; (33703), 4, 1, 0; (35033), 3, 1, 0; (35811), 3, 1, 0;
(37486), 3, 1, 0; (41006), 6, 2, 2; [134, 30, 11*, 1999/12/10–2002/04/10]

G75 Starry Knight Observatory, Coto de Caza

R. K. Buchheim, 18 Altimira, Coto de Caza, CA 92679, U.S.A.

[rbuchheim@compuserve.com]

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

USNO-A2.0

(1059), 4, 2, 2; (1114), 4, 2, 2; (1251), 4, 2, 2; (1766), 4, 2, 2; (5185), 4, 2, 2; (6381), 2, 1, 0; [22,
6, 0*, 2002/06/07–2002/06/09]

H77 Buehler Observatory

A. VanWerven, 40 Commodore Drive, Plantation, FL 33325, U.S.A.

[zenpi314@attbi.com]

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

USNO-SA2.0

(458), 6, 2, 5; (542), 3, 1, 0; (2463), 6, 2, 5; [15, 3, 0*, 2002/06/02–2002/06/07]

I30 Observatorio Geminis Austral

J. L. Sanchez, Obs. Geminis Austral, Italia 4254, Rosario, Argentina

[joseluissanchez@ciudad.com.ar]

Observers J. L. Sanchez

Measurers J. L. Sanchez, L. Mansilla

0.25-m $f/4$ reflector + CCD

GSC

(596), 8, 3, 2; [8, 1, 0*, 2002/06/14–2002/06/16]

I31 Observatorio Astronómico del Colegio Cristo Rey

V. Buso, Obs. Cristo Rey, Entre Rios 2974, 2000 Rosario, Argentina
[victorbuso@infovia.com.ar]

Observers V. Buso, M. Ascheri

Measurers V. Buso, L. Mansilla, M. Ascheri

0.21-m $f/8.8$ Schmidt-Cassegrain + CCD

GSC

(359), 7, 3, 2; [7, 1, 0*, 2002/05/22–2002/05/24]

A95 Great Shefford

P. Birtwhistle, Phlox Cottage, Wantage Road, Great Shefford, Berkshire RG17
7DA, England [peter@birtwhi.demon.co.uk]

Observer P. Birtwhistle

Measurer PinPoint Engine

0.3-m Schmidt-Cassegrain + CCD

2002 LJ, 4, 1, 0; 2002 LV, 4, 1, 0; 2002 LG₃, 3, 1, 0; 2002 MY, 2, 1, 0; [13, 4, 0*, 2002/06/10–
2002/06/20]

J98 Observatorio Manises

S. Lahuerta, Observatorio Manises, Juan de Ribera 16, Manises, 46940 Valencia,
Spain [luisiana@ctv.es]

Observers S. Lahuerta, L. Lahuerta

0.25-m $f/5.3$ Schmidt-Cassegrain + CCD

GSC-ACT

(579), 4, 2, 8; (609), 4, 2, 4; (681), 4, 2, 1; (805), 4, 2, 4; [16, 4, 0*, 2002/05/20–2002/06/02]

ORBITAL ELEMENTS

Orbital elements have been computed and identifications found by the following contributors:

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C/1997 BA₆ (Spacewatch)

Epoch 1999 Dec. 8.0 TT = JDT 2451520.5

T 1999 Nov. 27.5676 TT

q		(2000.0)	P	Q
q	3.436435			
z	+0.000304	ω	285.9362	+0.0105422
	± 0.000000	Ω	317.6638	+0.0017904
e	0.998955	i	72.7149	-0.9999428
				+0.0069216

From 418 observations 1997 Jan. 11–2002 June 10, mean residual 0".9.

C/1997 O2 (SOHO)

<i>T</i>	1997 July 25.48 TT			MPC	
<i>q</i>	0.0356	(2000.0)	P	Q	
	<i>ω</i>	57.03	-0.09061	-0.40586	
	<i>Ω</i>	73.07	+0.23000	-0.89703	
<i>e</i>	1.0	<i>i</i>	71.92	+0.96896	+0.17497

From 9 observations 1997 July 25.

C/1998 V9 (SOHO)

<i>T</i>	1998 Nov. 8.64 TT			MPC	
<i>q</i>	0.0072	(2000.0)	P	Q	
	<i>ω</i>	57.07	+0.09435	-0.94724	
	<i>Ω</i>	327.81	-0.99085	-0.05953	
<i>e</i>	1.0	<i>i</i>	144.90	+0.09647	+0.31496

From 5 observations 1998 Nov. 8.

C/1999 J2 (Skiff)

Epoch 2000 Apr. 6.0 TT = JDT 2451640.5					
<i>T</i>	2000 Apr. 6.0025 TT			MPC	
<i>q</i>	7.109772	(2000.0)	P	Q	
<i>z</i>	-0.000147	<i>ω</i>	127.1399	-0.4259805	-0.4829956
	± 0.000001	<i>Ω</i>	50.0426	-0.7116917	-0.3431878
<i>e</i>	1.001047	<i>i</i>	86.4127	+0.5586015	-0.8055665

From 933 observations 1999 May 12–2002 June 9, mean residual 0^{''}.6.

C/1999 U4 (Catalina-Skiff)

Epoch 2001 Oct. 18.0 TT = JDT 2452200.5					
<i>T</i>	2001 Oct. 28.4634 TT			MPC	
<i>q</i>	4.915290	(2000.0)	P	Q	
<i>z</i>	-0.001554	<i>ω</i>	77.5128	-0.1388414	-0.8965960
	± 0.000001	<i>Ω</i>	32.2888	+0.2672264	-0.4428024
<i>e</i>	1.007637	<i>i</i>	51.9262	+0.9535791	-0.0064559

From 501 observations 1999 Sept. 18–2002 June 19, mean residual 0^{''}.7.

C/2000 C7 (SOHO)

<i>T</i>	2000 Feb. 4.48 TT			MPC	
<i>q</i>	0.0481	(2000.0)	P	Q	
	<i>ω</i>	22.34	-0.19689	-0.88794	
	<i>Ω</i>	81.06	+0.82386	-0.37969	
<i>e</i>	1.0	<i>i</i>	24.89	+0.53150	+0.25962

From 7 observations 2000 Feb. 4.

C/2000 F2 (SOHO)

<i>T</i>	2000 Mar. 19.79 TT			MPC	
<i>q</i>	0.0053	(2000.0)	P	Q	
	<i>ω</i>	70.65	+0.03165	-0.96830	
	<i>Ω</i>	337.53	-0.96856	+0.03149	
<i>e</i>	1.0	<i>i</i>	139.59	+0.24675	+0.24781

From 5 observations 2000 Mar. 19.

C/2000 F3 (SOHO)

<i>T</i>	2000 Mar. 28.9064 TT			MPC	
<i>q</i>	0.005176	(2000.0)	P	Q	
	<i>ω</i>	58.0162	+0.0658922	-0.9088350	
	<i>Ω</i>	323.6850	-0.9730063	+0.0329794	
<i>e</i>	1.0	<i>i</i>	135.9292	+0.2211718	+0.4158500

From 5 observations 2000 Mar. 28.

C/2000 SV₇₄ (LINEAR)

Epoch 2002 May 6.0 TT = JDT 2452400.5					
<i>T</i>	2002 Apr. 30.4970 TT			MPC	
<i>q</i>	3.541559	(2000.0)	P	Q	
<i>z</i>	-0.001358	<i>ω</i>	76.2313	+0.1157156	-0.9108571
	± 0.000001	<i>Ω</i>	24.1855	-0.0769916	-0.4058726
<i>e</i>	1.004810	<i>i</i>	75.2373	+0.9902940	+0.0748783

From 717 observations 2000 Sept. 5–2002 June 18, mean residual 0^{''}.7.

C/2000 T5 (SOHO)

<i>T</i>	2000 Oct. 7.35 TT			MPC	
<i>q</i>	0.0056	(2000.0)	P	Q	
	<i>ω</i>	70.98	+0.26660	-0.96294	
	<i>Ω</i>	355.75	-0.95113	-0.25602	
<i>e</i>	1.0	<i>i</i>	146.54	+0.15577	+0.08485

From 5 observations 2000 Oct. 7.

C/2000 T6 (SOHO)

<i>T</i>	2000 Oct. 12.68 TT			MPC	
<i>q</i>	0.0049	(2000.0)	P	Q	
	<i>ω</i>	55.40	-0.00930	-0.90789	
	<i>Ω</i>	317.90	-0.99133	+0.06332	
<i>e</i>	1.0	<i>i</i>	141.30	+0.13109	+0.41440

From 7 observations 2000 Oct. 12.

C/2000 X9 (SOHO)

<i>T</i>	2000 Dec. 3.75 TT			MPC	
<i>q</i>	0.0386	(2000.0)	P	Q	
	<i>ω</i>	60.08	-0.11046	-0.38231	
	<i>Ω</i>	73.96	+0.17618	-0.91597	
<i>e</i>	1.0	<i>i</i>	72.66	+0.97814	+0.12181

From 9 observations 2000 Dec. 3.

C/2001 C1 (LINEAR)

Epoch 2002 Mar. 27.0 TT = JDT 2452360.5					
<i>T</i>	2002 Mar. 28.2977 TT			MPC	
<i>q</i>	5.104599	(2000.0)	P	Q	
<i>z</i>	+0.000021	<i>ω</i>	219.9370	-0.5098576	+0.6868364
	± 0.000003	<i>Ω</i>	33.7113	-0.3280849	+0.4013601
<i>e</i>	0.999893	<i>i</i>	68.9519	-0.7952393	-0.6059421

From 201 observations 2000 Apr. 29–2002 June 3, mean residual 0^{''}.7.

C/2001 H8 (SOHO)

<i>T</i>	2001 Apr. 18.16 TT			MPC	
<i>q</i>	0.0065	(2000.0)	P	Q	
	<i>ω</i>	72.54	+0.09481	-0.98562	
	<i>Ω</i>	345.62	-0.98265	-0.07017	
<i>e</i>	1.0	<i>i</i>	145.73	+0.15938	+0.15370

From 6 observations 2001 Apr. 17–17.

C/2002 B1 (LINEAR)

Epoch 2002 May 6.0 TT = JDT 2452400.5					
<i>T</i>	2002 Apr. 20.0112 TT			MPC	
<i>q</i>	2.271128	(2000.0)	P	Q	
<i>n</i>	0.0315766	<i>ω</i>	76.1622	-0.3929116	-0.6397583
<i>a</i>	9.913469	<i>Ω</i>	58.1824	+0.1816651	-0.7581679
<i>e</i>	0.770905	<i>i</i>	51.0201	+0.9014534	-0.1260585
<i>P</i>	31.2				

From 89 observations 2001 Nov. 8–2002 May 31, mean residual 0".6.

C/2002 E2 (Snyder-Murakami)

Epoch 2002 Feb. 15.0 TT = JDT 2452320.5					
<i>T</i>	2002 Feb. 21.7846 TT			MPC	
<i>q</i>	1.466361	(2000.0)	P	Q	
<i>z</i>	-0.000342	<i>ω</i>	9.0271	-0.4302151	+0.0277464
	±0.000016	<i>Ω</i>	244.5807	-0.8780045	-0.2451769
<i>e</i>	1.000501	<i>i</i>	92.5446	-0.2098167	+0.9690812

From 620 observations 2002 Mar. 12–June 22, mean residual 0".6.

C/2002 H2 (LINEAR)

Epoch 2002 Mar. 27.0 TT = JDT 2452360.5					
<i>T</i>	2002 Mar. 23.4162 TT			MPC	
<i>q</i>	1.634880	(2000.0)	P	Q	
<i>z</i>	+0.003485	<i>ω</i>	20.4244	-0.1385000	-0.3220980
	±0.000063	<i>Ω</i>	269.0036	-0.9877438	-0.0237961
<i>e</i>	0.994302	<i>i</i>	110.5016	-0.0719722	+0.9464072

From 300 observations 2002 Apr. 22–June 23, mean residual 0".6.

C/2002 J3 (SOHO)

<i>T</i>	2002 May 15.02 TT			MPC	
<i>q</i>	0.0074	(2000.0)	P	Q	
	<i>ω</i>	61.72	+0.17950	-0.95130	
	<i>Ω</i>	337.34	-0.96163	-0.11596	
<i>e</i>	1.0	<i>i</i>	139.42	+0.20745	+0.28562

From 67 observations 2002 May 13–14.

C/2002 J4 (NEAT)

<i>T</i>	2003 Oct. 3.1614 TT			MPC	
<i>q</i>	3.632436	(2000.0)	P	Q	
	<i>ω</i>	230.7318	+0.2960200	+0.6649659	
	<i>Ω</i>	70.8863	-0.4852373	+0.7230381	
<i>e</i>	1.0	<i>i</i>	46.5283	-0.8227496	-0.1871796

From 101 observations 2002 May 4–June 17.

C/2002 J5 (LINEAR)

Epoch 2003 Oct. 8.0 TT = JDT 2452920.5					
<i>T</i>	2003 Sept. 19.3053 TT			MPC	
<i>q</i>	5.726754	(2000.0)	P	Q	
<i>z</i>	-0.000230	<i>ω</i>	74.8340	-0.1349742	-0.7577401
	±0.000026	<i>Ω</i>	314.1100	-0.7957283	+0.4668404
<i>e</i>	1.001318	<i>i</i>	117.2280	+0.5904223	+0.4559496

From 78 observations 2001 Aug. 6–2002 June 17, mean residual 0".7.

C/2002 J6 (SOHO)

<i>T</i>	2002 May 15.13 TT			MPC	
<i>q</i>	0.0050	(2000.0)	P	Q	
	<i>ω</i>	88.16	+0.19421	-0.97345	
	<i>Ω</i>	11.71	-0.95175	-0.21690	
<i>e</i>	1.0	<i>i</i>	143.35	+0.23759	-0.07317

From 7 observations 2002 May 14.

C/2002 J7 (SOHO)

<i>T</i>	2002 May 16.41 TT			MPC	
<i>q</i>	0.0055	(2000.0)	P	Q	
	<i>ω</i>	85.52	+0.19371	-0.97725	
	<i>Ω</i>	8.35	-0.95306	-0.20833	
<i>e</i>	1.0	<i>i</i>	143.53	+0.23271	-0.03973

From 9 observations 2002 May 15–16.

C/2002 J8 (SOHO)

<i>T</i>	2002 May 13.67 TT			MPC	
<i>q</i>	0.0078	(2000.0)	P	Q	
	<i>ω</i>	63.39	+0.18380	-0.95909	
	<i>Ω</i>	340.02	-0.96311	-0.13190	
<i>e</i>	1.0	<i>i</i>	140.93	+0.19658	+0.25049

From 4 observations 2002 May 13.

P/2002 JN₁₆ (LINEAR)

<i>T</i>	2002 July 27.5811 TT			MPC	
<i>q</i>	1.790663	(2000.0)	P	Q	
<i>n</i>	0.1515606	<i>ω</i>	39.6179	-0.0149823	+0.9883034
<i>a</i>	3.484003	<i>Ω</i>	230.0778	-0.9602382	-0.0565394
<i>e</i>	0.486033	<i>i</i>	11.4134	-0.2787798	+0.1416321
<i>P</i>	6.50				

From 115 observations 2002 May 9–June 22.

C/2002 K1 (NEAT)

<i>T</i>	2002 June 16.6895 TT			MPC	
<i>q</i>	3.230199	(2000.0)	P	Q	
	<i>ω</i>	4.5175	+0.1828691	-0.0097946	
	<i>Ω</i>	280.5488	-0.9304412	-0.3247047	
<i>e</i>	1.0	<i>i</i>	89.7296	-0.3175499	+0.9457647

From 37 observations 2002 May 16–June 11.

C/2002 K2 (LINEAR)

<i>T</i>	2002 Jan. 6.0126 TT		MPC	
<i>q</i>		(2000.0)	P	Q
	ω	26.6862	+0.1042281	-0.7189196
	Ω	294.5820	-0.9927136	-0.1172141
<i>e</i>	1.0	<i>i</i> 130.9109	-0.0604672	+0.6851390

From 86 observations 2002 May 16–June 18.

C/2002 K3 (SOHO)

<i>T</i>	2002 May 19.12 TT		MPC	
<i>q</i>		(2000.0)	P	Q
	ω	90.41	+0.17398	-0.97491
	Ω	13.19	-0.95235	-0.20245
<i>e</i>	1.0	<i>i</i> 142.51	+0.25052	-0.09255

From 9 observations 2002 May 18.

C/2002 K4 (NEAT)

<i>T</i>	2002 July 13.1582 TT		MPC	
<i>q</i>		(2000.0)	P	Q
<i>n</i>	0.0128337	ω 24.4931	+0.5384666	-0.3070042
<i>a</i>	18.067635	Ω 308.1185	-0.8381065	-0.0985806
<i>e</i>	0.846921	<i>i</i> 94.0918	+0.0873563	+0.9465888
<i>P</i>	76.8			

From 86 observations 2002 May 27–June 22.

C/2002 K5 (SOHO)

<i>T</i>	2002 May 24.06 TT		MPC	
<i>q</i>		(2000.0)	P	Q
	ω	92.69	+0.17019	-0.97258
	Ω	15.52	-0.95835	-0.20080
<i>e</i>	1.0	<i>i</i> 143.68	+0.22934	-0.11736

From 9 observations 2002 May 23.

C/2002 K6 (SOHO)

<i>T</i>	2002 May 25.18 TT		MPC	
<i>q</i>		(2000.0)	P	Q
	ω	65.22	+0.18379	-0.96255
	Ω	341.98	-0.95750	-0.12946
<i>e</i>	1.0	<i>i</i> 139.90	+0.22231	+0.23819

From 30 observations 2002 May 24.

C/2002 K7 (SOHO)

<i>T</i>	2002 May 25.91 TT		MPC	
<i>q</i>		(2000.0)	P	Q
	ω	89.88	+0.17887	-0.97576
	Ω	12.54	-0.95975	-0.20125
<i>e</i>	1.0	<i>i</i> 144.52	+0.21653	-0.08593

From 13 observations 2002 May 25.

C/2002 L1 (SOHO)

<i>T</i>	2002 June 6.03 TT		MPC	
<i>q</i>		(2000.0)	P	Q
	ω	93.80	+0.17383	-0.96887
	Ω	17.21	-0.95682	-0.20852
<i>e</i>	1.0	<i>i</i> 143.44	+0.23297	-0.13346

From 8 observations 2002 June 5.

C/2002 L2 (SOHO)

<i>T</i>	2002 June 6.64 TT		MPC	
<i>q</i>		(2000.0)	P	Q
	ω	67.74	+0.17667	-0.97550
	Ω	345.87	-0.97717	-0.15787
<i>e</i>	1.0	<i>i</i> 147.52	+0.11800	+0.15322

From 11 observations 2002 June 6.

C/2002 L3 (SOHO)

<i>T</i>	2002 June 7.62 TT		MPC	
<i>q</i>		(2000.0)	P	Q
	ω	90.70	+0.16805	-0.97663
	Ω	12.96	-0.95710	-0.19420
<i>e</i>	1.0	<i>i</i> 143.32	+0.23604	-0.09212

From 15 observations 2002 June 7.

C/2002 L4 (SOHO)

<i>T</i>	2002 June 7.71 TT		MPC	
<i>q</i>		(2000.0)	P	Q
	ω	91.07	+0.17237	-0.97551
	Ω	13.56	-0.96050	-0.19722
<i>e</i>	1.0	<i>i</i> 144.37	+0.21845	-0.09740

From 17 observations 2002 June 7.

C/2002 L5 (SOHO)

<i>T</i>	2002 June 11.83 TT		MPC	
<i>q</i>		(2000.0)	P	Q
	ω	51.00	+0.21165	-0.93322
	Ω	329.14	-0.97571	-0.18458
<i>e</i>	1.0	<i>i</i> 145.52	+0.05650	+0.30826

From 7 observations 2002 June 11.

C/2002 L6 (SOHO)

<i>T</i>	2002 June 8.70 TT		MPC	
<i>q</i>		(2000.0)	P	Q
	ω	80.51	+0.17117	-0.98523
	Ω	0.46	-0.95879	-0.16769
<i>e</i>	1.0	<i>i</i> 143.30	+0.22677	+0.03467

From 9 observations 2002 June 8.

C/2002 L7 (SOHO)

<i>T</i>	2002 June 14.16 TT		MPC	
<i>q</i>		(2000.0)	P	Q
	ω	67.22	+0.20448	-0.97062
	Ω	346.92	-0.96827	-0.18154
<i>e</i>	1.0	<i>i</i> 145.89	+0.14368	+0.15795

From 8 observations 2002 June 13.

C/2002 L8 (SOHO)

T	2002 June 15.75 TT		MPC	
q	0.0051	(2000.0)	P	Q
	ω	71.19	+0.18656	-0.97799
	Ω	350.37	-0.97002	-0.16828
e	1.0	i	+0.15575	+0.12339
From 33 observations 2002 June 15.				

46P/Wirtanen

Epoch 2002 Sept. 3.0 TT = JDT 2452520.5				
T	2002 Aug. 26.7463 TT		MPC	
q	1.058760	(2000.0)	P	Q
n	0.1810712	ω	+0.1968223	-0.9595003
a	3.094353	Ω	+0.9045424	+0.0984041
e	0.657841	i	+0.3782381	+0.2639616
P	5.44			
From 252 observations 1995–2002, mean residual 0".6. Nongravitational parameters $A_1 = +0.23$, $A_2 = -0.1892$.				

57P/du Toit-Neujmin-Delporte

Epoch 2002 July 25.0 TT = JDT 2452480.5				
T	2002 July 31.1807 TT		MPC	
q	1.729511	(2000.0)	P	Q
n	0.1536153	ω	+0.5615196	+0.8274276
a	3.452865	Ω	-0.7759209	+0.5232854
e	0.499108	i	-0.2874759	+0.2038039
P	6.42			
From 175 observations 1983–2002, mean residual 0".9. Nongravitational parameters $A_1 = +0.41$, $A_2 = +0.0184$.				

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*.

(42464)	1978 RQ ₇	1978 09 02	809	Lagerkvist, C.-I.	(42478)	1981 RX ₁	1981 09 07	095	Karachkina, L. G.
(42465)	1978 VH ₄	1978 11 07	675	Helin, E. F., Bus, S. J.	(42479)	1981 SE ₇	1981 09 28	095	Zhuravleva, L. V.
(42466)	1978 VP ₆	1978 11 06	675	Helin, E. F., Bus, S. J.	(42480)	1985 RJ	1985 09 14	688	Bowell, E.
(42467)	1978 VX ₆	1978 11 07	675	Helin, E. F., Bus, S. J.	(42481)	1988 CX ₄	1988 02 13	809	Elst, E. W.
(42468)	1979 QY ₂	1979 08 22	809	Lagerkvist, C.-I.	(42482)	1988 RT ₃	1988 09 08	033	Börngen, F.
(42469)	1981 DN ₃	1981 02 28	413	Bus, S. J.	(42483)	1990 VM ₁	1990 11 12	399	Ueda, S., Kaneda, H.
(42470)	1981 EO ₁₆	1981 03 06	413	Bus, S. J.	(42484)	1990 WM ₆	1990 11 21	809	Elst, E. W.
(42471)	1981 ES ₁₆	1981 03 06	413	Bus, S. J.	(42485)	1991 BC ₁	1991 01 18	511	Elst, E. W.
(42472)	1981 EN ₂₅	1981 03 02	413	Bus, S. J.	(42486)	1991 GY ₂	1991 04 08	809	Elst, E. W.
(42473)	1981 ED ₂₆	1981 03 02	413	Bus, S. J.	(42487)	1991 RY ₂	1991 09 09	033	Börngen, F., Schmadel, L. D.
(42474)	1981 EJ ₂₇	1981 03 02	413	Bus, S. J.	(42488)	1991 RN ₁₇	1991 09 11	675	Holt, H. E.
(42475)	1981 EW ₂₈	1981 03 01	413	Bus, S. J.	(42489)	1991 RL ₁₈	1991 09 13	675	Holt, H. E.
(42476)	1981 EP ₃₆	1981 03 07	413	Bus, S. J.	(42490)	1991 SU	1991 09 30	413	McNaught, R. H.
(42477)	1981 QB ₃	1981 08 24	809	Debehogne, H.	(42491)	1991 TF	1991 10 01	413	McNaught, R. H.
					(42492)	1991 TD ₇	1991 10 03	033	Börngen, F., Schmadel, L. D.
					(42493)	1991 TG ₁₄	1991 10 02	675	de Saint-Aignan, C. P.
					(42494)	1991 UH ₁	1991 10 29	691	Spacewatch
					(42495)	1991 VP ₁₂	1991 11 11	691	Spacewatch
					(42496)	1991 XB ₁	1991 12 13	894	Otomo, S.
					(42497)	1992 BZ ₁	1992 01 30	809	Elst, E. W.
					(42498)	1992 DG ₆	1992 02 29	809	UESAC
					(42499)	1992 PE ₃	1992 08 06	675	Holt, H. E.
					(42500)	1992 RV ₆	1992 09 02	809	Elst, E. W.
					(42501)	1992 YC	1992 12 17	010	Pollas, C.
					(42502)	1993 CS ₁	1993 02 10	399	Ueda, S., Kaneda, H.
					(42503)	1993 FU ₄	1993 03 17	809	UESAC
					(42504)	1993 FC ₈	1993 03 17	809	UESAC
					(42505)	1993 FC ₂₀	1993 03 17	809	UESAC
					(42506)	1993 FA ₂₁	1993 03 21	809	UESAC
					(42507)	1993 FJ ₂₅	1993 03 21	809	UESAC
					(42508)	1993 FR ₃₀	1993 03 21	809	UESAC
					(42509)	1993 FV ₃₃	1993 03 19	809	UESAC
					(42510)	1993 FX ₅₅	1993 03 17	809	UESAC
					(42511)	1993 FD ₇₇	1993 03 21	809	UESAC
					(42512)	1993 FW ₈₁	1993 03 18	809	UESAC
					(42513)	1993 SH ₁₅	1993 09 18	675	Holt, H. E.
					(42514)	1993 TG ₁₇	1993 10 09	809	Elst, E. W.
					(42515)	1993 TJ ₃₃	1993 10 09	809	Elst, E. W.
					(42516)	1993 VH ₅	1993 11 11	033	Börngen, F.
					(42517)	1993 XU ₁	1993 12 14	675	Helin, E. F.
					(42518)	1994 AH ₆	1994 01 07	691	Spacewatch
					(42519)	1994 AU ₆	1994 01 07	691	Spacewatch
					(42520)	1994 AB ₈	1994 01 07	691	Spacewatch
					(42521)	1994 BO ₃	1994 01 16	010	Elst, E. W., Pollas, C.
					(42522)	1994 CB ₁₇	1994 02 08	809	Elst, E. W.
					(42523)	1994 ES	1994 03 06	104	Tesi, L., Cattani, G.
					(42524)	1994 PN ₅	1994 08 10	809	Elst, E. W.
					(42525)	1994 PU ₁₈	1994 08 12	809	Elst, E. W.
					(42526)	1994 PA ₃₆	1994 08 10	809	Elst, E. W.
					(42527)	1994 TO ₂	1994 10 02	400	Endate, K., Watanabe, K.
					(42528)	1995 FX ₇	1995 03 25	691	Spacewatch
					(42529)	1995 FA ₁₆	1995 03 28	691	Spacewatch

(42530)	1995 GA	1995 04 01	411	Kobayashi, T.	(42582)	1997 EW ₄	1997 03 02	691	Spacewatch
(42531)	1995 LJ	1995 06 05	413	Asher, D. J.	(42583)	1997 EP ₃₃	1997 03 04	704	LINEAR
(42532)	1995 OR	1995 07 24	905	Shimizu, Y., Urata, T.	(42584)	1997 ET ₄₆	1997 03 12	809	Elst, E. W.
(42533)	1995 SM ₁₉	1995 09 18	691	Spacewatch	(42585)	1997 FJ ₁	1997 03 30	596	Casulli, V. S.
(42534)	1995 UL ₇	1995 10 27	411	Kobayashi, T.	(42586)	1997 FG ₃	1997 03 31	704	LINEAR
(42535)	1995 VN ₉	1995 11 15	691	Spacewatch	(42587)	1997 GW ₆	1997 04 02	704	LINEAR
(42536)	1995 VX ₁₃	1995 11 15	691	Spacewatch	(42588)	1997 GU ₁₅	1997 04 03	704	LINEAR
(42537)	1995 WZ ₁	1995 11 18	411	Kobayashi, T.	(42589)	1997 GP ₃₃	1997 04 03	704	LINEAR
(42538)	1995 WZ ₇	1995 11 29	411	Kobayashi, T.	(42590)	1997 GW ₃₄	1997 04 03	704	LINEAR
(42539)	1995 WQ ₉	1995 11 16	691	Spacewatch	(42591)	1997 GE ₄₂	1997 04 09	809	Elst, E. W.
(42540)	1995 WX ₁₇	1995 11 17	691	Spacewatch	(42592)	1997 HT	1997 04 28	691	Spacewatch
(42541)	1996 AQ	1996 01 11	411	Kobayashi, T.	(42593)	1997 JQ	1997 05 01	552	Osservatorio San Vittore
(42542)	1996 AX	1996 01 11	411	Kobayashi, T.	(42594)	1997 JQ ₁	1997 05 01	910	ODAS
(42543)	1996 BR	1996 01 16	817	di Cicco, D.	(42595)	1997 PL	1997 08 01	566	JPL/GEODSS NEAT
(42544)	1996 EL ₂	1996 03 11	608	AMOS	(42596)	1997 SB	1997 09 18	118	Zigo, P., Pravda, A.
(42545)	1996 FR ₂	1996 03 21	589	Vagnozzi, A.	(42597)	1997 SR ₅	1997 09 23	691	Spacewatch
(42546)	1996 GF ₁	1996 04 15	120	Višnjani	(42598)	1997 UD ₈	1997 10 29	046	Klet
(42547)	1996 GY ₁₉	1996 04 15	809	Elst, E. W.	(42599)	1997 UT ₂₂	1997 10 25	408	Hirasawa, M., Suzuki, S.
(42548)	1996 HU ₁₂	1996 04 17	809	Elst, E. W.	(42600)	1997 YF ₁₀	1997 12 28	411	Kobayashi, T.
(42549)	1996 HJ ₁₇	1996 04 18	809	Elst, E. W.	(42601)	1998 AN ₁₀	1998 01 02	428	Broughton, J.
(42550)	1996 HU ₂₃	1996 04 20	809	Elst, E. W.	(42602)	1998 BX ₆	1998 01 24	411	Kobayashi, T.
(42551)	1996 JH ₁₄	1996 05 12	691	Spacewatch	(42603)	1998 BP ₁₂	1998 01 23	704	LINEAR
(42552)	1996 RH ₂₅	1996 09 11	566	JPL/GEODSS NEAT	(42604)	1998 BT ₁₅	1998 01 24	566	JPL/GEODSS NEAT
(42553)	1996 RN ₂₅	1996 09 12	691	Spacewatch	(42605)	1998 BR ₂₅	1998 01 27	046	Klet
(42554)	1996 RJ ₂₈	1996 09 11	809	Uppsala-DLR Trojan Survey	(42606)	1998 DD	1998 02 16	327	BAO Schmidt CCD Asteroid Program
(42555)	1996 RU ₃₁	1996 09 13	809	Uppsala-DLR Trojan Survey	(42607)	1998 DQ ₁₀	1998 02 23	566	JPL/GEODSS NEAT
(42556)	1996 TA ₈	1996 10 12	817	di Cicco, D.	(42608)	1998 DD ₂₄	1998 02 28	732	Roe, J. M.
(42557)	1996 TB ₆₇	1996 10 07	691	Spacewatch	(42609)	1998 DB ₃₄	1998 02 27	809	Elst, E. W.
(42558)	1996 VV ₁₅	1996 11 05	691	Spacewatch	(42610)	1998 DD ₃₅	1998 02 27	809	Elst, E. W.
(42559)	1996 VH ₂₈	1996 11 11	691	Spacewatch	(42611)	1998 EU ₁	1998 03 02	910	ODAS
(42560)	1996 VL ₃₀	1996 11 07	399	Ueda, S., Kaneda, H.	(42612)	1998 EL ₃	1998 03 01	691	Spacewatch
(42561)	1996 XK ₆	1996 12 03	905	Shimizu, Y., Urata, T.	(42613)	1998 EC ₄	1998 03 02	691	Spacewatch
(42562)	1996 XZ ₁₇	1996 12 07	691	Spacewatch	(42614)	1998 EY ₆	1998 03 02	104	Tesi, L., Caronia, A.
(42563)	1996 XK ₂₂	1996 12 08	691	Spacewatch	(42615)	1998 EV ₁₁	1998 03 01	809	Elst, E. W.
(42564)	1996 XF ₂₃	1996 12 12	691	Spacewatch	(42616)	1998 EX ₂₀	1998 03 03	809	Elst, E. W.
(42565)	1996 XF ₂₄	1996 12 05	691	Spacewatch	(42617)	1998 FJ ₁	1998 03 20	426	Zoltowski, F. B.
(42566)	1996 XQ ₂₅	1996 12 03	372	Seki, T.	(42618)	1998 FM ₈	1998 03 21	691	Spacewatch
(42567)	1996 XF ₃₃	1996 12 06	327	BAO Schmidt CCD Asteroid Program	(42619)	1998 FE ₁₂	1998 03 25	046	Klet
(42568)	1996 YC	1996 12 20	411	Kobayashi, T.	(42620)	1998 FS ₁₃	1998 03 26	566	JPL/GEODSS NEAT
(42569)	1996 YC ₁	1996 12 20	411	Kobayashi, T.	(42621)	1998 FW ₂₀	1998 03 20	704	LINEAR
(42570)	1996 YA ₂	1996 12 20	327	BAO Schmidt CCD Asteroid Program	(42622)	1998 FF ₂₆	1998 03 20	704	LINEAR
(42571)	1996 YL ₃	1996 12 18	327	BAO Schmidt CCD Asteroid Program	(42623)	1998 FT ₂₇	1998 03 20	704	LINEAR
(42572)	1997 AO	1997 01 02	411	Kobayashi, T.	(42624)	1998 FJ ₂₈	1998 03 20	704	LINEAR
(42573)	1997 AN ₁	1997 01 02	411	Kobayashi, T.	(42625)	1998 FZ ₂₉	1998 03 20	704	LINEAR
(42574)	1997 AE ₃	1997 01 04	411	Kobayashi, T.	(42626)	1998 FU ₃₁	1998 03 20	704	LINEAR
(42575)	1997 AD ₄	1997 01 06	411	Kobayashi, T.	(42627)	1998 FF ₃₃	1998 03 20	704	LINEAR
(42576)	1997 AP ₅	1997 01 07	411	Kobayashi, T.	(42628)	1998 FH ₄₁	1998 03 20	704	LINEAR
(42577)	1997 AB ₁₈	1997 01 15	411	Kobayashi, T.	(42629)	1998 FL ₄₃	1998 03 20	704	LINEAR
(42578)	1997 BD ₅	1997 01 31	691	Spacewatch	(42630)	1998 FE ₄₇	1998 03 20	704	LINEAR
(42579)	1997 BV ₅	1997 01 31	684	Comba, P. G.	(42631)	1998 FR ₄₈	1998 03 20	704	LINEAR
(42580)	1997 CX ₂₂	1997 02 03	691	Spacewatch	(42632)	1998 FQ ₅₃	1998 03 20	704	LINEAR
(42581)	1997 CB ₂₉	1997 02 07	327	BAO Schmidt CCD Asteroid Program	(42633)	1998 FW ₅₈	1998 03 20	704	LINEAR

(42634)	1998 FF ₆₀	1998 03 20	704	LINEAR	(42686)	1998 JH ₁	1998 05 01	566	JPL/GEODSS NEAT
(42635)	1998 FS ₆₀	1998 03 20	704	LINEAR	(42687)	1998 JS ₁	1998 05 01	566	JPL/GEODSS NEAT
(42636)	1998 FO ₆₁	1998 03 20	704	LINEAR	(42688)	1998 JV ₄	1998 05 01	704	LINEAR
(42637)	1998 FZ ₆₁	1998 03 20	704	LINEAR	(42689)	1998 KX	1998 05 23	684	Comba, P. G.
(42638)	1998 FL ₆₂	1998 03 20	704	LINEAR	(42690)	1998 KY ₅	1998 05 24	691	Spacewatch
(42639)	1998 FW ₆₃	1998 03 20	704	LINEAR	(42691)	1998 KT ₁₁	1998 05 23	691	Spacewatch
(42640)	1998 FX ₆₃	1998 03 20	704	LINEAR	(42692)	1998 KG ₃₅	1998 05 22	704	LINEAR
(42641)	1998 FD ₆₅	1998 03 20	704	LINEAR	(42693)	1998 KQ ₃₈	1998 05 22	704	LINEAR
(42642)	1998 FQ ₆₆	1998 03 20	704	LINEAR	(42694)	1998 KQ ₄₄	1998 05 22	704	LINEAR
(42643)	1998 FX ₆₆	1998 03 20	704	LINEAR	(42695)	1998 KM ₅₄	1998 05 23	704	LINEAR
(42644)	1998 FE ₆₇	1998 03 20	704	LINEAR	(42696)	1998 KO ₆₂	1998 05 22	704	LINEAR
(42645)	1998 FW ₆₇	1998 03 20	704	LINEAR	(42697)	1998 LP ₂	1998 06 01	809	Elst, E. W.
(42646)	1998 FF ₆₉	1998 03 20	704	LINEAR	(42698)	1998 MB ₁	1998 06 19	691	Spacewatch
(42647)	1998 FY ₆₉	1998 03 20	704	LINEAR	(42699)	1998 MO ₈	1998 06 19	704	LINEAR
(42648)	1998 FR ₇₂	1998 03 20	704	LINEAR	(42700)	1998 MO ₁₀	1998 06 19	704	LINEAR
(42649)	1998 FM ₇₆	1998 03 24	704	LINEAR	(42701)	1998 MD ₁₃	1998 06 19	704	LINEAR
(42650)	1998 FZ ₇₆	1998 03 24	704	LINEAR	(42702)	1998 ME ₁₉	1998 06 19	704	LINEAR
(42651)	1998 FF ₇₇	1998 03 24	704	LINEAR	(42703)	1998 MM ₂₉	1998 06 24	704	LINEAR
(42652)	1998 FS ₇₈	1998 03 24	704	LINEAR	(42704)	1998 MB ₃₂	1998 06 24	704	LINEAR
(42653)	1998 FE ₈₈	1998 03 24	704	LINEAR	(42705)	1998 OW ₈	1998 07 26	809	Elst, E. W.
(42654)	1998 FC ₁₀₇	1998 03 31	704	LINEAR	(42706)	1998 QY	1998 08 19	684	Comba, P. G.
(42655)	1998 FU ₁₀₈	1998 03 31	704	LINEAR	(42707)	1998 QM ₂	1998 08 17	120	Višnjan
(42656)	1998 FU ₁₁₃	1998 03 31	704	LINEAR	(42708)	1998 QD ₁₁	1998 08 17	704	LINEAR
(42657)	1998 FC ₁₁₇	1998 03 31	704	LINEAR	(42709)	1998 QM ₁₇	1998 08 17	704	LINEAR
(42658)	1998 FQ ₁₁₈	1998 03 31	704	LINEAR	(42710)	1998 QD ₂₀	1998 08 17	704	LINEAR
(42659)	1998 FR ₁₂₁	1998 03 20	704	LINEAR	(42711)	1998 QY ₂₅	1998 08 25	120	Višnjan
(42660)	1998 FR ₁₂₆	1998 03 29	120	Višnjan	(42712)	1998 QX ₂₈	1998 08 23	327	BAO Schmidt CCD Asteroid Program
(42661)	1998 FT ₁₂₆	1998 03 29	120	Višnjan	(42713)	1998 QS ₃₃	1998 08 17	704	LINEAR
(42662)	1998 FQ ₁₃₃	1998 03 20	704	LINEAR	(42714)	1998 QW ₃₈	1998 08 17	704	LINEAR
(42663)	1998 FD ₁₃₄	1998 03 20	704	LINEAR	(42715)	1998 QE ₄₄	1998 08 17	704	LINEAR
(42664)	1998 FG ₁₄₃	1998 03 29	704	LINEAR	(42716)	1998 QQ ₄₄	1998 08 17	704	LINEAR
(42665)	1998 HF ₄	1998 04 19	691	Spacewatch	(42717)	1998 QM ₄₇	1998 08 19	704	LINEAR
(42666)	1998 HU ₆	1998 04 22	910	ODAS	(42718)	1998 QU ₅₂	1998 08 20	699	LONEOS
(42667)	1998 HK ₂₀	1998 04 20	704	LINEAR	(42719)	1998 QL ₆₆	1998 08 24	704	LINEAR
(42668)	1998 HR ₂₀	1998 04 20	704	LINEAR	(42720)	1998 QH ₆₉	1998 08 24	704	LINEAR
(42669)	1998 HH ₃₃	1998 04 20	704	LINEAR	(42721)	1998 QM ₇₀	1998 08 24	704	LINEAR
(42670)	1998 HY ₃₅	1998 04 20	704	LINEAR	(42722)	1998 QX ₇₀	1998 08 24	704	LINEAR
(42671)	1998 HQ ₆₈	1998 04 21	704	LINEAR	(42723)	1998 QL ₇₃	1998 08 24	704	LINEAR
(42672)	1998 HL ₉₁	1998 04 21	704	LINEAR	(42724)	1998 QJ ₇₆	1998 08 24	704	LINEAR
(42673)	1998 HL ₉₄	1998 04 21	704	LINEAR	(42725)	1998 QK ₈₀	1998 08 24	704	LINEAR
(42674)	1998 HS ₉₅	1998 04 21	704	LINEAR	(42726)	1998 QW ₈₄	1998 08 24	704	LINEAR
(42675)	1998 HW ₁₁₉	1998 04 23	704	LINEAR	(42727)	1998 QX ₈₅	1998 08 24	704	LINEAR
(42676)	1998 HS ₁₂₁	1998 04 23	704	LINEAR	(42728)	1998 QX ₈₆	1998 08 24	704	LINEAR
(42677)	1998 HY ₁₂₉	1998 04 19	704	LINEAR	(42729)	1998 QE ₉₀	1998 08 24	704	LINEAR
(42678)	1998 HR ₁₃₀	1998 04 19	704	LINEAR	(42730)	1998 QE ₁₀₆	1998 08 25	809	Elst, E. W.
(42679)	1998 HL ₁₃₈	1998 04 21	704	LINEAR	(42731)	1998 QJ ₁₀₆	1998 08 25	809	Elst, E. W.
(42680)	1998 HL ₁₄₃	1998 04 21	704	LINEAR	(42732)	1998 RD ₁	1998 09 12	411	Kobayashi, T.
(42681)	1998 HV ₁₄₃	1998 04 21	704	LINEAR	(42733)	1998 RH ₂	1998 09 15	910	ODAS
(42682)	1998 HF ₁₄₅	1998 04 21	704	LINEAR	(42734)	1998 RH ₁₉	1998 09 14	704	LINEAR
(42683)	1998 HS ₁₄₈	1998 04 25	809	Elst, E. W.	(42735)	1998 RZ ₁₉	1998 09 14	704	LINEAR
(42684)	1998 HQ ₁₅₀	1998 04 20	691	Spacewatch	(42736)	1998 RJ ₂₅	1998 09 14	704	LINEAR
(42685)	1998 JY	1998 05 01	566	JPL/GEODSS NEAT	(42737)	1998 RJ ₄₅	1998 09 14	704	LINEAR

(42738)	1998 RK ₄₆	1998 09 14	704	LINEAR	(42790)	1998 XS ₉₃	1998 12 15	704	LINEAR
(42739)	1998 RJ ₅₇	1998 09 14	704	LINEAR	(42791)	1999 AD ₆	1999 01 15	691	Spacewatch
(42740)	1998 RY ₆₂	1998 09 14	704	LINEAR	(42792)	1999 AM ₁₃	1999 01 07	691	Spacewatch
(42741)	1998 RW ₆₅	1998 09 14	704	LINEAR	(42793)	1999 BN ₅	1999 01 19	651	McGaha, J.
(42742)	1998 RT ₆₆	1998 09 14	704	LINEAR	(42794)	1999 BL ₁₈	1999 01 16	704	LINEAR
(42743)	1998 RP ₇₃	1998 09 14	704	LINEAR	(42795)	1999 CO ₁₂	1999 02 14	910	ODAS
(42744)	1998 RH ₇₄	1998 09 14	704	LINEAR	(42796)	1999 CP ₅₃	1999 02 10	704	LINEAR
(42745)	1998 RK ₇₇	1998 09 14	704	LINEAR	(42797)	1999 CL ₇₆	1999 02 12	704	LINEAR
(42746)	1998 SV ₈	1998 09 20	691	Spacewatch	(42798)	1999 DH ₂	1999 02 19	411	Kobayashi, T.
(42747)	1998 SU ₁₀	1998 09 21	610	Goretti, V.	(42799)	1999 DV ₅	1999 02 17	704	LINEAR
(42748)	1998 SV ₁₀	1998 09 21	610	Goretti, V.	(42800)	1999 FB ₂₈	1999 03 19	704	LINEAR
(42749)	1998 SL ₂₅	1998 09 22	699	LONEOS	(42801)	1999 FK ₄₁	1999 03 20	704	LINEAR
(42750)	1998 SO ₅₃	1998 09 16	699	LONEOS	(42802)	1999 GE ₁₅	1999 04 15	704	LINEAR
(42751)	1998 SP ₅₅	1998 09 16	699	LONEOS	(42803)	1999 GG ₂₁	1999 04 15	704	LINEAR
(42752)	1998 SV ₅₅	1998 09 16	699	LONEOS	(42804)	1999 GQ ₃₃	1999 04 12	704	LINEAR
(42753)	1998 SS ₅₉	1998 09 17	699	LONEOS	(42805)	1999 JU ₁	1999 05 08	703	CSS
(42754)	1998 SN ₆₀	1998 09 17	699	LONEOS	(42806)	1999 JR ₃	1999 05 10	704	LINEAR
(42755)	1998 ST ₆₁	1998 09 17	699	LONEOS	(42807)	1999 JM ₁₂	1999 05 08	703	CSS
(42756)	1998 SA ₆₃	1998 09 25	327	BAO Schmidt CCD Asteroid Program	(42808)	1999 JZ ₁₃	1999 05 12	704	LINEAR
(42757)	1998 SY ₆₇	1998 09 19	704	LINEAR	(42809)	1999 JJ ₂₀	1999 05 10	704	LINEAR
(42758)	1998 SD ₇₂	1998 09 21	809	Elst, E. W.	(42810)	1999 JP ₇₂	1999 05 12	704	LINEAR
(42759)	1998 SR ₇₃	1998 09 21	809	Elst, E. W.	(42811)	1999 JN ₈₁	1999 05 07	704	LINEAR
(42760)	1998 SY ₇₈	1998 09 26	704	LINEAR	(42812)	1999 JC ₉₄	1999 05 12	704	LINEAR
(42761)	1998 SK ₁₀₄	1998 09 26	704	LINEAR	(42813)	1999 JU ₁₂₁	1999 05 13	704	LINEAR
(42762)	1998 SB ₁₁₆	1998 09 26	704	LINEAR	(42814)	1999 LR ₁₃	1999 06 09	704	LINEAR
(42763)	1998 SV ₁₁₉	1998 09 26	704	LINEAR	(42815)	1999 LH ₃₂	1999 06 15	691	Spacewatch
(42764)	1998 SJ ₁₂₂	1998 09 26	704	LINEAR	(42816)	1999 NZ ₁	1999 07 12	704	LINEAR
(42765)	1998 SR ₁₃₇	1998 09 26	704	LINEAR	(42817)	1999 NB ₄	1999 07 13	704	LINEAR
(42766)	1998 SN ₁₄₃	1998 09 18	809	Elst, E. W.	(42818)	1999 NU ₄	1999 07 12	120	Korlević, K.
(42767)	1998 SJ ₁₅₀	1998 09 26	704	LINEAR	(42819)	1999 NF ₅	1999 07 15	120	Korlević, K.
(42768)	1998 SA ₁₆₈	1998 09 19	699	LONEOS	(42820)	1999 NA ₇	1999 07 13	704	LINEAR
(42769)	1998 TA ₁	1998 10 12	691	Spacewatch	(42821)	1999 NV ₁₁	1999 07 13	704	LINEAR
(42770)	1998 TH ₅	1998 10 13	120	Korlević, K.	(42822)	1999 NT ₁₃	1999 07 14	704	LINEAR
(42771)	1998 TB ₃₂	1998 10 11	699	LONEOS	(42823)	1999 NO ₁₅	1999 07 14	704	LINEAR
(42772)	1998 TJ ₃₄	1998 10 14	699	LONEOS	(42824)	1999 NF ₁₆	1999 07 14	704	LINEAR
(42773)	1998 UN ₁₅	1998 10 23	120	Korlević, K.	(42825)	1999 NK ₂₆	1999 07 14	704	LINEAR
(42774)	1998 UZ ₂₀	1998 10 29	120	Korlević, K.	(42826)	1999 NX ₂₆	1999 07 14	704	LINEAR
(42775)	1998 UO ₂₃	1998 10 26	098	Cima Ekar	(42827)	1999 NC ₃₆	1999 07 14	704	LINEAR
(42776)	1998 UV ₂₆	1998 10 18	809	Elst, E. W.	(42828)	1999 NH ₃₉	1999 07 14	704	LINEAR
(42777)	1998 UY ₃₀	1998 10 18	809	Elst, E. W.	(42829)	1999 NN ₃₉	1999 07 14	704	LINEAR
(42778)	1998 UC ₃₃	1998 10 28	704	LINEAR	(42830)	1999 NE ₄₀	1999 07 14	704	LINEAR
(42779)	1998 VD ₁₃	1998 11 10	704	LINEAR	(42831)	1999 NF ₄₃	1999 07 13	704	LINEAR
(42780)	1998 VW ₁₇	1998 11 10	704	LINEAR	(42832)	1999 NL ₄₄	1999 07 13	704	LINEAR
(42781)	1998 VL ₂₈	1998 11 10	704	LINEAR	(42833)	1999 NH ₄₈	1999 07 13	704	LINEAR
(42782)	1998 VC ₄₈	1998 11 15	691	Spacewatch	(42834)	1999 NU ₄₈	1999 07 13	704	LINEAR
(42783)	1998 VV ₅₃	1998 11 14	704	LINEAR	(42835)	1999 NS ₅₆	1999 07 12	704	LINEAR
(42784)	1998 WD ₁	1998 11 16	703	CSS	(42836)	1999 OO ₃	1999 07 22	704	LINEAR
(42785)	1998 WJ ₁	1998 11 18	703	CSS	(42837)	1999 PR ₁	1999 08 09	428	Broughton, J.
(42786)	1998 WU ₄	1998 11 18	703	CSS	(42838)	1999 PP ₃	1999 08 13	557	Pravec, P., Kušnirák, P.
(42787)	1998 WC ₁₆	1998 11 21	704	LINEAR	(42839)	1999 PP ₆	1999 08 07	699	LONEOS
(42788)	1998 XF ₁₃	1998 12 15	910	ODAS	(42840)	1999 RU	1999 09 04	428	Broughton, J.
(42789)	1998 XP ₇₄	1998 12 14	704	LINEAR	(42841)	1999 RO ₃	1999 09 04	703	CSS

(42842)	1999 RK ₉	1999 09 04	691	Spacewatch	(42894)	1999 RM ₁₈₁	1999 09 09	704	LINEAR
(42843)	1999 RV ₁₁	1999 09 07	704	LINEAR	(42895)	1999 RK ₁₈₂	1999 09 09	704	LINEAR
(42844)	1999 RC ₁₂	1999 09 07	704	LINEAR	(42896)	1999 RX ₁₈₂	1999 09 09	704	LINEAR
(42845)	1999 RV ₁₆	1999 09 07	704	LINEAR	(42897)	1999 RZ ₁₈₇	1999 09 09	704	LINEAR
(42846)	1999 R _{J26}	1999 09 07	704	LINEAR	(42898)	1999 RC ₁₉₀	1999 09 09	704	LINEAR
(42847)	1999 RC ₄₃	1999 09 11	413	McNaught, R. H.	(42899)	1999 RV ₁₉₃	1999 09 07	704	LINEAR
(42848)	1999 RT ₄₃	1999 09 13	120	Korlević, K.	(42900)	1999 RB ₁₉₅	1999 09 08	704	LINEAR
(42849)	1999 RK ₄₄	1999 09 15	118	Galád, A., Kolény, P.	(42901)	1999 RN ₁₉₆	1999 09 08	704	LINEAR
(42850)	1999 RS ₅₀	1999 09 07	704	LINEAR	(42902)	1999 RM ₁₉₇	1999 09 08	704	LINEAR
(42851)	1999 RA ₅₁	1999 09 07	704	LINEAR	(42903)	1999 RL ₂₀₀	1999 09 08	704	LINEAR
(42852)	1999 RX ₅₂	1999 09 07	704	LINEAR	(42904)	1999 RV ₂₀₂	1999 09 08	704	LINEAR
(42853)	1999 RP ₆₉	1999 09 07	704	LINEAR	(42905)	1999 RC ₂₀₃	1999 09 08	704	LINEAR
(42854)	1999 RV ₇₀	1999 09 07	704	LINEAR	(42906)	1999 RK ₂₁₂	1999 09 08	704	LINEAR
(42855)	1999 RF ₇₂	1999 09 07	704	LINEAR	(42907)	1999 RN ₂₁₂	1999 09 08	704	LINEAR
(42856)	1999 RO ₇₃	1999 09 07	704	LINEAR	(42908)	1999 RL ₂₁₄	1999 09 05	699	LONEOS
(42857)	1999 RS ₈₄	1999 09 07	704	LINEAR	(42909)	1999 RH ₂₁₈	1999 09 04	699	LONEOS
(42858)	1999 RL ₈₈	1999 09 07	704	LINEAR	(42910)	1999 RB ₂₂₁	1999 09 05	699	LONEOS
(42859)	1999 RB ₈₉	1999 09 07	704	LINEAR	(42911)	1999 RJ ₂₂₁	1999 09 05	699	LONEOS
(42860)	1999 RC ₉₀	1999 09 07	704	LINEAR	(42912)	1999 RQ ₂₂₁	1999 09 05	703	CSS
(42861)	1999 RQ ₉₀	1999 09 07	704	LINEAR	(42913)	1999 RW ₂₂₃	1999 09 07	703	CSS
(42862)	1999 RH ₉₇	1999 09 07	704	LINEAR	(42914)	1999 RA ₂₃₂	1999 09 09	699	LONEOS
(42863)	1999 RD ₉₉	1999 09 07	704	LINEAR	(42915)	1999 RD ₂₃₂	1999 09 09	699	LONEOS
(42864)	1999 RY ₁₀₁	1999 09 08	704	LINEAR	(42916)	1999 RH ₂₃₈	1999 09 08	703	CSS
(42865)	1999 RR ₁₀₃	1999 09 08	704	LINEAR	(42917)	1999 SU ₁	1999 09 21	681	Billings, G. W.
(42866)	1999 R _{J104}	1999 09 08	704	LINEAR	(42918)	1999 SK ₄	1999 09 29	120	Korlević, K.
(42867)	1999 RO ₁₁₃	1999 09 09	704	LINEAR	(42919)	1999 SS ₄	1999 09 29	120	Korlević, K.
(42868)	1999 RT ₁₁₅	1999 09 09	704	LINEAR	(42920)	1999 SA ₈	1999 09 29	704	LINEAR
(42869)	1999 RD ₁₁₇	1999 09 09	704	LINEAR	(42921)	1999 SH ₈	1999 09 29	704	LINEAR
(42870)	1999 RM ₁₂₀	1999 09 09	704	LINEAR	(42922)	1999 SP ₈	1999 09 29	704	LINEAR
(42871)	1999 RA ₁₂₃	1999 09 09	704	LINEAR	(42923)	1999 SR ₁₈	1999 09 30	704	LINEAR
(42872)	1999 RB ₁₂₄	1999 09 09	704	LINEAR	(42924)	1999 TJ ₂	1999 10 02	557	Ondřejov
(42873)	1999 RV ₁₂₇	1999 09 09	704	LINEAR	(42925)	1999 TC ₆	1999 10 06	734	Bell, G., Hug, G.
(42874)	1999 RM ₁₂₈	1999 09 09	704	LINEAR	(42926)	1999 TJ ₇	1999 10 06	120	Korlević, K., Jurić, M.
(42875)	1999 RO ₁₂₈	1999 09 09	704	LINEAR	(42927)	1999 TP ₇	1999 10 07	649	Powell
(42876)	1999 RS ₁₃₂	1999 09 09	704	LINEAR	(42928)	1999 TX ₇	1999 10 02	704	LINEAR
(42877)	1999 RW ₁₃₃	1999 09 09	704	LINEAR	(42929)	1999 TW ₉	1999 10 08	104	Tesi, L., Forti, G.
(42878)	1999 RT ₁₃₅	1999 09 09	704	LINEAR	(42930)	1999 TM ₁₁	1999 10 06	413	McNaught, R. H.
(42879)	1999 RD ₁₃₆	1999 09 09	704	LINEAR	(42931)	1999 TG ₁₇	1999 10 15	120	Korlević, K.
(42880)	1999 RX ₁₃₈	1999 09 09	704	LINEAR	(42932)	1999 TF ₁₉	1999 10 12	012	Pauwels, T.
(42881)	1999 RD ₁₄₅	1999 09 09	704	LINEAR	(42933)	1999 TR ₁₉	1999 10 15	413	McNaught, R. H.
(42882)	1999 RZ ₁₄₅	1999 09 09	704	LINEAR	(42934)	1999 TL ₂₅	1999 10 03	704	LINEAR
(42883)	1999 R _{J146}	1999 09 09	704	LINEAR	(42935)	1999 TS ₂₆	1999 10 03	704	LINEAR
(42884)	1999 RF ₁₄₈	1999 09 09	704	LINEAR	(42936)	1999 TL ₂₇	1999 10 03	704	LINEAR
(42885)	1999 RZ ₁₄₈	1999 09 09	704	LINEAR	(42937)	1999 TU ₂₈	1999 10 04	704	LINEAR
(42886)	1999 RL ₁₅₀	1999 09 09	704	LINEAR	(42938)	1999 TY ₃₀	1999 10 04	704	LINEAR
(42887)	1999 RV ₁₅₅	1999 09 09	704	LINEAR	(42939)	1999 TJ ₃₁	1999 10 04	704	LINEAR
(42888)	1999 RH ₁₆₃	1999 09 09	704	LINEAR	(42940)	1999 TP ₃₈	1999 10 01	703	CSS
(42889)	1999 RW ₁₆₄	1999 09 09	704	LINEAR	(42941)	1999 TX ₇₄	1999 10 10	691	Spacewatch
(42890)	1999 RG ₁₆₇	1999 09 09	704	LINEAR	(42942)	1999 TK ₇₇	1999 10 10	691	Spacewatch
(42891)	1999 RH ₁₆₉	1999 09 09	704	LINEAR	(42943)	1999 TH ₉₂	1999 10 02	704	LINEAR
(42892)	1999 RF ₁₈₀	1999 09 09	704	LINEAR	(42944)	1999 TQ ₉₃	1999 10 02	704	LINEAR
(42893)	1999 RQ ₁₈₀	1999 09 09	704	LINEAR	(42945)	1999 TW ₉₄	1999 10 02	704	LINEAR

(42946)	1999 TU ₉₅	1999 10 02	704	LINEAR	(42998)	1999 UV ₁	1999 10 17	557	Pravec, P., Kušnirák, P.
(42947)	1999 TB ₉₈	1999 10 02	704	LINEAR	(42999)	1999 UQ ₂	1999 10 18	557	Pravec, P.
(42948)	1999 TR ₉₈	1999 10 02	704	LINEAR	(43000)	1999 UL ₈	1999 10 29	703	CSS
(42949)	1999 TV ₁₀₀	1999 10 02	704	LINEAR	(43001)	1999 UE ₉	1999 10 29	703	CSS
(42950)	1999 TF ₁₀₁	1999 10 02	704	LINEAR	(43002)	1999 US ₁₂	1999 10 29	703	CSS
(42951)	1999 TU ₁₀₁	1999 10 02	704	LINEAR	(43003)	1999 UC ₁₄	1999 10 29	703	CSS
(42952)	1999 TV ₁₀₂	1999 10 02	704	LINEAR	(43004)	1999 UR ₁₆	1999 10 29	703	CSS
(42953)	1999 TK ₁₀₉	1999 10 04	704	LINEAR	(43005)	1999 UA ₁₇	1999 10 30	703	CSS
(42954)	1999 TK ₁₁₈	1999 10 04	704	LINEAR	(43006)	1999 UG ₂₆	1999 10 30	703	CSS
(42955)	1999 TK ₁₂₁	1999 10 04	704	LINEAR	(43007)	1999 UK ₂₇	1999 10 30	691	Spacewatch
(42956)	1999 TH ₁₂₂	1999 10 04	704	LINEAR	(43008)	1999 UD ₃₁	1999 10 31	691	Spacewatch
(42957)	1999 TK ₁₂₂	1999 10 04	704	LINEAR	(43009)	1999 UB ₃₉	1999 10 29	699	LONEOS
(42958)	1999 TB ₁₂₇	1999 10 04	704	LINEAR	(43010)	1999 UE ₄₁	1999 10 17	699	LONEOS
(42959)	1999 TC ₁₃₆	1999 10 06	704	LINEAR	(43011)	1999 UD ₄₂	1999 10 20	704	LINEAR
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(42961)	1999 TD ₁₄₀	1999 10 06	704	LINEAR	(43013)	1999 UX ₅₀	1999 10 30	703	CSS
(42962)	1999 TQ ₁₄₀	1999 10 06	704	LINEAR	(43014)	1999 UQ ₅₁	1999 10 31	703	CSS
(42963)	1999 TH ₁₄₄	1999 10 07	704	LINEAR	(43015)	1999 UD ₅₂	1999 10 31	703	CSS
(42964)	1999 TD ₁₄₇	1999 10 07	704	LINEAR	(43016)	1999 VM	1999 11 02	732	Roe, J. M.
(42965)	1999 TH ₁₅₁	1999 10 07	704	LINEAR	(43017)	1999 VA ₂	1999 11 05	732	Roe, J. M.
(42966)	1999 TR ₁₅₁	1999 10 07	704	LINEAR	(43018)	1999 VY ₂	1999 11 04	905	Shimizu, Y., Urata, T.
(42967)	1999 TR ₁₆₄	1999 10 10	704	LINEAR	(43019)	1999 VG ₃	1999 11 01	691	Spacewatch
(42968)	1999 TT ₁₆₅	1999 10 10	704	LINEAR	(43020)	1999 VO ₄	1999 11 01	703	CSS
(42969)	1999 TD ₁₇₃	1999 10 10	704	LINEAR	(43021)	1999 VT ₅	1999 11 04	905	Shimizu, Y., Urata, T.
(42970)	1999 TD ₁₇₄	1999 10 10	704	LINEAR	(43022)	1999 VR ₇	1999 11 07	120	Korlević, K.
(42971)	1999 TW ₁₈₀	1999 10 10	704	LINEAR	(43023)	1999 VS ₁₂	1999 11 11	678	Juels, C. W.
(42972)	1999 TA ₁₈₁	1999 10 10	704	LINEAR	(43024)	1999 VU ₁₂	1999 11 11	678	Juels, C. W.
(42973)	1999 TU ₁₈₄	1999 10 12	704	LINEAR	(43025)	1999 VW ₁₂	1999 11 01	012	Elst, E. W., Ipatov, S.
(42974)	1999 TX ₁₈₆	1999 10 12	704	LINEAR	(43026)	1999 VJ ₂₀	1999 11 11	678	Juels, C. W.
(42975)	1999 TW ₁₉₆	1999 10 12	704	LINEAR	(43027)	1999 VA ₂₃	1999 11 12	143	Sposetti, S.
(42976)	1999 TL ₂₁₁	1999 10 15	704	LINEAR	(43028)	1999 VE ₂₃	1999 11 12	143	Sposetti, S.
(42977)	1999 TH ₂₁₆	1999 10 15	704	LINEAR	(43029)	1999 VT ₂₄	1999 11 13	411	Kobayashi, T.
(42978)	1999 TL ₂₁₉	1999 10 01	703	CSS	(43030)	1999 VK ₂₅	1999 11 13	411	Kobayashi, T.
(42979)	1999 TR ₂₂₀	1999 10 01	703	CSS	(43031)	1999 VY ₂₅	1999 11 14	734	Hug, G., Bell, G.
(42980)	1999 TM ₂₂₄	1999 10 01	703	CSS	(43032)	1999 VR ₂₆	1999 11 03	704	LINEAR
(42981)	1999 TY ₂₂₄	1999 10 02	557	Ondřejov	(43033)	1999 VT ₂₉	1999 11 03	704	LINEAR
(42982)	1999 TC ₂₂₇	1999 10 05	699	LONEOS	(43034)	1999 VO ₃₄	1999 11 03	704	LINEAR
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(42985)	1999 TR ₂₃₀	1999 10 04	699	LONEOS	(43037)	1999 VH ₃₇	1999 11 03	704	LINEAR
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(42988)	1999 TK ₂₄₂	1999 10 04	703	CSS	(43040)	1999 VT ₄₅	1999 11 04	703	CSS
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(42993)	1999 TP ₂₇₀	1999 10 03	704	LINEAR	(43045)	1999 VV ₄₉	1999 11 03	704	LINEAR
(42994)	1999 TY ₂₇₃	1999 10 05	704	LINEAR	(43046)	1999 VF ₅₀	1999 11 03	704	LINEAR
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(42996)	1999 TB ₂₉₁	1999 10 10	704	LINEAR	(43048)	1999 VR ₅₉	1999 11 04	704	LINEAR
(42997)	1999 UM ₁	1999 10 18	046	Kleť	(43049)	1999 VD ₆₁	1999 11 04	704	LINEAR

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(43052)	1999 VJ ₇₁	1999 11 04	704	LINEAR	(43104)	1999 XP ₂₁	1999 12 05	704	LINEAR
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(43058)	1999 VT ₉₂	1999 11 09	704	LINEAR	(43110)	1999 XH ₂₉	1999 12 06	704	LINEAR
(43059)	1999 VF ₉₃	1999 11 09	704	LINEAR	(43111)	1999 XD ₃₀	1999 12 06	704	LINEAR
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(43061)	1999 VU ₉₃	1999 11 09	704	LINEAR	(43113)	1999 XN ₃₁	1999 12 06	704	LINEAR
(43062)	1999 VC ₁₀₃	1999 11 09	704	LINEAR	(43114)	1999 XR ₃₆	1999 12 07	678	Juels, C. W.
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(43067)	1999 VA ₁₄₀	1999 11 10	691	Spacewatch	(43119)	1999 XV ₄₄	1999 12 07	704	LINEAR
(43068)	1999 VK ₁₅₉	1999 11 14	704	LINEAR	(43120)	1999 XB ₄₉	1999 12 07	704	LINEAR
(43069)	1999 VO ₁₆₀	1999 11 14	704	LINEAR	(43121)	1999 XM ₄₉	1999 12 07	704	LINEAR
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(43071)	1999 VA ₁₇₃	1999 11 15	704	LINEAR	(43123)	1999 XT ₅₀	1999 12 07	704	LINEAR
(43072)	1999 VS ₁₇₇	1999 11 06	704	LINEAR	(43124)	1999 XJ ₅₃	1999 12 07	704	LINEAR
(43073)	1999 VP ₁₈₄	1999 11 15	704	LINEAR	(43125)	1999 XQ ₆₁	1999 12 07	704	LINEAR
(43074)	1999 VT ₁₈₈	1999 11 15	704	LINEAR	(43126)	1999 XL ₆₄	1999 12 07	704	LINEAR
(43075)	1999 VJ ₁₈₉	1999 11 15	704	LINEAR	(43127)	1999 XD ₆₈	1999 12 07	704	LINEAR
(43076)	1999 VW ₁₈₉	1999 11 15	704	LINEAR	(43128)	1999 XM ₆₈	1999 12 07	704	LINEAR
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(43078)	1999 VX ₁₉₂	1999 11 01	699	LONEOS	(43130)	1999 XZ ₆₈	1999 12 07	704	LINEAR
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(43080)	1999 VA ₁₉₈	1999 11 03	703	CSS	(43132)	1999 XO ₇₃	1999 12 07	704	LINEAR
(43081)	1999 VA ₁₉₉	1999 11 04	699	LONEOS	(43133)	1999 XK ₇₆	1999 12 07	704	LINEAR
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(43083)	1999 WR	1999 11 19	747	Cooney Jr., W. R.	(43135)	1999 XT ₈₂	1999 12 07	704	LINEAR
(43084)	1999 WQ ₁	1999 11 30	704	LINEAR	(43136)	1999 XE ₈₅	1999 12 07	704	LINEAR
(43085)	1999 WE ₂	1999 11 19	557	Kušnirák, P.	(43137)	1999 XU ₈₅	1999 12 07	704	LINEAR
(43086)	1999 WB ₇	1999 11 28	120	Korlević, K.	(43138)	1999 XJ ₈₆	1999 12 07	704	LINEAR
(43087)	1999 WW ₈	1999 11 28	143	Sposetti, S.	(43139)	1999 XM ₉₀	1999 12 07	704	LINEAR
(43088)	1999 WO ₉	1999 11 30	897	Kojima, T.	(43140)	1999 XT ₉₀	1999 12 07	704	LINEAR
(43089)	1999 WP ₁₂	1999 11 29	691	Spacewatch	(43141)	1999 XR ₉₁	1999 12 07	704	LINEAR
(43090)	1999 WF ₂₀	1999 11 16	704	LINEAR	(43142)	1999 XQ ₉₃	1999 12 07	704	LINEAR
(43091)	1999 XL ₁	1999 12 02	411	Kobayashi, T.	(43143)	1999 XA ₉₇	1999 12 07	704	LINEAR
(43092)	1999 XT ₅	1999 12 04	703	CSS	(43144)	1999 XD ₉₈	1999 12 07	704	LINEAR
(43093)	1999 XA ₇	1999 12 04	703	CSS	(43145)	1999 XT ₉₈	1999 12 07	704	LINEAR
(43094)	1999 XK ₇	1999 12 04	678	Juels, C. W.	(43146)	1999 XN ₁₀₂	1999 12 07	704	LINEAR
(43095)	1999 XF ₈	1999 12 03	411	Kobayashi, T.	(43147)	1999 XO ₁₀₅	1999 12 08	905	Shiozawa, H., Urata, T.
(43096)	1999 XL ₁₁	1999 12 05	703	CSS	(43148)	1999 XB ₁₀₆	1999 12 11	411	Kobayashi, T.
(43097)	1999 XM ₁₃	1999 12 05	704	LINEAR	(43149)	1999 XU ₁₀₇	1999 12 04	703	CSS
(43098)	1999 XD ₁₄	1999 12 05	704	LINEAR	(43150)	1999 XF ₁₀₉	1999 12 04	703	CSS
(43099)	1999 XO ₁₅	1999 12 05	120	Korlević, K.	(43151)	1999 XU ₁₁₄	1999 12 11	704	LINEAR
(43100)	1999 XV ₁₅	1999 12 06	120	Korlević, K.	(43152)	1999 XM ₁₁₅	1999 12 04	703	CSS
(43101)	1999 XX ₁₈	1999 12 03	704	LINEAR	(43153)	1999 XC ₁₁₈	1999 12 05	703	CSS

(43154)	1999	XH ₁₁₈	1999	12	05	703	CSS	(43206)	2000	AJ ₇₈	2000	01	05	704	LINEAR
(43155)	1999	XE ₁₂₀	1999	12	05	703	CSS	(43207)	2000	AJ ₇₉	2000	01	05	704	LINEAR
(43156)	1999	XF ₁₂₀	1999	12	05	703	CSS	(43208)	2000	AW ₉₈	2000	01	05	704	LINEAR
(43157)	1999	XT ₁₂₀	1999	12	05	703	CSS	(43209)	2000	AP ₁₀₁	2000	01	05	704	LINEAR
(43158)	1999	XK ₁₂₁	1999	12	05	703	CSS	(43210)	2000	AS ₁₀₁	2000	01	05	704	LINEAR
(43159)	1999	XP ₁₂₁	1999	12	05	703	CSS	(43211)	2000	AR ₁₀₅	2000	01	05	704	LINEAR
(43160)	1999	XY ₁₂₂	1999	12	07	703	CSS	(43212)	2000	AL ₁₁₃	2000	01	05	704	LINEAR
(43161)	1999	XW ₁₂₃	1999	12	07	703	CSS	(43213)	2000	AC ₁₃₂	2000	01	03	704	LINEAR
(43162)	1999	XE ₁₂₆	1999	12	07	703	CSS	(43214)	2000	AQ ₁₃₅	2000	01	04	704	LINEAR
(43163)	1999	XB ₁₂₇	1999	12	07	703	CSS	(43215)	2000	AN ₁₃₈	2000	01	05	704	LINEAR
(43164)	1999	XJ ₁₅₄	1999	12	08	704	LINEAR	(43216)	2000	AB ₁₃₉	2000	01	05	704	LINEAR
(43165)	1999	XA ₁₅₆	1999	12	08	704	LINEAR	(43217)	2000	AE ₁₃₉	2000	01	05	704	LINEAR
(43166)	1999	XO ₁₅₆	1999	12	08	704	LINEAR	(43218)	2000	AE ₁₄₃	2000	01	05	704	LINEAR
(43167)	1999	XY ₁₅₇	1999	12	08	704	LINEAR	(43219)	2000	AC ₁₅₀	2000	01	07	704	LINEAR
(43168)	1999	XO ₁₆₁	1999	12	13	704	LINEAR	(43220)	2000	AR ₁₅₀	2000	01	08	704	LINEAR
(43169)	1999	XE ₁₆₇	1999	12	10	704	LINEAR	(43221)	2000	AJ ₁₅₁	2000	01	08	704	LINEAR
(43170)	1999	XH ₁₇₁	1999	12	10	704	LINEAR	(43222)	2000	AG ₁₅₅	2000	01	03	704	LINEAR
(43171)	1999	XF ₁₇₂	1999	12	10	704	LINEAR	(43223)	2000	AE ₁₆₂	2000	01	04	704	LINEAR
(43172)	1999	XV ₁₇₂	1999	12	10	704	LINEAR	(43224)	2000	AP ₁₆₅	2000	01	08	704	LINEAR
(43173)	1999	XK ₁₇₇	1999	12	10	704	LINEAR	(43225)	2000	AW ₁₆₅	2000	01	08	704	LINEAR
(43174)	1999	XF ₁₈₀	1999	12	10	704	LINEAR	(43226)	2000	AM ₁₆₆	2000	01	08	704	LINEAR
(43175)	1999	XY ₁₈₉	1999	12	12	704	LINEAR	(43227)	2000	AR ₁₆₆	2000	01	08	704	LINEAR
(43176)	1999	XM ₁₉₆	1999	12	12	704	LINEAR	(43228)	2000	AH ₁₆₉	2000	01	07	704	LINEAR
(43177)	1999	XQ ₁₉₈	1999	12	12	704	LINEAR	(43229)	2000	AD ₁₇₄	2000	01	07	704	LINEAR
(43178)	1999	XH ₂₀₁	1999	12	12	704	LINEAR	(43230)	2000	AX ₁₇₅	2000	01	07	704	LINEAR
(43179)	1999	XL ₂₀₄	1999	12	12	704	LINEAR	(43231)	2000	AU ₁₇₇	2000	01	07	704	LINEAR
(43180)	1999	XT ₂₀₆	1999	12	12	704	LINEAR	(43232)	2000	AH ₁₇₈	2000	01	07	704	LINEAR
(43181)	1999	XY ₂₀₆	1999	12	12	704	LINEAR	(43233)	2000	AQ ₁₇₉	2000	01	07	704	LINEAR
(43182)	1999	XG ₂₁₂	1999	12	14	704	LINEAR	(43234)	2000	AN ₁₈₆	2000	01	08	704	LINEAR
(43183)	1999	XK ₂₁₃	1999	12	14	704	LINEAR	(43235)	2000	AX ₁₉₇	2000	01	08	704	LINEAR
(43184)	1999	XD ₂₁₄	1999	12	14	704	LINEAR	(43236)	2000	AB ₁₉₉	2000	01	08	704	LINEAR
(43185)	1999	XK ₂₂₂	1999	12	15	704	LINEAR	(43237)	2000	AB ₂₀₄	2000	01	06	557	Kušnirák, P.
(43186)	1999	XQ ₂₃₀	1999	12	07	699	LONEOS	(43238)	2000	AT ₂₃₃	2000	01	05	704	LINEAR
(43187)	1999	XF ₂₃₃	1999	12	02	699	LONEOS	(43239)	2000	AK ₂₃₈	2000	01	06	691	Spacewatch
(43188)	1999	XP ₂₃₄	1999	12	03	699	LONEOS	(43240)	2000	AP ₂₄₀	2000	01	07	704	LINEAR
(43189)	1999	XR ₂₄₀	1999	12	07	704	LINEAR	(43241)	2000	AB ₂₄₄	2000	01	08	704	LINEAR
(43190)	1999	XR ₂₄₁	1999	12	13	699	LONEOS	(43242)	2000	AK ₂₄₄	2000	01	08	699	LONEOS
(43191)	1999	YM ₅	1999	12	29	106	Crni Vrh	(43243)	2000	AB ₂₅₃	2000	01	07	691	Spacewatch
(43192)	1999	YG ₁₃	1999	12	30	699	LONEOS	(43244)	2000	AR ₂₅₃	2000	01	07	691	Spacewatch
(43193)	2000	AW ₄	2000	01	01	104	Tesi, L., Boattini, A.	(43245)	2000	BB ₁₅	2000	01	31	411	Kobayashi, T.
(43194)	2000	AJ ₆	2000	01	04	684	Comba, P. G.	(43246)	2000	BB ₁₈	2000	01	30	704	LINEAR
(43195)	2000	AP ₁₃	2000	01	03	704	LINEAR	(43247)	2000	BV ₂₅	2000	01	30	704	LINEAR
(43196)	2000	AH ₃₂	2000	01	03	704	LINEAR	(43248)	2000	BD ₂₆	2000	01	29	691	Spacewatch
(43197)	2000	AU ₄₄	2000	01	05	691	Spacewatch	(43249)	2000	BQ ₂₉	2000	01	29	704	LINEAR
(43198)	2000	AD ₆₂	2000	01	04	704	LINEAR	(43250)	2000	CG ₃	2000	02	02	704	LINEAR
(43199)	2000	AJ ₆₈	2000	01	05	704	LINEAR	(43251)	2000	CX ₄	2000	02	02	704	LINEAR
(43200)	2000	AO ₆₈	2000	01	05	704	LINEAR	(43252)	2000	CB ₁₀	2000	02	02	704	LINEAR
(43201)	2000	AT ₆₉	2000	01	05	704	LINEAR	(43253)	2000	CY ₁₈	2000	02	02	704	LINEAR
(43202)	2000	AQ ₇₀	2000	01	05	704	LINEAR	(43254)	2000	CE ₃₅	2000	02	02	704	LINEAR
(43203)	2000	AV ₇₀	2000	01	05	704	LINEAR	(43255)	2000	CT ₆₂	2000	02	02	704	LINEAR
(43204)	2000	AA ₇₁	2000	01	05	704	LINEAR	(43256)	2000	CF ₈₂	2000	02	04	704	LINEAR
(43205)	2000	AV ₇₂	2000	01	05	704	LINEAR	(43257)	2000	CO ₈₇	2000	02	04	704	LINEAR

(43258)	2000 CH ₉₁	2000 02 06	704	LINEAR	(43310)	2000 HN ₃₇	2000 04 28	704	LINEAR
(43259)	2000 CK ₁₀₄	2000 02 08	327	BAO Schmidt CCD Asteroid Program	(43311)	2000 HH ₅₅	2000 04 29	704	LINEAR
(43260)	2000 CV ₁₁₆	2000 02 03	704	LINEAR	(43312)	2000 HB ₆₈	2000 04 27	704	LINEAR
(43261)	2000 DF ₃	2000 02 27	411	Kobayashi, T.	(43313)	2000 JW	2000 05 01	704	LINEAR
(43262)	2000 DL ₄	2000 02 28	704	LINEAR	(43314)	2000 JC ₁₂	2000 05 05	704	LINEAR
(43263)	2000 DM ₁₉	2000 02 29	704	LINEAR	(43315)	2000 JB ₁₈	2000 05 06	704	LINEAR
(43264)	2000 DZ ₅₂	2000 02 29	704	LINEAR	(43316)	2000 JV ₁₉	2000 05 06	704	LINEAR
(43265)	2000 DX ₅₄	2000 02 29	704	LINEAR	(43317)	2000 JY ₂₁	2000 05 06	704	LINEAR
(43266)	2000 DZ ₈₃	2000 02 28	704	LINEAR	(43318)	2000 JO ₃₇	2000 05 07	704	LINEAR
(43267)	2000 DL ₈₄	2000 02 28	704	LINEAR	(43319)	2000 JA ₃₈	2000 05 07	704	LINEAR
(43268)	2000 DP ₉₃	2000 02 28	704	LINEAR	(43320)	2000 JG ₄₄	2000 05 07	704	LINEAR
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(43270)	2000 ED ₉	2000 03 03	704	LINEAR	(43322)	2000 JQ ₆₉	2000 05 02	704	LINEAR
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(43273)	2000 EL ₄₁	2000 03 08	704	LINEAR	(43325)	2000 KY ₅₀	2000 05 29	704	LINEAR
(43274)	2000 ER ₅₆	2000 03 08	704	LINEAR	(43326)	2000 KH ₇₃	2000 05 28	699	LONEOS
(43275)	2000 ED ₉₅	2000 03 09	704	LINEAR	(43327)	2000 LH ₃	2000 06 04	704	LINEAR
(43276)	2000 EE ₉₅	2000 03 09	704	LINEAR	(43328)	2000 OU ₁₅	2000 07 23	704	LINEAR
(43277)	2000 EZ ₉₆	2000 03 10	704	LINEAR	(43329)	2000 OU ₂₅	2000 07 23	704	LINEAR
(43278)	2000 ES ₁₀₉	2000 03 08	608	JPL/NEAT	(43330)	2000 OQ ₃₀	2000 07 30	704	LINEAR
(43279)	2000 EY ₁₁₂	2000 03 09	704	LINEAR	(43331)	2000 PS ₆	2000 08 03	704	LINEAR
(43280)	2000 EY ₁₃₁	2000 03 11	699	LONEOS	(43332)	2000 QG ₆	2000 08 24	120	Korlević, K., Jurić, M.
(43281)	2000 EL ₁₃₇	2000 03 07	704	LINEAR	(43333)	2000 QY ₆₄	2000 08 28	704	LINEAR
(43282)	2000 EB ₁₄₀	2000 03 14	703	CSS	(43334)	2000 QM ₁₁₇	2000 08 28	704	LINEAR
(43283)	2000 EC ₁₄₃	2000 03 03	703	CSS	(43335)	2000 QX ₁₂₇	2000 08 24	704	LINEAR
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(43285)	2000 ED ₁₅₆	2000 03 09	704	LINEAR	(43337)	2000 RG ₉	2000 09 01	704	LINEAR
(43286)	2000 EA ₁₅₈	2000 03 12	699	LONEOS	(43338)	2000 RA ₁₀	2000 09 01	704	LINEAR
(43287)	2000 FJ ₃	2000 03 28	704	LINEAR	(43339)	2000 RM ₁₀	2000 09 01	704	LINEAR
(43288)	2000 FB ₁₆	2000 03 28	704	LINEAR	(43340)	2000 RX ₄₆	2000 09 03	704	LINEAR
(43289)	2000 FE ₄₄	2000 03 29	704	LINEAR	(43341)	2000 RK ₆₂	2000 09 01	704	LINEAR
(43290)	2000 FV ₄₈	2000 03 30	704	LINEAR	(43342)	2000 RO ₆₇	2000 09 01	704	LINEAR
(43291)	2000 FY ₄₈	2000 03 30	704	LINEAR	(43343)	2000 RY ₈₁	2000 09 01	704	LINEAR
(43292)	2000 FP ₄₉	2000 03 30	704	LINEAR	(43344)	2000 RR ₈₅	2000 09 02	699	LONEOS
(43293)	2000 GU ₁	2000 04 01	428	Broughton, J.	(43345)	2000 RB ₈₈	2000 09 02	608	JPL/NEAT
(43294)	2000 GY ₄	2000 04 02	704	LINEAR	(43346)	2000 RT ₁₀₃	2000 09 06	704	LINEAR
(43295)	2000 GZ ₃₅	2000 04 05	704	LINEAR	(43347)	2000 SM ₅₂	2000 09 23	704	LINEAR
(43296)	2000 GM ₅₃	2000 04 05	704	LINEAR	(43348)	2000 SK ₁₀₈	2000 09 24	704	LINEAR
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(43298)	2000 GL ₆₇	2000 04 05	704	LINEAR	(43350)	2000 SG ₁₆₁	2000 09 27	704	LINEAR
(43299)	2000 GD ₇₃	2000 04 05	704	LINEAR	(43351)	2000 SX ₁₆₉	2000 09 24	704	LINEAR
(43300)	2000 GZ ₈₇	2000 04 04	704	LINEAR	(43352)	2000 SH ₂₆₅	2000 09 26	704	LINEAR
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(43302)	2000 GE ₁₁₄	2000 04 07	704	LINEAR	(43354)	2000 SZ ₂₇₈	2000 09 30	704	LINEAR
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(43304)	2000 GZ ₁₃₃	2000 04 07	704	LINEAR	(43356)	2000 TJ ₂₉	2000 10 03	704	LINEAR
(43305)	2000 GH ₁₄₂	2000 04 07	699	LONEOS	(43357)	2000 UM ₁₉	2000 10 24	704	LINEAR
(43306)	2000 GW ₁₅₇	2000 04 07	704	LINEAR	(43358)	2000 UQ ₃₂	2000 10 29	691	Spacewatch
(43307)	2000 HU ₂₁	2000 04 28	704	LINEAR	(43359)	2000 UF ₄₁	2000 10 24	704	LINEAR
(43308)	2000 HY ₂₆	2000 04 27	704	LINEAR	(43360)	2000 UU ₄₉	2000 10 24	704	LINEAR
(43309)	2000 HH ₃₄	2000 04 25	699	LONEOS	(43361)	2000 UA ₅₀	2000 10 24	704	LINEAR

(43362)	2000 VK ₂	2000 11 01	704	LINEAR	(43414)	2000 WS ₁₆₈	2000 11 25	699	LONEOS
(43363)	2000 VG ₃₅	2000 11 01	704	LINEAR	(43415)	2000 WW ₁₆₈	2000 11 25	699	LONEOS
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(43365)	2000 VA ₃₆	2000 11 01	704	LINEAR	(43417)	2000 WE ₁₆₉	2000 11 25	699	LONEOS
(43366)	2000 VZ ₃₇	2000 11 01	704	LINEAR	(43418)	2000 XP ₇	2000 12 01	704	LINEAR
(43367)	2000 VL ₄₇	2000 11 03	704	LINEAR	(43419)	2000 XK ₁₁	2000 12 01	704	LINEAR
(43368)	2000 VZ ₆₂	2000 11 14	699	LONEOS	(43420)	2000 XR ₂₂	2000 12 04	704	LINEAR
(43369)	2000 WP ₃	2000 11 17	704	LINEAR	(43421)	2000 XN ₂₇	2000 12 04	704	LINEAR
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(43372)	2000 WO ₁₅	2000 11 20	704	LINEAR	(43424)	2000 YF ₅	2000 12 20	704	LINEAR
(43373)	2000 WC ₁₇	2000 11 21	704	LINEAR	(43425)	2000 YC ₆	2000 12 20	704	LINEAR
(43374)	2000 WT ₃₃	2000 11 20	704	LINEAR	(43426)	2000 YD ₆	2000 12 20	704	LINEAR
(43375)	2000 WE ₃₆	2000 11 20	704	LINEAR	(43427)	2000 YS ₁₂	2000 12 23	919	Yeung, W. K. Y.
(43376)	2000 WV ₃₆	2000 11 20	704	LINEAR	(43428)	2000 YT ₁₇	2000 12 28	300	BATTeRS
(43377)	2000 WF ₄₁	2000 11 20	704	LINEAR	(43429)	2000 YU ₁₉	2000 12 22	608	JPL/NEAT
(43378)	2000 WM ₄₃	2000 11 21	704	LINEAR	(43430)	2000 YA ₂₃	2000 12 28	691	Spacewatch
(43379)	2000 WN ₄₃	2000 11 21	704	LINEAR	(43431)	2000 YZ ₃₂	2000 12 30	704	LINEAR
(43380)	2000 WJ ₄₄	2000 11 21	704	LINEAR	(43432)	2000 YL ₃₅	2000 12 30	704	LINEAR
(43381)	2000 WQ ₄₇	2000 11 21	704	LINEAR	(43433)	2000 YW ₃₅	2000 12 30	704	LINEAR
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(43385)	2000 WQ ₅₄	2000 11 20	704	LINEAR	(43437)	2000 YL ₄₇	2000 12 30	704	LINEAR
(43386)	2000 WJ ₅₇	2000 11 21	704	LINEAR	(43438)	2000 YP ₄₉	2000 12 30	704	LINEAR
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(43388)	2000 WA ₆₁	2000 11 21	704	LINEAR	(43440)	2000 YT ₆₀	2000 12 30	704	LINEAR
(43389)	2000 WP ₆₁	2000 11 21	704	LINEAR	(43441)	2000 YS ₆₁	2000 12 30	704	LINEAR
(43390)	2000 WF ₆₂	2000 11 26	704	LINEAR	(43442)	2000 YX ₆₂	2000 12 30	704	LINEAR
(43391)	2000 WT ₆₂	2000 11 28	678	Juels, C. W.	(43443)	2000 YY ₆₂	2000 12 30	704	LINEAR
(43392)	2000 WF ₈₆	2000 11 20	704	LINEAR	(43444)	2000 YC ₇₂	2000 12 30	704	LINEAR
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(43394)	2000 WM ₈₇	2000 11 20	704	LINEAR	(43446)	2000 YB ₇₅	2000 12 30	704	LINEAR
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(43396)	2000 WN ₈₉	2000 11 21	704	LINEAR	(43448)	2000 YM ₇₉	2000 12 30	704	LINEAR
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(43400)	2000 WE ₉₇	2000 11 21	704	LINEAR	(43452)	2000 YE ₉₉	2000 12 30	704	LINEAR
(43401)	2000 WE ₁₁₆	2000 11 20	704	LINEAR	(43453)	2000 YT ₁₀₀	2000 12 31	608	JPL/NEAT
(43402)	2000 WO ₁₁₇	2000 11 20	704	LINEAR	(43454)	2000 YD ₁₀₂	2000 12 28	704	LINEAR
(43403)	2000 WY ₁₂₂	2000 11 29	704	LINEAR	(43455)	2000 YG ₁₀₃	2000 12 28	704	LINEAR
(43404)	2000 WT ₁₂₆	2000 11 16	691	Spacewatch	(43456)	2000 YG ₁₁₇	2000 12 30	704	LINEAR
(43405)	2000 WX ₁₂₉	2000 11 19	704	LINEAR	(43457)	2000 YF ₁₁₈	2000 12 30	704	LINEAR
(43406)	2000 WR ₁₃₅	2000 11 19	704	LINEAR	(43458)	2000 YF ₁₁₉	2000 12 30	704	LINEAR
(43407)	2000 WX ₁₃₅	2000 11 20	704	LINEAR	(43459)	2000 YB ₁₂₂	2000 12 28	691	Spacewatch
(43408)	2000 WW ₁₃₇	2000 11 20	704	LINEAR	(43460)	2000 YM ₁₂₃	2000 12 28	704	LINEAR
(43409)	2000 WY ₁₄₇	2000 11 28	691	Spacewatch	(43461)	2000 YL ₁₂₈	2000 12 29	608	JPL/NEAT
(43410)	2000 WB ₁₄₈	2000 11 28	691	Spacewatch	(43462)	2001 AV	2001 01 02	411	Kobayashi, T.
(43411)	2000 WN ₁₅₃	2000 11 29	704	LINEAR	(43463)	2001 AN ₅	2001 01 02	704	LINEAR
(43412)	2000 WH ₁₅₈	2000 11 30	704	LINEAR	(43464)	2001 AA ₉	2001 01 02	704	LINEAR
(43413)	2000 WJ ₁₅₈	2000 11 30	704	LINEAR	(43465)	2001 AV ₁₀	2001 01 02	704	LINEAR

(43466)	2001 AV ₁₄	2001 01 02	704	LINEAR	(43518)	2001 DQ ₁₅	2001 02 16	704	LINEAR
(43467)	2001 AD ₁₅	2001 01 02	704	LINEAR	(43519)	2001 DP ₁₆	2001 02 16	704	LINEAR
(43468)	2001 AU ₂₈	2001 01 04	704	LINEAR	(43520)	2001 DM ₁₇	2001 02 16	704	LINEAR
(43469)	2001 AP ₂₉	2001 01 04	704	LINEAR	(43521)	2001 DU ₁₉	2001 02 16	704	LINEAR
(43470)	2001 AN ₃₁	2001 01 04	704	LINEAR	(43522)	2001 DX ₂₀	2001 02 16	704	LINEAR
(43471)	2001 AH ₃₂	2001 01 04	704	LINEAR	(43523)	2001 DJ ₂₂	2001 02 16	704	LINEAR
(43472)	2001 AH ₃₃	2001 01 04	704	LINEAR	(43524)	2001 DQ ₃₀	2001 02 17	704	LINEAR
(43473)	2001 AY ₃₃	2001 01 04	704	LINEAR	(43525)	2001 DR ₃₂	2001 02 17	704	LINEAR
(43474)	2001 AE ₄₀	2001 01 03	699	LONEOS	(43526)	2001 DD ₃₇	2001 02 19	704	LINEAR
(43475)	2001 AY ₄₀	2001 01 03	699	LONEOS	(43527)	2001 DS ₅₁	2001 02 16	704	LINEAR
(43476)	2001 AD ₄₂	2001 01 03	608	JPL/NEAT	(43528)	2001 DZ ₅₉	2001 02 19	704	LINEAR
(43477)	2001 BX ₇	2001 01 19	704	LINEAR	(43529)	2001 DF ₆₅	2001 02 19	704	LINEAR
(43478)	2001 BH ₉	2001 01 19	704	LINEAR	(43530)	2001 DN ₆₉	2001 02 19	704	LINEAR
(43479)	2001 BG ₁₅	2001 01 21	411	Kobayashi, T.	(43531)	2001 DC ₇₁	2001 02 19	704	LINEAR
(43480)	2001 BO ₁₅	2001 01 21	411	Kobayashi, T.	(43532)	2001 DX ₇₂	2001 02 19	704	LINEAR
(43481)	2001 BC ₁₇	2001 01 18	704	LINEAR	(43533)	2001 DE ₇₄	2001 02 19	704	LINEAR
(43482)	2001 BW ₃₂	2001 01 20	704	LINEAR	(43534)	2001 DZ ₇₈	2001 02 16	704	LINEAR
(43483)	2001 BO ₃₈	2001 01 24	732	Roe, J. M.	(43535)	2001 DE ₉₇	2001 02 17	704	LINEAR
(43484)	2001 BF ₄₃	2001 01 19	704	LINEAR	(43536)	2001 DS ₁₀₇	2001 02 22	691	Spacewatch
(43485)	2001 BN ₄₃	2001 01 19	704	LINEAR	(43537)	2001 EF ₂	2001 03 01	704	LINEAR
(43486)	2001 BW ₅₆	2001 01 19	691	Spacewatch	(43538)	2001 EJ ₆	2001 03 02	699	LONEOS
(43487)	2001 BJ ₆₀	2001 01 29	411	Kobayashi, T.	(43539)	2001 EF ₁₂	2001 03 03	704	LINEAR
(43488)	2001 BC ₆₂	2001 01 26	704	LINEAR	(43540)	2001 EY ₁₃	2001 03 15	704	LINEAR
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(43490)	2001 CL	2001 02 02	120	Korlević, K.	(43542)	2001 EC ₂₇	2001 03 02	699	LONEOS
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(43492)	2001 CV	2001 02 01	704	LINEAR	(43544)	2001 FM ₃	2001 03 18	704	LINEAR
(43493)	2001 CV ₁	2001 02 01	704	LINEAR	(43545)	2001 FL ₅	2001 03 18	704	LINEAR
(43494)	2001 CJ ₄	2001 02 01	704	LINEAR	(43546)	2001 FJ ₈	2001 03 18	704	LINEAR
(43495)	2001 CJ ₇	2001 02 01	704	LINEAR	(43547)	2001 FU ₁₀	2001 03 19	699	LONEOS
(43496)	2001 CF ₁₆	2001 02 01	704	LINEAR	(43548)	2001 FP ₁₁	2001 03 19	699	LONEOS
(43497)	2001 CY ₁₇	2001 02 02	704	LINEAR	(43549)	2001 FN ₁₆	2001 03 19	699	LONEOS
(43498)	2001 CT ₁₉	2001 02 02	704	LINEAR	(43550)	2001 FS ₂₄	2001 03 17	704	LINEAR
(43499)	2001 CY ₁₉	2001 02 03	684	Comba, P. G.	(43551)	2001 FY ₂₈	2001 03 19	704	LINEAR
(43500)	2001 CP ₂₂	2001 02 01	699	LONEOS	(43552)	2001 FT ₃₄	2001 03 18	704	LINEAR
(43501)	2001 CW ₂₂	2001 02 01	699	LONEOS	(43553)	2001 FT ₃₉	2001 03 18	704	LINEAR
(43502)	2001 CY ₂₈	2001 02 02	699	LONEOS	(43554)	2001 FW ₄₄	2001 03 18	704	LINEAR
(43503)	2001 CK ₂₉	2001 02 02	699	LONEOS	(43555)	2001 FJ ₆₀	2001 03 19	704	LINEAR
(43504)	2001 CF ₃₃	2001 02 13	704	LINEAR	(43556)	2001 FK ₆₀	2001 03 19	704	LINEAR
(43505)	2001 CK ₃₃	2001 02 13	704	LINEAR	(43557)	2001 FA ₆₁	2001 03 19	704	LINEAR
(43506)	2001 CE ₃₆	2001 02 15	411	Kobayashi, T.	(43558)	2001 FW ₆₂	2001 03 19	704	LINEAR
(43507)	2001 CN ₃₉	2001 02 13	704	LINEAR	(43559)	2001 FU ₆₄	2001 03 19	704	LINEAR
(43508)	2001 CV ₄₀	2001 02 15	704	LINEAR	(43560)	2001 FX ₆₄	2001 03 19	704	LINEAR
(43509)	2001 CY ₄₄	2001 02 15	704	LINEAR	(43561)	2001 FD ₈₀	2001 03 21	704	LINEAR
(43510)	2001 CG ₄₆	2001 02 15	704	LINEAR	(43562)	2001 FE ₉₇	2001 03 16	704	LINEAR
(43511)	2001 CP ₄₈	2001 02 11	209	Asiago-DLR Asteroid Survey	(43563)	2001 FB ₁₀₂	2001 03 17	704	LINEAR
(43512)	2001 CL ₄₉	2001 02 02	699	LONEOS	(43564)	2001 FG ₁₀₈	2001 03 18	704	LINEAR
(43513)	2001 DG ₄	2001 02 16	704	LINEAR	(43565)	2001 FC ₁₁₀	2001 03 18	704	LINEAR
(43514)	2001 DO ₅	2001 02 16	704	LINEAR	(43566)	2001 FQ ₁₁₆	2001 03 19	704	LINEAR
(43515)	2001 DS ₁₁	2001 02 17	704	LINEAR	(43567)	2001 FL ₁₂₀	2001 03 26	704	LINEAR
(43516)	2001 DH ₁₂	2001 02 17	704	LINEAR	(43568)	2001 FV ₁₃₄	2001 03 21	699	LONEOS
(43517)	2001 DO ₁₃	2001 02 19	411	Kobayashi, T.	(43569)	2001 FY ₁₄₂	2001 03 23	608	JPL/NEAT

(43570)	2001 FQ ₁₅₀	2001 03 24	699	LONEOS	(43622)	2002 CW ₁₂₈	2002 02 07	704	LINEAR
(43571)	2001 FD ₁₆₅	2001 03 19	699	LONEOS	(43623)	2002 CM ₁₃₈	2002 02 08	704	LINEAR
(43572)	2001 FH ₁₆₇	2001 03 19	704	LINEAR	(43624)	2002 CY ₁₄₆	2002 02 09	704	LINEAR
(43573)	2001 FC ₁₆₉	2001 03 23	699	LONEOS	(43625)	2002 CE ₁₆₈	2002 02 08	704	LINEAR
(43574)	2001 FU ₁₉₂	2001 03 26	695	Buie, M. W.	(43626)	2002 CV ₁₆₈	2002 02 08	704	LINEAR
(43575)	2001 GQ ₆	2001 04 14	608	JPL/NEAT	(43627)	2002 CL ₂₂₄	2002 02 11	704	LINEAR
(43576)	2001 HO ₂₈	2001 04 27	704	LINEAR	(43628)	2002 CA ₂₃₄	2002 02 11	704	LINEAR
(43577)	2001 HH ₃₆	2001 04 29	704	LINEAR	(43629)	2002 CG ₂₃₄	2002 02 07	691	Spacewatch
(43578)	2001 KD ₁₅	2001 05 18	704	LINEAR	(43630)	2002 CZ ₂₃₅	2002 02 13	644	JPL/GEODSS NEAT
(43579)	2001 KW ₂₆	2001 05 17	704	LINEAR	(43631)	2002 CS ₂₃₆	2002 02 08	704	LINEAR
(43580)	2001 KQ ₃₇	2001 05 22	704	LINEAR	(43632)	2002 CQ ₂₄₄	2002 02 11	704	LINEAR
(43581)	2001 KS ₅₂	2001 05 18	699	LONEOS	(43633)	2002 CX ₂₄₇	2002 02 15	704	LINEAR
(43582)	2001 KO ₅₉	2001 05 26	704	LINEAR	(43634)	2002 EA ₁₀	2002 03 14	704	LINEAR
(43583)	2001 KR ₅₉	2001 05 26	704	LINEAR	(43635)	2002 EP ₁₉	2002 03 09	644	JPL/GEODSS NEAT
(43584)	2001 KW ₆₆	2001 05 30	704	LINEAR	(43636)	2002 EC ₂₂	2002 03 10	608	JPL/NEAT
(43585)	2001 LZ ₁₈	2001 06 15	704	LINEAR	(43637)	2002 EW ₂₈	2002 03 09	704	LINEAR
(43586)	2001 OD ₂₆	2001 07 19	608	JPL/NEAT	(43638)	2002 EU ₃₀	2002 03 09	704	LINEAR
(43587)	2001 PA ₁₀	2001 08 08	608	JPL/NEAT	(43639)	2002 EZ ₃₀	2002 03 09	704	LINEAR
(43588)	2001 PL ₁₄	2001 08 14	428	Broughton, J.	(43640)	2002 EF ₃₃	2002 03 11	644	JPL/GEODSS NEAT
(43589)	2001 QW	2001 08 16	704	LINEAR	(43641)	2002 EG ₄₀	2002 03 09	704	LINEAR
(43590)	2001 QD ₂	2001 08 16	704	LINEAR	(43642)	2002 EA ₄₁	2002 03 09	704	LINEAR
(43591)	2001 QX ₅₅	2001 08 16	704	LINEAR	(43643)	2002 EO ₅₁	2002 03 12	691	Spacewatch
(43592)	2001 QC ₇₂	2001 08 20	916	Wolfe, C.	(43644)	2002 EU ₆₅	2002 03 13	704	LINEAR
(43593)	2001 QR ₇₃	2001 08 16	704	LINEAR	(43645)	2002 EM ₇₃	2002 03 13	704	LINEAR
(43594)	2001 QP ₁₀₁	2001 08 18	704	LINEAR	(43646)	2002 ER ₇₃	2002 03 13	704	LINEAR
(43595)	2001 QT ₁₀₁	2001 08 18	704	LINEAR	(43647)	2002 EU ₇₄	2002 03 13	704	LINEAR
(43596)	2001 QK ₁₂₆	2001 08 20	704	LINEAR	(43648)	2002 EY ₇₆	2002 03 11	691	Spacewatch
(43597)	2001 QT ₁₆₃	2001 08 31	333	Yeung, W. K. Y.	(43649)	2002 EE ₈₇	2002 03 09	704	LINEAR
(43598)	2001 QY ₁₉₅	2001 08 22	704	LINEAR	(43650)	2002 EF ₈₇	2002 03 09	704	LINEAR
(43599)	2001 QS ₂₅₆	2001 08 25	704	LINEAR	(43651)	2002 EU ₈₇	2002 03 09	704	LINEAR
(43600)	2001 RG ₂₂	2001 09 07	704	LINEAR	(43652)	2002 EQ ₈₈	2002 03 09	704	LINEAR
(43601)	2001 SU ₁₄₈	2001 09 17	704	LINEAR	(43653)	2002 EJ ₉₂	2002 03 13	704	LINEAR
(43602)	2001 SA ₃₁₆	2001 09 25	704	LINEAR	(43654)	2002 EE ₉₈	2002 03 12	704	LINEAR
(43603)	2001 UQ ₁₃	2001 10 24	333	Yeung, W. K. Y.	(43655)	2002 EC ₉₉	2002 03 15	704	LINEAR
(43604)	2001 VN ₁₂	2001 11 10	704	LINEAR	(43656)	2002 ER ₁₀₄	2002 03 09	704	LINEAR
(43605)	2001 WD ₁₆	2001 11 25	300	BATTeRS	(43657)	2002 ES ₁₁₀	2002 03 09	703	CSS
(43606)	2001 XQ ₂	2001 12 08	704	LINEAR	(43658)	2002 FV	2002 03 18	333	Yeung, W. K. Y.
(43607)	2001 XO ₄₈	2001 12 10	704	LINEAR	(43659)	2002 FJ ₁	2002 03 18	333	Yeung, W. K. Y.
(43608)	2001 XM ₆₀	2001 12 10	704	LINEAR	(43660)	2002 FQ ₂	2002 03 19	333	Yeung, W. K. Y.
(43609)	2001 XA ₆₉	2001 12 11	704	LINEAR	(43661)	2002 FY ₂	2002 03 19	333	Yeung, W. K. Y.
(43610)	2001 XT ₁₈₆	2001 12 14	704	LINEAR	(43662)	2002 FP ₈	2002 03 16	704	LINEAR
(43611)	2002 AV ₁₂₈	2002 01 14	333	Yeung, W. K. Y.	(43663)	2002 FS ₁₀	2002 03 17	704	LINEAR
(43612)	2002 AQ ₁₆₀	2002 01 13	704	LINEAR	(43664)	2002 FR ₁₃	2002 03 16	699	LONEOS
(43613)	2002 AH ₁₇₇	2002 01 14	704	LINEAR	(43665)	2002 FM ₂₂	2002 03 19	704	LINEAR
(43614)	2002 AT ₁₈₇	2002 01 08	608	JPL/NEAT	(43666)	2002 FX ₃₃	2002 03 20	699	LONEOS
(43615)	2002 AQ ₁₉₃	2002 01 12	704	LINEAR	(43667)	2002 GO ₁	2002 04 04	608	JPL/NEAT
(43616)	2002 CH ₃₀	2002 02 06	704	LINEAR	(43668)	2002 GH ₇	2002 04 14	333	Yeung, W. K. Y.
(43617)	2002 CL ₄₃	2002 02 12	678	Juels, C. W., Holvorcem, P. R.	(43669)	2002 GA ₁₀	2002 04 15	151	Greisser, M.
(43618)	2002 CZ ₅₅	2002 02 07	704	LINEAR	(43670)	2002 GA ₁₃	2002 04 14	704	LINEAR
(43619)	2002 CR ₆₆	2002 02 07	704	LINEAR	(43671)	2002 GN ₁₆	2002 04 15	704	LINEAR
(43620)	2002 CG ₇₉	2002 02 07	704	LINEAR	(43672)	2002 GC ₁₇	2002 04 15	704	LINEAR
(43621)	2002 CK ₁₁₇	2002 02 09	699	LONEOS	(43673)	2002 GO ₁₇	2002 04 15	704	LINEAR

					Object	H	M	ω	Ω	i	e	a	MPO
(43674)	2002 GP ₁₉	2002 04 14	704	LINEAR	(42464)	15.5	310.70982	143.74043	164.43743	4.16003	0.1490121	2.5533050	30777
(43675)	2002 GM ₂₀	2002 04 14	704	LINEAR	(42465)	15.5	98.35587	258.69769	229.46085	1.58423	0.1441462	2.3748613	30777
(43676)	2002 GP ₂₂	2002 04 14	608	JPL/NEAT	(42466)	15.4	288.46379	12.58620	325.24300	1.56735	0.2139084	2.5921248	30777
(43677)	2002 HN	2002 04 16	333	Yeung, W. K. Y.	(42467)	14.1	175.31919	72.34459	62.49077	12.17811	0.1339700	2.5876787	30778
(43678)	2002 HP	2002 04 16	333	Yeung, W. K. Y.	(42468)	15.4	265.42211	334.49334	16.51642	1.31462	0.1868280	2.2379896	30778
(43679)	2002 HJ ₄	2002 04 16	704	LINEAR	(42469)	15.8	319.92652	72.61483	254.59387	5.22212	0.2195285	2.2551105	30778
(43680)	2002 HE ₇	2002 04 18	333	Yeung, W. K. Y.	(42470)	15.6	257.55665	140.56030	217.90003	7.96873	0.1960532	2.2632135	30779
(43681)	2002 JG ₂	2002 05 04	333	Yeung, W. K. Y.	(42471)	16.0	351.35434	292.56897	316.45813	3.11387	0.1438890	2.5689216	30779
(43682)	2002 JB ₇	2002 05 03	644	JPL/GEODSS NEAT	(42472)	15.9	77.82106	339.22748	171.90871	3.37391	0.1102971	2.2760374	30779
(43683)	2002 JF ₁₂	2002 05 04	333	Yeung, W. K. Y.	(42473)	16.3	17.50456	32.90622	185.96365	5.11576	0.1075812	2.2805318	30780
(43684)	2002 JZ ₂₄	2002 05 08	704	LINEAR	(42474)	16.6	10.18039	321.17595	282.91358	0.74505	0.1976151	2.2765123	30780
(43685)	2002 JK ₂₆	2002 05 08	704	LINEAR	(42475)	15.5	56.72956	236.71150	287.31134	3.12889	0.0589847	2.2823854	30780
(43686)	2002 JS ₄₁	2002 05 08	704	LINEAR	(42476)	14.3	238.83977	103.71766	248.66157	8.72713	0.1062685	2.9626664	30780
(43687)	2002 JF ₅₉	2002 05 09	704	LINEAR	(42477)	14.3	315.72253	209.30155	138.98387	3.48421	0.2775758	3.0458389	30781
(43688)	2002 JN ₇₀	2002 05 08	704	LINEAR	(42478)	13.5	234.97198	104.58501	270.81050	12.14429	0.2074643	2.6809122	30781
(43689)	2002 JY ₇₁	2002 05 08	704	LINEAR	(42479)	12.8	286.31123	270.16999	67.54787	6.55239	0.1192596	2.6737484	30781
(43690)	2002 JQ ₇₂	2002 05 08	704	LINEAR	(42480)	14.7	339.80902	119.81256	182.80087	12.11833	0.2818985	2.6474710	30782
(43691)	2002 JA ₇₆	2002 05 11	704	LINEAR	(42481)	14.9	226.68704	177.70395	192.71579	8.73047	0.0075954	2.6801945	30782
(43692)	2160 P-L	1960 09 24	675	van Houten & Gehrels	(42482)	15.7	241.13296	11.06487	7.64677	2.45911	0.2299714	2.3839154	30782
(43693)	2731 P-L	1960 09 24	675	van Houten & Gehrels	(42483)	14.4	16.21658	162.01397	239.34813	9.82022	0.2394887	2.4322569	30783
(43694)	2846 P-L	1960 09 24	675	van Houten & Gehrels	(42484)	15.8	198.04942	222.05899	176.49704	2.53345	0.1659359	2.2050656	30783
(43695)	4079 P-L	1960 09 24	675	van Houten & Gehrels	(42485)	16.5	63.32597	27.13276	113.42283	1.67846	0.2242574	2.3104762	30783
(43696)	4159 P-L	1960 09 24	675	van Houten & Gehrels	(42486)	15.6	45.00651	347.17193	196.98171	5.26623	0.0924808	2.3404637	30783
(43697)	4620 P-L	1960 09 24	675	van Houten & Gehrels	(42487)	15.2	276.20883	60.98495	280.02271	3.83918	0.1377528	2.4803339	30784
(43698)	4878 P-L	1960 09 26	675	van Houten & Gehrels	(42488)	15.6	333.03696	198.53028	177.37848	9.59455	0.2278853	2.3443037	30784
(43699)	6586 P-L	1960 09 24	675	van Houten & Gehrels	(42489)	14.2	159.39773	222.17857	179.97382	12.76397	0.1866535	2.5977252	30784
(43700)	6820 P-L	1960 09 24	675	van Houten & Gehrels	(42490)	13.8	264.28302	284.99232	109.97222	8.39859	0.1380105	2.4141725	30785
(43701)	1115 T-1	1971 03 25	675	van Houten & Gehrels	(42491)	14.3	164.30134	199.35900	173.56290	14.62196	0.2625319	2.6458680	30785
(43702)	1142 T-1	1971 03 25	675	van Houten & Gehrels	(42492)	15.6	94.41231	43.13414	259.41733	4.30881	0.2080067	2.2492647	30785
(43703)	1276 T-1	1971 03 25	675	van Houten & Gehrels	(42493)	13.7	321.09618	212.16289	163.36725	11.31837	0.2164255	3.1390655	30786
(43704)	3225 T-1	1971 03 26	675	van Houten & Gehrels	(42494)	14.4	34.50440	138.38421	79.12173	8.24005	0.1449445	2.5741355	30786
(43705)	1131 T-2	1973 09 29	675	van Houten & Gehrels	(42495)	15.1	304.59206	238.64644	73.53768	5.50540	0.1265002	2.5473336	30786
(43706)	1416 T-2	1973 09 29	675	van Houten & Gehrels	(42496)	13.6	151.03896	356.28784	86.16482	14.52739	0.2053942	2.6435554	30787
(43707)	2050 T-2	1973 09 29	675	van Houten & Gehrels	(42497)	15.2	112.28380	222.77333	228.64015	4.96975	0.1994807	2.7440868	30787
(43708)	2126 T-2	1973 09 29	675	van Houten & Gehrels	(42498)	14.0	91.12590	134.60374	358.13825	9.02486	0.0811397	2.7923028	30787
(43709)	2284 T-2	1973 09 29	675	van Houten & Gehrels	(42499)	14.7	300.91844	112.31944	238.93418	5.52067	0.1957337	2.2502927	30788
(43710)	2907 T-2	1973 09 30	675	van Houten & Gehrels	(42500)	14.1	290.92942	247.45725	81.04884	2.20545	0.1979918	3.1061745	30788
(43711)	3005 T-2	1973 09 30	675	van Houten & Gehrels	(42501)	14.2	282.07672	129.69604	264.88108	24.56724	0.2823202	2.2834134	30789
(43712)	5054 T-2	1973 09 25	675	van Houten & Gehrels	(42502)	13.8	100.50418	94.26688	30.19065	2.22878	0.1684701	2.5639045	30789
(43713)	5104 T-2	1973 09 25	675	van Houten & Gehrels	(42503)	13.9	59.05058	339.90201	175.80047	14.10223	0.1370983	2.6579035	30789
(43714)	1048 T-3	1977 10 17	675	van Houten & Gehrels	(42504)	16.0	177.01152	344.98318	70.05704	2.91802	0.0376117	2.6251888	30790
(43715)	1084 T-3	1977 10 17	675	van Houten & Gehrels	(42505)	15.8	241.05157	29.26926	135.22154	7.18610	0.0400521	2.3043884	30790
(43716)	1096 T-3	1977 10 17	675	van Houten & Gehrels	(42506)	15.0	266.22092	108.59061	188.71536	9.42440	0.0555575	2.7363447	30790
(43717)	2023 T-3	1977 10 16	675	van Houten & Gehrels	(42507)	14.9	146.69852	92.46675	349.30759	3.71961	0.0358856	2.6466714	30790
(43718)	2208 T-3	1977 10 16	675	van Houten & Gehrels	(42508)	15.1	358.54308	26.27256	244.54891	3.12598	0.2180160	2.6082668	30791
(43719)	2666 T-3	1977 10 11	675	van Houten & Gehrels	(42509)	14.1	185.73634	266.47786	162.17339	7.24116	0.1659942	2.5634902	30791
(43720)	4301 T-3	1977 10 16	675	van Houten & Gehrels	(42510)	14.7	349.30687	247.84803	39.73762	6.87205	0.1865798	2.5878423	30791
(43721)	4433 T-3	1977 10 16	675	van Houten & Gehrels	(42511)	15.6	319.14940	59.33318	221.60541	0.78781	0.0993483	2.6592665	30792
					(42512)	15.3	262.91715	315.33575	30.17055	14.39333	0.1499190	2.6302068	30792
					(42513)	15.1	244.59635	285.33843	81.21650	5.40108	0.1917634	2.1789600	30792
					(42514)	14.9	229.92632	328.38106	33.98351	3.19921	0.0289523	3.0678355	30792

Orbital elements for the newly-numbered objects listed above at the current 200-day standard epoch (2002 May 6.0 TT):

(42515)	13.8	244.20884	288.31454	51.27229	7.56089	0.1132667	3.0929360	30793	(42567)	14.4	197.19122	332.88645	55.97834	7.38578	0.1361768	2.3217740	30810
(42516)	14.4	308.91273	228.81962	124.46379	3.98014	0.2118521	2.8359061	30793	(42568)	14.2	113.75007	225.73120	287.42179	22.99952	0.2099702	2.4395812	30810
(42517)	13.5	128.02371	219.54454	233.94274	23.43114	0.2618229	2.3240368	30793	(42569)	14.6	57.27568	289.50031	273.19373	6.39345	0.1492642	2.4819665	30810
(42518)	15.0	225.77573	88.99690	289.97026	4.91453	0.1873931	2.2727019	30794	(42570)	14.0	124.94833	32.82961	108.43477	9.76929	0.2142610	2.4422605	30811
(42519)	13.5	294.73633	207.02433	123.40287	2.46767	0.1836774	3.1861803	30794	(42571)	14.2	153.27584	142.65323	296.80883	7.33588	0.1247193	2.4744198	30811
(42520)	16.5	55.93577	126.91635	31.41673	1.75395	0.1184890	2.3992377	30794	(42572)	13.9	177.55316	314.92163	116.65115	23.87328	0.2028204	2.4288202	30812
(42521)	13.6	233.58456	257.47821	134.11710	16.56330	0.2514729	3.1536285	30795	(42573)	14.2	35.94260	233.97357	299.70904	12.19657	0.1037556	2.6657192	30812
(42522)	15.2	52.87509	74.55997	96.31677	3.10483	0.1458520	2.4261317	30795	(42574)	13.9	99.98483	39.85131	97.86748	14.87243	0.1061122	2.5402115	30812
(42523)	15.7	265.76654	210.17170	146.81326	25.25034	0.2232532	2.2850051	30795	(42575)	15.1	111.75959	150.24843	325.23267	3.54280	0.0822184	2.5750189	30813
(42524)	14.9	170.33456	275.26255	150.49742	2.86567	0.0697726	2.7285130	30796	(42576)	14.3	159.14434	351.10991	66.33668	5.45569	0.1951297	2.5475742	30813
(42525)	16.0	281.25573	325.15309	2.40395	1.88559	0.0878362	2.6779671	30796	(42577)	14.0	197.70861	94.06093	350.67462	6.59165	0.0748271	2.3922410	30813
(42526)	15.0	287.72820	155.05404	166.05359	2.22412	0.0919041	2.6551768	30796	(42578)	16.0	288.23027	142.97692	192.03589	2.10852	0.2156061	2.4406500	30814
(42527)	13.2	254.74320	319.40869	31.62509	9.64267	0.1626952	2.7566637	30797	(42579)	15.1	139.83644	325.51879	129.38426	0.07870	0.1303490	2.5633695	30814
(42528)	15.0	271.25953	43.95722	98.70178	4.96133	0.0598514	2.6530028	30797	(42580)	15.5	132.56403	38.20588	60.72716	0.59872	0.0705869	2.5387253	30815
(42529)	15.1	262.35394	150.84872	191.16252	6.23626	0.1998460	2.2382367	30797	(42581)	15.1	46.70736	41.92488	148.65889	5.06469	0.0078236	2.6109123	30815
(42530)	15.8	357.55173	110.10991	136.93671	8.13699	0.1159202	2.2305985	30798	(42582)	15.1	356.59616	230.73448	7.56778	5.12182	0.0814338	2.7452903	30815
(42531)	16.6	342.80602	343.82209	315.89906	7.08887	0.3283799	2.3079985	30798	(42583)	13.7	29.18441	70.16720	137.52574	23.45487	0.1244327	2.6205113	30816
(42532)	15.2	327.18988	268.33055	63.62115	4.82537	0.2228375	2.2872409	30798	(42584)	14.2	272.23481	83.14368	200.77204	10.05475	0.1174215	3.0321486	30816
(42533)	15.1	86.28933	120.97620	14.68397	12.12963	0.0559122	2.6214692	30799	(42585)	15.0	1.31159	60.50478	187.13645	12.30166	0.0786587	2.6857883	30816
(42534)	14.7	293.40679	341.39079	25.19032	2.39501	0.2187075	2.4041513	30799	(42586)	14.5	160.44008	247.07384	187.83049	4.91361	0.0741846	2.7139376	30817
(42535)	15.4	311.60681	297.33179	357.49290	1.53475	0.0964979	2.5136166	30799	(42587)	14.1	283.58853	128.16979	218.26795	16.92528	0.1408517	2.7508539	30817
(42536)	15.5	356.32543	78.03009	165.34479	4.37391	0.0397942	2.5850844	30799	(42588)	16.5	117.22368	100.26037	184.03142	6.30571	0.0323850	2.1960754	30817
(42537)	14.8	210.29553	153.25754	250.39295	8.54843	0.1277977	2.5688613	30800	(42589)	14.8	165.33121	254.32259	185.62500	2.88693	0.0686785	2.6879542	30818
(42538)	13.8	244.72509	93.51296	277.68241	10.71827	0.1770964	2.5832268	30800	(42590)	14.8	160.30031	233.84131	195.43648	8.04353	0.1246461	2.7405619	30818
(42539)	16.1	41.65457	158.24251	27.28048	3.50991	0.1051665	2.6588148	30800	(42591)	14.9	351.55654	185.31547	92.46862	4.07444	0.1677306	2.7474516	30818
(42540)	16.4	303.42517	287.23496	8.20869	2.91102	0.1003834	2.5650554	30801	(42592)	15.3	358.48528	50.12965	191.15275	1.44282	0.0417155	2.8149709	30819
(42541)	14.5	171.31627	340.18926	90.36761	4.24885	0.0898698	2.7751103	30801	(42593)	14.9	351.17710	200.97893	80.66947	7.83131	0.2256604	2.7321592	30819
(42542)	13.9	129.97668	351.88533	105.17716	5.65516	0.1031406	2.8478389	30801	(42594)	14.8	4.90457	35.50893	205.54929	8.45402	0.1620103	2.8069790	30819
(42543)	14.6	166.22972	339.28015	97.15683	10.65274	0.1470538	2.7174425	30802	(42595)	15.9	94.16427	157.88175	230.42729	6.11490	0.1354482	2.2114361	30819
(42544)	14.9	37.10785	15.00094	189.70355	5.10259	0.0490467	2.9148101	30802	(42596)	16.7	194.99148	196.37961	204.44711	22.44872	0.0955824	1.9779961	30820
(42545)	14.0	315.34764	297.36999	332.72535	8.81958	0.0898593	3.0902250	30802	(42597)	15.5	139.11157	7.28390	351.38164	3.76328	0.0598624	2.2102905	30820
(42546)	14.5	346.16791	29.65585	118.23947	2.92294	0.0522305	2.2340506	30802	(42598)	14.4	210.60937	233.22772	4.76335	7.22354	0.1820209	2.4026810	30820
(42547)	14.2	353.96128	141.06541	99.25871	2.62527	0.1182718	3.2258212	30803	(42599)	12.9	314.88408	18.05042	345.74659	6.16464	0.2493167	3.1728562	30821
(42548)	14.3	328.73370	84.56989	42.16218	5.89669	0.0326885	2.3557293	30803	(42600)	13.7	64.02616	98.73511	50.35069	3.47802	0.2435087	2.3013455	30821
(42549)	14.5	116.36994	86.20654	217.22659	5.17626	0.0460267	2.4873802	30804	(42601)	15.3	132.19983	216.34837	232.71817	2.97218	0.0816435	2.2386941	30821
(42550)	15.0	224.64274	22.02493	213.09124	5.69530	0.0670487	2.3713013	30804	(42602)	15.3	106.24252	11.28612	111.43909	5.27235	0.1133661	2.2415246	30822
(42551)	14.1	275.13046	289.04158	54.80240	10.22730	0.0519247	3.0607129	30805	(42603)	14.8	5.93150	82.69489	114.48559	4.34462	0.0970511	2.3116369	30822
(42552)	15.4	105.22880	119.07329	350.27657	4.75508	0.1826397	2.3559410	30805	(42604)	14.2	103.67573	106.62890	356.35270	6.30466	0.1179964	2.2918530	30823
(42553)	15.9	113.59640	244.06844	169.32645	5.96661	0.1048084	2.4703140	30806	(42605)	16.5	28.81283	139.58177	54.02407	0.99303	0.1195570	2.2950031	30823
(42554)	11.5	209.30922	122.52512	178.66341	17.46436	0.0259049	5.1823240	30806	(42606)	14.9	67.54974	91.16055	59.24136	7.30261	0.2105438	2.3406013	30823
(42555)	12.8	180.49472	186.26143	165.32954	6.44007	0.1109391	5.2331169	30806	(42607)	14.8	320.64555	139.50370	163.52299	6.29137	0.1708211	2.3085908	30824
(42556)	15.9	210.69733	162.87770	232.25611	0.22451	0.1335624	2.2768166	30806	(42608)	14.8	15.15848	146.13812	94.57038	4.99730	0.1474998	2.2311846	30824
(42557)	16.2	46.94420	337.61073	207.63709	3.21305	0.0598220	2.3059390	30807	(42609)	15.2	359.23683	104.05242	149.94940	4.77023	0.2964889	2.3626812	30825
(42558)	16.0	351.43541	174.05932	58.82735	3.45619	0.1334306	2.3832533	30807	(42610)	15.7	67.86615	22.73637	127.82106	2.82803	0.1480549	2.3603170	30825
(42559)	15.9	296.59138	135.17420	153.99288	7.05088	0.1390979	2.3611936	30807	(42611)	16.0	66.31312	134.03393	11.57289	2.53298	0.1466804	2.4372326	30826
(42560)	15.4	265.68603	150.74337	240.04522	5.84856	0.1867992	2.1871133	30808	(42612)	15.9	276.02538	188.79964	142.42798	5.15514	0.0890698	2.2379246	30826
(42561)	15.6	152.15887	232.50998	207.31356	1.27405	0.1441024	2.4276785	30808	(42613)	16.3	96.42187	331.52061	148.61456	3.98566	0.1632049	2.3465335	30826
(42562)	16.3	277.39102	311.75223	19.88925	1.27080	0.1967178	2.2758024	30808	(42614)	16.0	56.92712	268.49661	269.41930	1.24825	0.0779730	2.2444543	30827
(42563)	16.0	301.70084	287.78731	33.19588	3.06208	0.1983654	2.3880868	30808	(42615)	14.8	302.96421	237.57653	50.99019	6.65225	0.1152802	2.3664135	30827
(42564)	15.5	343.85580	120.25105	139.74056	7.13768	0.0906886	2.3459738	30809	(42616)	15.2	329.55883	70.66818	167.48698	2.64703	0.1306460	2.4392201	30827
(42565)	15.1	315.35696	188.25790	63.97922	11.10541	0.1872167	2.4450414	30809	(42617)	16.1	93.83418	266.25103	236.93604	6.06572	0.0496952	2.2831747	30827
(42566)	15.1	194.09165	268.07670	128.13339	6.00114	0.2389315	2.3676060	30809	(42618)	15.3	279.70882	318.12222	28.00672	6.10067	0.2099150	2.2761646	30828

(42619)	16.8	353.66437	101.48248	143.53126	9.72364	0.2190192	2.3658310	30828	(42671)	14.7	245.85151	137.44684	236.65455	6.25085	0.1231200	2.3509829	30848
(42620)	15.0	121.61348	42.65215	60.51916	6.56066	0.1310122	2.2837598	30829	(42672)	14.8	321.46951	136.41269	177.28194	6.85489	0.1359266	2.3480472	30848
(42621)	14.9	0.65642	156.35804	95.60338	2.51906	0.1652588	2.3015894	30829	(42673)	15.8	345.59073	294.47447	304.46976	0.82048	0.0851954	2.5136625	30849
(42622)	14.7	33.49735	168.80588	28.96068	1.26391	0.1558593	2.3491823	30829	(42674)	14.6	62.95356	4.94698	158.47310	2.79641	0.1377116	2.4371533	30849
(42623)	15.7	357.72636	345.85182	260.35146	1.97428	0.0205494	2.2920298	30830	(42675)	15.0	89.99314	19.48819	130.75606	7.31437	0.0670132	2.3996691	30849
(42624)	16.0	29.53466	29.65217	181.54214	4.92137	0.0853412	2.3153372	30830	(42676)	14.2	289.18168	151.70907	98.88020	10.30122	0.1091116	2.7619774	30850
(42625)	15.3	20.03735	46.61302	211.36089	4.89093	0.1646413	2.2347465	30830	(42677)	16.6	355.57549	69.68283	176.63803	1.28723	0.1477820	2.3896127	30850
(42626)	16.1	45.40320	198.56184	330.65981	0.74449	0.1253833	2.3982369	30831	(42678)	16.6	344.02879	270.16670	340.54271	0.74755	0.1458081	2.4286623	30850
(42627)	15.5	2.33872	80.29071	160.64095	3.94629	0.1899778	2.3640730	30831	(42679)	16.3	20.99454	118.25623	121.72633	6.44101	0.1355792	2.3279049	30851
(42628)	15.6	336.90342	82.10701	189.11177	2.18678	0.1927090	2.3700251	30832	(42680)	14.6	266.50252	250.96993	125.49047	5.75784	0.0931233	2.2624877	30851
(42629)	14.8	219.66975	26.01039	355.47269	5.26910	0.0707445	2.3092444	30832	(42681)	15.0	236.06253	343.56047	29.60314	7.52078	0.1208433	2.4110624	30851
(42630)	15.3	78.31932	153.64682	349.15319	6.68665	0.0869672	2.3749529	30832	(42682)	14.9	32.06723	109.47085	96.68090	7.42242	0.0694933	2.4285606	30852
(42631)	15.7	300.42106	95.39411	256.24819	2.14789	0.1775525	2.1699533	30833	(42683)	15.5	311.91054	282.76145	7.36644	0.81200	0.1471714	2.5432938	30852
(42632)	15.5	137.35381	133.53413	319.29675	2.42292	0.0586623	2.3474376	30833	(42684)	16.3	101.71671	359.52207	122.11408	3.22243	0.1517501	2.3618151	30852
(42633)	14.6	141.51245	74.70105	14.21349	8.79850	0.0565603	2.3544249	30833	(42685)	14.1	305.38362	131.41983	214.62593	24.32213	0.2605383	2.3222788	30853
(42634)	15.9	27.96408	36.34578	167.00156	2.81182	0.1493000	2.3945252	30834	(42686)	14.4	326.73569	19.33905	258.53140	8.03118	0.0504914	2.4500876	30853
(42635)	15.4	36.46494	11.64232	180.47053	1.15503	0.1247338	2.3925417	30834	(42687)	15.4	2.14076	53.88439	193.51019	6.11799	0.1031797	2.4264098	30854
(42636)	16.0	352.67557	29.36198	219.19744	2.73632	0.1252072	2.3893593	30834	(42688)	14.9	39.35704	326.02182	249.37372	4.87170	0.1782814	2.3833043	30854
(42637)	15.0	148.75574	193.04336	254.71484	3.29275	0.1336309	2.3094241	30835	(42689)	14.8	60.49667	51.88270	114.95071	7.54081	0.1123831	2.5464194	30854
(42638)	14.9	262.08713	121.25174	219.18997	4.72383	0.0533132	2.3594470	30835	(42690)	15.8	219.55618	3.48827	28.19025	6.84445	0.1592797	2.3880372	30855
(42639)	15.4	17.47259	97.09056	119.83051	3.32548	0.1335699	2.3927018	30836	(42691)	15.9	256.77782	201.03123	141.04138	10.14568	0.0772047	2.5239406	30855
(42640)	15.8	14.14458	145.14271	69.51376	4.31008	0.1246217	2.4133270	30836	(42692)	15.1	280.51454	263.21844	76.15194	5.64201	0.2002786	2.5219430	30855
(42641)	15.7	358.93934	75.77519	198.54803	4.31969	0.1352472	2.2908310	30837	(42693)	14.6	81.61727	154.38955	25.38354	2.54271	0.1391172	2.3652682	30856
(42642)	14.3	238.23473	351.18664	20.61900	7.92069	0.1452757	2.3179957	30837	(42694)	14.7	32.35564	14.24733	218.76131	5.51319	0.1039726	2.4011700	30856
(42643)	15.8	71.61273	28.95034	124.08752	2.06806	0.1303030	2.3839557	30837	(42695)	14.9	354.23984	116.92901	115.16517	10.89746	0.1260867	2.5808122	30856
(42644)	14.3	217.57185	344.63213	33.57766	7.32738	0.1339708	2.3670732	30838	(42696)	15.5	15.44885	308.58301	301.38467	4.57337	0.1141674	2.3796826	30857
(42645)	15.5	3.57261	65.88661	164.63393	3.80096	0.0676038	2.3981949	30838	(42697)	14.9	323.06241	73.41949	223.96449	13.47761	0.1093917	2.5267608	30857
(42646)	16.3	75.36170	325.01538	185.40466	0.96127	0.1254114	2.3884213	30839	(42698)	15.0	257.91138	147.11641	240.03000	2.86968	0.1234310	2.3507687	30857
(42647)	15.2	69.72510	4.94442	156.29767	4.89235	0.0735523	2.3830594	30839	(42699)	15.2	305.62962	185.81632	138.08833	7.50898	0.2654207	2.5406745	30858
(42648)	15.5	335.40342	286.10898	23.54275	2.76460	0.2219153	2.2947030	30839	(42700)	13.3	185.55680	215.95443	141.23139	15.39330	0.0874286	3.0163754	30858
(42649)	15.3	63.86759	101.01044	86.73086	4.59110	0.1226548	2.3107768	30840	(42701)	13.4	20.30036	55.60991	166.23437	8.80353	0.2143902	2.5332948	30859
(42650)	15.7	354.20966	156.84577	88.32114	3.84804	0.1398132	2.4083169	30840	(42702)	14.3	100.33466	25.73041	125.67512	10.65161	0.0411740	2.5319586	30859
(42651)	15.8	347.81773	169.75685	124.15662	5.94484	0.1387050	2.2647747	30840	(42703)	14.8	40.49172	101.34885	92.32166	13.96262	0.1128418	2.6561199	30859
(42652)	15.2	242.97099	261.90842	114.62176	4.64499	0.1539020	2.3130281	30841	(42704)	13.8	74.97046	90.17699	95.88508	15.72864	0.0455998	2.5681232	30860
(42653)	14.5	150.46859	58.16830	19.80539	7.10401	0.0853860	2.2990693	30841	(42705)	15.3	321.18355	355.86178	294.60371	2.15434	0.2886045	2.6931148	30860
(42654)	15.5	88.19557	247.87422	234.12970	5.60852	0.1737686	2.3980378	30841	(42706)	14.7	333.55532	161.21834	148.10008	14.08000	0.1662923	2.5664227	30861
(42655)	14.4	229.39587	56.80574	318.28458	5.77707	0.1401176	2.3291172	30842	(42707)	13.9	70.19900	64.83223	211.68702	5.18254	0.0858162	2.3477103	30861
(42656)	15.1	37.45381	301.46179	255.51028	4.93860	0.0447672	2.3810367	30842	(42708)	13.6	4.10097	124.64642	123.61751	18.82397	0.2015064	2.6225267	30861
(42657)	15.0	307.85690	91.95828	234.21400	5.69126	0.1345870	2.2923243	30843	(42709)	15.0	323.60309	159.08419	129.96042	4.20499	0.1649191	2.7267614	30862
(42658)	15.7	111.64011	253.03103	230.81973	5.95492	0.0508449	2.3700044	30843	(42710)	14.0	199.78732	221.15051	186.18250	11.02549	0.0926075	2.9399846	30862
(42659)	15.8	133.55139	212.31791	250.44921	2.22798	0.0446091	2.3502034	30843	(42711)	13.3	233.30631	191.34465	160.49371	18.29914	0.1307522	3.1505595	30863
(42660)	15.2	77.19529	93.77211	60.70299	7.43752	0.0530642	2.3533541	30844	(42712)	14.6	193.87323	229.04760	176.60038	17.11384	0.2256183	3.1115318	30863
(42661)	14.5	331.41187	152.53007	34.73058	12.42542	0.1264022	2.7002883	30844	(42713)	14.0	207.50975	137.53675	247.24278	5.26079	0.0673501	3.0556263	30863
(42662)	15.4	277.14904	9.85283	327.37172	4.15037	0.1737240	2.2979808	30844	(42714)	14.6	345.95109	4.46427	295.16744	7.01480	0.1871930	2.6005561	30864
(42663)	15.8	120.00350	265.75431	193.54375	2.05840	0.1325834	2.4005132	30845	(42715)	16.2	47.02029	343.30209	16.89734	2.55821	0.2061269	2.1516676	30864
(42664)	15.0	304.70867	35.25094	198.04135	7.57893	0.0403348	2.6614564	30845	(42716)	14.4	210.05457	240.44362	150.10759	3.99634	0.1338173	3.0625938	30864
(42665)	15.8	249.18859	282.35202	76.09683	6.91947	0.1349512	2.4016796	30845	(42717)	13.7	222.14594	183.65236	197.30815	11.16293	0.1475752	3.0551144	30864
(42666)	14.6	311.40098	244.01481	87.38893	6.47222	0.1935755	2.3965668	30846	(42718)	13.7	232.81773	106.75219	271.68576	7.49934	0.1171391	3.0330808	30865
(42667)	15.9	344.25983	95.31813	197.78061	3.98215	0.1910712	2.2941511	30846	(42719)	13.7	347.37506	33.57756	247.23898	12.12086	0.1540674	2.6425397	30865
(42668)	14.9	105.17980	63.69841	59.80015	5.71495	0.1369864	2.3365476	30847	(42720)	14.3	327.29454	31.10912	299.06083	12.82974	0.2869857	2.5645385	30866
(42669)	15.2	115.07978	98.28823	0.70540	4.62945	0.1586313	2.4047222	30847	(42721)	14.4	332.16476	57.52697	260.40100	12.21347	0.1803067	2.6040196	30866
(42670)	14.7	355.85767	214.65732	66.65074	2.90529	0.1330522	2.2891080	30847	(42722)	13.8	216.07023	129.25489	263.60397	9.53353	0.1259522	2.9883579	30866

(42723)	13.6	140.90404	222.54088	237.13587	9.42581	0.0619737	3.0467069	30866	(42775)	13.2	244.45431	132.05961	249.44358	22.84280	0.2548817	3.1346197	30883
(42724)	13.2	342.54000	54.69166	239.27128	12.29937	0.1660125	2.7001722	30867	(42776)	12.9	53.18961	144.12053	69.45110	10.32242	0.0342373	3.1649077	30884
(42725)	14.1	296.63765	92.90977	256.15753	13.52130	0.1354019	2.6308330	30867	(42777)	13.8	286.21364	173.87946	153.91165	7.69775	0.1290884	3.2088427	30884
(42726)	14.1	12.57259	338.41833	290.54801	10.69289	0.0446516	2.6699132	30868	(42778)	14.1	280.15982	135.31315	243.29512	8.31822	0.1697640	2.7583825	30884
(42727)	14.6	185.64487	214.52420	196.39725	15.00425	0.1877906	3.1894220	30868	(42779)	13.9	299.86495	304.20597	44.99840	3.25247	0.0707255	2.8915495	30885
(42728)	13.6	202.51905	163.52593	244.26710	15.06849	0.1640989	3.0873873	30868	(42780)	13.6	288.35337	96.65518	230.73468	14.54738	0.1153923	3.1369332	30885
(42729)	14.3	327.65010	10.36773	305.55022	13.51780	0.1958607	2.6913924	30869	(42781)	14.7	293.89814	266.31537	202.49266	9.24231	0.1771124	2.3997117	30886
(42730)	14.4	307.13487	294.12360	63.89697	3.80639	0.2365853	2.6088322	30869	(42782)	13.8	338.38206	56.42361	225.57088	7.86657	0.0735127	3.2307245	30886
(42731)	13.7	313.58835	264.43802	21.20365	10.33236	0.0796147	2.9639902	30869	(42783)	12.1	243.19946	124.09738	251.23431	21.10165	0.0779962	3.1905486	30886
(42732)	13.3	243.02742	9.35814	348.10230	8.66734	0.0827218	3.1713990	30869	(42784)	13.1	238.21340	262.79016	129.92229	20.65565	0.1589260	3.2176356	30886
(42733)	14.4	321.02499	236.77002	99.10381	4.46051	0.2027246	2.6417281	30870	(42785)	13.9	39.06090	156.51270	211.00781	25.49435	0.2330222	2.3164015	30887
(42734)	14.6	245.41129	236.88205	135.06037	6.53547	0.1647810	2.8867450	30870	(42786)	13.8	256.08380	337.38392	193.91681	22.23925	0.0992127	2.4177721	30887
(42735)	14.9	332.82514	100.00176	164.41328	15.20939	0.1284174	2.8427475	30870	(42787)	13.1	342.27429	233.12185	74.92208	11.43615	0.0976887	2.9805066	30887
(42736)	14.5	310.51453	314.91949	332.22690	1.23278	0.1565958	2.8973497	30871	(42788)	14.0	345.20135	244.53053	66.05106	4.73765	0.1683969	2.8418268	30888
(42737)	13.2	194.01714	114.01962	292.21089	1.73609	0.0876127	3.1183499	30871	(42789)	14.5	14.75496	69.37029	313.12356	5.45193	0.1329931	2.4483698	30888
(42738)	13.8	249.52865	47.34839	296.07785	3.71215	0.1821321	3.0963317	30871	(42790)	12.7	25.66477	125.77375	229.97312	14.06082	0.1320392	2.5504434	30889
(42739)	14.9	241.93359	200.99478	158.72453	2.09905	0.1096806	3.0715644	30872	(42791)	14.9	339.33193	287.76780	132.83024	8.17487	0.2166651	2.5706195	30889
(42740)	13.8	200.34769	17.01447	17.17796	9.23324	0.0887826	3.1686312	30872	(42792)	16.1	188.85971	340.59681	302.98893	6.53987	0.1119761	2.3002951	30889
(42741)	14.7	281.46467	68.34024	279.79177	0.98434	0.0757229	2.8821480	30872	(42793)	14.2	315.03906	210.18023	141.17665	5.97697	0.3408029	2.6663968	30889
(42742)	13.1	259.47738	137.43166	215.47912	7.30791	0.0808386	3.0329145	30873	(42794)	13.8	220.87525	208.97467	0.00313	10.17101	0.1280125	2.4597464	30890
(42743)	15.5	38.05641	0.58064	248.94817	3.41016	0.0678866	2.7528049	30873	(42795)	15.4	19.97633	286.75478	173.47783	8.18381	0.1145807	2.2607836	30890
(42744)	13.0	281.92849	47.63013	275.99083	3.79819	0.1523661	3.0386102	30873	(42796)	15.6	35.12308	359.26126	82.61200	2.97519	0.1697739	2.2643604	30891
(42745)	14.8	187.55324	77.02813	32.21546	7.31879	0.0767624	2.7750655	30874	(42797)	13.0	24.40602	61.69858	325.53274	14.28311	0.1307643	2.6171668	30891
(42746)	15.1	22.75849	59.28899	151.81554	0.92751	0.0992514	3.2296651	30874	(42798)	14.2	33.72140	332.73860	107.16763	6.22913	0.1433911	2.3258746	30892
(42747)	13.9	200.84162	195.06362	201.23680	0.54702	0.1520447	3.1381638	30874	(42799)	12.9	168.17573	10.74757	256.93642	15.77598	0.1962376	2.7101346	30892
(42748)	14.8	287.18055	165.47747	167.29419	2.17255	0.2537450	2.8494576	30875	(42800)	12.9	341.14919	94.00699	5.68660	21.78643	0.0536147	2.6981702	30893
(42749)	14.4	248.82079	310.49177	64.05333	8.48496	0.1940123	3.0339265	30875	(42801)	14.2	325.73986	101.15405	339.07769	15.07562	0.2943534	2.5925291	30893
(42750)	14.6	232.93137	167.31896	194.28404	8.96950	0.1104372	3.1191581	30875	(42802)	14.2	289.38390	108.34714	103.08108	9.08984	0.1658241	2.4227068	30893
(42751)	15.1	295.61598	169.16218	153.56330	3.28377	0.1437983	2.8758294	30876	(42803)	12.6	341.08535	329.62929	116.78535	10.29538	0.1395062	2.7674358	30894
(42752)	13.8	178.38072	249.71893	174.97609	1.46256	0.1287316	3.1862177	30876	(42804)	14.4	246.20204	201.69404	105.23336	6.51391	0.1253804	2.2201985	30894
(42753)	15.1	249.69075	299.02337	55.51861	7.42207	0.1424269	3.1079762	30877	(42805)	15.2	268.47870	214.77208	97.38686	6.25117	0.2514409	2.1560779	30894
(42754)	14.1	249.37401	234.99306	122.34290	2.85651	0.0981310	3.0673817	30877	(42806)	14.5	171.09276	229.75340	217.38058	21.70050	0.0405102	1.9275316	30895
(42755)	14.2	226.19285	173.62668	211.99939	12.82737	0.1090749	3.0906442	30877	(42807)	14.9	204.79480	158.50485	184.28682	13.04803	0.2456461	2.3567951	30895
(42756)	14.0	244.76931	174.05593	180.63458	7.79896	0.0674783	3.2026858	30878	(42808)	14.4	172.53185	159.86728	214.91997	24.52660	0.1904652	2.3198377	30896
(42757)	14.0	132.05982	166.32615	282.48534	8.56172	0.0677718	3.2013792	30878	(42809)	12.5	136.81590	227.03205	34.06825	11.80744	0.0553584	3.3458077	30896
(42758)	14.9	260.85270	297.70999	66.00117	2.52171	0.2621609	2.9824912	30878	(42810)	14.2	280.48011	181.69624	65.75058	10.32443	0.1395178	2.3563249	30896
(42759)	13.7	284.48943	131.69059	171.08567	8.97895	0.2397254	3.1451604	30878	(42811)	13.9	297.17415	128.62038	209.51612	24.08184	0.1428770	1.8438152	30897
(42760)	15.0	251.48400	35.31957	321.91093	0.85681	0.1160176	2.9985788	30879	(42812)	13.5	301.05231	9.77851	130.22339	9.17512	0.1646099	2.8004984	30897
(42761)	14.8	94.36359	170.50858	34.69208	9.65710	0.0776616	2.6669143	30879	(42813)	13.8	357.17954	300.49977	253.06653	9.53514	0.0253868	2.2880158	30898
(42762)	14.0	230.73490	170.38045	217.71207	5.41056	0.2307142	3.0927165	30879	(42814)	14.8	241.86424	130.67621	185.78412	5.78323	0.2049883	2.4162315	30898
(42763)	16.6	52.70527	16.21201	280.53339	3.73226	0.2745767	2.3157509	30880	(42815)	15.6	187.89420	117.19900	288.52402	1.46807	0.1966470	2.3778543	30898
(42764)	13.6	214.14978	182.16293	217.06738	5.69144	0.1367019	3.1701285	30880	(42816)	14.2	140.62032	210.36318	186.44811	15.81782	0.2715797	2.7538775	30899
(42765)	13.9	269.84482	272.22530	70.53655	6.20787	0.1280253	3.0641010	30880	(42817)	15.1	279.83546	68.82000	260.53534	5.00083	0.2104128	2.2664572	30899
(42766)	14.0	287.67657	132.22358	192.56768	9.13659	0.0782689	3.0943718	30881	(42818)	15.3	232.06534	222.97522	161.62695	2.87356	0.1619202	2.2599661	30899
(42767)	13.5	317.48851	30.43898	220.26919	11.44365	0.0294139	3.4260074	30881	(42819)	14.3	197.33758	141.47034	270.22704	1.65150	0.2057353	2.3573978	30900
(42768)	14.6	313.35646	62.49031	250.95551	7.86816	0.2811670	2.7690860	30881	(42820)	14.7	96.29544	341.88122	153.02960	2.93713	0.1250870	2.3112965	30900
(42769)	14.2	329.12879	216.35372	61.89119	1.22896	0.1712605	3.1119596	30882	(42821)	15.4	265.35038	52.41116	302.71788	4.50782	0.2640604	2.2949049	30901
(42770)	14.1	244.81307	241.87177	135.07774	2.85070	0.1901662	3.1227147	30882	(42822)	16.1	294.84369	44.84746	279.21734	3.91186	0.2102198	2.1691542	30901
(42771)	13.9	244.15591	150.29089	226.71282	13.56830	0.1475459	3.1139754	30882	(42823)	15.8	290.36544	200.07302	122.65576	1.96618	0.1658575	2.1863693	30902
(42772)	14.3	240.85235	212.94706	173.37127	5.95741	0.1609654	3.0960310	30882	(42824)	14.1	285.17120	170.98650	126.72927	6.55409	0.1247760	2.3012479	30902
(42773)	13.8	259.48034	268.50046	88.50295	1.91214	0.1968032	3.1687125	30883	(42825)	15.8	263.81935	234.27316	109.36834	5.39324	0.0378369	2.2102573	30902
(42774)	15.4	31.26361	315.42678	43.15129	6.27189	0.1323846	2.3315374	30883	(42826)	15.9	312.35637	172.42140	123.86562	6.94798	0.1067628	2.1858883	30903

(42827)	15.9	286.70916	196.71473	129.56474	4.34164	0.1042490	2.2141702	30903	(42879)	17.1	260.49147	285.95414	71.16595	1.53479	0.2166351	2.3150503	30923
(42828)	16.0	328.66685	224.02231	44.21146	1.22723	0.1792728	2.2279460	30903	(42880)	15.1	279.88732	119.50041	215.98846	5.04884	0.1976359	2.2743647	30923
(42829)	14.6	167.27548	89.04830	339.05433	4.91493	0.1393800	2.3898443	30904	(42881)	15.4	332.45035	50.89894	223.76473	5.24493	0.2332241	2.2243263	30923
(42830)	15.9	264.26648	256.32100	94.01622	3.97836	0.1654430	2.2630788	30904	(42882)	15.0	318.98521	92.44462	190.51930	5.59186	0.1073224	2.3120122	30924
(42831)	14.4	174.36316	243.20365	137.94559	10.06431	0.2822249	2.4797635	30905	(42883)	15.2	93.51775	261.37894	279.09278	3.79339	0.0396661	2.1945134	30924
(42832)	14.2	246.07934	207.90233	118.24120	14.09785	0.1631990	2.3307413	30905	(42884)	15.8	306.06489	92.63434	220.03179	2.66704	0.1724077	2.2392741	30924
(42833)	14.2	179.53674	123.16286	253.39252	10.60664	0.2066112	2.6248254	30905	(42885)	15.2	200.85472	241.93303	161.49774	6.07688	0.1079703	2.4193405	30925
(42834)	15.6	276.74329	182.76045	153.40586	6.14726	0.1932658	2.2415414	30905	(42886)	15.2	302.13746	321.67342	342.72779	4.01741	0.1841298	2.2892037	30925
(42835)	13.2	211.79268	118.39710	242.99176	13.77939	0.1323356	2.6129594	30906	(42887)	15.4	309.90724	55.35026	282.73311	2.86614	0.2420478	2.1411487	30925
(42836)	14.9	236.63963	128.58095	232.76860	11.93909	0.2210054	2.5275254	30906	(42888)	14.7	209.70380	49.02456	327.26286	8.80396	0.0345188	2.5330570	30926
(42837)	14.7	232.93573	352.69018	10.98937	2.17820	0.0751176	2.4383621	30906	(42889)	15.4	314.67234	323.79729	318.32326	6.18012	0.1068852	2.3892539	30926
(42838)	14.2	155.37464	228.06987	204.12768	5.03329	0.1970128	2.5515823	30907	(42890)	14.3	112.60572	50.29766	67.87870	5.83434	0.1318103	2.5666440	30926
(42839)	16.3	330.71336	150.23178	125.13965	4.58108	0.1862201	2.2222254	30907	(42891)	15.3	316.16823	107.64675	190.91026	5.19606	0.1376391	2.2830547	30927
(42840)	15.9	256.35448	209.75736	153.65075	4.84088	0.1863601	2.3232295	30908	(42892)	13.5	114.84507	84.12002	26.07185	13.34785	0.1109433	2.6249680	30927
(42841)	15.7	334.61227	55.56541	220.28044	4.27814	0.1850855	2.1845594	30908	(42893)	15.1	345.88442	139.11103	104.21000	4.61496	0.1930587	2.3760307	30928
(42842)	15.5	267.70120	32.57296	352.36016	2.67172	0.1630699	2.1933598	30909	(42894)	15.7	0.71586	124.25127	136.33437	1.70718	0.1621831	2.2243960	30928
(42843)	13.9	225.31527	72.86952	334.83333	22.51237	0.2619095	2.3331673	30909	(42895)	15.6	318.76702	130.06424	169.93880	3.97985	0.1833286	2.2565243	30928
(42844)	14.5	338.90587	95.68004	174.24497	7.53232	0.1245711	2.2662111	30909	(42896)	15.0	181.86252	232.48871	187.52555	2.82946	0.1559641	2.5674931	30929
(42845)	15.3	237.82115	154.21629	220.33707	1.83560	0.1844363	2.4046335	30910	(42897)	16.0	249.44675	37.36640	350.43021	2.39056	0.0665937	2.2604241	30929
(42846)	15.1	308.20770	169.95888	134.80076	4.52772	0.1755397	2.3269375	30910	(42898)	16.0	353.27880	132.53368	111.29616	2.96375	0.1855013	2.3486844	30929
(42847)	14.1	321.21286	262.86371	6.33253	22.64439	0.2596555	2.2702690	30910	(42899)	14.4	180.55381	187.66625	221.47414	5.31137	0.1686983	2.6469801	30930
(42848)	14.3	147.72277	300.41463	133.99887	2.46882	0.1673152	3.0982683	30911	(42900)	15.6	268.67121	113.79895	237.10482	5.65109	0.2173194	2.3171741	30930
(42849)	14.8	140.29597	250.71091	192.46176	5.50005	0.2201795	2.7877709	30911	(42901)	15.3	342.56884	44.26642	247.00107	4.15371	0.1924650	2.1636032	30931
(42850)	14.6	221.02903	302.22397	89.46428	3.21904	0.2081948	2.3614017	30912	(42902)	12.6	147.08813	98.95042	263.12387	8.02621	0.1282614	3.4369608	30931
(42851)	14.1	142.93469	109.52121	336.71740	5.92966	0.0933160	2.4368569	30912	(42903)	14.7	201.58988	142.84378	246.51564	12.94600	0.1239909	2.5942370	30932
(42852)	13.3	201.29932	27.37986	334.98973	14.42193	0.2120274	2.6537380	30913	(42904)	15.1	1.66453	280.58688	295.12268	9.84449	0.0621356	2.6370354	30932
(42853)	15.6	13.79964	82.69656	135.67909	3.19498	0.1159540	2.3860857	30913	(42905)	13.6	75.67882	276.88534	235.64018	13.94928	0.1315925	2.5845369	30932
(42854)	15.3	126.23530	155.35234	258.59634	1.27470	0.0123129	2.9047682	30913	(42906)	14.4	28.23313	338.14182	224.91710	13.91509	0.0310005	2.5989253	30933
(42855)	14.5	242.63668	238.26599	134.76599	5.78623	0.1791321	2.3741522	30914	(42907)	15.1	245.09492	105.87091	238.70147	10.12264	0.0384454	2.6289883	30933
(42856)	14.6	162.61997	249.44023	188.48044	12.37213	0.1491542	2.5523172	30914	(42908)	15.7	298.23309	168.43184	158.87029	7.11277	0.2019082	2.3106339	30933
(42857)	15.7	320.76091	90.39966	199.31276	5.24968	0.1851446	2.2973266	30914	(42909)	15.9	326.73196	130.08223	146.16667	1.00558	0.0901071	2.2845756	30934
(42858)	15.9	312.93714	101.52103	191.19858	5.84920	0.1424404	2.3577400	30915	(42910)	14.9	257.44624	215.59422	142.05237	10.04641	0.2319050	2.3953427	30934
(42859)	13.1	127.00891	259.52395	183.00526	13.57495	0.1414428	2.8851380	30915	(42911)	15.7	356.56196	176.23202	103.96831	4.78692	0.1439718	2.1828022	30934
(42860)	14.7	147.94939	352.80205	94.28897	3.33194	0.1763177	2.6733069	30916	(42912)	15.6	343.32113	0.49322	292.90029	7.15744	0.1352786	2.2690745	30935
(42861)	14.9	315.01730	159.59687	138.77915	5.99394	0.1725677	2.3048830	30916	(42913)	14.4	131.16585	224.88659	230.59088	11.66147	0.1018032	2.6462854	30935
(42862)	15.0	75.29981	321.78374	195.61066	3.88686	0.0960208	2.5754030	30917	(42914)	15.5	298.35879	251.33229	83.26398	6.39035	0.1344447	2.1906938	30935
(42863)	15.4	203.28698	235.40241	169.80039	11.68300	0.1686135	2.5946211	30917	(42915)	14.7	277.06898	300.70156	38.13681	6.89913	0.1322802	2.2859395	30936
(42864)	14.7	280.81899	81.76886	228.66729	5.85716	0.1075893	2.3828487	30917	(42916)	15.3	311.99038	194.55708	101.97324	6.90630	0.1228985	2.4065783	30936
(42865)	15.5	275.78243	58.60326	261.88492	5.53843	0.1197794	2.4135687	30917	(42917)	13.2	211.48918	29.30414	352.92455	12.54721	0.1385211	2.7218541	30936
(42866)	14.6	276.22695	35.07458	300.46955	6.25664	0.1455516	2.3538396	30918	(42918)	14.7	275.56174	154.28674	188.00539	6.68109	0.1162840	2.3803427	30937
(42867)	13.0	118.92284	224.81318	209.82779	14.16210	0.2343725	2.7636224	30918	(42919)	16.0	289.41027	287.58228	43.68402	0.68669	0.2252804	2.3412922	30937
(42868)	14.9	313.17387	283.43755	332.84705	10.82010	0.1663526	2.4129519	30919	(42920)	14.1	73.45021	108.54397	75.83326	6.51281	0.0708981	2.2674988	30937
(42869)	15.0	64.11902	285.54251	265.27534	3.39819	0.0950416	2.1985162	30919	(42921)	14.7	352.42459	168.01385	91.23158	8.60758	0.0881487	2.2723282	30938
(42870)	14.8	218.59790	22.52579	303.13663	4.22624	0.0532679	2.7180228	30919	(42922)	12.7	135.77717	344.25153	82.16535	10.32077	0.1439656	2.8054050	30938
(42871)	15.5	298.80702	21.37977	286.30593	5.14776	0.1161801	2.3395436	30920	(42923)	14.1	338.80774	168.29145	117.72961	6.81082	0.1862953	2.2263746	30939
(42872)	15.0	346.05065	50.08725	220.56664	7.94588	0.1975410	2.2336401	30920	(42924)	16.4	283.10454	139.28106	196.98857	2.86157	0.2219976	2.3549339	30939
(42873)	15.7	210.34419	213.56219	177.51056	6.13457	0.1249190	2.4055760	30920	(42925)	15.0	316.84504	161.48536	133.57430	7.28693	0.1180383	2.4096681	30940
(42874)	14.8	133.13955	284.72079	184.59804	6.39828	0.0684421	2.3674970	30921	(42926)	15.6	313.09443	99.17827	204.39825	2.64942	0.1809602	2.3785834	30940
(42875)	14.4	185.67223	122.06650	287.14674	5.65019	0.0605844	2.4210492	30921	(42927)	14.8	299.78071	46.39061	264.41678	12.06736	0.2440460	2.3832015	30940
(42876)	15.6	323.69940	351.96114	289.64487	5.95800	0.1113876	2.2869140	30922	(42928)	16.1	317.48123	141.17012	173.89846	22.70322	0.2146050	2.2907940	30941
(42877)	15.3	289.54857	92.58175	223.32888	5.42119	0.1406667	2.3156501	30922	(42929)	15.9	271.20025	23.78863	330.31026	1.89741	0.2131267	2.3908867	30941
(42878)	15.3	321.03877	174.12730	107.16635	2.53880	0.2108636	2.2545085	30922	(42930)	14.2	9.82503	136.70398	109.16848	24.48837	0.2176813	2.2924279	30942

(42931)	14.2	254.32759	299.81224	68.42740	9.28230	0.1845132	2.6037642	30942	(42983)	15.9	276.09185	209.39083	121.94751	2.00888	0.1263055	2.4086378	30961
(42932)	15.3	229.10043	294.30817	56.76528	13.34816	0.1723159	2.6873310	30943	(42984)	15.3	253.98473	240.53095	119.07001	4.09391	0.1904210	2.5177823	30961
(42933)	14.3	191.36018	296.59657	101.25167	27.11133	0.1910797	2.6719901	30943	(42985)	13.8	148.02698	238.09106	192.70073	9.76796	0.2077592	3.1427736	30961
(42934)	16.2	295.50947	305.29152	8.34939	3.31011	0.1876248	2.4329233	30943	(42986)	14.0	348.13117	76.47673	144.49994	11.86079	0.1559480	2.7072589	30962
(42935)	16.4	302.31892	51.55450	258.54003	1.39378	0.2100868	2.4082733	30944	(42987)	14.0	97.31075	77.03985	90.02990	13.93819	0.1267240	2.6267425	30962
(42936)	14.9	161.44550	100.73186	323.29710	1.12541	0.0753475	2.9269368	30944	(42988)	14.1	184.19428	299.91986	126.47809	6.81990	0.0160398	2.6604787	30963
(42937)	15.5	87.38440	137.90456	354.87233	1.67084	0.0723242	2.7361191	30944	(42989)	14.8	236.15421	196.04778	160.14721	10.84156	0.0930195	2.7070253	30963
(42938)	14.3	164.35816	112.90666	312.87387	1.98662	0.0381765	2.6830684	30945	(42990)	14.2	65.42145	344.83663	187.54525	15.29477	0.1003046	2.6305342	30963
(42939)	14.5	34.77322	214.79373	339.90114	1.24117	0.0229609	2.6642756	30945	(42991)	15.8	316.16064	187.19291	107.43810	7.46417	0.1361126	2.3899212	30964
(42940)	14.0	90.75793	296.11006	184.99393	8.94936	0.2313115	3.0619572	30946	(42992)	16.2	304.91742	101.14134	196.81120	1.79006	0.1238707	2.5423319	30964
(42941)	14.8	128.54652	3.19863	141.17299	2.83379	0.1163546	2.4129836	30946	(42993)	13.6	308.15846	10.69005	246.87979	8.75370	0.1555320	2.7687510	30964
(42942)	15.7	317.17350	285.27491	17.98836	2.51132	0.2084751	2.3906270	30947	(42994)	14.1	241.56703	5.74121	12.56708	8.15442	0.2501303	2.5777045	30964
(42943)	16.5	325.85128	185.32422	105.08474	3.80396	0.2304189	2.2739051	30947	(42995)	14.5	344.32701	169.44921	96.42426	10.80465	0.1057386	2.6060617	30965
(42944)	15.0	258.09059	238.08428	125.80111	3.22550	0.2273454	2.3843376	30947	(42996)	14.5	340.02965	89.79535	194.00301	12.54622	0.1666760	2.5647072	30965
(42945)	14.6	12.68594	146.15053	75.44405	7.89633	0.0355779	2.5791350	30948	(42997)	15.2	355.83169	179.83246	70.45961	5.60140	0.1544286	2.3572617	30966
(42946)	14.0	45.81785	61.49661	133.36645	4.68592	0.0728351	2.5674832	30948	(42998)	13.6	60.86973	315.94139	248.42025	6.76070	0.1451427	2.5665825	30966
(42947)	14.3	297.59754	236.42208	79.01843	7.10570	0.1222525	2.4085691	30949	(42999)	14.5	88.10697	336.56537	152.98553	4.73144	0.1848288	3.0276750	30966
(42948)	14.6	346.23711	184.38272	104.93581	6.36455	0.0746142	2.2998996	30949	(43000)	14.9	235.43425	153.42900	227.45330	12.36365	0.2116432	2.5596212	30967
(42949)	15.0	312.79846	142.88751	134.73240	9.82896	0.1845217	2.4719897	30949	(43001)	13.7	162.38714	214.73005	212.83567	1.37085	0.0929451	2.9301778	30967
(42950)	15.0	312.67723	191.78052	112.39097	7.53885	0.1415294	2.4006937	30950	(43002)	16.2	267.99546	136.94843	204.06015	6.51144	0.1277735	2.4282315	30968
(42951)	15.1	337.15290	207.03810	93.83288	7.90514	0.1530391	2.2691172	30950	(43003)	16.4	306.89518	182.89634	142.96136	3.24486	0.2580454	2.2762711	30968
(42952)	14.9	242.35167	230.90052	139.70616	16.35931	0.1099728	2.5604776	30950	(43004)	15.0	189.58719	146.93763	257.29308	2.24379	0.0912762	2.7844991	30968
(42953)	14.4	116.63064	217.15707	294.52950	5.74948	0.0699351	2.3181322	30951	(43005)	15.7	329.02857	38.69661	246.37772	3.62208	0.1830285	2.3275792	30969
(42954)	15.4	300.49403	96.54847	221.43109	4.83391	0.1284788	2.3601473	30951	(43006)	14.3	103.05356	201.98044	275.22335	5.25274	0.1704392	3.0084859	30969
(42955)	16.6	287.11459	182.53571	145.52827	2.52177	0.2303856	2.3523662	30951	(43007)	16.1	15.40293	245.04124	335.05354	1.98209	0.1297014	2.4450918	30969
(42956)	16.0	317.45851	130.37399	174.74239	5.03828	0.2486584	2.2720372	30952	(43008)	16.0	290.74054	203.55455	126.28463	1.96721	0.1904771	2.3475340	30970
(42957)	14.9	244.49016	168.08010	181.93260	12.59758	0.1099092	2.5884339	30952	(43009)	14.1	148.67433	107.82184	342.41839	4.71904	0.0698088	2.6804937	30970
(42958)	16.7	306.09876	161.16637	153.42776	3.98154	0.2515537	2.2926064	30952	(43010)	14.1	354.61774	168.46491	78.52812	13.23411	0.0905284	2.7351410	30971
(42959)	16.0	248.92952	67.28919	280.29193	1.67018	0.0436326	2.6200081	30953	(43011)	15.3	324.11633	54.21654	266.25190	3.90025	0.1858468	2.2017401	30971
(42960)	16.3	301.81245	305.90216	7.87217	1.83631	0.1620725	2.4170053	30953	(43012)	15.9	242.34908	237.70240	131.31777	4.01155	0.1021311	2.5795492	30971
(42961)	15.5	328.56700	62.34953	215.11760	14.42026	0.1082620	2.5467329	30953	(43013)	16.1	315.92879	153.91253	150.27095	2.55327	0.2254792	2.3889695	30972
(42962)	16.4	293.21906	320.46591	1.80386	2.43848	0.1853902	2.4330794	30953	(43014)	12.9	281.13050	195.89703	96.43622	11.29660	0.0790091	2.9960579	30972
(42963)	13.6	58.44721	141.28767	18.57560	13.54562	0.1113177	2.6909314	30954	(43015)	15.8	311.08614	220.48600	114.47473	7.51501	0.1410810	2.3126471	30973
(42964)	15.7	288.89341	171.28180	145.46496	4.24872	0.0266663	2.5103760	30954	(43016)	15.2	236.78593	187.32258	173.15834	2.12187	0.0820567	2.6810542	30973
(42965)	14.4	142.76869	336.98776	116.17237	4.50607	0.0446638	2.7030170	30954	(43017)	15.5	294.04376	122.52367	232.94776	23.88122	0.2898517	2.2705922	30973
(42966)	14.6	116.52853	190.07598	281.46139	2.78468	0.0408931	2.7822826	30955	(43018)	13.4	209.99419	120.86899	272.15754	7.84083	0.1698141	2.8126041	30974
(42967)	16.4	330.26004	316.80488	318.26778	5.47484	0.2179246	2.3672202	30955	(43019)	14.1	128.71509	304.15008	147.84761	1.89010	0.1394267	3.1640615	30974
(42968)	15.5	172.75289	207.74966	217.74623	12.58810	0.0634910	2.6110730	30956	(43020)	15.2	211.55235	343.37939	42.17594	15.00905	0.1306387	2.6407715	30975
(42969)	14.8	328.15696	194.71884	86.00769	5.58437	0.0783182	2.5915500	30956	(43021)	14.8	240.49146	4.30363	1.62908	4.96211	0.1647202	2.7350711	30975
(42970)	14.4	306.41149	161.10090	135.42986	3.61221	0.1057121	2.6256902	30956	(43022)	13.3	324.35577	187.97377	59.00147	15.12317	0.0373055	3.2097475	30975
(42971)	15.4	261.29529	228.75905	130.78925	3.60408	0.1693860	2.5194478	30957	(43023)	14.5	275.60317	291.27453	65.22811	9.19904	0.2816205	2.3987928	30976
(42972)	14.1	289.44771	106.22206	220.88701	14.06469	0.1345864	2.5841375	30957	(43024)	13.9	218.81841	328.30731	65.77939	9.63474	0.1167608	2.7270213	30976
(42973)	13.4	55.02399	289.25294	262.96025	16.62356	0.1881215	2.5655025	30957	(43025)	15.9	270.36812	61.20811	324.48001	2.47952	0.1623005	2.3309421	30977
(42974)	14.4	46.23854	317.83657	240.82051	13.55432	0.0276448	2.6070595	30958	(43026)	14.1	226.82896	31.57723	332.10090	12.41050	0.1713508	2.6629201	30977
(42975)	14.4	216.64645	41.72407	337.96001	5.54990	0.0767118	2.7703110	30958	(43027)	14.1	20.71715	349.20841	229.42467	14.40877	0.0476824	2.6913284	30978
(42976)	15.3	86.71203	185.13365	311.49642	3.96524	0.0533846	2.6404257	30959	(43028)	13.2	219.81350	330.00997	64.82316	9.83170	0.2010642	2.5878510	30978
(42977)	16.0	279.67425	173.06181	157.98288	2.77535	0.2280023	2.4298050	30959	(43029)	14.5	259.86618	268.08668	126.35681	2.77518	0.1863935	2.4176567	30979
(42978)	14.8	163.72619	197.43993	227.44677	8.57482	0.0653264	2.7200433	30959	(43030)	14.3	280.16622	71.76886	272.64051	5.68197	0.2189409	2.5733995	30979
(42979)	15.7	295.95251	85.27918	232.88808	6.02606	0.1462303	2.3994222	30960	(43031)	15.1	235.72718	289.04993	92.67340	10.35345	0.2868348	2.6942256	30979
(42980)	14.6	120.75018	64.28153	47.37261	3.94601	0.1270454	2.7365671	30960	(43032)	14.6	277.80785	263.17991	56.36581	2.85440	0.0624058	2.8652038	30980
(42981)	15.2	6.05816	27.35110	204.31987	5.95128	0.1432927	2.5362917	30960	(43033)	13.7	340.56593	349.70696	241.29100	16.33568	0.0754722	3.2296621	30980
(42982)	15.7	264.40173	246.10808	91.00581	8.75453	0.1452782	2.4752766	30961	(43034)	13.9	232.45936	136.76391	247.87438	11.11966	0.1613755	2.6803427	30981

(43035)	14.1	119.73935	65.09138	68.63142	10.40754	0.1128794	2.9376506	30981	(43087)	13.1	134.32686	15.69647	82.88664	16.15249	0.2294938	3.1852158	30999
(43036)	14.5	301.90443	80.79609	247.51169	12.30874	0.2541613	2.4542511	30981	(43088)	14.5	284.41648	207.44975	133.28448	7.87575	0.1861105	2.4527569	31000
(43037)	14.2	82.12589	274.11424	254.24817	7.56221	0.1398645	3.1018935	30982	(43089)	13.9	272.46854	56.07602	205.98582	19.14051	0.0738316	3.1732388	31000
(43038)	15.4	301.28433	322.83249	345.64633	7.37127	0.2281538	2.3826267	30982	(43090)	14.7	307.54973	39.66927	237.31640	12.09020	0.1744490	2.6787394	31000
(43039)	15.0	246.57154	110.43475	248.55493	5.09024	0.1440136	2.5523970	30982	(43091)	12.8	120.31217	248.35105	263.93360	12.96641	0.1567974	3.0409634	31001
(43040)	15.3	302.00874	4.30419	305.91993	5.63747	0.1396312	2.4555256	30983	(43092)	15.4	253.21412	97.49796	242.25823	1.11095	0.0845245	2.8700290	31001
(43041)	14.2	226.18008	336.07755	46.82409	14.23780	0.1880159	2.6215434	30983	(43093)	13.6	172.94498	159.01822	256.09582	9.79570	0.0503847	3.0538279	31001
(43042)	14.5	245.67608	319.26228	56.37318	14.82518	0.2036774	2.5286781	30984	(43094)	13.3	240.55140	157.41328	226.28019	13.25331	0.1897275	2.5738952	31002
(43043)	15.1	297.78516	50.25666	248.01455	5.80083	0.0535468	2.7496617	30984	(43095)	13.0	131.68415	10.25630	100.40997	10.52238	0.0286494	3.1797701	31002
(43044)	14.7	235.05615	97.94384	273.37543	5.23214	0.0471062	2.7202734	30984	(43096)	15.2	336.35237	21.34563	274.35303	7.53865	0.2512051	2.3442410	31003
(43045)	14.5	131.21980	45.99997	45.15920	12.36796	0.1092580	3.0939940	30985	(43097)	14.8	256.07241	178.41587	174.51683	7.13560	0.0479125	2.7453655	31003
(43046)	15.4	304.54874	72.35091	278.05967	3.05215	0.1765488	2.2797617	30985	(43098)	15.4	296.50561	128.91586	208.28429	10.63548	0.2408398	2.4289179	31003
(43047)	15.6	252.29844	214.79042	146.35808	1.01219	0.1824490	2.5197142	30985	(43099)	13.7	184.55878	264.05537	152.06398	3.54887	0.0064292	3.0140469	31003
(43048)	15.1	239.43446	122.62960	245.38519	0.79481	0.0993140	2.6169271	30986	(43100)	13.9	208.04579	316.00605	97.59544	8.95741	0.3831568	2.7508270	31004
(43049)	15.4	338.06101	206.88147	58.66188	2.86684	0.0574630	2.6694456	30986	(43101)	15.4	224.00010	227.17306	203.49325	6.62322	0.2267824	2.2936829	31004
(43050)	13.8	64.40830	144.38858	56.61623	12.96593	0.2021218	2.6909464	30986	(43102)	13.9	221.16187	345.89529	33.60404	11.30867	0.1522358	2.6043219	31005
(43051)	14.5	349.25251	54.50856	190.16077	1.66723	0.0506289	2.9369208	30987	(43103)	15.6	240.41497	158.55382	218.18167	5.98596	0.2067783	2.4724173	31005
(43052)	16.3	325.38213	264.49964	55.02017	2.81401	0.1655257	2.3231182	30987	(43104)	13.7	331.60546	159.27433	113.39670	9.15525	0.0731988	2.7877064	31005
(43053)	14.2	266.38951	288.02350	107.60165	13.17677	0.1804407	2.5540586	30988	(43105)	14.6	243.58319	300.73992	63.87574	10.55429	0.1362342	2.6150747	31006
(43054)	15.5	313.91648	278.59532	28.35101	2.42678	0.2277522	2.3536489	30988	(43106)	14.9	150.84156	229.23410	215.45823	8.85503	0.0282583	2.9624730	31006
(43055)	14.8	182.17640	19.30858	27.99125	15.62660	0.0371403	2.7014825	30988	(43107)	13.7	124.68669	267.09636	238.87640	9.07718	0.1136981	2.5619664	31006
(43056)	15.2	182.01002	22.93249	26.68705	1.99281	0.0558319	2.8458218	30989	(43108)	15.3	152.25144	160.11021	279.28968	0.84481	0.0417099	2.8894899	31007
(43057)	15.2	190.82302	211.29578	199.52121	4.21166	0.1184077	2.6214367	30989	(43109)	14.9	246.24606	223.80504	139.74221	2.52343	0.1025770	2.7121647	31007
(43058)	14.6	51.75257	193.39651	15.33371	2.17895	0.1466327	2.4124805	30989	(43110)	12.8	59.75084	80.58093	91.73491	10.94180	0.1324932	3.2197542	31008
(43059)	15.8	321.70855	46.44059	230.31768	1.14740	0.0781676	2.5487735	30990	(43111)	14.3	71.00465	338.58106	187.55233	5.35705	0.0856045	3.1882881	31008
(43060)	15.8	336.95409	237.95541	35.55506	1.73751	0.1604834	2.4156463	30990	(43112)	13.4	193.44483	293.24880	133.65292	10.60988	0.0661257	2.9784385	31009
(43061)	15.9	282.61095	296.72432	30.77540	5.70751	0.1536631	2.4470306	30990	(43113)	13.4	270.23723	87.15447	260.80147	8.60650	0.1191991	3.0218570	31009
(43062)	15.2	329.46781	225.13381	53.82395	5.43095	0.2068501	2.5529792	30991	(43114)	13.0	10.65074	215.96114	358.26401	12.52949	0.0272368	2.8973855	31009
(43063)	16.6	342.06740	219.64793	72.76365	3.00243	0.2339409	2.3555384	30991	(43115)	15.1	234.50801	159.98415	226.56893	11.40344	0.1944938	2.6410294	31010
(43064)	14.1	15.45437	302.48158	310.28434	7.64732	0.0883291	2.3898871	30991	(43116)	14.7	226.63147	178.23831	206.77845	6.85981	0.2011141	2.7557970	31010
(43065)	14.6	263.45119	302.13352	2.30449	11.18956	0.2416332	2.4324241	30992	(43117)	15.0	294.07837	68.14178	247.99041	4.96985	0.1553177	2.5832866	31010
(43066)	15.3	319.75733	203.14802	115.50688	5.10531	0.1757804	2.2988176	30992	(43118)	13.8	180.60066	155.33022	250.48162	8.37846	0.0664680	2.9741461	31011
(43067)	16.7	324.17784	287.38932	357.56768	2.09785	0.1750539	2.4682467	30993	(43119)	14.1	131.58633	198.03798	250.71290	4.16118	0.1204580	3.1600029	31011
(43068)	14.8	223.43899	97.72991	265.92435	3.63714	0.0909781	2.7762307	30993	(43120)	15.1	339.50412	52.38034	249.40049	7.22837	0.1244569	2.4360356	31012
(43069)	15.5	334.80379	29.61779	246.77325	4.01386	0.2010801	2.5479730	30993	(43121)	14.4	216.48285	39.98793	339.28219	1.33587	0.0554417	2.9187731	31012
(43070)	14.1	35.67251	273.82630	279.26959	1.47457	0.0332764	2.9988966	30994	(43122)	15.3	355.86489	205.64316	74.93231	6.24604	0.0766590	2.5259196	31012
(43071)	14.7	195.51879	341.50892	67.72784	6.49175	0.0627364	2.7342677	30994	(43123)	13.9	13.77679	176.99552	80.27437	8.84459	0.1737650	2.5724896	31013
(43072)	15.0	351.15207	195.90889	91.54798	7.04316	0.1593755	2.2954748	30994	(43124)	15.3	260.37251	243.26032	101.26610	1.80130	0.0819968	2.7804124	31013
(43073)	15.8	307.81884	249.88646	59.57364	7.36687	0.1801405	2.4232929	30995	(43125)	14.0	271.45012	252.65051	90.52990	7.71710	0.1091410	2.7068526	31013
(43074)	15.0	107.13865	291.63314	203.42847	5.65265	0.0396339	2.9085398	30995	(43126)	14.1	128.39919	297.87478	165.12835	0.41915	0.1542813	3.2081497	31014
(43075)	14.0	66.05045	306.56248	223.97665	8.48302	0.0129466	2.9851856	30995	(43127)	14.2	182.55342	183.55287	214.53253	4.56626	0.0421914	3.2537425	31014
(43076)	15.8	277.97069	182.43751	147.44177	2.89654	0.1378506	2.7265805	30996	(43128)	14.9	279.29029	241.69483	98.06221	4.63267	0.2724980	2.5362704	31014
(43077)	15.3	347.10836	83.78928	203.07038	4.30283	0.0624806	2.5358521	30996	(43129)	14.4	291.81421	75.33804	246.23272	5.03577	0.0785580	2.8038269	31015
(43078)	15.3	293.11076	73.52228	252.16636	5.21653	0.1406553	2.3864621	30996	(43130)	13.9	74.48800	112.51005	84.89738	7.01089	0.0396075	2.7414966	31015
(43079)	15.2	179.39027	283.14023	133.27239	10.03345	0.0658753	2.9282389	30996	(43131)	15.0	273.89447	143.54739	207.75176	0.98228	0.1710491	2.6166691	31016
(43080)	15.3	248.46362	169.59418	189.08838	15.18103	0.0551680	2.6209979	30997	(43132)	14.0	284.07358	273.94974	85.68797	14.68671	0.0751157	2.5609624	31016
(43081)	15.1	323.21620	239.33412	75.88934	5.78160	0.1947629	2.1946287	30997	(43133)	14.4	303.22199	236.76834	94.71822	12.72909	0.2047114	2.5506408	31016
(43082)	14.8	28.59147	318.97821	271.07194	7.12057	0.1001068	2.5427464	30997	(43134)	13.9	212.78767	311.58197	92.85076	8.16800	0.2166561	2.7949592	31016
(43083)	14.0	28.82008	15.32643	221.62910	4.44008	0.1556732	2.4827621	30998	(43135)	13.9	220.90615	122.32317	259.03820	6.70888	0.1608994	2.9917125	31017
(43084)	13.1	187.74636	314.51314	109.49843	18.51748	0.2773978	2.6617714	30998	(43136)	13.4	86.94950	79.67169	110.41651	11.46754	0.0790543	2.9960732	31017
(43085)	14.9	79.75341	287.11148	234.51854	10.39200	0.0353224	2.7506415	30999	(43137)	12.9	259.54579	66.13523	282.01866	10.44930	0.1054291	3.1382241	31018
(43086)	14.9	188.39692	291.60585	119.13658	2.74107	0.1470795	2.9164172	30999	(43138)	14.2	355.78159	198.81580	97.24359	12.56354	0.0639167	2.7360864	31018

(43139)	12.7	201.46800	120.05333	284.21002	14.88169	0.0879501	3.1912444	31018	(43191)	13.0	245.43422	268.49896	82.78899	15.32274	0.1724305	3.0675337	31037
(43140)	13.3	296.56794	84.52333	269.09536	13.28075	0.1364816	2.6155745	31019	(43192)	14.1	246.20548	286.12795	80.99833	16.44515	0.1244127	2.6867469	31038
(43141)	13.9	20.55005	192.94068	106.37358	11.40822	0.1062037	2.5166106	31019	(43193)	14.9	164.62175	6.35943	98.27615	2.56328	0.1316593	3.0645715	31038
(43142)	13.2	247.95596	306.64403	100.92369	14.42220	0.1892336	2.5921116	31019	(43194)	14.5	326.63194	106.27899	184.08404	1.33417	0.1624929	3.1299218	31038
(43143)	13.5	62.13519	273.02500	265.38811	14.18966	0.0360139	3.1038083	31020	(43195)	13.9	274.77401	34.94236	276.92072	7.10939	0.0663227	3.2069529	31039
(43144)	14.1	261.90542	103.19233	261.83754	12.06837	0.2243268	2.5703649	31020	(43196)	15.1	7.85692	357.33443	336.06287	5.70519	0.1738653	2.3029378	31039
(43145)	13.1	165.73070	1.32584	80.29380	12.05148	0.0280883	3.0537277	31021	(43197)	15.8	23.54650	243.68311	67.57013	2.20881	0.1915067	2.3841397	31039
(43146)	13.2	302.53110	226.20673	91.46906	9.78183	0.0812431	2.9589432	31021	(43198)	13.4	195.98323	141.78547	310.20208	8.55421	0.0364885	2.9898406	31039
(43147)	14.4	249.89812	335.03735	33.65674	4.60930	0.2747768	2.5846166	31022	(43199)	12.6	261.79088	227.32223	86.08921	9.14941	0.0534422	3.1098558	31040
(43148)	14.2	219.88965	276.98108	116.47943	13.60498	0.3766704	2.7412633	31022	(43200)	15.5	318.28354	252.51292	83.74518	8.68292	0.1888416	2.3057460	31040
(43149)	14.5	316.23545	36.44673	240.79427	10.25471	0.1154840	2.7190840	31022	(43201)	14.1	286.22585	230.80210	99.83255	12.81939	0.1835160	2.6488348	31041
(43150)	15.8	296.57287	123.85431	208.37424	4.96121	0.2474380	2.3730769	31023	(43202)	11.8	101.40621	43.60208	95.59135	23.80786	0.1061226	2.3695413	31041
(43151)	13.4	173.21073	176.43361	290.65635	14.26130	0.1006379	2.5421997	31023	(43203)	14.9	245.32495	221.20629	146.54319	4.95560	0.2299491	2.6840462	31041
(43152)	13.0	34.98592	292.66105	266.97585	8.45196	0.1737780	3.1550723	31023	(43204)	13.5	128.86099	0.19867	107.95030	9.72378	0.0816750	3.1741388	31042
(43153)	14.4	288.40960	37.76394	281.04528	3.98546	0.0467020	2.7198537	31024	(43205)	13.8	34.05146	118.73061	85.14132	15.43546	0.0500088	3.0903403	31042
(43154)	14.9	200.08764	0.25466	42.87084	6.65384	0.0665694	2.7991870	31024	(43206)	13.6	253.48130	249.70773	104.19139	9.71472	0.1024903	2.9887802	31042
(43155)	13.3	46.04239	288.90904	259.29335	9.13427	0.0621788	2.9839440	31025	(43207)	15.0	208.80120	340.32891	115.57740	9.17235	0.1327871	2.5707261	31043
(43156)	14.3	223.65634	116.04247	269.76301	5.58342	0.0775741	2.7271016	31025	(43208)	12.4	233.89244	241.77577	61.21563	17.57112	0.2173673	3.1081156	31043
(43157)	14.0	114.16998	276.29368	260.32669	12.57610	0.0155852	2.4554107	31026	(43209)	15.3	305.16189	87.93787	233.38679	8.07445	0.2289150	2.3369344	31043
(43158)	15.1	255.64757	9.60288	28.85729	2.65220	0.2015205	2.3793773	31026	(43210)	14.5	334.18899	208.77960	99.49127	6.03075	0.1806050	2.3047950	31044
(43159)	14.8	179.97522	58.43334	3.05225	2.02194	0.0182795	2.9069306	31026	(43211)	14.5	22.96959	24.01763	240.82746	11.69033	0.1276746	2.6567921	31044
(43160)	13.5	25.84291	253.61052	304.34202	9.03477	0.0381368	3.0005973	31027	(43212)	12.3	61.08397	258.47036	223.23892	6.49177	0.0596063	5.2460506	31045
(43161)	13.7	94.74642	260.79256	271.34812	11.35690	0.1095702	2.6899551	31027	(43213)	13.6	233.65387	85.83180	287.79829	6.15656	0.0625489	3.1547695	31045
(43162)	14.9	299.33663	25.75649	281.23495	7.61890	0.0663019	2.7697294	31027	(43214)	13.2	312.88032	284.86317	15.19542	5.01276	0.1392544	3.1868105	31045
(43163)	13.5	264.31994	53.45150	269.75781	11.85816	0.0413663	3.0333802	31028	(43215)	14.4	330.87227	202.69799	94.08973	7.99198	0.1187314	2.3511194	31045
(43164)	14.2	196.84651	165.09357	235.79595	9.22783	0.0958478	2.9785202	31028	(43216)	15.0	346.81750	187.31424	107.12094	7.71946	0.1211435	2.3010372	31046
(43165)	14.7	343.21879	184.57860	107.65162	8.00995	0.1900747	2.5837447	31028	(43217)	14.8	303.68650	218.55714	125.08609	7.55019	0.1479526	2.2717455	31046
(43166)	14.5	271.74527	210.46455	135.82776	4.63554	0.1247381	2.7405333	31029	(43218)	13.0	237.25267	141.29024	275.85489	9.20306	0.0851455	2.9968031	31047
(43167)	14.3	221.83525	148.29644	239.88408	8.48519	0.1775227	2.8591117	31029	(43219)	14.3	134.32533	289.66937	202.33222	9.68401	0.0410218	2.9848767	31047
(43168)	13.9	319.63712	31.50795	264.81652	11.63728	0.1540793	2.6944094	31029	(43220)	14.1	119.05018	286.44169	217.21008	12.04721	0.0520253	3.2329089	31047
(43169)	13.8	225.05851	112.31881	273.64937	11.48388	0.1871584	2.6949283	31030	(43221)	14.9	229.51711	0.76800	55.86731	7.02384	0.1088688	2.2980890	31048
(43170)	14.6	152.23458	89.30676	65.33691	4.78503	0.1458669	2.6837782	31030	(43222)	14.8	332.57697	294.24444	22.03013	1.49649	0.1811479	2.4326869	31048
(43171)	13.2	105.16350	89.04874	78.14802	8.93802	0.1631300	3.1390467	31030	(43223)	15.0	314.15762	54.95145	338.89285	3.32550	0.0999446	2.3107380	31049
(43172)	13.1	194.18415	329.91435	87.97437	14.10452	0.1080998	3.1153536	31031	(43224)	14.2	230.94597	194.27255	200.14355	12.76909	0.1648359	2.6742972	31049
(43173)	12.2	312.62194	213.08056	86.58185	16.85722	0.0649219	3.1606696	31031	(43225)	14.4	174.45694	272.18562	152.10039	13.12775	0.2564160	3.1371958	31049
(43174)	13.6	158.16251	87.32812	78.57902	15.96534	0.0646524	2.6540686	31032	(43226)	13.5	21.89796	24.27257	241.34932	13.01272	0.1266310	2.9657687	31049
(43175)	14.2	52.69471	278.81689	356.05576	7.17993	0.2022935	2.2882374	31032	(43227)	13.2	300.53477	165.25418	157.01225	16.49102	0.0187239	3.1396110	31050
(43176)	13.9	236.92395	319.03644	44.08292	11.24709	0.1078012	3.1306570	31032	(43228)	14.2	171.09888	250.05332	181.47347	10.10973	0.0873537	2.9710620	31050
(43177)	13.3	81.92259	94.65520	58.28783	14.49922	0.0366919	3.2188991	31033	(43229)	13.5	66.38819	47.53838	132.78970	11.64258	0.0723387	3.1982110	31050
(43178)	13.8	291.02320	300.76647	12.47225	6.33752	0.1070453	3.0994087	31033	(43230)	14.1	180.30631	190.66744	228.71347	11.46738	0.1889871	3.1134978	31051
(43179)	13.3	302.76478	239.94880	74.44466	17.11081	0.0830892	3.1394406	31033	(43231)	12.1	26.79822	12.29981	227.90112	13.36684	0.1713619	3.1562796	31051
(43180)	14.8	89.40792	117.56355	77.15438	17.36079	0.1199243	3.1177636	31034	(43232)	14.4	244.50632	148.05536	220.93140	7.02331	0.3458701	2.7102551	31051
(43181)	13.5	217.63850	326.63533	63.87310	14.28795	0.2214053	3.1451507	31034	(43233)	14.0	267.74632	108.49799	245.05561	9.56953	0.1242676	2.9706422	31052
(43182)	15.0	296.75426	251.86362	104.47921	6.81339	0.1935021	2.2640657	31034	(43234)	14.5	232.52726	269.65097	106.85276	14.30040	0.1387895	2.6194642	31052
(43183)	14.0	236.53352	162.28424	198.65799	10.71857	0.0279841	3.0630188	31035	(43235)	14.0	316.65606	77.80333	266.75152	12.11974	0.0810264	2.8354051	31052
(43184)	14.0	76.13130	9.82372	154.76804	10.12776	0.0370380	3.1045779	31035	(43236)	13.8	62.36830	314.82687	264.49353	11.16865	0.0538736	3.2295100	31053
(43185)	14.1	322.73059	28.00759	287.82002	8.65957	0.1225223	2.5491030	31035	(43237)	14.7	255.84796	214.56969	175.11055	10.52379	0.1166301	2.9719124	31053
(43186)	14.8	270.91912	78.81138	253.81826	8.51037	0.2149884	2.5555654	31036	(43238)	15.5	255.50718	171.51680	183.60859	5.04057	0.2300205	2.5204946	31053
(43187)	14.4	273.06162	219.34440	131.38160	8.50257	0.1320766	2.6060320	31036	(43239)	14.9	347.30936	22.86068	239.14211	0.97238	0.2247294	3.0327501	31053
(43188)	14.4	246.87807	241.27438	124.74734	6.39037	0.0907219	2.7399314	31036	(43240)	13.3	335.60729	39.50140	227.81232	13.96899	0.1365057	3.0968733	31054
(43189)	14.8	261.55144	138.68313	205.21123	3.46943	0.0968333	2.7570262	31037	(43241)	14.6	172.20824	344.87880	79.44973	5.84639	0.1596708	2.7425254	31054
(43190)	14.3	303.15008	88.88933	223.27479	8.07076	0.1602045	2.6177876	31037	(43242)	14.5	242.24170	165.31639	220.52363	21.29278	0.0731483	2.6431553	31054

(43243)	14.8	273.86507	211.92330	126.63077	2.25829	0.1696229	3.1213037	31055	(43295)	15.3	108.73445	319.37808	11.84408	6.94698	0.1933787	2.2545344	31072
(43244)	14.3	304.61918	198.48694	117.14319	2.49222	0.1917009	3.1316293	31055	(43296)	15.5	13.83567	178.06211	209.58407	7.00358	0.2074128	2.4284092	31073
(43245)	13.3	141.60071	162.89189	40.68607	9.03840	0.2446332	2.7266037	31055	(43297)	16.5	358.88600	200.13113	209.12237	5.20335	0.0907924	2.3129989	31073
(43246)	14.6	263.35497	312.90499	81.10380	6.31521	0.2192230	2.5551842	31056	(43298)	14.4	82.44620	100.33705	200.74313	8.38857	0.1411698	2.8102576	31073
(43247)	14.2	175.63982	356.61990	97.77009	3.45286	0.0596062	3.1296228	31056	(43299)	16.3	123.84519	89.87262	203.70003	1.00881	0.1741558	2.5195374	31074
(43248)	14.4	17.42471	166.65008	132.65105	10.33575	0.1484878	2.7844753	31056	(43300)	14.8	264.88394	54.83797	83.00004	7.29654	0.0587298	2.3483335	31074
(43249)	13.7	243.69307	300.40802	55.19677	11.16666	0.1854536	3.0488887	31056	(43301)	15.0	258.22735	339.21947	163.43950	7.03114	0.1366534	2.3624792	31074
(43250)	14.3	230.15474	307.73768	111.30238	12.91565	0.1253741	2.5262087	31057	(43302)	14.5	69.07098	125.14254	217.64624	5.21500	0.1173044	2.3970854	31074
(43251)	13.4	227.47544	244.63540	134.06955	11.34458	0.1154152	3.1566693	31057	(43303)	14.4	11.39543	165.18275	192.37461	12.01579	0.0328280	2.8894887	31075
(43252)	13.9	275.98822	201.32734	134.53865	2.00783	0.1678776	3.1878542	31057	(43304)	13.8	54.48377	189.60203	170.35830	13.11396	0.1630555	2.5623968	31075
(43253)	15.8	216.09677	322.30155	143.65179	2.55307	0.0052311	2.6262855	31058	(43305)	13.7	66.60309	268.15794	81.57301	14.24516	0.2376019	2.5280152	31076
(43254)	15.3	4.38497	111.98091	205.62275	2.70650	0.0467337	2.6313596	31058	(43306)	13.7	53.17868	49.07607	292.47158	5.14412	0.1441177	2.3602345	31076
(43255)	14.7	80.47939	114.07641	200.30669	6.44791	0.1680635	2.3394136	31058	(43307)	15.3	78.76640	119.90130	236.34855	1.71319	0.1870760	2.3927989	31077
(43256)	14.6	186.39050	103.96906	15.08033	1.85904	0.0389840	2.9279003	31059	(43308)	15.5	2.01428	311.02585	101.62418	6.86686	0.0828180	2.3029558	31077
(43257)	15.2	151.98263	261.43038	322.66818	6.50414	0.0712647	2.3420633	31059	(43309)	15.7	350.98465	115.44829	330.91619	2.44219	0.0466221	2.1743910	31077
(43258)	14.0	264.80266	269.18943	156.64070	5.68340	0.0464027	2.7419046	31059	(43310)	14.9	230.80517	56.39440	130.44023	12.51873	0.1306489	2.3889599	31078
(43259)	12.7	118.09838	150.07458	132.84456	10.76052	0.1724536	2.5798075	31060	(43311)	14.8	121.13380	109.22121	220.68390	5.83864	0.1269043	2.3360822	31078
(43260)	13.1	312.22841	232.05281	110.16428	10.45683	0.0894212	3.1651596	31060	(43312)	15.9	195.90243	98.16281	149.67185	4.85067	0.0433887	2.1839628	31078
(43261)	14.2	165.06382	133.26455	112.44853	10.09631	0.1856917	2.3340533	31060	(43313)	15.0	31.91556	321.58112	70.17703	9.90235	0.2217970	2.3805615	31079
(43262)	13.5	159.89711	110.64149	13.23650	6.38617	0.0971886	3.1711669	31061	(43314)	14.4	35.40842	316.34083	48.79355	10.39028	0.1820960	2.5710092	31079
(43263)	14.6	280.15224	66.89773	314.25762	1.04945	0.0794645	2.8397791	31061	(43315)	15.1	270.56202	11.16455	123.19912	3.10598	0.1398333	2.4008500	31079
(43264)	16.0	335.78638	182.14561	181.11410	4.17450	0.2563091	2.5440806	31061	(43316)	15.0	209.85072	268.60165	290.78922	5.73246	0.0977070	2.3571314	31080
(43265)	16.6	78.38099	173.05088	153.39057	2.65381	0.0932733	2.1952060	31062	(43317)	15.6	253.97906	195.34678	318.96416	1.97992	0.1063753	2.3871305	31080
(43266)	14.3	292.05772	245.75408	115.96520	2.94856	0.0877952	3.0715299	31062	(43318)	14.1	144.03241	35.35802	242.31255	6.06757	0.1016739	2.5666414	31080
(43267)	13.6	332.59069	209.12304	109.75387	6.59704	0.1685699	3.1508182	31062	(43319)	14.3	205.65009	162.70120	61.32402	15.39558	0.1274468	2.4218068	31081
(43268)	15.4	203.89303	177.06646	348.50481	5.83152	0.0454488	2.3481393	31062	(43320)	16.1	354.98610	357.03652	60.92333	2.15029	0.1112123	2.4724126	31081
(43269)	13.7	288.06614	249.35596	123.25838	11.57347	0.1140429	2.9800031	31063	(43321)	14.7	131.94194	352.62565	320.78534	5.46823	0.3107894	2.5588623	31081
(43270)	14.7	68.92000	142.37894	149.87917	12.42366	0.2560053	2.6623152	31063	(43322)	14.1	164.28277	103.83766	91.46054	14.99676	0.1505637	2.5490401	31082
(43271)	14.6	334.99192	219.53521	133.15760	6.46482	0.0863541	2.7477763	31063	(43323)	15.2	280.07001	41.86636	105.08310	7.51298	0.1086395	2.3008498	31082
(43272)	14.6	108.67121	193.34833	95.08348	10.85900	0.1148163	2.3661828	31064	(43324)	13.8	337.04806	184.25134	234.59661	13.09998	0.1935494	2.7178557	31082
(43273)	15.8	157.57934	100.87973	163.38461	5.01816	0.0621069	2.2473535	31064	(43325)	13.6	184.95374	139.73880	72.22442	9.41372	0.1970063	2.7166837	31083
(43274)	15.2	175.70588	69.81264	143.69963	2.46565	0.1303675	2.4264917	31064	(43326)	15.5	231.00270	355.13182	269.96564	3.17524	0.1093754	2.1704448	31083
(43275)	13.0	86.27212	325.32975	336.64569	11.86379	0.1714688	2.5823349	31065	(43327)	14.0	76.20956	160.64177	183.61929	9.02446	0.1579216	2.7639586	31083
(43276)	14.4	349.70912	105.86307	299.30138	6.97773	0.1402382	2.2903707	31065	(43328)	14.9	110.39206	251.15514	150.72729	6.52803	0.2388632	2.3563572	31084
(43277)	12.3	92.64155	246.82886	8.82365	13.99878	0.1184130	3.1649362	31066	(43329)	15.8	148.56764	1.28249	355.65766	2.96113	0.1585113	2.2705526	31084
(43278)	13.2	57.32093	351.49961	325.76457	20.34895	0.2511264	2.6263785	31066	(43330)	15.1	243.99005	43.04374	187.94338	6.77278	0.1451365	2.3195824	31084
(43279)	14.5	51.63254	262.74431	37.21020	2.94636	0.0136752	2.9081796	31066	(43331)	15.2	102.39534	341.76739	155.79094	24.53149	0.0759540	1.9182962	31085
(43280)	16.6	289.05760	311.54577	145.31113	4.86623	0.0682144	2.3291408	31067	(43332)	14.4	174.71074	347.65851	329.21299	12.78901	0.2073367	2.4419881	31085
(43281)	14.8	155.47582	151.32486	114.63420	8.27570	0.1081828	2.2930953	31067	(43333)	14.0	195.36592	242.74577	72.30890	6.89099	0.2294516	2.2847888	31086
(43282)	15.8	168.24525	60.08840	192.00701	5.56608	0.1240605	2.2388642	31067	(43334)	15.5	194.70266	265.23750	145.92645	17.82160	0.0720497	1.9159185	31086
(43283)	14.5	278.54384	178.01519	211.30725	13.55268	0.2671489	2.6925692	31068	(43335)	14.3	183.57358	268.88960	66.53691	2.31087	0.2015672	2.4261708	31086
(43284)	14.7	218.77884	27.54143	162.55832	9.06280	0.1358917	2.2961057	31068	(43336)	14.6	110.62125	224.03449	234.95701	10.63509	0.1342135	2.5850400	31087
(43285)	15.3	220.40541	261.27697	260.08780	5.57784	0.0983207	2.4144249	31068	(43337)	14.3	131.16403	35.21737	68.41918	8.55647	0.1580771	2.2666332	31087
(43286)	13.6	59.20621	75.48098	245.66633	6.45523	0.1565644	2.6168114	31069	(43338)	14.3	77.69197	345.27661	156.97011	4.24245	0.2003136	2.5834752	31088
(43287)	13.8	110.00682	158.79283	108.18302	14.64324	0.1379765	2.5734984	31069	(43339)	14.8	167.29706	202.02997	227.18008	4.25079	0.1420470	2.2021869	31088
(43288)	14.6	156.33367	166.14031	92.39512	6.24132	0.1399295	2.2751047	31069	(43340)	14.7	212.65406	20.39561	257.22600	5.46234	0.1064242	2.7832939	31088
(43289)	14.1	84.55270	132.94205	170.53765	15.05967	0.1951032	2.6443569	31070	(43341)	13.0	267.81238	220.16765	68.96269	15.96613	0.0976790	2.5672176	31089
(43290)	13.9	108.03086	266.26976	326.52878	10.04376	0.1537107	3.2076629	31070	(43342)	12.4	68.32155	42.27279	55.50079	22.41055	0.0539307	3.1215956	31089
(43291)	13.4	60.63492	43.48176	246.09613	8.04419	0.0768745	3.0957458	31071	(43343)	13.0	74.19315	107.15489	299.12144	15.10319	0.2397933	3.1037908	31090
(43292)	13.5	94.68115	34.13316	256.87762	7.41709	0.1329793	2.7421389	31071	(43344)	15.5	337.39335	213.30517	314.31791	5.72620	0.0739133	2.3927647	31091
(43293)	13.7	37.60012	82.16416	235.84240	5.95331	0.0721849	3.1633118	31072	(43345)	14.0	162.70765	48.23236	265.48850	13.72383	0.1703778	2.6351257	31091
(43294)	13.9	170.03334	107.74837	104.06865	15.99203	0.1912736	2.5430184	31072	(43346)	14.1	239.25949	350.52165	277.30506	8.49128	0.1891306	2.3928664	31091

(43347)	13.8	178.11150	24.30255	306.27374	10.99973	0.1977184	2.5871124	31092	(43399)	14.8	96.40571	203.20295	278.66523	4.12053	0.1986626	2.5365444	31110
(43348)	16.1	243.70182	69.68908	196.06761	1.80716	0.1846121	2.3849230	31092	(43400)	15.2	137.56935	6.82067	84.97100	4.95464	0.0627815	2.2994372	31110
(43349)	14.3	214.74474	47.14248	306.15484	6.00376	0.2575101	2.3290866	31093	(43401)	15.5	90.67335	106.03767	25.88181	2.71553	0.0784056	2.4331492	31111
(43350)	15.3	182.77409	338.42479	75.30251	6.12765	0.1723675	2.2921925	31093	(43402)	15.4	106.33569	189.98113	292.63447	5.66627	0.0643496	2.4014623	31111
(43351)	15.2	105.52700	101.17740	7.77074	4.99669	0.0922124	2.1806766	31093	(43403)	14.8	145.88771	358.70081	72.61149	9.10211	0.1993176	2.4268725	31111
(43352)	15.6	84.68081	20.48426	76.83246	3.53311	0.1434056	2.4316393	31094	(43404)	15.5	66.49126	268.09548	247.06374	6.20171	0.1278232	2.4766068	31111
(43353)	14.1	25.58482	116.76326	54.90319	13.64240	0.1433537	2.4471661	31094	(43405)	14.5	1.34737	201.37276	31.91720	12.94968	0.0620510	2.4078373	31112
(43354)	12.0	157.42670	290.55245	59.63003	22.57570	0.0946728	3.1518567	31094	(43406)	14.0	130.50756	45.16912	49.75374	12.81962	0.1326906	2.5267792	31112
(43355)	15.0	50.39583	299.97249	231.98611	24.10440	0.1803976	2.2901910	31095	(43407)	15.4	36.55767	20.15119	154.05552	6.06396	0.1036072	2.3196342	31113
(43356)	13.9	71.80196	256.53097	241.06894	22.37591	0.3039217	2.5918984	31095	(43408)	15.4	161.42200	98.63063	332.28321	2.42196	0.1262394	2.3888354	31113
(43357)	15.9	358.21160	38.52436	212.10506	20.66711	0.0540808	1.9239212	31096	(43409)	15.2	320.21381	173.74536	92.66166	7.66781	0.0893324	2.4227257	31113
(43358)	14.9	192.47775	226.10042	93.35548	3.30457	0.0675722	2.9305589	31096	(43410)	15.6	52.36928	80.49283	93.90482	2.71020	0.0755664	2.5275652	31114
(43359)	15.0	93.03412	151.87844	340.37153	1.85134	0.0856110	2.1748520	31096	(43411)	14.3	178.61245	326.15933	84.65104	16.01175	0.0849989	2.5410436	31114
(43360)	14.9	329.18770	28.83670	215.29753	5.33817	0.1257894	2.2529884	31097	(43412)	15.2	167.20063	27.72795	33.88108	7.24218	0.0895754	2.3827825	31114
(43361)	15.2	41.17180	320.71691	223.38465	3.97656	0.1012515	2.2590808	31097	(43413)	16.1	245.03050	339.78202	17.88287	6.13553	0.1468295	2.1295779	31114
(43362)	15.0	202.25562	341.68613	67.20900	3.80333	0.1617639	2.1770657	31097	(43414)	15.7	206.76210	234.38796	155.90865	4.08694	0.1665446	2.2606262	31115
(43363)	14.7	107.51339	44.91286	78.40650	10.16759	0.1420486	2.3720423	31098	(43415)	14.4	80.77255	269.46539	279.10835	4.94120	0.0713883	2.2959799	31115
(43364)	15.0	179.37541	227.38588	187.12654	4.49051	0.1698277	2.2264941	31098	(43416)	14.0	33.91002	94.57551	129.95796	13.94998	0.1184082	2.5740943	31115
(43365)	15.5	163.75285	317.41837	119.17211	6.70180	0.1168438	2.2389781	31099	(43417)	15.0	202.34617	146.47474	246.84099	6.03243	0.1778820	2.3238548	31116
(43366)	15.0	120.04659	35.21894	75.47305	4.18032	0.1344596	2.4427552	31099	(43418)	15.6	137.23008	118.49330	325.98609	8.32939	0.0497928	2.3870784	31116
(43367)	13.4	248.88466	248.67688	46.75128	15.60990	0.1139704	2.5650610	31099	(43419)	14.4	101.40151	60.05326	72.93160	22.71321	0.0768570	2.6345731	31116
(43368)	13.9	159.18988	347.38160	3.30229	26.19431	0.1923199	2.2868527	31100	(43420)	14.8	46.98241	146.65477	12.58641	6.95161	0.0848898	2.5914096	31117
(43369)	15.2	233.69529	245.43824	141.57597	27.77088	0.1487117	1.9217848	31100	(43421)	14.3	70.25854	260.01007	289.09903	22.67041	0.2497127	2.3116627	31117
(43370)	14.7	23.98680	227.44012	308.09440	7.00713	0.1237026	2.5580157	31100	(43422)	16.0	161.05072	30.96060	40.67960	7.56815	0.0779661	2.3363580	31117
(43371)	15.6	197.66166	14.02845	10.64328	4.31238	0.1814573	2.1754234	31100	(43423)	14.1	97.02867	95.34270	0.98636	21.61905	0.0617208	2.7153584	31118
(43372)	13.9	319.11211	192.58100	93.00792	24.60457	0.1935413	2.3531218	31101	(43424)	14.8	52.43845	109.38720	91.46540	23.45833	0.1728793	2.3356743	31118
(43373)	15.1	243.44913	54.04388	254.48842	4.10910	0.1083774	2.4662473	31101	(43425)	15.3	37.74179	335.90569	218.81251	6.46519	0.0554983	2.2756287	31118
(43374)	15.7	155.46173	291.26797	136.27975	5.96630	0.0752448	2.2511738	31101	(43426)	14.2	148.64368	139.53895	298.69517	7.16465	0.1188504	2.2826037	31119
(43375)	15.1	157.91612	327.90799	101.46766	8.99920	0.1584341	2.2387646	31102	(43427)	14.0	52.09987	275.78863	273.23635	11.26475	0.2745801	2.7351727	31119
(43376)	14.8	71.82411	350.55006	168.37345	5.17874	0.1369038	2.4293474	31102	(43428)	14.9	286.42015	41.02559	264.56475	3.91559	0.1362281	2.2821804	31119
(43377)	15.5	150.70512	205.78151	224.50181	8.67425	0.1379015	2.4260452	31102	(43429)	13.6	47.15017	47.90697	120.83123	26.89738	0.2122967	2.6486894	31120
(43378)	15.4	9.74449	5.56528	211.58949	5.83358	0.1381211	2.2543459	31103	(43430)	14.3	349.03321	123.80096	105.48849	14.89520	0.0850979	2.7676927	31120
(43379)	15.4	69.21666	1.60925	154.90006	4.30128	0.1366214	2.3299238	31103	(43431)	15.2	246.55868	48.12828	309.25545	7.40117	0.2005995	2.2118121	31120
(43380)	15.9	90.09947	330.70290	159.79929	3.84223	0.0347420	2.3541725	31103	(43432)	15.3	124.44054	39.56362	75.05516	5.37378	0.0507325	2.2487467	31121
(43381)	15.7	37.23206	42.84275	151.78599	3.71612	0.1122302	2.2876283	31104	(43433)	15.3	73.76210	320.56900	191.74495	2.81823	0.1257141	2.5970188	31121
(43382)	13.2	21.93915	97.50489	119.78420	10.72370	0.2360114	3.0850484	31104	(43434)	15.2	121.65852	349.20308	115.79083	2.79353	0.1082900	2.3941879	31121
(43383)	15.9	48.47331	281.45826	242.70420	5.56829	0.1841755	2.5441126	31104	(43435)	14.5	160.63079	182.51248	224.62618	2.32035	0.1639391	2.5222994	31122
(43384)	14.9	196.55626	108.73814	296.57253	6.39601	0.1201831	2.2820261	31105	(43436)	12.2	308.72179	76.64604	125.12470	8.32780	0.0075752	5.2427394	31122
(43385)	14.7	184.17523	330.44594	89.13500	7.36853	0.0860514	2.3200637	31105	(43437)	14.9	54.47972	47.99041	132.77248	5.99222	0.0761510	2.5704835	31122
(43386)	15.9	112.92196	305.86896	162.69192	2.46228	0.1717505	2.3901198	31105	(43438)	14.5	138.30779	329.92447	105.95762	11.80577	0.0693181	2.6366892	31123
(43387)	15.1	127.32894	219.31811	245.97812	4.16651	0.1568104	2.2988592	31106	(43439)	15.4	121.20983	4.23543	101.89544	3.06739	0.1082915	2.5757022	31123
(43388)	15.2	43.98480	86.29540	105.24878	7.27211	0.0469758	2.3055133	31106	(43440)	15.7	300.40317	182.71786	120.49811	3.76003	0.0903769	2.3748130	31124
(43389)	14.8	173.97017	332.04298	93.10646	7.96380	0.1032180	2.3132233	31106	(43441)	14.9	127.81047	322.84485	124.74828	5.81730	0.1048022	2.7471036	31124
(43390)	11.9	270.21063	143.22290	102.21823	20.30463	0.0886311	3.3744597	31107	(43442)	15.5	54.16622	78.27016	125.10429	5.04691	0.1863357	2.5368200	31124
(43391)	13.5	121.36695	313.75044	118.22165	14.90294	0.1770005	2.4598824	31107	(43443)	15.4	219.61065	275.27494	114.60885	6.53315	0.0846994	2.2477283	31125
(43392)	15.9	158.69520	23.92704	32.78470	2.07225	0.1343258	2.4093019	31108	(43444)	15.5	315.04216	47.62476	227.34790	5.10837	0.0890620	2.2497006	31125
(43393)	15.4	256.35282	41.96134	296.29958	3.88281	0.0498230	2.2581408	31108	(43445)	15.7	2.09451	139.72452	82.86857	8.55887	0.0647511	2.3750766	31125
(43394)	13.2	109.84863	27.95422	79.44295	12.11058	0.1432394	2.6919410	31108	(43446)	15.1	110.77710	217.23866	256.81807	6.02618	0.0572752	2.3493922	31126
(43395)	14.3	167.00690	318.81162	90.13660	16.18474	0.1178762	2.6593096	31109	(43447)	15.5	84.12365	278.55597	235.23368	4.90705	0.0621161	2.3017185	31126
(43396)	15.8	92.48710	91.72026	38.18451	0.57164	0.1173725	2.3399271	31109	(43448)	16.0	109.02914	187.20470	293.96761	1.47345	0.1326842	2.3961850	31126
(43397)	15.9	58.08376	321.17172	204.14198	0.33051	0.1638542	2.4561524	31109	(43449)	15.7	17.96501	109.83418	109.43402	2.66460	0.1474282	2.3816170	31127
(43398)	15.0	104.10194	50.80202	61.00331	8.17907	0.1565137	2.4741243	31110	(43450)	15.5	335.59113	195.63585	70.86175	1.81536	0.0676189	2.3941456	31127

(43451)	16.1	214.19411	126.20966	261.29692	3.77593	0.0613467	2.3434016	31127	(43503)	12.6	1.88000	100.51493	124.97143	19.65344	0.1068370	3.3752901	31143
(43452)	15.0	358.39508	332.26182	269.57644	3.71027	0.0729671	2.5851345	31128	(43504)	14.4	147.69854	13.23531	75.01108	15.30035	0.0664827	2.6311833	31144
(43453)	13.9	57.26241	319.94023	198.81689	16.91603	0.1098706	3.2154808	31128	(43505)	14.1	129.46165	51.13443	30.08708	12.30505	0.2461952	2.7997236	31144
(43454)	15.3	240.28266	129.95433	225.39297	6.42979	0.1361494	2.3381894	31128	(43506)	13.1	342.25827	176.73382	92.65226	9.30093	0.1523283	3.0630504	31144
(43455)	14.5	189.26139	191.68667	223.72189	6.28910	0.0968691	2.3560174	31128	(43507)	15.1	209.30649	306.27522	74.80633	7.34642	0.1253691	2.3808423	31145
(43456)	14.7	206.15894	303.63928	97.06667	6.93980	0.1669457	2.3113768	31129	(43508)	13.8	321.23075	179.21916	90.39940	17.36843	0.0391113	3.1556708	31145
(43457)	14.9	268.74138	233.93233	109.05913	7.72927	0.1513907	2.3263997	31129	(43509)	14.2	200.68983	323.29470	81.97175	14.44162	0.1034248	2.5590751	31145
(43458)	15.8	170.98930	85.12766	329.49683	3.84278	0.0647483	2.2947007	31130	(43510)	13.5	147.37458	350.91600	110.81072	15.61061	0.1659721	2.6047624	31146
(43459)	14.9	190.29861	319.20307	22.28394	2.21819	0.0252851	3.0557134	31130	(43511)	15.0	72.66190	337.87733	161.36044	1.60171	0.0902431	3.1506660	31146
(43460)	13.0	329.28072	172.69243	108.10238	10.51241	0.0597456	3.1659364	31130	(43512)	14.7	331.86459	183.20279	97.95735	15.22796	0.1115852	2.6409392	31146
(43461)	14.1	143.64725	351.67119	84.22969	7.06677	0.0197972	2.8467098	31131	(43513)	15.1	213.31966	311.06444	75.59484	7.21164	0.1111131	2.3310822	31146
(43462)	14.8	76.44478	222.16718	322.83894	7.65854	0.1323599	2.4613747	31131	(43514)	14.0	203.40764	0.81511	20.57941	9.75821	0.0331928	3.1929967	31147
(43463)	15.1	40.50958	303.58152	278.82570	6.02005	0.0705168	2.3198755	31131	(43515)	14.6	211.86807	249.61104	131.15018	11.46589	0.1098685	2.9636010	31147
(43464)	14.9	257.40940	89.43275	249.83990	5.82999	0.1425837	2.2970142	31131	(43516)	14.2	221.61058	10.58726	5.02900	5.48452	0.1040183	2.9997348	31147
(43465)	15.3	80.03080	331.35914	179.78508	3.32973	0.0382194	2.6215969	31132	(43517)	13.0	195.57027	272.53943	133.73584	10.93758	0.0630974	3.2364597	31148
(43466)	15.3	141.20088	259.27107	181.02219	3.50548	0.1681985	2.6089111	31132	(43518)	14.8	42.60066	92.69110	99.26727	7.99385	0.0733025	3.1984870	31148
(43467)	15.9	222.10688	223.05537	160.62337	4.18904	0.1661990	2.2329230	31132	(43519)	13.9	62.63893	153.17952	20.81033	9.51731	0.0110715	3.0928453	31148
(43468)	14.5	194.00107	321.32359	49.40786	7.16726	0.1028822	2.3834636	31133	(43520)	14.0	285.39973	194.08412	124.99798	11.99190	0.0483183	3.0015016	31148
(43469)	13.2	221.72777	255.51746	71.03067	13.77076	0.2126925	2.6004638	31133	(43521)	14.0	125.39408	7.55197	104.22833	10.44503	0.0874522	3.0863386	31149
(43470)	15.4	10.52126	152.56122	72.23595	7.47103	0.0514424	2.3892758	31133	(43522)	13.2	311.32892	157.41083	146.04740	23.11122	0.0501203	3.0083710	31149
(43471)	15.6	19.26981	245.11506	313.84584	7.97224	0.0939450	2.7617912	31134	(43523)	13.5	265.95032	275.11908	62.96438	13.48962	0.0640661	3.2225214	31149
(43472)	13.2	15.65759	236.95258	322.15393	7.74002	0.1948710	3.1862798	31134	(43524)	14.8	326.93307	181.66983	128.37399	5.90081	0.0913359	2.4448923	31150
(43473)	15.3	300.60952	232.27391	69.52321	7.40884	0.1162900	2.3597434	31134	(43525)	14.0	251.87848	210.09447	131.95190	11.94074	0.0699788	3.0696305	31150
(43474)	15.3	293.17636	239.36389	77.75761	6.37458	0.1533379	2.2584633	31134	(43526)	14.5	280.18183	172.87877	152.71192	4.29993	0.0963366	2.6377458	31150
(43475)	14.9	101.95245	238.88546	236.83739	6.02157	0.1747935	2.7709713	31135	(43527)	14.1	75.44747	109.87941	40.96815	11.40203	0.0635079	3.1669584	31150
(43476)	16.3	352.51435	175.09505	108.87336	8.36344	0.1700343	2.2197598	31135	(43528)	15.3	53.22109	92.09894	89.28709	1.72162	0.0099659	2.6958567	31151
(43477)	14.4	269.34225	216.22613	102.12174	15.95302	0.1306462	2.6013561	31135	(43529)	15.5	324.98773	134.49992	146.15660	3.24414	0.0247958	2.8100701	31151
(43478)	14.6	105.51409	85.19239	70.33188	2.28953	0.1257361	2.4145437	31136	(43530)	13.9	351.66474	102.47129	158.54649	6.96521	0.1139019	3.1393628	31151
(43479)	16.0	223.50584	248.78025	139.03821	7.80112	0.1925935	2.3051497	31136	(43531)	14.1	22.51401	92.37917	168.42013	13.26355	0.1590728	2.6293177	31152
(43480)	14.3	57.85005	32.91001	137.09024	1.92795	0.0953960	3.2392068	31136	(43532)	14.0	170.97952	139.15652	279.52635	1.60464	0.0432536	3.2276945	31152
(43481)	14.0	308.72308	221.63042	82.72192	8.63985	0.2105528	2.7420693	31137	(43533)	14.7	35.10227	270.70736	45.00025	5.15402	0.1651372	2.2867922	31152
(43482)	15.0	201.59868	244.08876	157.45112	5.51716	0.2359531	3.3260046	31137	(43534)	13.2	109.92825	1.87108	131.70498	21.69207	0.1354189	2.8576841	31153
(43483)	13.9	252.40846	190.87304	136.62536	11.26910	0.1289302	2.9856589	31137	(43535)	13.6	178.64032	324.30300	67.52746	3.41266	0.0677337	3.5709520	31153
(43484)	14.8	113.41632	239.95776	270.87758	9.36837	0.1011757	2.3990981	31138	(43536)	14.6	298.04211	149.99326	162.76525	1.85676	0.0907138	3.0586867	31153
(43485)	14.6	12.79525	75.71590	154.99246	21.72222	0.2171226	3.1500755	31138	(43537)	13.8	313.31911	200.79176	119.59484	18.33075	0.2018310	2.6249223	31153
(43486)	16.0	282.27023	339.62145	331.57132	1.67388	0.0709954	2.7170428	31138	(43538)	13.7	248.98416	214.95936	145.32395	12.36424	0.0446134	3.2084354	31154
(43487)	14.4	138.45558	2.90271	93.65298	6.42843	0.1419116	2.6279636	31138	(43539)	14.4	320.86931	313.92096	21.59617	14.40188	0.0871958	2.5902850	31154
(43488)	12.5	331.15518	11.02113	256.40621	19.26851	0.1581744	3.1922255	31139	(43540)	13.6	303.35402	225.02644	87.43557	11.55413	0.0971029	2.9730779	31154
(43489)	12.6	195.22896	261.41387	137.48577	16.47339	0.1130819	3.1431177	31139	(43541)	15.3	315.73956	31.20684	297.38358	0.35029	0.1519089	2.5500420	31155
(43490)	13.3	149.28127	82.60498	358.95070	9.27318	0.0183548	3.0950203	31139	(43542)	15.0	266.16708	179.72317	168.37825	6.29179	0.2135415	2.7390136	31155
(43491)	14.4	351.76507	335.83681	257.38965	14.45519	0.0707406	2.5757773	31140	(43543)	14.2	327.27160	102.60247	179.96845	9.03868	0.0841339	3.1700202	31155
(43492)	15.6	344.93187	163.62667	323.91444	7.83573	0.1119618	3.128318	31140	(43544)	14.1	80.69912	17.38683	161.76719	5.65960	0.0961035	3.1137141	31155
(43493)	15.0	215.52273	271.98439	109.92762	6.16299	0.0547547	2.7740423	31141	(43545)	13.8	346.64443	23.21189	233.03549	3.45051	0.0223474	3.0716810	31156
(43494)	14.6	46.08171	137.22095	103.48167	6.41092	0.2561143	2.5612896	31141	(43546)	13.6	71.61030	182.18783	20.66315	22.78488	0.0884332	3.2039939	31156
(43495)	15.0	235.68503	274.48016	97.92885	3.38322	0.2240831	2.3582402	31141	(43547)	13.5	270.11737	163.37934	183.40599	22.79564	0.0982793	3.1776758	31156
(43496)	15.8	262.06160	248.32445	107.38547	7.21469	0.1393523	2.2800501	31141	(43548)	15.6	348.88438	184.98233	119.93021	3.01541	0.1314673	2.6937179	31157
(43497)	13.1	283.65193	152.28644	133.95553	18.73755	0.1262624	3.1851661	31142	(43549)	15.0	31.84791	96.29761	144.59941	2.55306	0.0116834	2.8726040	31157
(43498)	13.5	165.03630	21.41539	42.85497	13.91636	0.1683310	3.1528373	31142	(43550)	14.0	186.48951	218.13409	205.57491	15.89440	0.0153792	3.1263970	31157
(43499)	15.7	230.40283	349.32491	23.04760	2.17300	0.1976772	2.3981389	31142	(43551)	13.4	343.24829	246.40175	33.61518	11.24184	0.0627930	3.2292471	31157
(43500)	15.1	16.49914	123.33881	86.88335	2.89813	0.0955864	3.0889385	31143	(43552)	15.3	311.51386	152.15098	169.72673	21.70025	0.2210800	2.7949042	31158
(43501)	15.2	19.33630	149.00190	96.73830	3.67154	0.1447306	2.4677967	31143	(43553)	14.1	246.02402	190.61238	185.92786	12.69593	0.2068817	2.6929720	31158
(43502)	15.6	227.01260	331.46920	51.84599	6.25055	0.1794604	2.3167290	31143	(43554)	14.5	159.55862	79.31507	18.02366	9.13831	0.0752889	3.0810534	31158

(43555)	13.9	314.94654	160.83567	148.82865	10.96542	0.0985901	2.9697536	31159	(43607)	12.8	133.73163	15.24580	271.58235	12.09609	0.1626077	2.6071697	31175
(43556)	14.0	290.63051	181.91340	144.37277	8.64948	0.0728302	3.0394472	31159	(43608)	15.3	92.67178	284.70210	94.86910	6.65017	0.1798786	2.2433789	31175
(43557)	15.3	58.34975	126.22730	121.81453	3.06345	0.1692137	2.3759720	31159	(43609)	15.7	272.77553	100.71025	87.08247	7.12983	0.0792895	2.3375232	31175
(43558)	13.9	225.17079	238.63987	142.50372	10.71212	0.1168770	3.0807268	31159	(43610)	15.0	245.68411	40.49729	209.06431	1.26710	0.1359496	3.0772916	31176
(43559)	14.6	292.42106	181.90630	154.64361	9.29884	0.1309641	2.9704080	31160	(43611)	14.3	333.83059	186.12907	45.83558	10.17866	0.1540178	3.0779559	31176
(43560)	14.2	341.39769	163.57626	161.65437	13.76380	0.2304652	2.4476676	31160	(43612)	14.1	355.51922	4.91899	159.10192	5.38595	0.1287770	3.1111925	31176
(43561)	13.6	8.24217	23.62239	246.61350	9.28105	0.0596495	3.0617357	31160	(43613)	13.7	182.89429	202.29911	125.09982	11.93028	0.0779238	3.0978066	31177
(43562)	13.7	84.22924	122.89843	55.21994	13.18042	0.0907666	3.0873626	31161	(43614)	14.6	301.03972	113.00630	134.81038	14.81710	0.0374394	2.6185910	31177
(43563)	13.8	0.09099	10.16569	265.82613	8.04042	0.1400080	2.7975317	31161	(43615)	14.9	223.10263	81.22822	219.95275	9.43619	0.0391813	2.9789237	31177
(43564)	14.2	346.22705	115.99315	170.72578	10.72122	0.1449377	3.0427250	31161	(43616)	14.8	357.26299	135.28337	26.96531	4.44151	0.1379514	2.7959007	31178
(43565)	15.1	24.94879	199.00468	77.99738	3.15947	0.0956279	2.6370030	31162	(43617)	13.0	6.07023	60.98570	115.69956	23.64597	0.0167987	3.1343508	31178
(43566)	14.2	268.12074	214.16157	149.75280	12.57212	0.2084969	2.6728274	31162	(43618)	14.2	343.35640	129.35738	66.60445	0.05259	0.0885688	3.0765381	31178
(43567)	14.0	297.83910	21.29025	281.37804	8.23012	0.0555913	3.0803854	31162	(43619)	15.6	172.50835	12.66239	319.33463	4.49338	0.2135073	2.1918688	31179
(43568)	13.1	356.80066	12.51655	247.83959	12.23220	0.1286485	3.0537351	31162	(43620)	14.8	250.24847	292.87416	0.93537	3.90219	0.2333904	2.5349044	31179
(43569)	14.3	304.26118	204.93193	123.45617	14.91155	0.1860345	2.7389096	31163	(43621)	13.6	260.02274	223.24461	69.49474	15.11099	0.0640681	2.7898555	31179
(43570)	14.4	318.09973	151.82999	208.19382	24.39688	0.2348499	2.3191031	31163	(43622)	14.1	137.72123	209.72791	165.88613	9.08128	0.0690710	3.1536472	31179
(43571)	14.5	47.22572	310.48950	279.18373	16.44150	0.1406145	2.5410834	31163	(43623)	16.6	316.40813	22.75663	193.00743	4.17269	0.1062650	2.3849678	31180
(43572)	15.5	44.10839	143.56934	145.81794	7.82355	0.2143930	2.4178824	31163	(43624)	15.9	36.25205	299.26507	203.98346	3.95317	0.1450196	2.4703276	31180
(43573)	13.5	351.39892	207.69673	93.23369	12.19020	0.1220815	3.1653920	31164	(43625)	13.8	275.35505	270.68341	3.33720	9.40687	0.2000731	3.1473791	31180
(43574)	14.8	290.43720	321.52722	44.71663	5.13668	0.2139143	2.6100999	31164	(43626)	14.9	187.95100	329.53772	14.26254	6.02469	0.0147028	2.7857526	31181
(43575)	14.2	241.36815	20.23432	30.16275	10.35177	0.0115331	2.9579888	31164	(43627)	13.2	86.86144	96.27708	328.61922	1.29550	0.1129961	5.1371448	31181
(43576)	14.9	68.74018	33.61127	224.46921	2.20145	0.1721909	2.5905299	31164	(43628)	13.2	3.29237	248.75591	300.06778	8.40259	0.1612432	3.1596875	31181
(43577)	14.2	59.69956	9.38688	254.40370	7.97024	0.1509620	2.6309819	31165	(43629)	15.4	290.14658	278.90790	26.67838	7.37480	0.1371290	2.2866344	31181
(43578)	15.0	356.68041	258.51548	85.69629	9.30937	0.1908677	2.5666443	31165	(43630)	15.0	262.49658	220.84499	54.02091	4.02541	0.1244987	2.6603795	31182
(43579)	16.5	41.74423	123.24391	201.48568	2.33845	0.2487789	2.3596553	31165	(43631)	13.7	339.82840	80.15973	147.40071	10.42558	0.0544404	3.0247841	31182
(43580)	14.8	61.27904	62.52728	194.94740	8.59742	0.0683765	2.6620732	31166	(43632)	15.4	309.08000	278.93239	339.58764	4.32030	0.1291454	2.3221821	31183
(43581)	14.6	7.01171	55.94132	245.41865	8.27853	0.0608999	2.6533649	31166	(43633)	15.6	338.21062	105.59973	122.07645	2.97701	0.1668064	2.3726472	31183
(43582)	14.3	353.92820	138.54449	245.40536	12.22406	0.1453813	2.7323119	31166	(43634)	15.3	253.80635	63.80707	224.63417	21.15973	0.0513819	1.9183403	31183
(43583)	15.1	86.33092	74.61069	220.77933	7.33783	0.2597198	2.3053556	31166	(43635)	15.6	277.80607	15.20097	279.07951	5.49615	0.1048561	2.3325308	31183
(43584)	14.3	111.02432	79.27428	191.84193	21.61319	0.2409721	2.3032165	31167	(43636)	16.3	252.47552	267.98746	40.74081	4.53886	0.1781865	2.2846724	31184
(43585)	14.1	12.61556	199.15028	180.02170	9.69976	0.1361376	2.7380767	31167	(43637)	13.6	344.96516	15.38463	190.12534	10.42433	0.1449426	3.1723571	31184
(43586)	15.4	81.14220	119.79383	181.29679	6.22596	0.1319150	2.3856700	31167	(43638)	15.5	255.39658	290.32564	18.48031	11.93517	0.0798806	2.6260445	31184
(43587)	15.9	114.88520	158.73578	107.47239	4.28114	0.1502343	2.2803079	31168	(43639)	14.1	330.85289	65.62686	169.48816	9.07699	0.1198712	3.1821687	31185
(43588)	16.1	25.39890	34.75033	359.47693	2.27916	0.2083306	2.3754638	31168	(43640)	13.7	263.36783	158.37361	124.54774	14.99043	0.1761382	3.0733486	31185
(43589)	15.7	358.66641	146.38960	270.59195	1.75204	0.1813016	2.4413057	31168	(43641)	14.7	15.68038	191.10498	343.04061	4.35016	0.1928781	2.9425854	31185
(43590)	15.1	78.62688	232.41015	144.45653	3.16660	0.1755670	2.2165287	31168	(43642)	14.6	100.43110	86.94206	15.90712	21.82986	0.0062319	3.2423814	31186
(43591)	15.6	356.82833	316.87528	109.98937	6.12241	0.2862508	2.4361317	31169	(43643)	16.2	226.71242	309.38117	10.95820	2.34337	0.1300910	2.6168489	31186
(43592)	12.5	108.34274	240.89612	37.04681	5.62888	0.1808090	3.1872287	31169	(43644)	15.9	2.50736	314.84192	232.81759	3.12970	0.0540385	2.5313426	31186
(43593)	15.2	58.05986	174.91357	211.02974	4.75874	0.1673980	2.3156749	31170	(43645)	14.3	144.45483	200.05056	196.45521	11.97532	0.2886995	2.6140516	31187
(43594)	14.7	308.83516	148.90242	341.59262	4.46900	0.1039480	2.2104915	31170	(43646)	15.1	99.87503	253.11393	203.19032	7.72665	0.0217442	2.8012676	31187
(43595)	13.1	92.52022	309.76342	11.33473	14.05824	0.1729255	2.6217739	31171	(43647)	14.3	68.45378	121.85048	2.53892	5.72959	0.1074619	3.2234882	31187
(43596)	14.6	50.34251	128.21387	183.88744	10.36137	0.0927351	3.0701242	31171	(43648)	15.1	152.51120	107.04335	273.42595	0.86124	0.0822678	2.8935220	31188
(43597)	15.7	29.62192	81.05313	347.11504	7.22245	0.1025703	2.2422588	31171	(43649)	15.3	351.23264	33.30096	184.88221	7.19251	0.0649737	2.3382159	31188
(43598)	14.1	33.96434	119.56546	271.84969	12.41682	0.1715239	2.6177527	31172	(43650)	15.4	300.15090	249.20167	32.96556	7.57373	0.1096003	2.3858996	31188
(43599)	13.9	232.47676	55.25116	125.58499	4.57239	0.1290268	2.6727233	31172	(43651)	14.9	308.50788	114.98578	151.25616	3.38032	0.1960036	3.0221130	31189
(43600)	16.3	291.42857	327.38997	161.79656	6.81363	0.1847635	2.3519724	31172	(43652)	14.3	107.54967	259.05955	181.15979	13.21380	0.1223901	2.9150381	31189
(43601)	14.0	195.76299	327.90947	241.05681	5.33664	0.2297941	2.7135975	31173	(43653)	15.2	349.79350	347.83241	232.81708	4.84639	0.1651368	2.4421275	31189
(43602)	13.9	41.09325	77.97414	326.23592	12.43570	0.2054193	3.0482675	31173	(43654)	13.2	277.87950	138.53796	161.31185	12.86331	0.1185875	2.7669200	31189
(43603)	14.7	119.32217	274.74050	55.80584	3.68895	0.0709136	2.6324345	31173	(43655)	15.3	330.43449	293.80679	293.85571	2.22560	0.0446579	2.6636952	31190
(43604)	13.2	70.01188	97.31766	282.79391	13.18904	0.1596322	2.5865647	31174	(43656)	14.6	284.20139	258.97846	30.26680	9.39550	0.1195746	2.4215186	31190
(43605)	13.8	24.03717	41.74014	73.64353	13.26469	0.1369241	2.5457637	31174	(43657)	14.6	355.76975	100.84390	96.43172	6.29262	0.0876609	3.1139917	31190
(43606)	14.4	311.44311	242.69856	310.91003	17.86773	0.0650057	1.9362010	31174	(43658)	15.8	264.87385	306.90987	4.36841	4.86083	0.1749087	2.3637502	31191

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 (43721) 14.1 48.06045 340.87378 157.14155 10.43252 0.1675669 3.1553748 31211

SUMMARY OF IDENTIFICATIONS

The following identifications are invalid:

1994 AC ₁₄	= 2001 XC ₁₂₅	MPO 21965
1994 RC ₂₅	= 2002 CQ ₂₈₅	MPO 28939
1994 SN ₁₀	= 1997 EY ₅₈	MPC 39958
1995 SV ₂₁	= 1999 RM ₂₁₉	MPO 6727
1995 VV ₆	= 2000 AA ₁₆₁	MPO 1901
1996 HP ₂	= 1998 VO ₁₂	MPO 6736
1996 SH ₅	= 1999 NV ₂₈	MPO 6740
1996 UO ₁	= 2000 YM ₁₃₀	MPO 9049
1996 VR ₃₉	= 2000 QA ₂₄₇	MPO 6746
1997 EE ₃₀	= 1999 TW ₂₈₂	MPO 5430
1998 FJ ₁₃	= 2000 YB ₇₆	MPO 9065
1998 HY ₁₁₇	= 1996 VD ₄₀	MPO 16820
2000 AR ₂₁₄	= 2001 AL ₁	MPO 13130
2000 CH ₁₃	= 1998 SY ₉₃	MPO 6997
2000 GM ₂₂	= 1975 PP	MPO 2458
2000 UP ₃₁	= 1998 MT ₁₄	MPO 7244
2000 YT ₃₆	= 1991 GW ₁₁	MPO 14258
2002 JG ₃₀	= 1996 FD ₁₅	MPO 30195

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

1978 NH = 2002 KK
 1979 MT₃ = 2001 RV₁₄₄
 1981 ED₁₀ = 1999 PC₃ = 2002 LZ₁₃
 1981 EG₃₃ = 2002 GN₁₆₄
 1981 EF₄₆ = 1999 NO₁₄ = 2002 GW₉₈
 1982 WD = 2000 AA₂₀₁
 1983 TA = 2002 FX₄
 1989 GF₂ = 1998 KG₃₄ = 2002 FA₃₇
 1989 SL₈ = 2002 LM₂₂
 1991 KD = 2002 JF₁₀₁
 1991 LH = 2002 MB
 1991 PT₂ = 2002 LS₃₁
 1992 RD = 2002 HM₁₃
 1992 RP₁ = 1998 TB₃₇
 1993 FU₉ = 2002 GR₁₀₂

1993 FZ₁₆ = 2002 GK₇₃
 1993 FX₄₅ = 2002 LV₅₁
 1993 FM₄₇ = 2002 GZ₁₂₇
 1993 FR₅₄ = 2002 GO₁₁₆
 1993 FH₅₆ = 2002 GW₁₃₈
 1993 FO₅₉ = /02E11R
 1993 FC₆₀ = 1998 QX₇₉ = 2002 LP₄₇
 1993 PU₄ = 1998 QS₁₄ = 2002 GM₈₂
 1993 QJ₈ = 2002 GB₄₅
 1993 RU₁₀ = 2002 JD₅₆
 1993 TS₂₉ = 2002 AM₁₉₄
 1993 TU₃₂ = 2002 AM₁₈₄
 1994 AV₁₃ = 2002 GV₆₄
 1994 CZ₂ = 2002 GV₁₂₈
 1994 JA₂ = 2002 GJ₁₄₉
 1994 PO₁₀ = 2002 LT₄₄
 1994 PN₃₀ = 2002 LA₁₄
 1994 PU₃₀ = 2002 JR₁₂₉
 1994 SD = 2002 LT₅₂
 1994 SB₁₂ = 2001 UG₁₉₄
 1994 SD₁₂ = 2001 UD₂₀₀
 1995 FN₇ = 2002 GF₁₁₃
 1995 FJ₉ = 2002 MN₂
 1995 MG₄ = 1995 OT₇ = 2002 JD₁₂₇
 1995 QZ₁₄ = 2001 UA₂₀₉
 1995 SP₁₄ = 2002 GB₇₈
 1995 SZ₈₈ = 1993 FC₇₁ = 2002 GV₄₅
 1995 UR₂₂ = 2002 GG₁₃₇
 1995 VV₃ = 2001 WT₉₆
 1995 VC₁₈ = 2002 GT₁₃₁
 1995 WB₁₇ = 2002 GR₁₃₀
 1995 WO₂₇ = 2002 HE₁₆
 1995 YP₇ = 2002 GS₁₁₅
 1996 BN₁ = 2002 GS₇₄
 1996 BJ₁₂ = 2002 GF₁₁₆
 1996 RB₅ = 2002 GE₁₄₂
 1996 TC₆ = 2002 GH₁₀₀
 1996 TZ₁₉ = 2002 FT₄
 1996 TX₃₁ = 2002 JZ₁₂₈
 1996 UO₁ = 2002 JH₄₀
 1996 XY₃ = 2001 SU₃₁₈
 1996 XY₂₀ = 2002 GG₁₁₅
 1996 XY₃₅ = 2002 LT₅₆
 1997 AO₁₂ = 2002 JD₁₁₆
 1997 EV₂ = 2002 LX₅₇
 1997 EJ₃₂ = 2002 GK₁₂₅
 1997 GE₁₀ = 2002 LJ₅₆
 1997 HG₂ = 2002 GY₁₀₂
 1997 LM = 2002 LK₃₃
 1997 LJ₁ = 2002 LX₃₄
 1997 ND₆ = 2002 LV₁
 1997 WJ₁₁ = 2001 YQ₁₄₈
 1998 BD₉ = 2002 GG₉₅
 1998 BP₁₇ = 2002 LR₈
 1998 BS₂₆ = 2001 XD₂₆₅
 1998 DT₈ = 2002 JO₁₁₄
 1998 DX₈ = 2002 GP₁₆₄
 1998 DH₁₂ = 2002 GX₁₄₂
 1998 EF₁₁ = 2002 LU₃₁
 1998 EF₂₀ = 2002 GM₈₇
 1998 FC₄ = 2002 GT₁₅₀
 1998 FG₆ = 2002 CC₁₅₈
 1998 FF₁₁ = 2002 JL₅₉
 1998 FU₂₉ = 2002 LQ₂₆
 1998 FK₃₁ = 2002 JC₁₃₂
 1998 FT₆₀ = 2002 LZ₂₉
 1998 FY₇₈ = 2002 LB₃₆
 1998 FX₈₇ = 2002 LY₃
 1998 FA₁₁₅ = 2002 GR₉₂
 1998 FU₁₃₂ = 2002 GZ₁₅₉
 1998 FD₁₃₃ = 2002 KM₁₂
 1998 FH₁₃₅ = 2002 JD₉₂
 1998 FW₁₄₅ = 2002 KG₂
 1998 GN₁ = 2002 GX₁₄₁
 1998 HY = 2002 GM₈
 1998 HK₁₄ = 2002 BA₂₁
 1998 HR₁₅ = 2002 JW₂₁
 1998 HC₁₆ = 2002 GV₁₁₃
 1998 HJ₁₆ = 2002 GH₁₁₇
 1998 HW₁₆ = 2002 LE₃₉
 1998 HK₂₁ = 2002 KK₄
 1998 HY₃₃ = 2002 LK₃₈
 1998 HH₃₇ = 2002 LC₂₃
 1998 HY₄₁ = 2002 GD₁₀₇
 1998 HF₆₂ = 2002 GA₃₄
 1998 HS₁₀₇ = 2002 GD₈₇
 1998 HY₁₁₇ = 2000 SE₃₅₅ = 2002 BA₃₀
 1998 HY₁₁₉ = 2002 JY₉₇
 1998 HJ₁₂₄ = 2002 LO₅₆
 1998 HH₁₂₉ = 2002 KS₇
 1998 JM₃ = 2002 GB₁₂₁
 1998 KY₆ = 2002 LU₂₆
 1998 KZ₂₉ = 2002 LD₁₇
 1998 KT₄₂ = 2002 GL₈₄
 1998 KH₄₃ = 2002 GC₁₂₄
 1998 KZ₆₀ = 2002 LH₅₅
 1998 KS₆₁ = 2002 JB₁₃
 1998 MM₄ = 2002 GC₆₈
 1998 MA₆ = 2002 CO₂₂₅
 1998 MQ₇ = 2002 LT₃₉
 1998 MP₁₈ = 1993 SO₁₃ = 1999 XL₅₂ = 2002 GM₄₁
 1998 QF₁₀ = 1997 GJ₂₆
 1998 QC₁₄ = 2002 LZ₃₆
 1998 QE₂₂ = 2002 LY₃₁

1998 QH₂₂ = 2002 LL₄₅
 1998 QC₂₃ = 2002 LW₄
 1998 QQ₃₀ = 2002 LL₂₁
 1998 QQ₃₃ = 2002 LB₄₈
 1998 QR₃₃ = 2002 LW₅₇
 1998 QR₅₄ = 2002 JW₁₂₄
 1998 QG₆₁ = 2002 JJ₁₃₆
 1998 QC₆₈ = 2002 LA₂₁
 1998 QJ₆₈ = 2002 LO₃₆
 1998 QR₇₀ = 2002 LK₃₇
 1998 QK₇₂ = 2002 JE₃₈
 1998 QN₇₄ = 2002 GB₁₀₈
 1998 QL₇₇ = 2002 LY₃₆
 1998 QH₇₉ = 1986 UQ₂ = 2002 LM₃₄
 1998 QM₈₀ = 1998 UB₄ = 2002 LY₅₅
 1998 QQ₈₂ = 2002 KK₅
 1998 QR₉₅ = 2002 GK₁₃₀
 1998 RS₆ = 2002 JW₁₃₂
 1998 RO₁₄ = 2002 LA₁₅
 1998 RN₁₅ = 2002 GX₂₄
 1998 RF₂₀ = 2002 LZ₅
 1998 RM₂₁ = 2002 JV₁₄₀
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 1998 RQ₃₇ = 2002 GQ₁₂₉
 1998 RY₅₆ = 2002 GZ₉₈
 1998 RE₇₀ = 2002 LS₁₁
 1998 RE₇₂ = 2002 LX₂₅
 1998 RO₇₆ = 2002 JR₃₇
 1998 RD₈₁ = 1997 HC₁₃
 1998 SA₃ = 1998 SX₂₇ = 2002 LO₂₂
 1998 SR₆ = 2002 GF₁₅₈
 1998 SE₁₈ = 2000 CF₁₄₁
 1998 SK₅₂ = 2002 JK₁₃₂
 1998 SG₅₅ = 2002 JO₁₂₆
 1998 SO₅₈ = 2002 LN₄₇
 1998 SX₅₉ = 2002 GO₁₂₃
 1998 SW₆₄ = 2002 LM₅₀
 1998 SV₇₀ = 1996 BX₁₆
 1998 SG₈₄ = 2002 JP₁₂₄
 1998 SK₉₈ = 2705 P-L
 1998 SR₁₀₅ = 2000 AR₂₁₄ = 2002 GV₅₂
 1998 SH₁₁₈ = 2002 LX₃₇
 1998 SM₁₃₆ = 2002 GG₁₅₀
 1998 SG₁₄₀ = 2002 LR₄₆
 1998 SJ₁₅₃ = 2002 GK₆₃
 1998 SF₁₆₀ = 2002 GQ₁₄₃
 1998 SS₁₆₀ = 2000 GG₃₉
 1998 SB₁₆₃ = 4326 T-2
 1998 SC₁₆₈ = 2002 LT₂₆
 1998 SE₁₆₉ = 2001 LR₁₉
 1998 SY₁₇₀ = 2002 JV₁₀₆
 1998 TZ₃₇ = 2002 LJ₁₆
 1998 UK = 2002 JO₃₅
 1998 UB₂₄ = 2000 EU₁₈₂
 1998 UM₃₇ = 2000 GM₂₃
 1998 UO₄₈ = 1993 FN₈₃
 1998 VV = 1981 UH₂₆
 1998 VL₁₁ = 2001 HU₅₉
 1998 VT₁₄ = 2002 LN₄₃
 1998 VJ₁₆ = 2002 HP₁₇
 1998 VZ₁₆ = 1996 JN₃ = 2000 EY₈₈
 1998 VJ₅₂ = 2000 EF₁₄₇
 1998 WD₁₃ = 1990 TL₁₂
 1998 WV₂₇ = 2002 JU₁₁₅
 1998 WE₃₈ = 1998 VU₄₇ = 2002 KF₁₁
 1998 XP₈₀ = 1997 LL₁₁
 1998 YZ = 2002 LL₂₉
 1999 CL₁₄ = 2001 TG₁₆₁
 1999 CJ₅₃ = 2001 ST₃₂₅
 1999 CJ₇₇ = 2001 RK₁₄₅
 1999 CK₁₀₃ = 2002 LF₂₀
 1999 CF₁₁₆ = 2001 WH₉₈
 1999 CU₁₁₈ = 2002 LM₄₃
 1999 CB₁₂₀ = 2001 PE₃₉
 1999 FH₂ = 2001 UB₂₁₇
 1999 FR₈ = 2002 LS₃
 1999 FY₁₆ = 2002 AK₇₁
 1999 FD₃₀ = 2001 SN₃₄₇
 1999 GP₆ = 2002 JQ₁₃
 1999 GU₂₃ = 2001 RB₁₄₈
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 1999 LG₁₁ = 2002 GX₁₆₂
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 1999 MV₁ = 2002 LM₁₉
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 1999 ND₅ = 2002 LF₂₈
 1999 NB₆ = 2002 JB₁₂₃
 1999 NO₆ = 2002 GK₉₂
 1999 NR₂₃ = 2002 GL₆₀
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 1999 NV₆₂ = 2002 JN₄₇
 1999 PO₆ = 2002 GJ₁₂₈
 1999 RJ₄ = 2002 LX₂₃
 1999 RQ₇ = 2002 GH₁₂₂
 1999 RW₁₃ = 2002 GD₁₂₂
 1999 RU₁₇ = 2002 GG₅₃

1999 RA₁₉ = 2002 LV₄₉
 1999 RR₂₀ = 2002 GA₁₂₄
 1999 RM₂₁ = 2002 GM₁₁₀
 1999 RY₄₂ = 2002 GO₁₁₄
 1999 RK₅₂ = 2002 GK₁₆₄
 1999 RN₅₄ = 2002 JF₁₃₅
 1999 RM₅₅ = 2002 GJ₁₀₀
 1999 RE₆₁ = 2002 LH₁₅
 1999 RQ₆₂ = 2002 JJ₁₃₇
 1999 RS₆₂ = 2002 KO₁
 1999 RN₆₃ = 2002 LN₃₅
 1999 RK₆₇ = 2002 GY₁₁₇
 1999 RD₇₀ = 2002 JW₁₂₈
 1999 RZ₇₀ = 2002 KT₈
 1999 RM₇₂ = 2002 JM₅₉
 1999 RK₇₃ = 2002 GO₉₃
 1999 RG₈₅ = 2002 GD₁₃₁
 1999 RK₈₇ = 1999 TY₅₀ = 1999 VB₁₅₅ = 2002 LZ₂₁
 1999 RA₉₀ = 2002 GR₈₀
 1999 RO₉₀ = 2002 GR₉₁
 1999 RP₉₃ = 2002 GE₆₃
 1999 RR₉₅ = 2002 JH₁₃₁
 1999 RU₁₀₈ = 2002 LZ₁₆
 1999 RH₁₁₅ = 2002 LV₃₃
 1999 RQ₁₂₀ = 2002 LE₂
 1999 RY₁₂₀ = 2002 JH₁₃₃
 1999 RD₁₂₃ = 2002 JR₁₂₅
 1999 RK₁₂₄ = 2002 GW₂₅
 1999 RM₁₂₄ = 2002 GV₉₁
 1999 RN₁₂₇ = 2002 KU
 1999 RC₁₃₄ = 2002 GB₅₀
 1999 RW₁₃₅ = 2002 JJ₁₃₉
 1999 RC₁₃₈ = 2002 JS₁₄₁
 1999 RW₁₄₃ = 2002 KM₅
 1999 RG₁₄₄ = 2002 KF₅
 1999 RR₁₄₄ = 2002 CG₃₀₃
 1999 RY₁₄₅ = 2002 LA₃₉
 1999 RN₁₄₈ = 2002 JW₁₃₄
 1999 RW₁₅₂ = 2002 KB₉
 1999 RL₁₅₄ = 2002 JN₁₃₂
 1999 RN₁₅₅ = 2002 GF₁₅₁
 1999 RX₁₅₆ = 2002 GW₁₄₁
 1999 RS₁₅₈ = 2002 GH₁₄₁
 1999 RJ₁₆₁ = 2002 GM₉₄
 1999 RH₁₆₂ = 2002 GQ₁₅₄
 1999 RT₁₆₂ = 2002 LV₂₁
 1999 RE₁₆₆ = 2002 JE₁₃₄
 1999 RS₁₆₈ = 2002 LR₅₇
 1999 RW₁₆₉ = 2002 JD₁₃₇
 1999 RA₁₇₀ = 2002 GP₉₈
 1999 RT₁₇₉ = 2002 GV₁₄₇
 1999 RX₁₇₉ = 2002 LD₉
 1999 RT₁₈₀ = 2002 GW₁₃₄
 1999 RY₁₈₁ = 2002 HV₁₅
 1999 RQ₁₈₂ = 2002 JT₁₃₇
 1999 RS₁₈₂ = 2002 JG₁₄₃
 1999 RQ₁₈₅ = 2002 GY₁₃₁
 1999 RX₁₈₉ = 2002 LP₃₃
 1999 RT₁₉₇ = 2002 LW₁₈
 1999 RM₂₀₁ = 2002 LV₄
 1999 RT₂₀₂ = 2002 GH₆₅
 1999 RH₂₀₃ = 2002 KC₅
 1999 RH₂₂₂ = 2002 LG₁₂
 1999 RZ₂₃₂ = 2002 LV₃₄
 1999 RD₂₃₃ = 2002 HM₁₆
 1999 RL₂₄₂ = 2002 LP₇
 1999 RX₂₄₈ = 2002 GP₁₅₁
 1999 RJ₂₅₀ = 2002 LW₁₁
 1999 RA₂₅₄ = 1999 TU₂₀₀ = 2002 GG₁₃₅
 1999 RY₂₅₄ = 2002 KX₇
 1999 SU₁₃ = 2002 KZ₁₂
 1999 SF₁₄ = 2002 LW₁₄
 1999 SC₁₈ = 2002 KT₄
 1999 SM₂₀ = 2002 JE₁₁₆
 1999 SY₂₇ = 2002 LX₁₄
 1999 TS = 2002 GH₁₂₅
 1999 TV = 2002 JK₁₂₆
 1999 TG₃ = 2002 JL₁₄₅
 1999 TR₃ = 2002 LC₃₆
 1999 TZ₁₁ = 2002 LB₁₃
 1999 TD₁₂ = 2002 KV₄
 1999 TO₁₅ = 1999 ST₂ = 2002 GY₁₃₅
 1999 TS₁₈ = 2002 LR₅₁
 1999 TJ₁₉ = 2002 JE₁₄₃
 1999 TO₂₁ = 2002 LC₄₂
 1999 TQ₂₁ = 2002 JN₃₂
 1999 TR₂₉ = 2002 LB₅₁
 1999 TH₃₄ = 2002 GG₁₆₄
 1999 TA₄₉ = 2002 GU₁₁₂
 1999 TJ₆₀ = 2002 GX₄₀
 1999 TA₆₁ = 2002 JQ₁₃₁
 1999 TK₆₁ = 2002 GH₁₃₇
 1999 TH₆₂ = 2002 GR₁₆₄
 1999 TP₆₆ = 2002 GN₉₆
 1999 TL₇₀ = 2002 HW₁₄
 1999 TK₇₅ = 1997 GX₁₀ = 2001 BX₃₆ = 2002 GC₄₄
 1999 TW₇₉ = 2002 LF₁₆
 1999 TK₈₉ = 2002 LU₁₆
 1999 TC₉₃ = 2002 LN₂₁
 1999 TH₉₄ = 2002 KY₁₂
 1999 TP₉₇ = 2002 GV₁₁₆
 1999 TC₉₈ = 2002 LU₁₁
 1999 TY₉₈ = 2002 LZ₃₈
 1999 TP₁₀₁ = 2002 KO₅

1999 TT₁₀₃ = 2002 LC₃₇
 1999 TW₁₀₄ = 2002 LY₁₇
 1999 TD₁₀₈ = 2002 LS₃₃
 1999 TQ₁₀₈ = 2002 LL₁₉
 1999 TZ₁₁₈ = 2002 LD₁₈
 1999 TS₁₂₁ = 2002 GW₈₉
 1999 TF₁₂₂ = 2002 LF₅₂
 1999 TW₁₂₄ = 1999 TX₂₄₄ = 2002 GO₁₀₁
 1999 TE₁₂₈ = 2002 LQ₁₃
 1999 TB₁₂₉ = 1999 UU₆₁ = 2002 GU₁₂₉
 1999 TD₁₂₉ = 2002 GY₇₅
 1999 TL₁₃₁ = 2002 GD₄₄
 1999 TY₁₃₁ = 2002 GR₄₈
 1999 TM₁₃₅ = 2002 JN₃₈
 1999 TR₁₃₆ = 2002 GS₁₃₄
 1999 TD₁₃₉ = 2002 JT₁₃₆
 1999 TR₁₄₁ = 2002 GA₁₃₂
 1999 TP₁₄₃ = 2002 JX₁₀₂
 1999 TG₁₄₆ = 2002 GT₉₇
 1999 TE₁₄₇ = 2002 LV₂₇
 1999 TQ₁₄₇ = 2002 GA₈₇
 1999 TP₁₅₀ = 2002 GC₇₈
 1999 TP₁₅₅ = 2002 LQ₂
 1999 TS₁₆₀ = 2002 GF₁₃₀
 1999 TM₁₆₂ = 2002 GH₁₆₄
 1999 TM₁₆₄ = 1999 TJ₃₂₄ = 2002 LF₉
 1999 TS₁₆₆ = 2002 LQ₃₄
 1999 TX₁₆₈ = 2002 JT₈₉
 1999 TV₁₆₉ = 2002 GS₁₃₂
 1999 TW₁₆₉ = 2002 JT₁₂₅
 1999 TY₁₆₉ = 2002 GU₇₉
 1999 TG₁₇₀ = 2002 LM₁₃
 1999 TJ₁₇₂ = 2002 LY₄
 1999 TO₁₇₃ = 2002 GG₁₅₁
 1999 TY₁₈₂ = 2002 LW₂₃
 1999 TF₁₈₄ = 1998 MT₄₀ = 2002 FG₃₅
 1999 TY₁₈₉ = 2002 LV₇
 1999 TO₁₉₂ = 2002 LF₁₄
 1999 TV₁₉₃ = 2002 GD₅₆
 1999 TJ₁₉₆ = 2002 LA₁₇
 1999 TN₁₉₆ = 2002 LG₁₁
 1999 TT₁₉₇ = 2002 LD₅₀
 1999 TD₂₀₁ = 2002 LR₁₉
 1999 TH₂₀₆ = 2002 GN₁₄₃
 1999 TF₂₁₄ = 2002 JP₁₃₇
 1999 TW₂₁₆ = 2002 GY₁₄₅
 1999 TL₂₁₇ = 1999 UJ₆₃ = 1993 FS₆₄ = 1995 UE₄₄
 1999 TB₂₁₈ = 2002 LX₄₅
 1999 TP₂₂₁ = 2002 LZ₄₀
 1999 TT₂₂₂ = 2002 LY₂₆
 1999 TG₂₃₀ = 2002 LS₁₆
 1999 TP₂₃₅ = 2002 KM₁₀
 1999 TZ₂₄₀ = 2002 JP₁₂₆
 1999 TQ₂₄₄ = 2002 KR₁₁
 1999 TS₂₄₆ = 2002 FZ₃₃
 1999 TO₂₅₃ = 2002 GL₁₂₉
 1999 TX₂₅₃ = 2002 GD₉₂
 1999 TE₂₅₈ = 2002 GS₁₁₃
 1999 TD₂₅₉ = 2002 GK₁₂₀
 1999 TA₂₆₀ = 2002 LB₉
 1999 TX₂₆₀ = 2002 GU₁₆₀
 1999 TO₂₆₃ = 2002 GF₁₃₆
 1999 TG₂₇₂ = 2002 JK₃₇
 1999 TW₂₇₂ = 2002 GC₁₃₈
 1999 TA₂₈₃ = 2002 GX₁₂₂
 1999 TT₂₈₃ = 2002 KA₅
 1999 TC₂₈₄ = 2002 JW₁₂₆
 1999 TJ₂₈₆ = 2002 LA₁₆
 1999 TJ₂₈₈ = 2002 JF₁₀₃
 1999 TJ₂₉₁ = 2002 GN₁₅₇
 1999 TC₂₉₆ = 2002 GN₁₃₇
 1999 TZ₂₉₆ = 2002 LQ₄₅
 1999 TO₃₀₁ = 2002 GS₈₉
 1999 TC₃₀₄ = 2002 LH₄₀
 1999 TA₃₂₃ = 2002 GF₉₁
 1999 UH₁₂ = 2002 LU₁₇
 1999 UT₁₄ = 2002 LJ₂₂
 1999 UF₂₀ = 2002 LP₅₁
 1999 UT₂₇ = 2002 GF₁₂₀
 1999 UA₂₉ = 2002 JJ₁₃₂
 1999 UJ₄₁ = 2002 GZ₁₀₀
 1999 UX₄₁ = 2002 JU₁₃₁
 1999 UU₄₃ = 2002 GA₉₁
 1999 UZ₄₄ = 2002 LK₅₇
 1999 UY₅₁ = 2002 LD₃₉
 1999 VD = 2002 LM₇
 1999 VQ₁₆ = 2002 JU₃₈
 1999 VD₂₃ = 2002 MV₁
 1999 VG₂₃ = 2002 LY₂₂
 1999 VP₃₀ = 2002 JG₁₃₂
 1999 VQ₃₂ = 2002 GA₉₀
 1999 VU₃₆ = 2002 GL₁₁₂
 1999 VE₅₄ = 2002 GP₁₁₇
 1999 VP₅₄ = 1999 VW₁₇₃ = 2002 LO₂₁
 1999 VV₅₅ = 2002 GD₁₂₇
 1999 VU₅₉ = 2002 JX₁₃₁
 1999 VG₆₀ = 2002 JQ₁₃₈
 1999 VC₆₁ = 2002 GO₆₃
 1999 VU₆₅ = 2002 JD₁₁₅
 1999 VG₇₀ = 2002 GC₁₃₁
 1999 VS₇₄ = 2002 GQ₁₆₀
 1999 VS₇₅ = 2002 GK₁₃₈
 1999 VK₈₀ = 2002 LT₅₀
 1999 VU₈₀ = 2002 LU₃₃

1999 VR₈₃ = 2002 GB₉₈
 1999 VQ₈₇ = 2002 HZ₁₅
 1999 VO₉₀ = 2002 GW₁₃₆
 1999 VX₉₁ = 2002 GA₁₃₁
 1999 VY₉₄ = 2002 GE₉₃
 1999 VN₉₅ = 2002 LL₁₅
 1999 VU₉₅ = 2002 GM₁₄₅
 1999 VA₁₀₅ = 2002 JK₁₃₉
 1999 VR₁₀₅ = 2002 GF₉₇
 1999 VM₁₀₇ = 2002 GG₃₆
 1999 VV₁₁₃ = 1999 XW₁₂₀ = 2002 LK₁₄
 1999 VW₁₂₁ = 2002 LD₅₅
 1999 VX₁₂₄ = 2002 GV₁₆₄
 1999 VG₁₂₇ = 2002 GK₁₆₂
 1999 VT₁₃₂ = 2002 JP₉₀
 1999 VX₁₄₃ = 1985 RA₅ = 2002 JB₁₃₆
 1999 VE₁₄₇ = 2002 KZ₄
 1999 VG₁₅₁ = 1998 OG₁₅ = 2002 GA₁₃₄
 1999 VC₁₅₉ = 2002 LH₁₄
 1999 VL₁₆₁ = 2002 GD₁₁₆
 1999 VG₁₇₁ = 2002 LW₄₈
 1999 VQ₁₇₁ = 2002 LN₃₄
 1999 VC₁₇₆ = 2002 LL₈
 1999 VQ₁₈₃ = 2002 GO₁₂₀
 1999 VA₁₉₆ = 2002 LH₁₉
 1999 VK₁₉₇ = 2002 JG₁₄₁
 1999 VR₁₉₇ = 2002 GC₁₄₄
 1999 VE₂₀₀ = 2002 LG₄₀
 1999 VV₂₁₅ = 2002 GD₁₄₅
 1999 VY₂₁₅ = 2002 GL₄₂
 1999 VH₂₂₀ = 2002 GQ₄₀
 1999 WM₉ = 2002 LW₁₀
 1999 WF₁₀ = 2002 JD₁₃₂
 1999 WF₁₂ = 2002 GG₁₀₈
 1999 WC₁₅ = 2002 LW₅₂
 1999 XF₃ = 2002 LB₅₇
 1999 XY₃ = 2002 LT₉
 1999 XR₁₆ = 2002 JA₁₃₁
 1999 XF₁₇ = 2002 LM₅₂
 1999 XA₂₉ = 2002 JF₁₃₁
 1999 XR₃₀ = 2002 LY
 1999 XE₄₅ = 2002 LE₃₃
 1999 XH₅₀ = 2002 LJ₁₇
 1999 XW₅₂ = 2002 HL₁₄
 1999 XV₅₇ = 2002 GP₁₅₉
 1999 XW₅₈ = 2002 LX₂₂
 1999 XD₆₂ = 2002 LX₁₆
 1999 XV₆₂ = 2002 JX₃₈
 1999 XA₆₄ = 2002 GQ₁₅₈
 1999 XB₆₄ = 2002 JH₁₂₄
 1999 XW₇₅ = 2002 LD₄₆
 1999 XX₇₈ = 2002 JV₁₂₅

1999 XV₈₂ = 2002 LK₂₀
 1999 XX₉₃ = 2002 LT₅₃
 1999 XU₉₅ = 2001 FG₁₇₉ = 2001 FP₁₉₄ = 2002 LB₂₂
 1999 XY₉₇ = 2002 LU₅₄
 1999 XF₁₁₇ = 2002 LX₄
 1999 XM₁₃₈ = 2002 JJ₅₆
 1999 XT₁₄₂ = 2002 LP₂₃
 1999 XB₁₄₅ = 2002 JU₁₃₅
 1999 XE₁₄₅ = 2002 GA₁₃₈
 1999 XU₁₄₈ = 2002 JU₁₃₈
 1999 XY₁₅₉ = 2002 LM₄₉
 1999 XP₁₉₁ = 2002 JR₁₂₀
 1999 XT₂₁₂ = 2002 LR₂₇
 1999 XJ₂₁₄ = 2002 LH₁₂
 1999 XD₂₁₅ = 2002 LT₃₅
 1999 XM₂₁₇ = 2002 LU₃₄
 1999 XS₂₃₃ = 2002 LJ₁₀
 1999 XL₂₄₃ = 2002 JP₁₂₅
 1999 XO₂₄₈ = 2002 LB₄₀
 1999 XX₂₅₁ = 2002 GF₁₀₅
 1999 YT₇ = 2002 JQ₁₂₃
 1999 YW₁₂ = 2002 LF₁₉
 2000 AD₁₁ = 1988 SA₅
 2000 AB₁₂ = 1986 PK₃ = 2002 LM₁₅
 2000 AG₁₆ = 1990 RQ₁₂ = 2002 LL₃₄
 2000 AF₂₂ = 2002 JY₁₁₆
 2000 AT₄₄ = 2002 GZ₁₁₃
 2000 AD₇₉ = 2002 LF₆
 2000 AS₈₂ = 2002 JA₁₂₂
 2000 AV₈₂ = 2002 JS₁₄₄
 2000 AF₉₂ = 1981 UG₁
 2000 AH₉₉ = 2002 LE₂₆
 2000 AL₁₀₁ = 2002 JH₃₂
 2000 AG₁₀₈ = 2002 LA₃₀
 2000 AR₁₁₅ = 2002 LA₂₉
 2000 AY₁₄₈ = 2002 LH₉
 2000 AY₁₅₃ = 2002 JA₃₆
 2000 AT₁₇₈ = 2002 LJ₁₈
 2000 AP₁₉₂ = 2002 LR₅₆
 2000 AB₂₀₁ = 2002 LB₅₆
 2000 AQ₂₀₉ = 2002 JF₁₃₇
 2000 AU₂₁₄ = 2002 JJ₁₁₇
 2000 AZ₂₄₂ = 1998 VL₅₆
 2000 CK₁₃ = 2002 GZ₁₂₁
 2000 CH₁₄ = 2002 LC₄₉
 2000 CS₁₄₀ = 2002 FW₂₁
 2000 DN₉₆ = 2002 KC₆
 2000 DC₁₀₈ = 2002 LQ₃₈
 2000 ED₁₂ = 2002 LG₅₈
 2000 EN₁₂₁ = 1996 HF₈
 2000 FF₄₂ = 1998 XU₉₉
 2000 GM₂₂ = 1998 VM₁₀

2000 GK₁₃₀ = 2001 UM₂₁₄
 2000 KB₃₈ = 2001 RO₁₅₂
 2000 LS₁₅ = 2001 TV₂₂₃
 2000 QL = 2002 CA₂₀₃
 2000 QT₅₇ = 2001 YT₁₅₂
 2000 QC₁₀₈ = 2002 CK₂₆₈
 2000 QC₁₃₈ = 2002 GO₁₆₅
 2000 QO₁₈₂ = 1984 YG₇ = 2002 LM₁₄
 2000 RE₁₁ = 2002 LT₅
 2000 RL₄₇ = 2002 JT₁₃₂
 2000 RY₅₈ = 2002 GV₁₂₆
 2000 RE₇₅ = 2002 GW₁₆₅
 2000 SP₃ = 2002 FW₃₇
 2000 SU₈ = 2002 GO₄₀
 2000 SQ₁₄ = 2001 YK₁₅₄
 2000 SV₃₃ = 2002 CM₂₉₈
 2000 SH₃₅ = 2002 HX₁₆
 2000 SK₇₄ = 2002 GC₁₅₅
 2000 SV₇₆ = 2002 GJ₁₂₅
 2000 SP₇₇ = 2002 GZ₄₄
 2000 SS₇₈ = 2002 CY₁₉₇
 2000 SF₈₀ = 2002 GF₁₃₁
 2000 SL₁₀₅ = 2002 GF₁₃₉
 2000 SW₁₀₅ = 2002 GV₁₃₀
 2000 SP₁₀₈ = 2002 HP₁₄
 2000 SJ₁₁₈ = 2002 GG₁₆₂
 2000 SG₁₂₇ = 2002 JN₁₃₀
 2000 SC₁₄₈ = 2002 GF₁₅₀
 2000 SQ₁₅₁ = 2002 GB₁₆₂
 2000 SD₁₅₉ = 2002 GG₉₄
 2000 SW₁₆₉ = 2002 JK₁₂₇
 2000 SH₁₇₈ = 2002 KV₁₁
 2000 SP₁₇₉ = 2002 JH₁₃₉
 2000 SY₂₀₄ = 2002 GE₄₂
 2000 SZ₂₁₀ = 2002 GN₁₂₇
 2000 SM₂₂₃ = 2002 GG₁₀₀
 2000 SF₂₆₃ = 2002 GH₁₅₆
 2000 SW₂₆₇ = 2002 GN₄₁
 2000 SM₂₇₁ = 2002 GB₁₅₂
 2000 SN₂₇₄ = 2002 GC₁₆₂
 2000 SU₂₉₄ = 2002 LA₅₂
 2000 SB₃₀₀ = 2002 JZ₁₃₂
 2000 SC₃₀₄ = 2002 GH₁₀₁
 2000 SH₃₀₉ = 2002 JF₁₂₅
 2000 SS₃₂₆ = 2002 JQ₁₃₆
 2000 SX₃₃₉ = 2002 GT₁₃₂
 2000 SY₃₅₉ = 2002 CQ₂₂₁ = /02F31T
 2000 TU₈ = 2002 JO₁₃₁
 2000 TR₁₅ = 2002 GX₁₂₀
 2000 TU₁₇ = 2002 GR₅₆
 2000 TW₁₈ = 2002 GC₁₄₃
 2000 TW₂₁ = 2002 JN₁₃₆

2000 TF₂₃ = 2000 TW₆₉ = 2002 GS₁₆₁
 2000 TL₂₄ = 2002 GB₁₂₂
 2000 TU₃₅ = 2002 JC₁₃₇
 2000 TT₄₅ = 2002 GF₃₅
 2000 TP₅₂ = 2002 GN₃₃
 2000 TA₆₂ = 2002 GU₇₈
 2000 UN = 2002 JY₁₂₄
 2000 UX₂ = 2002 GY₁₆₄
 2000 UG₄ = 2002 GT₁₄₄
 2000 UQ₄ = 2002 GH₁₅₅
 2000 UM₈ = 2002 GN₁₁₁
 2000 UY₉ = 2002 GP₉₉
 2000 UQ₁₂ = 2002 JP₁₃₄
 2000 UU₂₂ = 2002 KJ₂
 2000 UJ₂₉ = 2002 GT₁₅₃
 2000 UD₃₅ = 2002 JQ₁₂₅
 2000 UY₃₆ = 2002 EC₅₉
 2000 UV₄₁ = 2002 GT₁₃₈
 2000 UY₅₀ = 2002 JJ₁₄₃
 2000 UC₅₇ = 2002 GK₁₄₅
 2000 UH₅₈ = 2002 JN₁₃₅
 2000 UC₇₄ = 2002 JG₁₂₆
 2000 UO₇₄ = 2002 CQ₂₀₀
 2000 UH₇₇ = 2002 CA₁₉₇
 2000 UY₇₈ = 2002 JQ₁₄₂
 2000 UK₈₀ = 2002 GG₁₄₃
 2000 UV₈₅ = 2002 GM₁₃₄
 2000 UD₁₀₃ = 2002 HH₁₄
 2000 UE₁₀₉ = 2002 JP₁₂₉
 2000 UH₁₀₉ = 2002 GZ₁₆₀
 2000 UY₁₁₀ = 2002 JQ₁₃₂
 2000 VS = 2002 GK₅₃ = 2002 GZ₆₁
 2000 VZ = 2002 FG₃₆
 2000 VZ₉ = 2002 GT₆₄
 2000 VA₁₈ = 2002 GJ₁₁₂
 2000 VU₁₉ = 2002 GU₅₅
 2000 VK₂₀ = 2002 GO₁₄₂
 2000 VM₂₃ = 2002 JY₁₃₅
 2000 VO₂₄ = 2002 GO₁₂₆
 2000 VW₂₅ = 2002 HX₁₄
 2000 VX₂₇ = 2002 JP₁₃₅
 2000 VJ₂₈ = 2002 LH₁₈
 2000 VR₃₄ = 2002 GZ₁₆₅
 2000 VU₃₅ = 2002 JA₁₃₄
 2000 VK₃₈ = 2002 HC₁₇
 2000 VN₄₂ = 2002 GG₁₀₃
 2000 VW₄₈ = 2002 GD₉₁
 2000 VS₅₇ = 1989 YO₉ = 2002 LX₁₃
 2000 WF₁ = 2001 YS₁₄₇
 2000 WB₃ = 2002 LT₅₄
 2000 WL₅ = 2002 LX₃₃
 2000 WL₆ = 1990 RL₁₄ = 2002 JL₁₃₇

2000 WX₈ = 2002 LM₃₁
 2000 WV₁₅ = 2002 GO₈₁
 2000 WB₁₆ = 2002 JM₁₄₀
 2000 WG₁₆ = 2002 LM₅₄
 2000 WX₁₈ = 2002 JR₁₃₃
 2000 WD₂₀ = 2000 YQ₆₄ = 2002 JM₁₃₃
 2000 WR₂₃ = 2002 GP₁₆₀
 2000 WA₂₅ = 2002 JL₁₄₁
 2000 WM₂₅ = 2002 EX₆₅
 2000 WJ₂₇ = 2002 JQ₁₂₂
 2000 WX₂₉ = 2002 KD₆
 2000 WW₃₄ = 2002 GZ₁₂₀
 2000 WZ₃₆ = 1998 FJ₁₃ = 2002 LK₁₀
 2000 WL₄₀ = 2002 KW₅
 2000 WN₄₁ = 2002 JC₁₂₆
 2000 WR₄₆ = 2002 GJ₁₀₆
 2000 WY₄₉ = 2002 JW₅₄
 2000 WM₅₅ = 2002 LT₁₀
 2000 WA₅₈ = 2002 JH₁₃₇
 2000 WN₅₈ = 2002 JL₁₂₇
 2000 WW₅₉ = 2002 LY₁₅
 2000 WP₆₂ = 2002 GY₁₅₃
 2000 WD₆₆ = 2002 LG₁₃
 2000 WM₆₆ = 2002 GO₁₀₈
 2000 WL₇₆ = 2002 FF₃₇
 2000 WN₇₆ = 2002 JH₁₃₆
 2000 WC₇₈ = 2002 JW₃₈
 2000 WT₇₉ = 2002 JY₁₃₄
 2000 WQ₈₃ = 2002 JB₁₃₃
 2000 WG₈₅ = 2002 JD₁₃₁
 2000 WT₉₀ = 2002 GE₁₂₂
 2000 WM₉₈ = 2002 JN₁₃₈
 2000 WW₁₀₁ = 2002 JX₁₂₂
 2000 WW₁₀₆ = 2002 LM₅₅
 2000 WD₁₀₇ = 2002 GH₄₈
 2000 WF₁₀₈ = 2002 JK₁₃₃
 2000 WA₁₁₄ = 2002 JL₃₈
 2000 WJ₁₁₈ = 2002 GU₇₄
 2000 WW₁₂₀ = 2002 JZ₁₁₆
 2000 WQ₁₂₁ = 2002 GN₁₅₄
 2000 WO₁₂₉ = 2002 GU₆₆
 2000 WG₁₃₂ = 1991 CJ₃
 2000 WQ₁₃₉ = 1995 UE₁₉ = 2002 GP₇₁
 2000 WH₁₄₅ = 2002 GV₇₈
 2000 WD₁₅₆ = 2002 GH₁₀₃
 2000 WQ₁₅₇ = 2002 LG₁₈
 2000 WB₁₅₉ = 2002 GC₁₄₀
 2000 WT₁₅₉ = 1999 JX₁₃₁ = 2002 FU₃₇
 2000 WZ₁₅₉ = 2002 GT₈₈
 2000 WO₁₆₁ = 2002 JL₁₁₈
 2000 WP₁₆₉ = 2002 GR₁₅₅
 2000 WF₁₇₃ = 2002 LA₄

2000 WF₁₇₇ = 2002 GU₁₁₁
 2000 WN₁₇₈ = 2002 GM₅₈
 2000 WT₁₇₉ = 2002 LW₅
 2000 WP₁₈₅ = 2002 GN₈₃
 2000 WM₁₈₆ = 2002 KV₁₄
 2000 WH₁₉₂ = 2002 GQ₃₆
 2000 XP₂ = 2002 GQ₁₃₈
 2000 XE₇ = 2002 JM₁₄₂
 2000 XM₈ = 2002 HV₁₆
 2000 XP₉ = 2002 JL₃₁
 2000 XY₁₁ = 2002 GT₁₄₉
 2000 XR₁₃ = 2002 LF₁₃
 2000 XV₂₅ = 2002 GN₂₆
 2000 XP₂₆ = 2002 GR₁₆₃
 2000 XN₃₂ = 1989 TQ₁₂ = 2002 GZ₁₁₂
 2000 XD₃₄ = 2002 JQ₁₂₆
 2000 XV₄₁ = 2002 LR₅₅
 2000 XZ₄₁ = 2002 GN₁₁₈
 2000 XL₄₂ = 2002 GJ₁₀₁
 2000 XM₄₂ = 2002 GD₉₉
 2000 XP₄₂ = 2002 JK₇₉
 2000 XG₅₄ = 2002 GD₁₁₅
 2000 YV₂ = 2002 KP₁₂
 2000 YW₃ = 2002 GU₅₇
 2000 YL₅ = 2002 LC₂₁
 2000 YU₆ = 2002 JM₁₃₁
 2000 YY₈ = 2002 GT₉₅
 2000 YA₁₁ = 2002 LH₂₂
 2000 YP₁₁ = 2002 CD₂₁₆
 2000 YA₁₂ = 2002 LG₃₈
 2000 YS₁₅ = 2002 JK₁₄₁
 2000 YS₂₀ = 2002 GO₁₂₅
 2000 YU₂₃ = 2002 GL₁₃₆
 2000 YQ₂₄ = 2002 KZ₁₀
 2000 YV₂₄ = 2002 GG₆₃
 2000 YZ₂₅ = 2002 JY₁₁₇
 2000 YM₂₆ = 2002 GR₁₀₆
 2000 YF₃₀ = 2002 LC₂
 2000 YK₃₁ = 2002 GJ₁₃₆
 2000 YO₃₂ = 2002 LZ₂₈
 2000 YR₃₂ = 2002 JD₁₃₄
 2000 YJ₃₇ = 2002 GY₉₁
 2000 YY₃₇ = 2002 LZ₃₃
 2000 YR₄₀ = 2002 JW₁₄₀
 2000 YL₄₁ = 2002 GD₁₅₇
 2000 YN₄₁ = 2002 FR₃₇
 2000 YW₄₁ = 2002 GB₁₁₅
 2000 YO₄₂ = 2002 LV₁₀
 2000 YA₄₅ = 2002 JZ₁₂₇
 2000 YU₄₆ = 2002 GV₁₁₁
 2000 YB₄₇ = 2002 GD₉₈
 2000 YX₄₇ = 2002 GB₁₀₆

2000 YA₄₈ = 2002 GA₈₂
 2000 YF₄₈ = 2002 GR₆₇
 2000 YU₅₁ = 2002 GZ₁₄₄
 2000 YD₅₂ = 2002 GG₅₁
 2000 YR₅₂ = 1991 GZ₁₃ = 2002 JY₁₃₁
 2000 YD₅₄ = 2002 LM₄₅
 2000 YG₅₅ = 2002 HX₁₅
 2000 YM₅₆ = 2002 GD₁₅₀
 2000 YC₅₈ = 2002 GV₄₉
 2000 YR₅₈ = 2002 LO₅₃
 2000 YW₆₁ = 2002 LG₄₉
 2000 YV₆₃ = 2002 LF₁
 2000 YW₆₃ = 2002 HU₁₅
 2000 YO₆₆ = 2002 GN₁₆₂
 2000 YF₆₉ = 2002 GL₁₁₀
 2000 YA₇₀ = 2002 KE₅
 2000 YP₇₀ = 2002 GL₉₉
 2000 YF₇₂ = 2002 JB₁₄₀
 2000 YY₇₃ = 2002 LN₄
 2000 YA₇₄ = 2002 GP₄₉
 2000 YM₈₀ = 1992 CQ₇ = 2002 LZ₁₄
 2000 YD₈₁ = 2002 GK₅₆ = 2002 KJ₁
 2000 YD₈₃ = 2002 GE₁₂₉
 2000 YG₈₃ = 2002 JV₁₁₉
 2000 YY₈₅ = 2002 JA₉₈
 2000 YX₈₆ = 2002 KD₁₁
 2000 YP₈₈ = 2002 GL₁₃₁
 2000 YA₉₀ = 2002 GV₁₃₁
 2000 YN₉₁ = 2002 GD₁₁₇
 2000 YW₉₁ = 2002 GW₁₃₅
 2000 YZ₉₁ = 2002 JD₁₄₀
 2000 YZ₉₂ = 2002 LW₃₃
 2000 YJ₉₄ = 1999 TP₂₇₅ = 2002 JQ₁₃₄
 2000 YP₉₄ = 2002 JB₃₉
 2000 YB₉₅ = 2002 GL₁₁₆
 2000 YL₉₅ = 2002 GN₁₃₅
 2000 YU₉₅ = 2002 GC₇₉
 2000 YM₉₆ = 2002 JO₁₂₅
 2000 YR₉₆ = 2002 LT₃₀
 2000 YA₉₇ = 2002 LP₃₉
 2000 YS₉₈ = 2002 FH₃₈
 2000 YJ₁₀₁ = 2002 JZ₁₄₅
 2000 YC₁₀₂ = 2002 LQ₄₆
 2000 YJ₁₁₃ = 2002 GS₁₀₈
 2000 YE₁₁₄ = 2002 GZ₁₀₃
 2000 YD₁₁₆ = 2002 LE₁
 2000 YG₁₂₁ = 2002 LL₄₈
 2000 YE₁₂₂ = 2002 GE₈₀
 2000 YJ₁₂₃ = 2002 LN₄₈
 2000 YU₁₂₃ = 2002 LR₁₈
 2000 YX₁₂₇ = 2002 GH₇₆
 2000 YA₁₂₈ = 1998 KD₃₄ = 2002 GN₈₇

2000 YK₁₂₉ = 2002 JK₁₄₂
 2000 YV₁₃₃ = 2002 GL₁₄₇
 2000 YL₁₃₈ = 2002 GZ₆₃
 2001 AB₂ = 2002 JL₁₃₃
 2001 AF₇ = 2002 GA₁₆₆
 2001 AG₈ = 2002 GM₁₂₇
 2001 AL₈ = 2002 GF₆₁
 2001 AZ₉ = 2002 LE₅₅
 2001 AO₁₀ = 2002 GC₉₀
 2001 AP₁₃ = 2002 LQ₇
 2001 AR₁₆ = 2002 MV₂
 2001 AH₁₉ = 2002 LO₁₇
 2001 AD₂₀ = 2002 GX₁₆₅
 2001 AS₂₅ = 2002 LF₃₃
 2001 AM₂₇ = 2002 LC₈
 2001 AT₃₀ = 2002 LY₁₈
 2001 AV₃₀ = 2002 LB₄
 2001 AW₃₃ = 2002 JR₁₃₅
 2001 AV₃₆ = 2002 LX₅₄
 2001 AY₃₈ = 2002 GX₄₆
 2001 AU₃₉ = 2002 GP₁₁₉
 2001 AR₄₄ = 2002 JV₁₄₂
 2001 BB₆ = 2002 JR₁₂₁
 2001 BQ₆ = 2002 GU₉₇
 2001 BY₆ = 2002 GV₁₃₈
 2001 BU₁₁ = 2002 GB₁₆₀
 2001 BA₁₇ = 2002 LW₁₇
 2001 BB₁₉ = 2002 KY₅
 2001 BH₃₆ = 2002 LL₄₀
 2001 BU₃₇ = 2002 GZ₁₀₉
 2001 BE₄₀ = 2002 LN₁₈
 2001 BD₄₁ = 2002 LZ₄₇
 2001 BK₄₁ = 2002 LL₃₆
 2001 BY₄₅ = 2002 LX₄₇
 2001 BD₄₇ = 2002 GH₁₄₃
 2001 BF₄₇ = 2002 GS₆₄
 2001 BM₅₁ = 2002 JY₁₃₆
 2001 BY₅₃ = 2002 JA₁₄₄
 2001 BZ₅₆ = 2002 LL₃₈
 2001 BH₆₄ = 2002 LO₅₂
 2001 BY₆₆ = 2002 LS₆
 2001 BO₇₀ = 2002 LF₃₂
 2001 BM₇₄ = 2002 LC₁₀
 2001 CT₅ = 2002 LQ₉
 2001 CY₆ = 2002 JQ₁₂₄
 2001 CF₁₄ = 2002 GC₁₂₁
 2001 CG₁₅ = 2002 LS₃₄
 2001 CP₁₆ = 2002 KS₁₁
 2001 CO₂₇ = 2002 LM₂₃
 2001 CD₂₈ = 2002 LX₂₄
 2001 CU₂₈ = 2002 LR₂₈
 2001 CW₂₈ = 2002 JT₁₂₁

2001 CF₃₁ = 2002 LW₂
 2001 CW₃₅ = 2002 LV₄₂
 2001 CJ₃₈ = 1990 DG₂
 2001 CK₄₀ = 2002 KN₁₂
 2001 CN₄₁ = 2002 LT₁₈
 2001 CQ₄₁ = 2002 LD₂
 2001 CV₄₄ = 2002 LS₁₀
 2001 DF₄ = 2002 LH₄₄
 2001 DO₈ = 2002 LR₄₂
 2001 DR₁₀ = 2002 JB₁₂₆
 2001 DC₁₂ = 2002 LP₁
 2001 DA₁₆ = 2002 LO₄₁
 2001 DH₁₆ = 2002 GM₁₁₄
 2001 DU₁₈ = 2002 LX₁₁
 2001 DX₂₄ = 2002 LS₅₂
 2001 DP₃₄ = 2002 LK₄₀
 2001 DV₃₇ = 2002 KE₈
 2001 DS₄₈ = 2002 LB₂₃
 2001 DL₅₁ = 2002 LO₂₆
 2001 DP₆₂ = 2002 LU₈
 2001 DZ₇₃ = 2002 KD₈
 2001 DU₇₅ = 2002 LP₁₄
 2001 DS₇₆ = 2002 LY₂₅
 2001 DB₇₈ = 2002 GK₁₀₄
 2001 DT₈₇ = 1981 CO₁
 2001 DM₉₁ = 2002 JT₁₃₈
 2001 DX₉₂ = 1998 QF₁₁₁ = 2002 JK₁₂₄
 2001 DS₉₆ = 2002 LB₂₄
 2001 DM₉₈ = 2002 JO₁₄₄
 2001 DD₁₀₁ = 2002 JG₁₄₆
 2001 DY₁₀₁ = 2002 LO₉
 2001 DC₁₀₃ = 2002 LV₃₅
 2001 DW₁₀₃ = 1999 TY₂₉₆ = 2002 JP₁₄₀
 2001 DE₁₀₄ = 2002 JZ₃₂
 2001 DT₁₀₄ = 2002 JV₁₂₆
 2001 DP₁₀₅ = 2002 JX₁₁₉
 2001 ES₁₀ = 2002 LB₅₅
 2001 ED₁₄ = 2002 LT₁₂
 2001 ES₁₄ = 2002 KC₈
 2001 EM₁₈ = 2002 LY₆
 2001 FR = 2002 LW₄₀
 2001 FW₁₀ = 2002 LT₃₇
 2001 FQ₁₈ = 2002 JH₇₄
 2001 FN₂₈ = 2002 LV₂₂
 2001 FW₂₈ = 2002 LK₅₄
 2001 FY₅₂ = 2002 KO₉
 2001 FG₆₂ = 2002 LH₄₁
 2001 FV₆₂ = 2002 MZ
 2001 FH₈₂ = 2002 JZ₉
 2001 FV₈₂ = 2002 LZ₅₅
 2001 FT₈₄ = 1976 UQ₁₅ = 2002 LF₁₈
 2001 FH₉₄ = 2002 LR₄₁

2001 FP₉₄ = 2002 LH₂₃
 2001 FH₁₀₂ = 2002 LG₃₀
 2001 FA₁₃₂ = 2002 LM₄₈
 2001 FB₁₃₅ = 2002 LP₂₆
 2001 FO₁₅₅ = 2002 LY₃₉
 2001 FV₁₆₂ = 2002 JY₁₂₇
 2001 FG₁₆₄ = 2002 LC₁₅
 2001 FG₁₇₅ = 2002 LS₃₆
 2001 FR₁₈₈ = 1991 KV = 2002 LE₁₈
 2001 GC₃ = 2002 LE₂₁
 2001 HN₁ = 2002 LQ₄₃
 2001 HA₅₈ = 2000 AA₁₆₁ = 2002 LM₂₇
 2001 KE₁₉ = 2002 LW₃₇
 2001 MR₆ = 2001 OE₁₀₈
 2001 MG₁₇ = 1991 TT₂
 2001 MR₂₆ = 1998 RG₅₀
 2001 NM₄ = 2000 CL₁₂₃
 2001 OC₈₃ = 2000 FW₅₉
 2001 QH₈₈ = 1995 OL₁₃
 2001 QU₁₀₀ = 2000 CE₁₃
 2001 QQ₁₂₁ = 1999 AE₃₉
 2001 QX₁₈₃ = 1994 XN₃
 2001 QK₁₈₈ = 1996 HK₃
 2001 QM₂₃₀ = 2000 EK₁₅₃
 2001 QJ₂₈₉ = 1999 AS₁₆
 2001 RT₉₈ = 2000 HC₈₀
 2001 RZ₁₀₈ = 1994 SG₇
 2001 RL₁₁₀ = 1999 FD₁₂
 2001 RA₁₁₅ = 1997 WP₁₉
 2001 ST₄₂ = 1996 TB₄ = 1999 FU₂
 2001 SF₈₂ = 1999 CX₁₄₇
 2001 SQ₈₈ = 1999 CE₆₉
 2001 SX₁₆₆ = 1999 GN₃
 2001 SQ₁₆₇ = 1994 VP₄
 2001 SS₁₈₈ = 1996 HL₉
 2001 SE₂₀₀ = 1997 RE₁₃
 2001 SA₂₁₄ = 2001 UN₂₁₈ = 2000 GC₁₆₅
 2001 SD₂₈₃ = 1993 TD₁ = 1996 FJ₂₂
 2001 TT₃₃ = 1998 FU₅₂
 2001 TK₁₄₀ = 1994 AH₄
 2001 TK₁₄₃ = 1999 HV₅
 2001 TA₂₀₂ = 1994 NC₄
 2001 TE₂₀₈ = 1996 VY₁₈
 2001 TJ₂₀₉ = 1999 AZ₂₄
 2001 TY₂₁₈ = 1998 FN₈₉
 2001 TY₂₂₁ = 2000 LL₁₀
 2001 TK₂₂₇ = 2002 AL₁₉₆ = 2000 LP₃₇
 2001 UA₃₁ = 1999 JA₁₀
 2001 UC₅₃ = 2000 LR₈
 2001 UU₆₀ = 1999 FZ₅₇
 2001 UD₆₁ = 1998 BF₄₆
 2001 UO₆₁ = 1998 AX₃

2001 UX₆₈ = 1998 EW
 2001 UV₁₀₀ = 1997 UW₁
 2001 UK₁₃₉ = 1997 SY₂₆
 2001 VX₆₈ = 1999 CP₁₅₆
 2001 WK₁₂ = 2000 LJ₁₃
 2001 WR₈₄ = 1996 HC₂₃ = 1996 KW₉
 2001 XV₇₀ = 1995 UY₅₀
 2001 XX₁₆₂ = 2000 QZ₄₅
 2001 XQ₂₀₂ = 1992 EV₂₆
 2001 XX₂₄₅ = 2000 SW₇₇
 2001 XB₂₄₈ = 2000 SF₂₉₉
 2001 YG₈ = 1995 SE₃₉
 2001 YW₈ = 1995 YP₆
 2001 YS₁₃₃ = 2000 QD₂₃₄
 2002 AV₁₈ = 2000 QA₂₄₇
 2002 AN₃₅ = 2000 PD₃₂
 2002 AU₇₁ = 1999 FX₁₂
 2002 AL₇₅ = 3035 T-3
 2002 AY₁₀₆ = 1994 AC₁₄
 2002 AO₁₂₇ = 1998 DH₁₇
 2002 AQ₁₃₈ = 1993 FG₇₃
 2002 AV₁₃₈ = 2000 OZ₆₁
 2002 AX₁₄₀ = 1999 GX₂₁ = 2000 SB₁₉₈
 2002 AM₁₈₂ = 2000 QO₁₁
 2002 AQ₁₈₈ = 1999 TH₁₆₀
 2002 BB₂₆ = 1990 TP₁
 2002 BC₂₈ = 1998 FW₄₁
 2002 BK₂₉ = 1971 UL₁
 2002 CS₆ = 1965 UV₁ = 1999 CF₁₂₆
 2002 CC₃₁ = 2000 UP₃₁
 2002 CW₃₆ = 2000 TB₆₂
 2002 CK₆₉ = 1995 EC₆
 2002 CR₇₀ = 2000 TC₃₀
 2002 CY₇₃ = 2000 WJ₁₅₀
 2002 CR₈₃ = 1996 SH₅
 2002 CL₉₃ = 1999 VC₂₂₉
 2002 CE₁₂₃ = 2002 DH₁
 2002 CZ₁₄₅ = 1997 YQ₃
 2002 CP₁₆₁ = 1999 NP₃₆
 2002 CK₁₆₂ = 2000 TZ₂₈
 2002 CU₁₆₄ = 2000 SE₁₉₇
 2002 CF₁₆₇ = 1998 FM₁
 2002 CK₁₇₆ = 2000 UM₁₁₃
 2002 CJ₁₈₁ = 1995 WC₃₄
 2002 CG₁₈₃ = 1999 RC₁₅₇
 2002 CR₁₉₀ = 2000 SG₁₉₉
 2002 CZ₂₁₆ = /02E80H
 2002 CB₂₂₇ = 1994 RE₉
 2002 CQ₂₃₀ = 1997 XQ₁ = 2001 AE₂₃
 2002 CU₂₃₇ = 1998 MY₁₂
 2002 CJ₂₅₈ = 2000 TL₃
 2002 CK₂₅₈ = 1997 CO₁₅
 2002 CS₂₅₉ = 1999 JX₈₄
 2002 CJ₂₆₁ = 2000 WG₁₆₂
 2002 CV₂₆₃ = 1998 FA₂
 2002 CK₂₈₃ = 2002 EC₁₁₆
 2002 CS₂₉₁ = 2002 ES₁₁₃
 2002 CX₂₉₅ = 1997 YG₁₅
 2002 CV₂₉₈ = 1999 KB₁₅
 2002 DU = 2002 CR₁₁₅
 2002 DB₁₀ = 1999 TL₂₄₁
 2002 DF₁₃ = 2000 TG₁₁
 2002 EA₂ = 1998 BZ₁₇
 2002 EL₄₃ = 1998 BY₃₁
 2002 EH₄₅ = 2000 YZ₈₂
 2002 EU₅₂ = 2002 FF₇
 2002 EQ₆₁ = 2000 WH₃₈
 2002 EV₈₂ = 1998 BR₃₁ = 1999 NC₂₄
 2002 EG₈₅ = 2002 CZ₃₀₄
 2002 EE₁₀₀ = 1996 TM₅₁
 2002 EK₁₁₁ = 1999 NU₃₄
 2002 EZ₁₂₆ = 2000 WH₁₈₂
 2002 EV₁₂₇ = 1992 SR₅
 2002 ED₁₂₉ = 1999 RV₁₉₀
 2002 EE₁₂₉ = 1995 VX₁₄
 2002 ET₁₃₆ = 1996 RQ₃₀
 2002 EH₁₃₉ = 1995 WZ₂₂
 2002 EL₁₄₂ = 1998 DJ₂₈
 2002 EP₁₅₂ = 1999 NZ₅₉
 2002 FF₉ = 1999 RN₂₂₇
 2002 FB₁₃ = 1992 UB₅
 2002 FO₁₃ = 1998 HR₆₅
 2002 FZ₁₄ = 1998 HM₁₁₂
 2002 FK₁₆ = 2000 WG₁₉₃
 2002 FD₁₇ = 1992 BW₂
 2002 FB₂₀ = 4610 T-3
 2002 FC₂₂ = 1998 HM₄₈
 2002 FQ₂₂ = 1999 RF₂₃₀
 2002 FG₃₀ = 1997 GK₃₄
 2002 FY₃₀ = 1999 TP₂₄₀ = 2001 AL₁₁
 2002 FM₃₁ = 2000 WW₁₁₉
 2002 FY₃₂ = 1998 RU₃₇
 2002 FD₃₃ = 1998 HK₄₇
 2002 FY₃₃ = 1999 RE₅₇
 2002 FN₃₄ = 1999 NW₆₂
 2002 FV₃₄ = 1998 QG₈₄
 2002 FT₃₅ = 1994 WQ₆
 2002 FJ₃₇ = 2000 TS₆₄
 2002 FJ₃₈ = 1998 AR₂
 2002 FK₃₈ = 2000 WZ₉₁
 2002 FV₃₈ = 1995 YN₁₀
 2002 GK₁₅ = 1998 FA₁₃₁
 2002 GS₂₀ = 2000 YM₁₃₀
 2002 GR₂₂ = 1998 MK₄₉

2002 GJ₂₃ = 1995 SJ₂₆
 2002 GN₂₃ = 1999 VQ₂₁₉
 2002 GE₂₇ = 1996 SA₂
 2002 GZ₂₈ = 1995 SJ₁₈
 2002 GH₃₃ = 1998 FD₁₃₇
 2002 GO₃₃ = 1999 KY₁₉
 2002 GU₃₃ = 1994 WH₁₀
 2002 GJ₃₄ = 2000 WN₁₅₈
 2002 GK₃₄ = 2000 WO₁₄₅
 2002 GR₃₄ = 1993 UF₅ = 1997 LL₁₄ = 2000 YM₁₄
 2002 GZ₃₄ = 2000 UG₄₈
 2002 GY₃₅ = 1999 UY₅₇
 2002 GJ₃₆ = 1999 RW₂₄₉
 2002 GS₃₆ = 1996 TK₅₃ = 2002 GU₅₈
 2002 GA₃₇ = 1995 UR₆₂
 2002 GG₃₇ = 1998 AG₂
 2002 GR₃₇ = 1995 SG₂₆
 2002 GT₃₇ = 1998 HN₁₂₆
 2002 GX₃₇ = 1991 RG₂₂
 2002 GC₃₈ = 1999 JZ₄ = 2000 WF₁₁₅
 2002 GF₃₈ = 1995 MR
 2002 GK₃₈ = 1995 TR₆
 2002 GT₃₈ = 1999 RH₇₇
 2002 GU₃₈ = 1998 FR₈
 2002 GP₃₉ = 1993 FK₆₄
 2002 GB₄₀ = 1995 OM₇ = 2000 WP₁₀₉
 2002 GF₄₀ = 1995 UT₇₉
 2002 GE₄₁ = 2002 GJ₄₉
 2002 GX₄₁ = 2000 VY₅
 2002 GA₄₂ = 1999 RB₇₄
 2002 GB₄₂ = 1998 MN₁₀
 2002 GD₄₂ = 2000 XE₃₅
 2002 GH₄₂ = 1992 SP₁₃ = 1999 RS₆₄
 2002 GQ₄₂ = 1995 SP₄₁
 2002 GY₄₂ = 1998 DB₃₁
 2002 GG₄₃ = 2000 WG₁₃₁
 2002 GO₄₃ = 2000 VG₁₂
 2002 GS₄₃ = 3342 T-3
 2002 GT₄₃ = 1999 TK₄₂
 2002 GX₄₃ = 1999 TD₂₇₅
 2002 GT₄₄ = 1995 WS₂₃ = 2000 YA₉
 2002 GU₄₄ = 1999 XA₁₂₄
 2002 GX₄₄ = 2000 WB₄₄
 2002 GC₄₅ = 1993 FB₅₉
 2002 GJ₄₅ = 1995 FR₁₂
 2002 GQ₄₅ = 2000 WB₁₃₈
 2002 GM₄₆ = 2000 YV₄₂
 2002 GZ₄₆ = 1995 FJ₁₂
 2002 GA₄₇ = 1999 TW₆₀
 2002 GO₄₇ = 1994 SY₄
 2002 GS₄₇ = 1999 RW₁₈₈
 2002 GQ₄₈ = 1999 XZ₅₁

2002 GZ₄₉ = 1999 NN₆₂
 2002 GF₅₀ = 1999 RQ₂₂₃
 2002 GB₅₁ = 1998 HB₁₅₅ = 2000 VQ₄₀
 2002 GR₅₁ = 1998 FB₂₄
 2002 GZ₅₂ = 2000 UB₈₆
 2002 GO₅₃ = 1998 FP₂₄
 2002 GT₅₃ = 1998 KK₅₀
 2002 GU₅₃ = 2001 AJ₄₈
 2002 GV₅₃ = 1992 EK₂₈ = 2000 WR₁₄₆
 2002 GW₅₃ = 2001 DD₂₃
 2002 GZ₅₃ = 1999 RU₁₆₁
 2002 GA₅₄ = 1993 FT₉
 2002 GM₅₄ = 1999 NR₁₂
 2002 GZ₅₄ = 1999 UN₂₂
 2002 GD₅₅ = 1998 EF₁₇
 2002 GE₅₅ = 2000 WV₂₉
 2002 GN₅₅ = 1989 TM₁₁ = 1996 TP₅₀ = 2000 WL₁₂₀
 2002 GS₅₅ = 1999 ND₄₀ = 1999 TM₈₆
 2002 GY₅₅ = 1998 AC₇
 2002 GA₅₆ = 1999 XK₁₉₄
 2002 GB₅₆ = 1998 VX₄₇
 2002 GN₅₆ = 1998 FN₁₃₆
 2002 GG₅₇ = 1997 AZ₁₅
 2002 GJ₅₇ = 1999 TG₁₉₃
 2002 GQ₅₇ = 1999 RU₂₂₃
 2002 GO₅₈ = 1996 FC₁₄
 2002 GS₅₈ = 1999 NO₄₆
 2002 GC₆₀ = 1998 OQ₅
 2002 GD₆₀ = 1997 ER₄ = 1999 TW₂₈₂
 2002 GX₆₀ = 1999 TR₂₈₆
 2002 GO₆₁ = 1994 TO₉
 2002 GP₆₃ = 2000 AL₂₁₆
 2002 GW₆₃ = 1998 EN₁₈
 2002 GN₆₄ = 1999 NV₄₈
 2002 GP₆₄ = 2000 YZ₁₂₀
 2002 GU₆₄ = 1997 AE₂₄
 2002 GB₆₅ = 1995 SH₄₆ = 1999 TX₈₁
 2002 GF₆₅ = 1996 TR₂₀
 2002 GW₆₅ = 2000 SW₃₂₅
 2002 GX₆₅ = 1999 TZ₃₁₄
 2002 GC₆₆ = 1997 JZ₁ = 2001 AF₂₀
 2002 GS₆₆ = 2000 YE₅₇
 2002 GT₆₆ = 1999 RM₂₄₆
 2002 GA₆₇ = 2000 SC₂₆₁
 2002 GE₆₇ = 1999 TR₃₁₉
 2002 GF₆₇ = 1999 OL₃
 2002 GO₆₇ = 2000 YL₈₁
 2002 GW₆₇ = 2002 GO₆₉ = 1999 RQ₅₉
 2002 GH₆₈ = 2001 DQ₅₃
 2002 GB₆₉ = 1998 BW₁₆
 2002 GP₆₉ = 1994 RH₁₀
 2002 GQ₆₉ = 1996 EQ₁₂

2002 GR₆₉ = 1999 TM₂₈₄
 2002 GR₇₀ = 1998 VW₂₀
 2002 GW₇₀ = 1999 VK₂₁₂
 2002 GA₇₁ = 2000 AG₂₃₅
 2002 GF₇₁ = 1993 FJ₅₇
 2002 GH₇₁ = 1998 HE₁₃₈
 2002 GU₇₁ = 2000 TK₄₈
 2002 GV₇₁ = 1999 TV₃₁₁
 2002 GA₇₂ = 1995 UA₇₂
 2002 GG₇₂ = 2002 FC₁₃ = 1992 SK₄ = 1999 RK₆₉
 2002 GN₇₂ = 1999 JR₁₃₆
 2002 GY₇₂ = 1998 HE₉₅
 2002 GM₇₃ = 1998 ST₉₃
 2002 GP₇₃ = 1999 NB₄₆
 2002 GQ₇₃ = 1999 NW₄₈
 2002 GT₇₃ = 2000 TQ₃₂
 2002 GW₇₃ = 4089 T-3 = 1999 LG₁₈
 2002 GJ₇₄ = 1997 HH₁₇
 2002 GD₇₅ = 2000 WD₉₉
 2002 GF₇₅ = 1996 TY₂₄
 2002 GC₇₆ = 2001 BB₃
 2002 GG₇₆ = 2000 YO₈₄
 2002 GK₇₆ = 1998 KP₅₉
 2002 GL₇₆ = 2001 DB₁₆
 2002 GD₇₇ = 1995 UK₃₄
 2002 GY₇₇ = 2000 YX₈₉
 2002 GA₇₈ = 1999 NG₄₈
 2002 GG₇₈ = 2000 UN₃₃
 2002 GJ₇₉ = 1999 RP₁₂₁
 2002 GW₇₉ = 1998 HV₅₂ = 1999 TZ₆₃
 2002 GC₈₀ = 1999 TF₂₄₀
 2002 GL₈₀ = 1996 RV₄
 2002 GB₈₁ = 1996 RE₂₅ = 1998 EQ₁₈
 2002 GC₈₁ = 2000 YN₁₄₂
 2002 GH₈₁ = 2000 YW₅₅
 2002 GM₈₁ = 1999 NS₆₂
 2002 GT₈₁ = 1997 JD₄
 2002 GX₈₁ = 1999 NX₄₇
 2002 GZ₈₁ = 1998 HM₉₀
 2002 GF₈₂ = 1998 SO₁₂₇
 2002 GH₈₂ = 1992 HJ₃
 2002 GP₈₂ = 1998 QX₁₁₀
 2002 GU₈₂ = 2000 WK₁₃₇
 2002 GV₈₂ = 2001 BX₅
 2002 GW₈₂ = 1998 DR₁₂
 2002 GA₈₃ = 1993 FQ₁₄
 2002 GL₈₃ = 2000 XT₅₁
 2002 GZ₈₃ = 2001 AB₄₁
 2002 GE₈₄ = 1996 EL₅
 2002 GK₈₄ = 1999 SY₁₇
 2002 GT₈₄ = 1998 HT₁₂₂
 2002 GE₈₆ = 1997 EC₁

2002 GM₈₆ = 1999 RU₈₀ = 2000 YD₄₁
 2002 GP₈₆ = 1999 TA₂₃₈
 2002 GT₈₆ = 2000 WM₁₀₆
 2002 GS₈₇ = 1999 RP₄₈
 2002 GA₈₈ = 1998 FU₆ = 1999 NT₄₅
 2002 GC₈₈ = 1997 EW₅₁
 2002 GE₈₈ = 1999 RC₉₃
 2002 GF₈₈ = 1994 PE₂₈
 2002 GN₈₈ = 1998 HN₁₄₂
 2002 GZ₈₈ = 1999 TP₂₃₉
 2002 GB₈₉ = 1998 FQ₉₂
 2002 GJ₉₀ = 1994 GE₈
 2002 GN₉₀ = 1995 WE₄₁
 2002 GU₉₀ = 1993 FT₆₃
 2002 GV₉₀ = 1999 RD₂₄₉
 2002 GH₉₁ = 1999 TX₁₃₅
 2002 GH₉₂ = 2000 YQ₁₀₇
 2002 GW₉₂ = 1996 BG₁₄
 2002 GH₉₃ = 1995 UA₈₀
 2002 GM₉₃ = 2000 VO₄₃
 2002 GT₉₃ = 1999 TO₁₇₅
 2002 GX₉₃ = 2000 YH₇₂
 2002 GL₉₄ = 1999 TM₂₂₆
 2002 GW₉₄ = 1999 XP₁₃₀
 2002 GA₉₅ = 1996 QV₂
 2002 GC₉₅ = 1998 HE₁₅₀
 2002 GK₉₅ = 2000 XH₃₂
 2002 GM₉₅ = 1981 EB₄₄
 2002 GO₉₅ = 2000 YD₁₄₀
 2002 GW₉₅ = 1996 VL₁₄ = 1998 HW₈₂
 2002 GA₉₆ = 1999 NY₂₀
 2002 GG₉₆ = 2000 WM₄₂
 2002 GH₉₆ = 1999 VK₁₂₃
 2002 GL₉₆ = 1995 EV₅ = 1999 NK₃₄
 2002 GR₉₆ = 1996 SL₁
 2002 GT₉₆ = 2000 YU₂₉
 2002 GZ₉₆ = 1997 ER₂₂ = 1999 RO₆₅
 2002 GJ₉₇ = 1982 UD₅ = 1989 TW₂ = 1996 TE₁₂
 2002 GO₉₇ = 1999 TN₂₉₈
 2002 GC₉₈ = 2000 TY₃₅
 2002 GS₉₈ = 1995 VD₁₂ = 1999 TO₁₆₂
 2002 GV₉₈ = 1998 HM₆₇
 2002 GB₉₉ = 1999 NZ₂₀
 2002 GC₉₉ = 2000 WU₁₄₇
 2002 GH₉₉ = 1998 BK₃₁
 2002 GW₉₉ = 2000 WX₁₀
 2002 GS₁₀₀ = 1998 HT₈₄
 2002 GY₁₀₀ = 1995 SQ₁₇
 2002 GC₁₀₁ = 1998 QK₉₉
 2002 GF₁₀₁ = 1997 JG₁₀
 2002 GK₁₀₁ = 2000 YB₇₄
 2002 GQ₁₀₁ = 1998 SQ₈₄

2002 GF₁₀₂ = 1999 TS₂₃₉
 2002 GJ₁₀₂ = 1997 EF₈
 2002 GN₁₀₂ = 2000 TP₅₀
 2002 GC₁₀₃ = 1998 ET₄
 2002 GD₁₀₃ = 2000 VF₆
 2002 GS₁₀₃ = 6684 P-L
 2002 GA₁₀₄ = 1994 AG₁₁ = 2000 WJ₃₇
 2002 GD₁₀₄ = 1998 HZ₂₈
 2002 GS₁₀₄ = 1998 MX₃₈
 2002 GU₁₀₄ = 2000 AH₇₈
 2002 GS₁₀₅ = 1998 NA₁
 2002 GC₁₀₆ = 1993 KS
 2002 GG₁₀₇ = 2000 YM₈₅
 2002 GK₁₀₇ = 1997 MK₁
 2002 GM₁₀₇ = 2001 AP₆
 2002 GT₁₀₇ = 1998 HB₇₂
 2002 GJ₁₀₈ = 1999 VX₂₁₉
 2002 GO₁₀₉ = 1999 RS₅₃
 2002 GQ₁₀₉ = 2001 CA₄₂
 2002 GB₁₁₀ = 1993 FK₇₀ = 2000 VZ₂₆
 2002 GU₁₁₀ = 1992 TM
 2002 GA₁₁₁ = 2000 XN₁₄
 2002 GM₁₁₁ = 2000 SV₂₅₂
 2002 GO₁₁₂ = 1999 NQ₄₂
 2002 GV₁₁₂ = 1998 RB₁₅
 2002 GT₁₁₃ = 1998 HB₁₂₁
 2002 GY₁₁₃ = 2000 VQ₄₇
 2002 GK₁₁₅ = 2000 UQ₈₅
 2002 GO₁₁₅ = 1998 HS₁₁₀
 2002 GJ₁₁₆ = 1999 NT₃₇
 2002 GL₁₁₇ = 1998 HY₁₅₅
 2002 GX₁₁₇ = 2001 BT₃₉
 2002 GB₁₁₈ = 1998 EN₄ = 2000 WU₇
 2002 GJ₁₁₈ = 1999 RB₇₂
 2002 GS₁₁₈ = 1999 PH₆ = 2000 YW₈₃
 2002 GY₁₁₈ = 1998 FG₁₃₅
 2002 GZ₁₁₈ = 1998 BM₃₂
 2002 GS₁₁₉ = 1994 VG₈
 2002 GM₁₂₁ = 1998 XV₃₀
 2002 GC₁₂₂ = 1996 FR₁₂
 2002 GG₁₂₂ = 1999 TM₂₇₇
 2002 GL₁₂₅ = 1992 SV₁₈
 2002 GV₁₂₅ = 1998 HD₅₅ = 2000 YB₇₁
 2002 GZ₁₂₅ = 1999 RX₁₆₂
 2002 GR₁₂₆ = 1998 KV₆₇
 2002 GB₁₂₇ = 1998 HH₈₅
 2002 GJ₁₂₇ = 2000 YZ₇₅
 2002 GO₁₂₈ = 1999 TD₃₀₁
 2002 GT₁₂₈ = 2000 YD₁₃₄
 2002 GV₁₂₉ = 2000 VW₆₃
 2002 GE₁₃₂ = 1993 FC₆₇
 2002 GJ₁₃₃ = 1999 XP₂₃₆

2002 GG₁₃₄ = 1998 DV₂₈
 2002 GR₁₃₅ = 2000 WL₈₄
 2002 GK₁₃₆ = 2000 TU₄₃
 2002 GB₁₃₇ = 2000 WC₈₃
 2002 GU₁₃₇ = 1999 VZ₁₅₀
 2002 GE₁₃₉ = 1994 PM₃₂ = 1999 RM₆₅
 2002 GA₁₄₀ = 2001 BU₁₈
 2002 GS₁₄₀ = 2001 DL₄
 2002 GU₁₄₁ = 1996 VL₂₁
 2002 GO₁₄₃ = 1996 TD₅₃
 2002 GZ₁₄₃ = 1992 HB₇ = 2000 WM₃₇
 2002 GH₁₄₄ = 2000 YT₇₃
 2002 GK₁₄₄ = 2000 WM₁₀₂
 2002 GV₁₄₄ = 7614 P-L
 2002 GP₁₄₅ = 1995 UC₄₂
 2002 GC₁₄₆ = 1999 NN₃₁
 2002 GO₁₄₆ = 2001 BT₁₁
 2002 GH₁₅₀ = 1995 SX₂₀
 2002 GO₁₅₀ = 2001 DV₄₅
 2002 GP₁₅₀ = 1998 SS₃₁
 2002 GY₁₅₀ = 1998 SQ₁₆₈
 2002 GM₁₅₂ = 1999 RW₆₄
 2002 GG₁₅₃ = 1998 HO₁₁₄
 2002 GK₁₅₃ = 2001 AW₇
 2002 GA₁₅₄ = 1998 VC₅₁
 2002 GE₁₅₄ = 2000 TW₆₆
 2002 GO₁₅₄ = 1999 LU₁₀
 2002 GT₁₅₆ = 1999 VF₆₉
 2002 GA₁₅₇ = 1993 TX₄₆
 2002 GZ₁₅₈ = 1998 BJ₂₂
 2002 GX₁₅₉ = 1986 PO₁ = 1998 DK₂₆ = 1999 LC₂₂
 2002 GT₁₆₀ = 1999 TR₃₁₀
 2002 GK₁₆₁ = 1995 UT₇₆
 2002 GC₁₆₃ = 1997 GE₁₆ = 1999 TW₂₁₁
 2002 GD₁₆₃ = 1998 GE₁₂
 2002 GM₁₆₃ = 1991 LC₃
 2002 GC₁₆₄ = 1999 RF₂₄₈
 2002 GQ₁₆₄ = 1998 ON
 2002 GK₁₆₅ = 2000 YJ₇₇
 2002 GC₁₆₆ = 1998 KP₃₉
 2002 GE₁₆₆ = 1998 KM₆₀
 2002 HS₆ = 1999 NG₂₆
 2002 HS₁₂ = 1998 HG₁₁₃ = 1999 TE₂₄₀
 2002 HN₁₄ = 1997 EU₂₂
 2002 HO₁₄ = 1999 NN₄₂ = 2000 WK₁₄₈
 2002 HV₁₄ = 1995 SK₇₇
 2002 HC₁₅ = 1993 YW
 2002 HM₁₅ = 1999 RW₅₃ = 2000 YK₈₃
 2002 HC₁₆ = 1994 JK₇
 2002 HK₁₆ = 1994 JC₄
 2002 HW₁₆ = 2001 DX₁₀₄
 2002 HQ₁₇ = 2000 YS₉₁

2002 JJ₁ = 1972 TJ₉ = 1995 HE₄ = 2001 AG₉
 2002 JK₁ = 1998 QJ₇₉
 2002 JQ₃ = 2001 BW₈₁
 2002 JT₄ = 1999 CY₆
 2002 JV₅ = 1997 LO₁
 2002 JK₆ = 1995 YF₁₇
 2002 JZ₇ = 1991 NU₈
 2002 JC₁₀ = 2000 YP₂₈
 2002 JO₁₃ = 2000 YB₇₆
 2002 JT₁₈ = 1999 RC₃₉
 2002 JJ₁₉ = 1999 ND₂₇
 2002 JM₂₂ = 2000 XV₃₇
 2002 JR₂₄ = 1999 TB₃₂₆
 2002 JO₂₅ = 1996 LB₅ = 1999 VQ₁₇₀
 2002 JA₂₇ = 2001 AA₃₆
 2002 JF₂₇ = 1994 LV₅ = 1999 XG₁₁₂
 2002 JU₂₇ = 1996 TU₁₂ = 1999 NE₃
 2002 JZ₂₇ = 2001 CL₂₄
 2002 JN₂₉ = 1998 RZ₄₆
 2002 JS₂₉ = 1999 TA₂₈₄
 2002 JJ₃₀ = 1998 XY₁₈
 2002 JP₃₀ = 1995 UY₃₀
 2002 JX₃₀ = 1999 XT₇₉
 2002 JX₃₁ = 1998 FV₅₁ = 2000 US₅₂
 2002 JV₃₂ = 2000 AU₁₅₃
 2002 JX₃₂ = 1996 FC₁₁
 2002 JC₃₃ = 1996 XE₂₄
 2002 JM₃₃ = 2071 T-1
 2002 JT₃₃ = 2000 RV₁₀
 2002 JV₃₃ = 1999 XR₂₅₇
 2002 JY₃₃ = 2000 YT₃₆
 2002 JA₃₄ = 2000 YC₆₉
 2002 JH₃₄ = 2001 AX₂₁
 2002 JO₃₄ = 2001 AM₆
 2002 JR₃₄ = 1999 NF₂₂
 2002 JY₃₄ = 2000 YP₁₃
 2002 JC₃₅ = 2000 YC₇₀
 2002 JE₃₅ = 1999 RK₁₄₁
 2002 JN₃₅ = 1982 JQ₂
 2002 JC₃₈ = 1997 MT₁₀
 2002 JH₃₈ = 2001 BQ₃₅
 2002 JC₃₉ = 1998 BY₁₈
 2002 JW₃₉ = 1998 XT₉₉
 2002 JC₄₀ = 2000 WQ₃₆
 2002 JO₄₀ = 2816 P-L
 2002 JT₄₀ = 1989 UV₂ = 2000 RY₁₀
 2002 JV₄₁ = 1999 TR₃₀₄
 2002 JG₄₄ = 4565 P-L
 2002 JE₄₆ = 1999 TW₆₉
 2002 JJ₄₆ = 1997 GS₂₉ = 1999 TG₅₆
 2002 JO₄₆ = 1999 RA₁₃₁
 2002 JP₄₇ = 2000 WQ₇₆

2002 JR₄₈ = 1053 T-3
 2002 JG₄₉ = 1999 PL₂
 2002 JM₄₉ = 1999 YS₂₅
 2002 JN₄₉ = 2000 WN₇₈
 2002 JD₅₀ = 1998 BC₃₈ = 2000 WY₇₃
 2002 JF₅₀ = 1996 PQ₆
 2002 JG₅₀ = 3123 T-1
 2002 JH₅₀ = 2000 WD₈₅
 2002 JV₅₀ = 1999 RS₁₈₈
 2002 JZ₅₀ = 1998 FO₁₂₉
 2002 JL₅₁ = 1999 TT₁₄₀
 2002 JM₅₁ = 1998 HM₉₇
 2002 JX₅₁ = 1995 SO₃₇
 2002 JP₅₂ = 3084 T-1 = 1998 EU₂
 2002 JS₅₂ = 1999 TP₁₆₀
 2002 JZ₅₇ = 2001 FP₁₇₄
 2002 JG₅₈ = 1999 TA₂₉₇
 2002 JP₅₈ = 1997 UB₄
 2002 JV₅₈ = 1999 RS₅₈
 2002 JA₅₉ = 1997 EK₅₆
 2002 JK₅₉ = 1998 SJ₄₄
 2002 JW₅₉ = 1999 TN₂₉₅
 2002 JY₅₉ = 1993 FC₇₃ = 1998 MY₂₂
 2002 JL₆₀ = 1999 WG₂₃
 2002 JR₆₀ = 1999 TX₁₉₉
 2002 JH₆₁ = 5079 T-3
 2002 JL₆₂ = 1998 UJ₁₂
 2002 JO₆₂ = 1996 LV₅ = 1998 SH₁₅₁ = 1999 XJ₃₉
 2002 JZ₆₂ = 1993 RY₁₇ = 1998 RY₄₁
 2002 JO₆₃ = 1998 KF₄₈ = 2001 BA₂₂
 2002 JP₆₃ = 1999 RM₂₁₉
 2002 JS₆₃ = 1998 DV₂
 2002 JD₆₄ = 1998 UC₄₉
 2002 JJ₆₄ = 1999 TY₁₃₃
 2002 JT₆₄ = 2001 BN₁₇
 2002 JW₆₄ = 1997 NL₁₀
 2002 JX₆₄ = 2001 AG₂₁
 2002 JB₆₅ = 2001 BF₈₁
 2002 JC₆₅ = 1998 AX₅
 2002 JF₆₅ = 1998 MQ₄₁
 2002 JH₆₅ = 1998 HW₃₆
 2002 JL₆₅ = 1996 JM₁₂
 2002 JS₆₅ = 2000 TR₂₂
 2002 JU₆₅ = 2000 AA₁₅
 2002 JW₆₅ = 1999 TJ₂₇₃
 2002 JA₆₆ = 1998 LN₁
 2002 JQ₆₆ = 1999 TU₂₃₂
 2002 JV₆₆ = 1998 HU₂₅
 2002 JZ₆₆ = 1995 EU₆
 2002 JG₆₇ = 1997 CE₂₄
 2002 JK₆₇ = 2000 YU₇₅
 2002 JN₆₇ = 1998 MQ₃₀

2002 JZ₆₇ = 1998 HC₁₇
 2002 JR₆₉ = 1999 TA₃₁₀
 2002 JO₇₀ = 2234 T-3
 2002 JH₇₃ = 1998 HX₁₅₅
 2002 JO₇₃ = 1999 XY₃₈
 2002 JW₇₃ = 2000 YB₇₈
 2002 JC₇₅ = 1998 FK₁₂₄
 2002 JK₇₅ = 1998 HK₅₅ = 1999 VW₁₉₁
 2002 JF₇₆ = 1999 RV₂₂₃
 2002 JA₇₉ = 1998 FE₄₃
 2002 JP₇₉ = 1999 NY₆
 2002 JB₈₀ = 1999 TC₂₄₅
 2002 JR₈₀ = 1999 TS₃₁₈
 2002 JF₈₁ = 1992 ST₃
 2002 JM₈₁ = 2000 TT₆₅
 2002 JU₈₁ = 1999 XN₂₄₄
 2002 JX₈₁ = 1999 TJ₁₅₉
 2002 JO₈₃ = 1998 HQ₁₄
 2002 JK₈₄ = 1999 TY₁₆₇
 2002 JY₈₅ = 1999 TN₅₅
 2002 JN₈₆ = 1997 KM₂
 2002 JM₈₇ = 1999 XD₁₉₉
 2002 JR₈₇ = 1998 US₄₅
 2002 JM₈₈ = 1993 TU₃₀
 2002 JU₈₉ = 1999 OW₄
 2002 JH₉₀ = 1998 EW₁₇ = 2000 TE₃₆
 2002 JC₉₁ = 2001 EK₂₅
 2002 JJ₉₁ = 1999 WF₂₆ = 2001 DW₁₀₂
 2002 JW₉₂ = 1999 VQ₁₄₉
 2002 JP₉₃ = 1995 UF₄₈
 2002 JV₉₃ = 1999 TE₂₇₈
 2002 JE₉₄ = 1999 XR₂₃₂
 2002 JJ₉₄ = 1995 WU₄₀
 2002 JV₉₄ = 2000 WS₁₃₈
 2002 JE₉₅ = 1999 TQ₅₇
 2002 JH₉₅ = 1998 HN₆₉
 2002 JL₉₅ = 1998 WX₂₈
 2002 JR₉₅ = 1998 HU₇₆
 2002 JA₉₆ = 1999 RJ₇₃
 2002 JE₉₈ = 1994 RF₁₃
 2002 JX₉₉ = 1998 MF₂₃
 2002 JB₁₀₀ = 2001 FH₁₈₄
 2002 JD₁₀₁ = 1999 RA₂₃₇ = 2001 DV₉₄
 2002 JK₁₀₁ = 2000 YG₁₂
 2002 JV₁₀₁ = 1837 T-3
 2002 JA₁₀₂ = 2000 UA₇₆
 2002 JD₁₀₂ = 1998 FH₁₄₂
 2002 JE₁₀₂ = 1998 TK₃₇
 2002 JF₁₀₂ = 1990 OR₁ = 2000 AL₂₀₈
 2002 JG₁₀₂ = 1998 HV₇₅ = 2000 YL₇₀
 2002 JH₁₀₂ = 1998 HU₁₃₄
 2002 JK₁₀₂ = 2001 DF₄₃

2002 JU₁₀₂ = 1997 LJ₈
 2002 JC₁₀₃ = 2001 DV₂₂
 2002 JH₁₀₃ = 1999 TT₂₅₁
 2002 JS₁₀₃ = 1999 XS₁₄₈
 2002 JU₁₀₃ = 1995 BF₆
 2002 JV₁₀₃ = 1993 FD₄₃ = 1995 UQ₂₄
 2002 JY₁₀₃ = 1998 DW₁₉
 2002 JC₁₀₄ = 1999 XW₇₇
 2002 JK₁₀₅ = 2000 BM₃₆
 2002 JL₁₀₅ = 1992 SQ₉ = 1996 GX₁₇
 2002 JN₁₀₅ = 2000 WB₁₄₄
 2002 JA₁₀₆ = 1998 HG₁₀
 2002 JV₁₀₇ = 2000 YK₇₂
 2002 JM₁₀₉ = 1999 TN₂₇₆
 2002 JO₁₀₉ = 1999 VG₂₂₂
 2002 JE₁₁₀ = 1999 RR₂₅₁
 2002 JL₁₁₀ = 1998 AE₃
 2002 JV₁₁₀ = 2000 AJ₁₁₀
 2002 JA₁₁₁ = 2001 DU₉₄
 2002 JD₁₁₁ = 1999 RA₅₆
 2002 JS₁₁₁ = 1999 TW₈₆
 2002 JW₁₁₁ = 1999 TR₈₆
 2002 JC₁₁₂ = 1994 NE₄
 2002 JL₁₁₂ = 1999 TD₂₀₆
 2002 JM₁₁₂ = 1998 HO₁₄
 2002 JZ₁₁₂ = 1999 TY₂₉₇
 2002 JT₁₁₄ = 2001 BR₃₅
 2002 JX₁₁₄ = 1998 MK₁₁ = 1999 TS₂₄₈
 2002 JX₁₁₆ = 2000 YA₅₆
 2002 JR₁₁₇ = 1998 KJ₅₃
 2002 JE₁₁₈ = 2001 CZ₄₀
 2002 JR₁₁₈ = 1998 MR₁₁
 2002 JY₁₁₈ = 1998 GT₇
 2002 JA₁₁₉ = 1999 PN
 2002 JN₁₁₉ = 1998 MX₄₄
 2002 JP₁₁₉ = 2001 AC₂₈
 2002 JS₁₁₉ = 1998 KO₆₀
 2002 JB₁₂₀ = 1999 VO₈₅
 2002 JF₁₂₀ = 1994 PX₂₈
 2002 JA₁₂₁ = 1998 KV₈
 2002 JM₁₂₁ = 1994 PZ₁₄
 2002 JU₁₂₁ = 2000 WK₁₈₄
 2002 JE₁₂₂ = 1999 TB₁₈₆
 2002 JV₁₂₂ = 1998 QK₁₁
 2002 JK₁₂₃ = 1998 SC₉₆
 2002 JS₁₂₃ = 2000 YD₇₇
 2002 JT₁₂₃ = 2000 WD₁₀₄
 2002 JF₁₂₄ = 1995 XW₃
 2002 JD₁₂₅ = 1996 TX₂₃
 2002 JM₁₂₅ = 1999 TY₆₄
 2002 JZ₁₂₅ = 2000 WF₂₄
 2002 JQ₁₂₇ = 1999 RC₁₈₃

2002 JA₁₂₈ = 1994 NY₆ = 2001 AM₅₁
 2002 JB₁₂₈ = 1994 SG₉ = 1997 GB₁₀
 2002 JS₁₂₈ = 1994 PS₃₄ = 1997 CM₈
 2002 JE₁₂₉ = 1993 FP₅₆
 2002 JQ₁₂₉ = 2000 AU₇₆
 2002 JZ₁₂₉ = 1999 TL₂₃₉
 2002 JF₁₃₀ = 1997 NS₉
 2002 JG₁₃₀ = 1995 FT₁₇
 2002 JL₁₃₂ = 1999 UW₅₉
 2002 JM₁₃₂ = 1999 VA₂₀₈
 2002 JD₁₃₃ = 1998 QO₇₂
 2002 JG₁₃₃ = 1996 VQ₂₆
 2002 JN₁₃₃ = 1997 HD₁₄ = 1999 VU₂₁₀ = 2001 DA₉₆
 2002 JG₁₃₄ = 1998 SC₁₀₅
 2002 JH₁₃₄ = 1999 TZ₂₄₆
 2002 JL₁₃₅ = 1998 FP₁₃₃
 2002 JO₁₃₅ = 2000 AB₉₄
 2002 JW₁₃₅ = 1999 TH₁₃₉
 2002 JD₁₃₆ = 1999 RL₁₄₉
 2002 JO₁₃₈ = 1999 VY₁₂₆
 2002 JW₁₃₈ = 1997 GV₂₄ = 1999 VZ₂₂₈
 2002 JC₁₄₀ = 1996 TN₂
 2002 JH₁₄₀ = 1998 HY₁₄₀
 2002 JR₁₄₀ = 2001 DE₅₆
 2002 JD₁₄₁ = 2001 BE₄₇
 2002 JG₁₄₂ = 2001 AW₃₆
 2002 JM₁₄₃ = 1999 RV₆₀
 2002 JC₁₄₄ = 1995 US₆₃
 2002 JE₁₄₄ = 1998 KY₅₉
 2002 JM₁₄₄ = 2000 WO₁₆₂
 2002 JP₁₄₆ = 1999 TA₇₉
 2002 KB = 1987 WK₁
 2002 KF₁ = 2000 SW₈
 2002 KV₁ = 2001 BE₃₇
 2002 KC₂ = 1998 QZ₇₈
 2002 KE₂ = 2001 DN₉₇
 2002 KN₂ = 1999 RP₅₁
 2002 KQ₂ = 1995 YN₁₇
 2002 KW₂ = 2000 VH₆
 2002 KF₃ = 1999 VF₂₀₃
 2002 KV₃ = 2000 ST₁₆₃
 2002 KD₄ = 2000 YM₁₂₉
 2002 KO₄ = 1998 FD₄₁ = 1999 QC₁
 2002 KP₄ = 2000 YW₂₀
 2002 KY₄ = 2000 YG₄₈
 2002 KD₅ = 1996 JD₃
 2002 KP₅ = 2001 FQ₁₃₄
 2002 KS₅ = 1999 TR₂₈₈
 2002 KV₅ = 1998 VG₂₇
 2002 KX₅ = 1998 HV₁₄₀
 2002 KZ₅ = 1999 WE₂₃
 2002 KG₆ = 1998 XN₃₇ = 2000 GY₁₅₁
 2002 KW₆ = 1998 HA₄₉ = 2001 BQ₃₆
 2002 KP₇ = 2000 DJ₁₀₈ = 2001 DY₈₇
 2002 KU₇ = 2001 CN₁₄
 2002 KL₈ = 1994 RK
 2002 KP₈ = 1995 OV₁₆
 2002 KS₈ = 2001 FR₁₈₆
 2002 KY₈ = 1999 NS₂₁
 2002 KA₉ = 1999 RL₂₅₅
 2002 KD₉ = 1995 UX₅₄
 2002 KL₉ = 6869 P-L
 2002 KM₉ = 1998 MH₅
 2002 KQ₁₂ = 1999 TZ₂₇₇
 2002 KA₁₃ = 1481 T-2 = 2001 DF₇₉
 2002 KB₁₃ = 1996 VN₃₉
 2002 KU₁₃ = 1998 SE₁₅₃
 2002 KX₁₃ = 1995 WQ₂₁
 2002 KY₁₃ = 1996 HE₅
 2002 KE₁₄ = 1996 XG₁₈
 2002 KT₁₄ = 2001 FC₁₀₄
 2002 KU₁₄ = 2001 DB₁₀₅
 2002 LF = 2000 WF₃₄
 2002 LC₁ = 1999 TD₂₅₈
 2002 LM₁ = 1995 WA₂₂
 2002 LS₁ = 1995 SL₇₁
 2002 LM₂ = 1999 RU₂₂₇
 2002 LO₂ = 1998 MP₈
 2002 LV₃ = 1998 SA₉₇ = 2001 DU₄₂
 2002 LJ₄ = 1999 RE₂₃₄
 2002 LP₄ = 1999 RB₆₉
 2002 LR₄ = 2001 AR₃₈
 2002 LU₄ = 1998 HW₁₀₇
 2002 LF₅ = 2001 DC₆₇
 2002 LH₅ = 1958 TX = 1987 MT = 1992 OC₁ = 1994 AP₁₅
 2002 LJ₅ = 2001 KE₆₂
 2002 LL₅ = 2000 AR₁₃
 2002 LJ₆ = 1999 XR₂₄₈
 2002 LQ₆ = 1997 OY₂
 2002 LT₆ = 2001 EJ₂₂
 2002 LW₆ = 1998 UK₃₇
 2002 LF₇ = 1997 EY₅₈ = 1999 RX₂₄₁
 2002 LH₇ = 1998 EJ₁₈
 2002 LJ₇ = 1993 FH₆₁ = 1995 YW₁₃
 2002 LR₇ = 1997 WN₂₃ = 2000 WH₁₈₄
 2002 LY₇ = 2001 AK₃
 2002 LZ₇ = 2001 BS₁₈
 2002 LE₈ = 2001 DK₂₆
 2002 LG₈ = 1998 SW₉₁
 2002 LM₈ = 2000 WF₃₅
 2002 LP₈ = 1999 NO₄₀
 2002 LV₈ = 2001 FT₉
 2002 LW₈ = 1999 TD₃₁₆
 2002 LP₉ = 1995 SH₂₉

2002 LX₉ = 1999 TV₂₃₅
 2002 LZ₁₀ = 2000 AG₂₄₁
 2002 LA₁₁ = 2000 YE₇₂
 2002 LF₁₁ = 2001 DH₉₀
 2002 LJ₁₁ = 1999 VM₁₀₄
 2002 LR₁₁ = 1994 AA₇
 2002 LT₁₁ = 1998 HH₁₄₄
 2002 LK₁₂ = 1999 RQ₂₃₅
 2002 LL₁₂ = 1999 VB₂₂₃
 2002 LM₁₂ = 1998 DH₃₀
 2002 LN₁₂ = 1993 BE₁₁
 2002 LR₁₂ = 1997 MB₁₁
 2002 LS₁₂ = 1999 RL₁₈₇
 2002 LV₁₂ = 1990 VC₁₃ = 2000 AA₁₀₈
 2002 LX₁₂ = 1998 MS₂₆
 2002 LA₁₃ = 1998 QP₇
 2002 LD₁₃ = 2001 KQ₆₃
 2002 LP₁₃ = 2001 DU₁₀₅
 2002 LS₁₃ = 1998 QJ₈₁
 2002 LC₁₄ = 1999 TJ₂₇₆
 2002 LD₁₄ = 1999 TY₅₅
 2002 LJ₁₄ = 1991 VU₇
 2002 LS₁₄ = 2000 YT₉₃
 2002 LO₁₅ = 1998 HC₁₅₂
 2002 LT₁₅ = 1999 TB₁₆₀
 2002 LU₁₅ = 2001 AF₃₀
 2002 LP₁₆ = 2000 AW₁₁₂
 2002 LG₁₇ = 1998 BR₃₈
 2002 LM₁₇ = 1998 FL₅₉
 2002 LO₁₈ = 1999 TQ₂₇₅
 2002 LD₁₉ = 1995 WM₃₄
 2002 LN₁₉ = 2000 YK₈₀
 2002 LT₁₉ = 1998 KZ₁₃
 2002 LJ₂₀ = 1998 RG₂₉
 2002 LR₂₀ = 1995 MO₄
 2002 LF₂₁ = 1997 PX₄
 2002 LA₂₂ = 1994 CL₇
 2002 LA₂₃ = 2001 FN₁₃
 2002 LO₂₃ = 2001 BA₃₇
 2002 LR₂₃ = 2001 DB₅₀
 2002 LW₂₄ = 1998 QF₆
 2002 LE₂₅ = 1993 FB₇₃ = 2001 BR₁₃
 2002 LN₂₅ = 1997 NT₁
 2002 LT₂₅ = 1999 XS₁₅₄
 2002 LJ₂₆ = 1995 SQ₄₃
 2002 LK₂₆ = 1998 AN₁
 2002 LL₂₆ = 2000 YU₇₁
 2002 LN₂₆ = 1998 HV₅₅
 2002 LO₂₇ = 1999 XF₁₄₂
 2002 LS₂₇ = 1998 FQ₄₃
 2002 LC₂₈ = 2000 AJ₂₃₂
 2002 LK₂₈ = 1999 RL₆₃

2002 LL₃₀ = 1997 EU₃₅
 2002 LX₃₀ = 1998 UC₅
 2002 LH₃₁ = 1998 RH₅₁
 2002 LM₃₂ = 1998 FP₅₉
 2002 LN₃₃ = 1999 TP₁₉₄
 2002 LZ₃₄ = 2001 FU₉
 2002 LW₃₅ = 2000 AH₄₀
 2002 LM₃₆ = 1976 UC₁ = 1998 XN₆₆
 2002 LF₃₈ = 1999 XL₂₃₇
 2002 LR₃₈ = 1994 RH₈
 2002 LL₃₉ = 1995 UB₂₉
 2002 LL₄₃ = 1998 QS₁₁₀
 2002 LW₄₃ = 1989 ST₁₂ = 2000 AA₁₉₇
 2002 LO₄₄ = 1999 TN₁₆₀
 2002 LW₄₄ = 1998 NX
 2002 LJ₄₅ = 1995 VK₇
 2002 LP₄₅ = 1993 YC₂
 2002 LS₄₇ = 2001 FA₁₆₇
 2002 LQ₄₈ = 1998 SN₁₇₀ = 2000 AQ₁₁₀
 2002 LF₅₁ = 1995 WH₃₃
 2002 LT₅₁ = 1998 SW₁₀₉
 2002 LW₅₁ = 1999 RB₂₄₀
 2002 LD₅₂ = 1998 OD₃
 2002 LQ₅₂ = 2000 AD₁₆₂ = 2001 FT₁₇₆
 2002 LZ₅₃ = 1998 RC₁₅ = 2001 FV₁₀₅
 2002 LB₅₈ = 2001 HJ₄₂
 2002 MA = 2001 FU₁₇₅
 4819 P-L = 1998 SF₁₈ = 2002 GC₇₂
 7579 P-L = 2002 GA₁₄₆
 1020 T-2 = 1999 RB₂₂₈ = 2002 GR₁₄₁
 1096 T-2 = 2002 GG₁₄₀
 1271 T-2 = 2002 GF₉₂
 1297 T-2 = 2002 JB₂₈
 2041 T-2 = 1999 XG₁₃₇
 3045 T-2 = 2002 LO₅₈
 3196 T-2 = 2002 GQ₁₄₀
 1082 T-3 = 1998 SK₆₉
 2178 T-3 = 2002 LN₇
 4307 T-3 = 2002 LC₇
 5177 T-3 = 2001 TH₂₀₁

NEW NAMES OF MINOR PLANETS

(4853) Marielukac = 1979 ML

Discovered 1979 June 28 by C. Torres at Cerro El Roble.

A staff member of the U.S. Nautical Office since 1971, Marie R. Lukac (b. 1947) has played a major role in the continuing integrity of the data in *The Astronomical Almanac* (notably the list of observatories), *The Air Almanac* and *The Nautical Almanac*. This minor planet is named on the occasion of her retirement.

(5308) Hutchison = 1981 DC₂

Discovered 1981 Feb. 28 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Robert Hutchison (b. 1938) recently retired as curator of meteorites at the Natural History Museum in London. His chemical, mineralogical and petrological studies of chondritic meteorites have advanced our understanding of the early solar system processes leading to the formation of chondrites.

(5309) MacPherson = 1981 ED₂₅

Discovered 1981 Mar. 2 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Glenn MacPherson (b. 1950), curator at the Smithsonian's National Museum of Natural History, has studied chondrules and Ca-Al-rich inclusions to investigate the nebular processes that formed chondritic meteorites. His work on short-lived isotopes has helped constrain the timing of these processes.

(5310) Papike = 1981 EP₂₆

Discovered 1981 Mar. 2 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

James Papike (b. 1937), director emeritus of the Institute of Meteoritics at the University of New Mexico, is one of the world's foremost experts on the mineralogy and petrology of planetary materials. His studies of lunar rocks have helped reveal the complexity of the earth's nearest neighbor.

(5345) Boynton = 1981 EY₈

Discovered 1981 Mar. 1 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

William Boynton (b. 1944), professor of cosmochemistry and geochemistry at the University of Arizona, has measured elemental abundances in meteorites as a means of probing the early history of the solar system. He is the team leader for the γ -ray spectrometer on the Mars Odyssey spacecraft.

(5366) Rhianjones = 1981 EY₃₀

Discovered 1981 Mar. 2 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Rhian Jones (b. 1960) is an experimental and sample petrologist at the Institute of Meteoritics at the University of New Mexico. His work has enhanced our understanding of processes by which chondrules were formed in the solar nebula and later modified by heat and fluids on minor planets.

(5395) Shosasaki = 1988 RK₁₁

Discovered 1988 Sept. 14 by S. J. Bus at Cerro Tololo.

Sho Sasaki (b. 1960), a professor at the University of Tokyo, has carried out laser irradiation experiments to simulate the processes of lunar-like space weathering. He is also a lead researcher in interplanetary dust particle experiments that are part of many Japanese planetary missions.

(5479) Grahamryder = 1989 UT₅

Discovered 1989 Oct. 30 by S. J. Bus at Cerro Tololo.

Graham Ryder (1949-2002) was a U.S. lunar scientist who pioneered several important concepts about the moon and its evolution. He was among the first to recognize evidence in the lunar sample collection that mare volcanism began very early in lunar history, before the period of late heavy bombardment had ended.

(5497) Sararussell = 1975 SS

Discovered 1975 Sept. 30 by S. J. Bus at Palomar.

As a researcher at the Natural History Museum in London, Sara Russell (b. 1966) studies the chemistry and mineralogy of meteorites to investigate the early solar

system and origin of interstellar grains. She has collected meteorites in both hot and cold deserts and is principal editor of the *Meteoritical Bulletin*.

(5662) Wendycalvin = 1981 EL₄

Discovered 1981 Mar. 2 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Wendy Calvin (b. 1961) has made many important contributions to the field of planetary spectroscopy. Her work has included spectral studies of the martian surface and polar caps, Charon, Callisto and Ganymede. She has also helped pioneer the concept of using aircraft in the exploration of Mars.

(5663) McKeegan = 1981 EQ₁₂

Discovered 1981 Mar. 1 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Kevin McKeegan (b. 1958), professor of geochemistry at the University of California in Los Angeles, has pioneered isotopic measurements with the ion microprobe and used the data to decipher the origins and histories of interplanetary dust particles, as well as refractory inclusions in chondrites.

(5664) Eugster = 1981 EX₄₃

Discovered 1981 Mar. 6 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Otto Eugster (b. 1938), professor at the University of Bern, investigates the chronologies and exposure histories of meteorites in space based on cosmic-ray effects. His work on the cosmic-ray exposure of lunar regolith has been fundamental to understanding the complex history of lunar materials.

(5665) Begemann = 1982 BD₁₃

Discovered 1982 Jan. 30 by S. J. Bus at Palomar.

Friedrich Begemann (b. 1927), director emeritus of the Max-Planck-Institut für Chemie at Mainz, is a pioneering cosmochemist who determined the first cosmic-ray-exposure age of a meteorite. He later investigated isotopic anomalies in meteorites and established the physical conditions that produced these anomalies.

(5760) Mittlefehldt = 1981 EX₁₃

Discovered 1981 Mar. 1 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

David (Duck) Mittlefehldt (b. 1951) of NASA's Johnson Space Center has applied petrologic and geochemical techniques to understanding the origin and evolution of differentiated planets, major and minor. He is a leading expert on both asteroidal basalts and martian meteorites.

(5761) Andreivanov = 1981 ED₂₁

Discovered 1981 Mar. 2 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Andrei V. Ivanov (b. 1937), a cosmochemist at the Vernadsky Institute of Geochemistry, was one of the principal investigators to study lunar samples returned by the Luna missions. He is currently working to unravel the origin of primitive materials in the Kaidun meteorite.

(5762) Wänke = 1981 EG₂₈

Discovered 1981 Mar. 2 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Heinrich Wänke (b.1928), director emeritus of the Max-Planck-Institut für Chemie at Mainz, is a premier cosmochemist who first developed the ^{40}Ar - ^{39}Ar Argon method of dating meteoritic and lunar materials. He also has investigated the chemical composition and accretion history of the terrestrial planets.

(5798) Burnett = 1980 RL₇

Discovered 1980 Sept. 13 by S. J. Bus at Palomar.

As a professor at the California Institute of Technology, Donald Burnett (b.1937) investigates the chemical evolution of the solar system through studies of nucleosynthesis and elemental abundances. He is lead investigator for the Genesis mission that will collect particles from the solar wind.

(5819) Lauretta = 1989 UZ₄

Discovered 1989 Oct. 29 by S. J. Bus at Cerro Tololo.

Dante Lauretta (b.1970), a professor at the University of Arizona, is known for his ground-breaking experimental work on the formation of iron-bearing sulfides in the solar nebula. He has also investigated the cosmochemical behavior of many elements such as mercury, boron and beryllium in meteorites.

(5939) Toshimayeda = 1981 EU₈

Discovered 1981 Mar. 1 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Toshiko Mayeda (b.1923), senior research associate at the University of Chicago Enrico Fermi Institute, has produced a comprehensive body of data on oxygen isotopes in meteorites. These data have provided an essential tool for the classification of meteorites, and for relating meteorites to their parent bodies.

(5992) Nittler = 1981 DZ

Discovered 1981 Feb. 28 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Larry Nittler (b.1969), a scientist at the Carnegie Institute of Washington, is well known for his innovative work on identifying presolar grains in meteorites and using them as probes of stellar processes. His work on the NEAR mission to (433) Eros helped provide the first chemical analyses of a minor planet.

(5993) Tammydickinson = 1981 EU₂₂

Discovered 1981 Mar. 2 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Tamara Dickinson (b.1959) has been actively involved in research on lunar rocks and aubritic meteorites. She has been a staunch supporter of planetary science in a number of project management roles at NASA, the National Science Foundation and the National Research Council.

(6030) Zolensky = 1981 EG₃₆

Discovered 1981 Mar. 7 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

As curator of interplanetary dust at NASA's Johnson Space Center, Michael Zolensky (b.1955) has been at the forefront of understanding the origin of interplanetary dust particles, their relationship to carbonaceous chondrites and the processes that formed them on comets and minor planets.

(6079) Gerokurat = 1981 DG₃

Discovered 1981 Feb. 28 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Gero Kurat (b.1938), of the Natural History Museum in Vienna, is curator of the Vienna meteorite collection and president of the Meteoritical Society. His

provocative ideas on the origin of meteorites have caused scientists to question basic paradigms about the origin of our solar system.

(6080) Lugmair = 1981 EY₂₆

Discovered 1981 Mar. 2 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Günter Lugmair (b.1940), director of the Max-Planck-Institut für Chemie at Mainz, has made many contributions to the fields of meteoritic, lunar and terrestrial isotope geochemistry and solar system chronology. Among his achievements is the development of a dating method using samarium and neodymium isotopes.

(6081) Cloutis = 1981 EE₃₅

Discovered 1981 Mar. 2 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Edward Cloutis (b.1958), professor at the University of Winnipeg, studies the spectra of mineral assemblages similar to those found on planetary surfaces. He was the first to derive a relationship between the olivine-orthopyroxene fraction and the ratio of silicate absorption bands in reflectance spectra.

(6111) Davemckay = 1979 SP₁₃

Discovered 1979 Sept. 20 by S. J. Bus at Palomar.

David McKay (b.1936) of NASA's Johnson Space Center has helped highlight the complexity and wealth of information contained in lunar regolith. His study of the martian meteorite Allan Hills 84001 caused scientists to reexamine the issue of life beyond the earth and prompted NASA to renew efforts in exploring Mars.

(6112) Ludolfshultz = 1981 DB₁

Discovered 1981 Feb. 28 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Ludolf Schultz (b.1937), professor at the Johannes-Gutenberg-Universität in Mainz, has dedicated much of his career to the study of noble gases in meteorites. He also has passionately taught planetology and put considerable effort into introducing the enigmatic field of meteoritics to the public.

(6169) Sashakrot = 1981 EX₄

Discovered 1981 Mar. 2 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Alexander (Sasha) Krot (b.1959) is a world-class cosmochemist who has made many contributions to the field of meteoritics. His achievements include the discovery of an energetic astrophysical setting for chondrule formation and identifying the existence of an ^{16}O -rich gaseous reservoir in the solar nebula.

(6188) Robertpepin = 1988 SW₂

Discovered 1988 Sept. 16 by S. J. Bus at Cerro Tololo.

Robert Pepin (b.1933), professor at the University of Minnesota, studies the origin and early history of volatile elements in the solar system. He helped solidify the link between SNC meteorites and Mars through his measurements of noble gases and nitrogen in glasses that are found in these meteorites.

(6203) Lyubamoroz = 1981 EC₂₃

Discovered 1981 Mar. 3 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Lyubov Moroz (b.1966), a laboratory spectroscopist at the German Aerospace Center in Berlin, has investigated the effects of temperature and opaques on the spectra of minor planets. She was the first researcher to try to simulate the optical effects due to impact melting of minerals using a pulse laser.

(6224) El Goresy = 1981 EK₈

Discovered 1981 Mar. 1 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Ahmed El Goresy (b. 1933), a scientist at the Max-Planck-Institut für Chemie at Mainz, has conducted pioneering research on shock processes in meteorites and terrestrial impact craters. He is an acknowledged expert in the field of sulfide mineralogy and reflected light optical microscopy of opaque minerals.

(6225) Hiroko = 1981 EK₁₂

Discovered 1981 Mar. 1 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Hiroko Nagahara (b. 1952), professor at the University of Tokyo, has studied a wide array of meteoritic materials and made fundamental contributions to our understanding of chondrule formation, condensation and evaporation in the solar nebula, and partial melting of minor planets.

(6226) Paulwarren = 1981 EY₁₈

Discovered 1981 Mar. 2 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Paul Warren (b. 1953), a research geochemist at the University of California in Los Angeles, has applied a wide range of petrologic and geochemical studies toward understanding differentiated planets. His work on lunar rocks helped identify those samples least altered by impact.

(6227) Alanrubin = 1981 EQ₄₂

Discovered 1981 Mar. 2 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Alan Rubin (b. 1953), a research geochemist at the University of California in Los Angeles, works on a wide variety of topics such as the origin of chondrules and shock processes in meteorites. He is best known for studying the geologic processes that altered the parent bodies of chondritic meteorites.

(6284) Borisivanov = 1981 EM₁₉

Discovered 1981 Mar. 2 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Boris Ivanov (b. 1948) of the Institute for Dynamics of Geospheres in Moscow has made many contributions to the geological and geophysical study of terrestrial impact craters through explosion simulations and computer modeling. He has also clarified the physical processes that determine planetary crater populations.

(6285) Ingram = 1981 EA₂₆

Discovered 1981 Mar. 2 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

During their sixteen-year tenure as housemasters of Ashdown House, a graduate dorm at the Massachusetts Institute of Technology, Vernon (b. 1924) and Elizabeth (b. 1940) Ingram interacted with thousands of students. Vernon, who discovered the genetic defect for sickle cell anemia, is a professor of biology at MIT.

(6365) Nickschneider = 1981 ES₂₉

Discovered 1981 Mar. 1 by S. J. Bus at Siding Spring in the course of the U.K. Schmidt-Caltech Asteroid Survey.

Nick Schneider (b. 1956) is an expert on Io's extended atmosphere and plasma torus. He has pioneered the use of mutual occultation events to study Io's corona, discovered evidence for sodium-bearing molecules in the jovian magnetosphere, and was co-discoverer of Ionian chlorine.

(6366) Rainerwieler = 1981 UM₂₂

Discovered 1981 Oct. 24 by S. J. Bus at Palomar.

Rainer Wieler (b. 1949), professor at the Institute of Isotope Geology and Mineral Resources at ETH Zürich, has used analyses of cosmogenic nuclides and noble gases in meteorites to understand the conditions of their early formation, as well as their subsequent exposure and ejection histories.

(7027) Toshihanda = 1993 XT

Discovered 1993 Dec. 11 by T. Kobayashi at Oizumi.

Toshihiro Handa (b. 1959) is a research associate at the Institute of Astronomy, University of Tokyo. He works in the area of radio astronomy, studying interstellar matter in our Galaxy and nearby galaxies. He is also active in public outreach in astronomy and astrophysics.

(7134) Ikeuchisatoru = 1993 UY

Discovered 1993 Oct. 24 by T. Kobayashi at Oizumi.

Satoru Ikeuchi (b. 1944) works mainly on the evolution of the interstellar medium and the formation of large-scale structure of the universe. He is a member of the Science Council of Japan and served as the Japanese national representative to the IAU since 1997.

(7140) Osaki = 1994 EE₁

Discovered 1994 Mar. 4 by T. Kobayashi at Oizumi.

Yoji Osaki (b. 1938) works mainly in stellar physics and served as president of the Japan Astronomical Society during 1999–2000. In 1974 he proposed the disk-instability model for outbursts of dwarf novae, a model that is now widely accepted.

(7195) Danboice = 1994 AJ

Discovered 1994 Jan. 2 by T. Kobayashi at Oizumi.

Astronomer Daniel Craig Boice (b. 1953) is an expert in cometary science and a dedicated educator. He was a member of NASA's Deep Space 1 Mission to comet 19P/Borrelly, codiscoverer of a radio flare on Menkar and recipient of the P. Gott Award. He is strongly committed to international scientific collaboration.

(7346) Boulanger = 1993 DQ₂

Discovered 1993 Feb. 20 by E. W. Elst at Caussols.

Nicolas Boulanger (1722–1759), a geologist and one of the Encyclopedists, believed that the irrational behavior of the human species, together with all the heritage of religious rites and much of the political of his own and other ages, were engendered in cataclysmic experiences.

(7349) Ernestmaes = 1993 QK₄

Discovered 1993 Aug. 18 by E. W. Elst at Caussols.

Ernest Maes (b. 1915), a doctor of medicine (dermatology), has long had a great interest in anthropology, history of religion and psychiatry, resulting in several books on the critical evaluation of religious tradition.

(7742) Altamira = 1985 US

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

Altamira is a cave in northern Spain, whose walls bear paintings and engravings—chiefly of bison, deer, horses and boar—dating from the Stone Age. It is one of the most important prehistoric painted caves. The paintings were discovered in 1879. The name was suggested by M. Tichý.

(7763) Crabeels = 1990 UT₅

Discovered 1990 Oct. 16 by E. W. Elst at the European Southern Observatory.

Henri Crabeels (b. 1904) is an internationally known organist and conductor in Antwerp. This minor planet is dedicated to him on the occasion of his 98th birthday.

(7980) Senkevich = 1978 TD₂

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

Yuriy Aleksandrovich Senkevich (b. 1937) is a scientist at the Institute of Medical and Biological Problems of the Russian Academy of Sciences. He prepared space biological experiments, worked at the Antarctic station “Vostok”, took part in three of Thor Heyerdahl’s expeditions and is a popular television journalist.

(8817) Roytraver = 1985 JU₁

Discovered 1985 May 13 by C. S. Shoemaker and E. M. Shoemaker at Palomar.

Roy Traver (b. 1947) is a photographer, philosopher, teacher, innovator and gourmet cook. Above all, he is a loyal friend to both young and old.

(8883) Miyazakihayao = 1994 BS₄

Discovered 1994 Jan. 16 by T. Kobayashi at Oizumi.

Animator and movie director Hayao Miyazaki (b. 1941) received awards for *Laputa*, *Castle in the Sky*, *My Neighbor Totoro*, *Spirited Away* and many other animation films that closely relate to issues of the time, yet are also entertaining stories.

(8993) Ingstad = 1980 UL

Discovered 1980 Oct. 30 by R. M. West at the European Southern Observatory.

Helge Ingstad (1899–2001) was a pioneer explorer and archeologist. Foremost among his many achievements was his and his wife’s discovery of remains from the Viking settlements on Newfoundland. This proved that the Vikings reached North America, probably as the first Europeans.

(9145) Shustov = 1976 GG₃

Discovered 1976 Apr. 1 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Boris Mikhailovich Shustov (b. 1947) is deputy director at the Institute of Astronomy of the Russian Academy of Sciences, expert in astrophysics, known for his research in star formation, stellar and galactic evolution, and space astronomy. He was vice-president of the European Astronomical Society during 1993–2000.

(9150) Zavolokin = 1978 SE₁

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

Gennadij Dmitrievich Zavolokin (1943–2001) was a famed player of the bayan (Russian accordion). A collector of folk songs, he was the founder and leader of a folk ensemble “Chastooshka” and the TV program *Igraj, garmon’* (“Play, accordion”), highly popular in Russia.

(9168) Sarov = 1987 ST₁₇

Discovered 1987 Sept. 18 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Sarov is a small town in the Nizhnij Novgorod region of the Russian Federation where the All-Russian Research Institute of Experimental Physics is located. Sarov is known also as the dwelling-place of Serafim Sarovskij (1754–1833), a monk who was much respected in Russia for his integrity and kindness.

(9176) Struchkova = 1990 VC₁₅

Discovered 1990 Nov. 15 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Raisa Stepanovna Struchkova (b. 1925), a brilliant Russian ballerina at the Moscow Bolshoi Theatre since 1944, has danced all the key roles. People’s Artist of the USSR and professor at the State Institute of Theatrical Art, she has trained many talented young ballet dancers.

(9263) Khariton = 1976 SX₅

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

Yulij Borisovich Khariton (b. 1904) is a physicist and member of the Russian Academy of Sciences. He worked in nuclear physics, on combustion and explosion, and during 1939–1941, together with Ya. B. Zel’dovich, calculated the chain reaction for the fission of uranium.

(9299) Vinceteri = 1985 JG₂

Discovered 1985 May 13 by C. S. Shoemaker and E. M. Shoemaker at Palomar.

Vince (b. 1959) and Teri (b. 1960) Grout are true friends to two-legged and four-legged animals. They are generous with their time and assistance to all those interested in the sport of dog sledding.

(9516) Inasan = 1976 YL₃

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

The Institute of Astronomy of the Russian Academy of Sciences, abbreviated as INASAN from its Russian name, is a leading astronomical research institution, founded in 1936. Its main fields of research are stellar astrophysics, galaxies, planetary systems, geodynamics, space research, NEAs and space debris.

(9535) Plitchenko = 1981 UO₁₁

Discovered 1981 Oct. 22 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Aleksandr Ivanovich Plitchenko (1943–1997) was a Russian writer in Novosibirsk city, author of some 20 volumes of poetry and 5 books of prose works. He was the head of a Novosibirsk writers’ association for some years.

(9549) Akplatonov = 1985 SM₂

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

Aleksandr Konstantinovich Platonov (b. 1931), a researcher in astrodynamics and robotics at the Keldysh Institute of Applied Mathematics since 1954, is a pioneer in the theory and computation of satellite orbits and the control of spacecraft trajectories to the moon and planets, as well as the motion of walking robots.

(9565) Tikhonov = 1987 SU₁₇

Discovered 1987 Sept. 18 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Russian mathematician Andrej Nikolaevich Tikhonov (1906–1993), a professor at Moscow State University, is known for his fundamental research in topology, functional analysis, theory of differential and integral equations, mathematical physics and computational mathematics.

(9609) Ponomarevalya = 1992 QL₂

Discovered 1992 Aug. 26 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Valentina Leonidovna Ponomareva (b. 1934), of the Institute of History of Science and Technology, is a specialist on aircraft and spacecraft. One of five members of the Soviet female cosmonaut team, she was a back-up pilot for the spaceflight by Valentina Tereshkova in 1963.

(10060) Amymilne = 1988 GL

Discovered 1988 Apr. 12 by C. S. Shoemaker and E. M. Shoemaker at Palomar.

Amy Rae Milne (b. 1982), a vibrant, energetic, young Canadian woman who has dedicated herself to creating happiness for others, has led her life with spirit. A love of science and its relationship to understanding and preserving our environment has brought her national recognition.

(10141) Gotenba = 1993 VE

Discovered 1993 Nov. 5 by S. Otomo at Kiyosato.

Gotenba is a city at the foot of Mt. Fuji. Every year it is the site of a star party that promotes astronomical activities in cooperation with amateur astronomers to spread astronomy to the public.

(10160) Totoro = 1994 YQ₁

Discovered 1994 Dec. 31 by T. Kobayashi at Oizumi.

Hayao Miyazaki produced the animated movie *My Neighbor Totoro* in 1988, featuring the fairy Totoro. Through the movie, Totoro once again found his place in the hearts of Japanese children, in a time when the woods and darkness where Totoro lives are rapidly disappearing from the earth.

(10264) Marov = 1978 PH₃

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

Mikhail Yakovlevich Marov (b. 1933), professor and head of the planetary department at Keldysh Institute of Applied Mathematics, is one of the initiators and scientific leaders of research of Venus and Mars from space. He is also currently the president of IAU Division III.

(10265) Undset = 1978 RY₆

Discovered 1978 Sept. 2 by C.-I. Lagerkvist at the European Southern Observatory.

The Norwegian author Sigrid Undset (1882–1949) received the Nobel prize for literature in 1928. She is best known for her trilogy *Kristin Lavransdatter* about a couple's love and life in Norway in the thirteenth century.

(10457) Suminov = 1978 QE₂

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

Vyacheslav Mikhailovich Suminov (b. 1932) is a professor and head of the faculty at the Moscow Aviation-Technological Institute, founder of the Russian scientific school on laser technology, a member of the Russian Academy of Technological Sciences and a State Prize laureate.

(10481) Esipov = 1982 QK₃

Discovered 1982 Aug. 23 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Valentin Feodorovich Esipov (b. 1933) is head of the radioastronomy department at the Sternberg Astronomical Institute, Moscow University. A specialist in astronomical instrument-making and an outstanding observer, he is particularly known for his spectroscopic research on galaxies and unstable stars.

(10487) Danpeterson = 1985 GP₁

Discovered 1985 Apr. 14 by C. S. Shoemaker and E. M. Shoemaker at Palomar.

Dan Peterson (b. 1949) is a juvenile probation director who works with troubled youth to keep them in school and help them find direction in their lives. He served previously as a smoke jumper in Alaska and is a piano player extraordinaire.

(10672) Kostyukova = 1978 QE

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

Tatiana Andreevna Kostyukova (b. 1957) is a botanist and cultivator of flowers in Kiev. Her collection of flowers won a diploma at the 2001 Moscow Autumn Flower Show.

(11316) Fuchitatsuo = 1994 TR₃

Discovered 1994 Oct. 5 by K. Endate and K. Watanabe at Kitami.

Tatsuo Fuchi (b. 1952), a computer technology specialist and amateur astronomer, has been president of the Astronomical Society of Oita since 1989.

(11323) Nasu = 1995 QC₂

Discovered 1995 Aug. 21 by K. Endate and K. Watanabe at Kitami.

Eiichi Nasu (b. 1955) was chief editor of the newsletter *Astro Oita* of the Astronomical Society of Oita for more than ten years, beginning in 1979. He is now the director of this society.

(11324) Hayamizu = 1995 QQ₃

Discovered 1995 Aug. 30 by K. Endate and K. Watanabe at Kitami.

Tsutomu Hayamizu (b. 1962), since 1997 associate director of the Sendai Space Hall and Observatory, Kagoshima prefecture, is engaged in observations of occultations by the moon and by minor planets.

(11786) Bakhchivandji = 1977 QW

Discovered 1977 Aug. 19 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Grigorij Yakovlevich Bakhchivandji (1909–1943) was a Soviet test pilot and pioneer in rocket flights who in 1942 piloted the first flight on the rocket-propelled experimental aircraft BI-1 of Bolkhovitinov and Isaev. He perished while piloting this aircraft's second flight.

(12802) Hagino = 1995 XD₁

Discovered 1995 Dec. 15 by T. Kobayashi at Oizumi.

Japanese amateur astronomer Hagino Akira (1949–1999) died in a tragic accident while observing. He worked as an instructor of popular astronomy at a small astronomical facility in Yamanashi prefecture and inspired many children and visitors with interests in the wonderful night sky.

(12928) Nicolapozio = 1999 SV₉

Discovered 1999 Sept. 30 by A. Boattini and G. Forti at San Marcello Pistoiese.

Nicola Pozio (b. 1965) is an accountant for The Spaceguard Foundation. Without his dedication to the development and support of the Foundation it would not

have been possible for the discoverers to initiate and maintain the activity on NEOs at the Spaceguard Central Node.

(12976) Kalinenkov = 1976 QK₁

Discovered 1976 Aug. 26 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Nikifor Dmitrievich Kalinenkov (1924–1996) was professor of physics and astronomy at the Nikolaev State Pedagogical Institute in Ukraine. He was the first director of the Institute's astronomical observatory and contributed much to its instrumentation through "make-it-yourself" telescopes and other devices.

(13005) Stankonyukhov = 1982 SQ₇

Discovered 1982 Sept. 18 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Stanislav Nikolaevich Konyukhov (b. 1937), a member of the Ukrainian National Academy of Sciences, is a specialist in mechanics, rocket and space engineering and the control of space systems. He is a general designer at the Yuzhnoe Design Office in Dnepropetrovsk.

(13009) Voloshchuk = 1985 PB₂

Discovered 1985 Aug. 13 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Yurij Ivanovich Voloshchuk (b. 1941) is a radioastronomer and professor at the Kharkov University of Radioelectronics. He has made valuable contributions to the development of science and education at this university and is especially known for his research on meteors and interrelated small bodies in the solar system.

(13049) Butov = 1990 RF₁₇

Discovered 1990 Sept. 15 by L. V. Zhuravleva at the Crimean Astrophysical Observatory.

Anatolij Sergeevich Butov (b. 1939), an expert in the field of computing in transport economics, is the rector of the St. Petersburg State University for Water Communications.

(13365) Tenzinyama = 1998 UL₂₀

Discovered 1998 Oct. 26 by T. Okuni at Nanyo.

Tenzinyama is a mountain in the western part of Iwamuro village, Niigata prefecture. There is a castle at the summit of the 250-meter mountain.

(13480) Potapov = 1978 PX₃

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

Mikhail Mikhailovich Potapov (b. 1904) is a distinctive Russian painter who made a series of icon works in the twelfth-century Byzantine manner for several temples. He is especially known for his outstanding paintings and portraits in the ancient Egyptian style.

(13559) Werth = 1992 RD₁

Discovered 1992 Sept. 4 by L. D. Schmadel and F. Börngen at Tautenburg.

Hildegard Werth (b. 1950) is an experienced TV journalist with the large German TV system ZDF. Besides her duties within the news service department she likes the sciences and the stars.

(13653) Priscus = 1997 CT₁₆

Discovered 1997 Feb. 9 by V. S. Casulli at Colleverde di Guidonia.

Tarquinius Priscus, fifth king of Rome, reigned from 616 to 579 B.C. He constructed the Circus Maximus and enlarged the Roman Forum.

(13792) Kuščynskyj = 1998 VG

Discovered 1998 Nov. 7 by J. Tichá and M. Tichý at Kleť.

Taras Kuščynskyj (1932–1983) was a Czech photographer, known for his beautiful black-and-white images of the female form, including fine-art nude studies.

(13904) Univinnitsa = 1975 TJ₃

Discovered 1975 Oct. 3 by L. I. Chernykh at the Crimean Astrophysical Observatory.

Founded in 1912, the Vinnitsa Pedagogical University has played a great role in the training of teachers for primary and secondary schools in the Podoliya region of Ukraine.

(13906) Shunda = 1977 QD₂

Discovered 1977 Aug. 20 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Mathematician Nikifor Nikolaevich Shunda (b. 1932) has been a professor and since 1975 rector of Vinnitsa Pedagogical University who has done much for the development of the university.

(14088) Ancus = 1997 JB₁₀

Discovered 1997 May 3 by V. S. Casulli at Colleverde di Guidonia.

Ancus Marcius, fourth king of Rome, reigned from 640 to 616 B.C. He transferred to Rome the neighboring populations, thereby beginning the long battle between Patricii and Plebeii.

(14412) Wolflojewski = 1991 RU₂

Discovered 1991 Sept. 9 by L. D. Schmadel and F. Börngen at Tautenburg.

Wolf von Lojewski (b. 1937) is a prominent journalist, book author and long-standing correspondent of the German TV system ZDF in Europe and abroad. Head and anchorman of the popular newscast *Heute Journal*, von Lojewski set new standards as a moderator.

(15228) Ronmiller = 1987 DG

Discovered 1987 Feb. 23 by C. S. Shoemaker and E. M. Shoemaker at Palomar.

Ron Miller (b. 1955) is a forester for the Bureau of Indian Affairs. He maintains woodland areas and cultural resources for Native Americans. He runs sled dogs in Alaska, Colorado and Arizona and is a teacher and mentor for those entering the sport of dog sledding.

(15869) Tullius = 1996 PL

Discovered 1996 Aug. 8 by V. S. Casulli at Colleverde di Guidonia.

Tullius Hostilius, third king of Rome, reigned from 672 to 640 B.C. He was a warrior king, and during the war against the city of Alba Longa there was a famous fight between Oratii and Curiatii.

(16745) Zappa = 1996 PF₅

Discovered 1996 Aug. 9 at Osservatorio San Vittore.

Italian astronomer Giovanni Zappa (1884–1923) was an assistant at the observatory of the Collegio Romano, adjunct astronomer at Catania, astronomer at Capodimonte and director of the observatory of Collurania and Collegio Romano. Interested in classical astronomy, he calculated orbits of minor planets and comets.

(17607) Táborsko = 1995 TC

Discovered 1995 Oct. 2 by M. Tichý and Z. Moravec at Kleť.

Táborsko is a south Bohemian district historically known for the Hussite religious reformatory movement in the fifteenth century. Its center is Tábor, the second

largest south Bohemian town, founded in 1420 with a beautiful historical center situated above the Lužnice river and the Jordán pond.

(18288) Nozdrachev = 1975 VX₂

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

Aleksandr Danilovich Nozdrachev (b. 1931) is a professor and head of physiology at St. Petersburg University. He proved experimentally the existence of the meta-sympathetic nervous system and described general laws of the electrical processes in the nerves of animals.

(18596) Superbus = 1998 BA₄

Discovered 1998 Jan. 21 by V. S. Casulli at Colleverde di Guidonia.

Tarquinius Superbus, seventh and last king of Rome, reigned from 534 to 509 B.C. He placed under the dominion of Rome many cities of the Latium region.

(19096) Leonfridman = 1979 TY₁

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

Architect Leonid Osherovich Fridman (b. 1948) is director of the Crimean Institute of Design, Architect and Restoration. He has been instrumental in preserving and restoring many old historical buildings and monuments in the Crimea.

(19129) Loos = 1988 AL₁

Discovered 1988 Jan. 10 by A. Mrkos at Kleť.

Austrian architect Adolf Loos (1870–1933) was one of the pioneers of the functionalist style in Europe. Influenced by the rationalist architecture of the Chicago School, he rejected the Art Nouveau style. Loos' radical style influenced architects in Germany, Austria and Bohemia.

(19982) Barbaradoore = 1990 BJ

Discovered 1990 Jan. 22 by Eleanor Francis Helin at Palomar.

Barbara Hendricks Doore (b. 1933) is a cousin of the discoverer. Always an active sports enthusiast with boundless energy, she excelled at sailing and golf. As a popular leader/volunteer, she has devoted much of her later years to the Boys and Girls Club of Cathedral City, California.

(20004) Audrey-Lucienne = 1991 GS₆

Discovered 1991 Apr. 8 by E. W. Elst at the European Southern Observatory.

Audrey Lucienne Van Landeghem (b. 1984) was the last visitor during the event "Space for you" during 2001 Nov. 10–11 at the Royal Observatory at Uccle. She is planning to study astrophysics.

(20430) Stout = 1999 AC₃

Discovered 1999 Jan. 10 by W. R. Cooney, Jr., and S. Lazar at Baton Rouge.

A music professor at Louisiana State University who was fascinated by the mysteries of space being revealed in his time and was always researching new ideas, Earl Douglas Stout (1895?–1985) was a great-grandfather of the second discoverer.

(20963) Pisarenko = 1977 QN₁

Discovered 1977 Aug. 19 by N. S. Chernykh at the Crimean Astrophysical Observatory.

Georgij Stepanovich Pisarenko (1910–2000), a specialist in mechanics and in the theory of the strength of materials, was head of both the Ukrainian Space Research Committee and the faculty at Kiev Polytechnical Institute.

(21014) Daishi = 1988 TS₁

Discovered 1988 Oct. 13 by T. Seki at Geisei.

Daishi is the grade school, established in Kochi city in 1880, that was attended by the discoverer from 1937 to 1943.

(21016) Miyazawaseiroku = 1988 VA

Discovered 1988 Nov. 2 by T. Seki at Geisei.

Brother of the author of *Night On The Milky Way Train* and *The Twin Stars*, Iwate-born Seiroku Miyazawa (1904–2001) devoted his long life to publishing the famous and fantastic stories, which appealed to Japanese of all ages.

(21785) Méchain = 1999 SS₂

Discovered 1999 Sept. 21 by M. Tichý at Kleť.

Pierre François André Méchain (1744–1804) discovered many comets and deep-sky objects. A colleague and friend of Messier, he contributed much to Messier's catalogue of nebulae. Much of Méchain's career involved geodetic measurements along the Paris meridian, with the idea of defining the meter.

(23455) Fumi = 1988 XY₄

Discovered 1988 Dec. 5 by T. Nakamura at Kiso.

Fumi Yoshida (b. 1966) is a Japanese astronomer who studies the small bodies of the solar system. In collaboration with the discoverer she made clear the overall nature of spatial and size distributions for subkilometer-sized main-belt minor planets with the 8.2-m Subaru telescope.

(24662) Gryll = 1988 GS

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

Matyáš Gryll of Gryllov (1551–1611), a professor at Prague University, took a particular interest in comets. In 1578 he published a survey of comets discovered until 1577, although he considered the comets to be miraculous signs from God. The name was suggested by J. Tichá.

(24837) Mšecké Žehrovice = 1995 UQ₁

Discovered 1995 Oct. 22 by M. Tichý at Kleť.

Mšecké Žehrovice is a central Bohemian village known for its remnants of an ancient Celtic sanctuary. A famous stone sculpture found there shows the head of a Celtic hero. This is the most important Celtic object found in Bohemia.

(27791) Masaru = 1993 DD₁

Discovered 1993 Feb. 24 by Y. Kushida and O. Muramatsu at the Yatsugatake South Base Observatory.

Masaru Kubota (b. 1959) is a broadcaster at a television station and a certified weather forecaster. He makes an effort to popularize science and astronomy through his weather reports.

(28019) Warchal = 1998 AW₈

Discovered 1998 Jan. 14 by L. Šarounová at Ondřejov.

Bohdan Warchal (1930–2000) was an outstanding violinist, conductor and teacher. A member of the Slovak Philharmonic Orchestra, he was from 1960 chief conductor and solo violinist of the Slovak Chamber Orchestra, which became widely renowned throughout Europe.

(28220) York = 1998 YN₁₂

Discovered 1998 Dec. 28 by J. Tichá and M. Tichý at Kleť.

York, the capital of northern England for more than 2000 years, is an impressive city with a surviving historical center. The most fascinating medieval building is the

York Minster, a large cathedral with several fine stained-glass windows from medieval times.

(29208) Halorentz = 1991 RT₂

Discovered 1991 Sept. 9 by F. Börngen and L. D. Schmadel at Tautenburg.

The Dutch physicist Hendrick Antoon Lorentz (1853–1928) formulated the classic electron theory and predicted the Zeeman effect. He derived the Lorentz transformation, the Lorentz contraction, time dilation and the velocity dependence of the mass. He shared the 1902 Nobel Prize for physics with his student Zeeman.

(29355) Siratakayama = 1995 QX₃

Discovered 1995 Aug. 28 by T. Okuni at Nanyo.

Siratakayama is a volcanic mountain, 993 meters high, in Yamagata prefecture.

(29471) Spejbl = 1997 UT₇

Discovered 1997 Oct. 27 by L. Šarounová at Ondřejov.

The Czech marionette Spejbl represents the father of mischievous Hurvíněk. They demonstrate the different opinions of two generations in performances of The Theatre of Spejbl and Hurvíněk in Prague. Spejbl has amused children as well as adults in 31 countries around the world since his first appearance in 1920.

(29472) Hurvíněk = 1997 UV₇

Discovered 1997 Oct. 27 by L. Šarounová at Ondřejov.

Hurvíněk, the Czech marionette representing Spejbl's mischievous son, has performed at The Theatre of Spejbl and Hurvíněk in Prague since the 1920s. Together with the other puppets of the show—Spejbl, Mánicka, Lady Kateřina and dog Žeryk—Hurvíněk has entertained children and adults in 31 countries.

(31324) Jiřímrázek = 1998 HR₃₁

Discovered 1998 Apr. 27 by L. Šarounová at Ondřejov.

Jiří Mrázek (1923–1978) was a Czech geophysicist specializing in ionospheric studies but with much wider interests in science, philosophy and classical music. A master of the popularization of astronautics, astronomy, computer science and related subjects, he was a TV and radio star until his untimely death.

(33058) Kovařík = 1997 UP₂₀

Discovered 1997 Oct. 22 by P. Pravec and L. Šarounová at Ondřejov.

Oton Kovařík (b. 1928), Czech actor, orator and painter, is now living in California with his wife Dáša, also an actress. The Kovaříks have propagated European culture and helped to maintain European cultural traditions among immigrants in California, by public recitals of poems and by art exhibitions.

(33377) Večerníček = 1999 CR₉

Discovered 1999 Feb. 12 by P. Pravec at Ondřejov.

Večerníček is an animated figure accompanied by music. It invites children to the Czech Television to see a bedtime story every evening. Ingeniously painted by R. Pilař, voiced by M. Citavý, and with the tune composed by L. Simon, it has become a real phenomenon loved by most Czech children since 1965.

(35316) Monella = 1997 AW₁₃

Discovered 1997 Jan. 11 by P. Sicoli and M. Cavagna at Sormano.

Rinaldo Monella (b. 1948) is a well-known Italian amateur astronomer who has specialized in photoelectric photometry, making in particular observations of novae and cataclysmic variables. He has written many articles for astronomical periodicals and is a member of several Italian and international associations.

(37022) Robertovittori = 2000 UT₁

Discovered 2000 Oct. 22 by F. Manca and G. Ventre at Sormano.

Italian astronaut Roberto Vittori (b. 1964) made the first flight on board the Soyuz capsule in 2002, docking with the International Space Station and performing medical experiments. He is the third astronaut from the European Space Agency to visit the ISS.

(37044) Papy Marcel = 2000 UE₂₉

Discovered 2000 Oct. 27 by J.-C. Merlin at Le Creusot.

Marcel Alphonse Merlin (b. 1922) is the father of the discoverer. Now celebrating his eightieth birthday, he was the principal artisan in the construction of the discoverer's private observatory.

EPHEMERIDES

P/2002 JN ₁₆ (LINEAR)							Elements MPC 45962			
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2	
2002 06 25		15 22.77	-09 28.0	0.935	1.814	136.8	22.6	16.9	20.7	
2002 07 05		15 27.95	-08 39.1	0.985	1.802	128.3	26.3	17.0	20.9	
2002 07 15		15 36.31	-08 17.9	1.047	1.794	120.8	29.1	17.1	21.1	
2002 07 25		15 47.62	-08 19.8	1.116	1.791	114.2	31.2	17.3	21.3	
2002 08 04		16 01.47	-08 38.9	1.194	1.792	108.2	32.5	17.4	21.5	
2002 08 14		16 17.52	-09 09.6	1.277	1.797	102.8	33.3	17.6	21.7	
2002 08 24		16 35.42	-09 46.6	1.366	1.807	97.9	33.7	17.7	21.9	
2002 09 03		16 54.83	-10 25.0	1.461	1.822	93.2	33.6	17.9	22.0	
2002 09 13		17 15.47	-11 01.0	1.561	1.840	88.8	33.1	18.1	22.2	
2002 09 23		17 37.06	-11 31.1	1.666	1.862	84.6	32.4	18.3	22.3	
2002 10 03		17 59.34	-11 52.8	1.776	1.888	80.5	31.5	18.5	22.5	

C/2002 K2 (LINEAR)							Elements MPC 45963			
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2	
2002 06 25		17 17.37	+16 43.0	4.596	5.390	137.5	7.3		19.5	
2002 07 05		17 05.24	+17 12.9	4.678	5.408	131.7	8.1		19.6	
2002 07 15		16 54.17	+17 26.7	4.789	5.427	124.3	8.9		19.7	
2002 07 25		16 44.48	+17 26.6	4.924	5.447	116.0	9.6		19.8	
2002 08 04		16 36.35	+17 15.7	5.078	5.468	107.4	10.2		19.9	
2002 08 14		16 29.87	+16 56.9	5.244	5.490	98.7	10.5		20.0	
2002 08 24		16 25.00	+16 33.1	5.417	5.513	90.1	10.6		20.0	
2002 09 03		16 21.65	+16 06.8	5.590	5.536	81.8	10.4		20.1	
2002 09 13		16 19.69	+15 40.3	5.760	5.561	73.6	10.0		20.2	
2002 09 23		16 18.97	+15 15.5	5.921	5.586	65.9	9.4		20.2	
2002 10 03		16 19.31	+14 53.6	6.069	5.612	58.5	8.7		20.3	
2002 10 13		16 20.56	+14 36.1	6.202	5.639	51.8	8.0		20.3	
2002 10 23		16 22.56	+14 24.1	6.315	5.667	45.8	7.2		20.3	
2002 11 02		16 25.17	+14 18.4	6.408	5.696	41.0	6.6		20.3	

C/2002 K1 (NEAT)							Elements MPC 45962			
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2	
2002 06 25		18 56.57	-13 19.8	2.236	3.231	165.8	4.4	16.8		
2002 07 05		18 37.88	-10 11.4	2.237	3.235	166.7	4.2	16.8		
2002 07 15		18 20.13	-07 12.2	2.283	3.242	156.6	7.1	16.9		
2002 07 25		18 04.41	-04 31.3	2.371	3.251	144.4	10.5	17.0		
2002 08 04		17 51.43	-02 13.2	2.492	3.263	132.4	13.3	17.1		
2002 08 14		17 41.47	-00 18.9	2.640	3.278	120.9	15.4	17.3		
2002 08 24		17 34.51	+01 14.2	2.806	3.295	110.2	16.7	17.4		

2002 09 03	17 30.31	+02 30.0	2.983	3.316	100.3	17.4	17.6		
2002 09 13	17 28.58	+03 32.9	3.164	3.338	91.1	17.5	17.7		
2002 09 23	17 28.97	+04 26.9	3.345	3.364	82.5	17.2	17.9		
2002 10 03	17 31.18	+05 15.7	3.519	3.391	74.5	16.5	18.0		
2002 10 13	17 34.91	+06 02.3	3.685	3.421	67.0	15.6	18.2		
2002 10 23	17 39.91	+06 49.6	3.839	3.453	60.1	14.5	18.3		
2002 11 02	17 45.95	+07 39.5	3.978	3.488	53.9	13.3	18.4		
2002 11 12	17 52.86	+08 34.0	4.102	3.524	48.4	12.1	18.5		
2002 11 22	18 00.44	+09 34.9	4.208	3.562	43.8	11.1	18.6		

C/2002 K4 (NEAT)				Elements MPC 45963					
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2002 06 25		21 11.99	+11 14.8	2.067	2.771	124.4	17.6	16.5	
2002 07 05		20 51.73	+15 27.3	1.978	2.767	132.3	15.8	16.4	
2002 07 15		20 27.66	+19 20.4	1.932	2.766	137.2	14.5	16.3	
2002 07 25		20 01.21	+22 34.3	1.933	2.768	137.5	14.3	16.4	
2002 08 04		19 34.54	+24 56.0	1.977	2.774	133.3	15.4	16.4	
2002 08 14		19 09.87	+26 23.2	2.061	2.782	126.2	17.1	16.5	
2002 08 24		18 48.91	+27 04.7	2.175	2.794	117.8	18.7	16.6	
2002 09 03		18 32.40	+27 14.2	2.311	2.809	109.2	19.8	16.8	
2002 09 13		18 20.38	+27 05.1	2.460	2.827	100.8	20.5	17.0	
2002 09 23		18 12.45	+26 48.2	2.615	2.849	92.9	20.6	17.1	
2002 10 03		18 08.03	+26 31.2	2.770	2.873	85.6	20.3	17.3	
2002 10 13		18 06.54	+26 19.4	2.919	2.899	79.0	19.7	17.4	
2002 10 23		18 07.45	+26 16.6	3.060	2.929	73.0	19.0	17.6	
2002 11 02		18 10.31	+26 25.0	3.189	2.961	67.8	18.1	17.7	
2002 11 12		18 14.77	+26 46.4	3.304	2.995	63.4	17.2	17.9	
2002 11 22		18 20.51	+27 22.5	3.404	3.032	59.9	16.4	18.0	

C/2001 U6 (LINEAR)				Elements MPC 44860					
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2002 07 15		01 30.9	+83 01.2	4.676	4.411	68.7	12.4	17.3	
2002 07 25		00 26.6	+84 38.9	4.600	4.408	72.8	12.7	17.3	
2002 08 04		22 30	+85 17.4	4.523	4.406	77.0	13.0	17.2	
2002 08 14		20 32.8	+84 11.5	4.448	4.406	81.1	13.1	17.2	
2002 08 24		19 28.3	+81 45.8	4.379	4.408	85.0	13.2	17.1	
2002 09 03		18 59.5	+78 39.1	4.319	4.411	88.6	13.2	17.1	
2002 09 13		18 47.9	+75 09.9	4.274	4.416	91.5	13.2	17.1	
2002 09 23		18 45.2	+71 27.6	4.245	4.422	93.6	13.1	17.1	
2002 10 03		18 47.43	+67 38.6	4.234	4.429	94.7	13.0	17.1	
2002 10 13		18 52.57	+63 48.6	4.243	4.438	94.7	12.9	17.1	
2002 10 23		18 59.56	+60 02.9	4.273	4.449	93.7	12.9	17.1	
2002 11 02		19 07.74	+56 26.2	4.322	4.461	91.5	12.8	17.2	
2002 11 12		19 16.71	+53 02.6	4.389	4.474	88.5	12.8	17.2	
2002 11 22		19 26.15	+49 55.6	4.470	4.489	84.8	12.7	17.3	
2002 12 02		19 35.86	+47 07.1	4.562	4.505	80.5	12.5	17.3	
2002 12 12		19 45.68	+44 38.7	4.661	4.523	75.9	12.2	17.4	
2002 12 22		19 55.46	+42 30.7	4.763	4.542	71.2	11.8	17.5	
2003 01 01		20 05.08	+40 42.8	4.865	4.563	66.5	11.4	17.5	
2003 01 11		20 14.46	+39 14.4	4.961	4.584	62.1	10.9	17.6	
2003 01 21		20 23.48	+38 04.4	5.049	4.607	58.2	10.5	17.7	
2003 01 31		20 32.06	+37 11.3	5.126	4.631	55.0	10.0	17.7	
2003 02 10		20 40.10	+36 33.9	5.190	4.657	52.6	9.7	17.8	

2003 02 20	20 47.51	+36 10.4	5.237	4.684	51.3	9.5	17.8		
2003 03 02	20 54.19	+35 59.2	5.268	4.712	51.2	9.4	17.8		
2003 03 12	21 00.03	+35 59.0	5.282	4.741	52.3	9.6	17.9		
2003 03 22	21 04.92	+36 07.8	5.278	4.771	54.6	9.8	17.9		
2003 04 01	21 08.74	+36 24.1	5.256	4.802	58.0	10.2	17.9		
2003 04 11	21 11.36	+36 46.1	5.219	4.834	62.3	10.6	17.9		
2003 04 21	21 12.64	+37 11.5	5.167	4.868	67.3	11.0	17.9		
2003 05 01	21 12.45	+37 38.4	5.103	4.902	72.9	11.3	17.9		
2003 05 11	21 10.67	+38 04.0	5.030	4.938	79.0	11.6	17.9		
2003 05 21	21 07.20	+38 25.4	4.950	4.974	85.5	11.7	17.9		
2003 05 31	21 01.99	+38 39.4	4.869	5.011	92.2	11.7	17.9		
2003 06 10	20 55.08	+38 42.2	4.789	5.049	99.0	11.5	17.9		
2003 06 20	20 46.62	+38 30.2	4.716	5.088	105.8	11.1	17.9		
2003 06 30	20 36.87	+38 00.1	4.655	5.128	112.3	10.6	17.9		
2003 07 10	20 26.25	+37 08.9	4.610	5.169	118.2	10.0	18.0		
2003 07 20	20 15.26	+35 55.6	4.585	5.210	123.1	9.4	18.0		
2003 07 30	20 04.45	+34 20.5	4.585	5.252	126.5	8.9	18.0		
2003 08 09	19 54.36	+32 25.6	4.611	5.295	127.9	8.7	18.1		
2003 08 19	19 45.41	+30 15.1	4.666	5.339	127.2	8.7	18.1		
2003 08 29	19 37.90	+27 53.7	4.748	5.383	124.3	8.9	18.2		
2003 09 08	19 32.01	+25 26.8	4.858	5.428	119.7	9.3	18.3		
2003 09 18	19 27.78	+22 59.4	4.992	5.473	113.7	9.7	18.4		
2003 09 28	19 25.15	+20 36.0	5.147	5.520	106.7	10.0	18.5		
2003 10 08	19 24.03	+18 19.8	5.318	5.566	99.2	10.2	18.6		
2003 10 18	19 24.27	+16 13.4	5.500	5.614	91.4	10.2	18.7		
2003 10 28	19 25.69	+14 18.0	5.690	5.661	83.3	10.0	18.8		
2003 11 07	19 28.14	+12 34.6	5.881	5.710	75.3	9.7	18.9		
2003 11 17	19 31.45	+11 03.3	6.069	5.758	67.2	9.1	19.0		
2003 11 27	19 35.46	+09 43.9	6.250	5.808	59.3	8.4	19.1		
2003 12 07	19 40.02	+08 36.0	6.419	5.857	51.5	7.6	19.2		
2003 12 17	19 44.98	+07 38.8	6.574	5.908	44.1	6.7	19.3		
2003 12 27	19 50.22	+06 51.5	6.711	5.958	37.3	5.7	19.4		

30P/Reinmuth 1				Elements MPC 34424					
Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2002 07 15		05 22.49	+18 23.3	3.137	2.333	31.6	13.2	17.5	20.1
2002 07 25		05 43.80	+18 45.8	3.029	2.287	36.0	15.1	17.3	20.0
2002 08 04		06 05.54	+18 57.9	2.917	2.242	40.3	17.0	17.1	20.0
2002 08 14		06 27.63	+18 59.3	2.801	2.198	44.6	18.9	16.9	19.9
2002 08 24		06 49.98	+18 49.7	2.682	2.157	48.9	20.7	16.7	19.8
2002 09 03		07 12.51	+18 29.4	2.561	2.117	53.2	22.4	16.4	19.7
2002 09 13		07 35.11	+17 58.6	2.440	2.080	57.5	24.1	16.2	19.7
2002 09 23		07 57.67	+17 18.2	2.318	2.045	61.8	25.6	16.0	19.6
2002 10 03		08 20.09	+16 29.3	2.196	2.012	66.2	27.1	15.8	19.4
2002 10 13		08 42.24	+15 33.5	2.076	1.983	70.6	28.3	15.5	19.3
2002 10 23		09 03.97	+14 32.6	1.958	1.957	75.2	29.5	15.3	19.2
2002 11 02		09 25.17	+13 29.2	1.842	1.934	80.0	30.4	15.1	19.1
2002 11 12		09 45.66	+12 25.9	1.729	1.915	84.9	31.0	14.9	18.9
2002 11 22		10 05.23	+11 26.2	1.619	1.899	90.2	31.3	14.7	18.8
2002 12 02		10 23.69	+10 33.7	1.514	1.888	95.7	31.3	14.5	18.6
2002 12 12		10 40.72	+09 52.4	1.414	1.881	101.7	30.8	14.4	18.4
2002 12 22		10 56.01	+09 26.4	1.321	1.878	108.3	29.8	14.2	18.3
2003 01 01		11 09.18	+09 19.8	1.234	1.879	115.4	28.2	14.1	18.1

2003 01 11	11 19.77	+09 36.1	1.157	1.884	123.2	25.9	13.9	17.9
2003 01 21	11 27.41	+10 17.1	1.090	1.893	131.7	22.8	13.8	17.7
2003 01 31	11 31.78	+11 22.0	1.038	1.907	141.0	19.0	13.8	17.5
2003 02 10	11 32.80	+12 46.2	1.002	1.924	150.8	14.5	13.8	17.2
2003 02 20	11 30.86	+14 20.3	0.985	1.945	160.5	9.8	13.8	17.1
2003 03 02	11 26.76	+15 51.6	0.991	1.970	167.6	6.2	13.9	16.9
2003 03 12	11 21.75	+17 07.0	1.018	1.998	166.4	6.7	14.0	17.0
2003 03 22	11 17.21	+17 56.6	1.069	2.029	158.5	10.4	14.3	17.3
2003 04 01	11 14.21	+18 16.5	1.140	2.063	149.1	14.4	14.5	17.7
2003 04 11	11 13.47	+18 07.1	1.230	2.099	139.9	17.9	14.8	18.0
2003 04 21	11 15.24	+17 32.2	1.337	2.137	131.3	20.7	15.1	18.3
2003 05 01	11 19.39	+16 36.7	1.457	2.178	123.2	22.8	15.4	18.6
2003 05 11	11 25.66	+15 24.9	1.589	2.221	115.6	24.2	15.7	18.9
2003 05 21	11 33.72	+14 01.0	1.729	2.265	108.6	25.1	16.0	19.1
2003 05 31	11 43.20	+12 28.2	1.878	2.310	101.9	25.4	16.3	19.4
2003 06 10	11 53.84	+10 48.8	2.032	2.357	95.5	25.4	16.6	19.6
2003 06 20	12 05.38	+09 05.2	2.191	2.405	89.4	25.0	16.9	19.8
2003 06 30	12 17.64	+07 18.8	2.353	2.454	83.4	24.3	17.2	19.9
2003 07 10	12 30.46	+05 31.0	2.516	2.503	77.6	23.4	17.5	20.1
2003 07 20	12 43.71	+03 43.0	2.679	2.553	71.9	22.2	17.7	20.2
2003 07 30	12 57.33	+01 55.8	2.841	2.603	66.2	20.9	18.0	20.4
2003 08 09	13 11.25	+00 10.2	3.000	2.654	60.6	19.4	18.2	20.5
2003 08 19	13 25.40	-01 33.0	3.155	2.705	55.0	17.9	18.5	20.6
2003 08 29	13 39.76	-03 13.2	3.305	2.757	49.4	16.2	18.7	20.7
2003 09 08	13 54.28	-04 49.8	3.448	2.808	43.8	14.4	18.9	20.7
2003 09 18	14 08.94	-06 22.1	3.583	2.860	38.1	12.5	19.1	20.8
2003 09 28	14 23.70	-07 49.7	3.708	2.911	32.3	10.6	19.3	20.8

C/1999 J4 (LINEAR)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2002 07 15	05 27.84	+13 39.7	9.437	8.588	31.6	3.6	21.4		
2002 07 25	05 30.63	+13 18.0	9.401	8.650	40.2	4.3	21.4		
2002 08 04	05 32.99	+12 54.2	9.345	8.712	49.0	5.0	21.5		
2002 08 14	05 34.85	+12 28.3	9.270	8.774	57.9	5.6	21.5		
2002 08 24	05 36.11	+12 00.5	9.181	8.836	67.1	6.0	21.5		
2002 09 03	05 36.72	+11 30.8	9.081	8.898	76.4	6.3	21.5		
2002 09 13	05 36.61	+10 59.4	8.974	8.960	86.0	6.4	21.5		
2002 09 23	05 35.73	+10 26.6	8.866	9.022	95.7	6.4	21.5		
2002 10 03	05 34.07	+09 52.8	8.761	9.083	105.7	6.1	21.5		
2002 10 13	05 31.61	+09 18.3	8.666	9.145	115.8	5.6	21.4		
2002 10 23	05 28.39	+08 43.9	8.586	9.207	126.1	5.0	21.4		
2002 11 02	05 24.49	+08 10.0	8.525	9.268	136.3	4.2	21.4		
2002 11 12	05 19.99	+07 37.4	8.490	9.330	146.3	3.4	21.3		
2002 11 22	05 15.07	+07 06.8	8.483	9.391	155.5	2.5	21.3		
2002 12 02	05 09.88	+06 38.9	8.509	9.452	162.2	1.8	21.2		
2002 12 12	05 04.62	+06 14.3	8.568	9.514	163.0	1.7	21.3		
2002 12 22	04 59.51	+05 53.4	8.660	9.575	157.3	2.3	21.4		
2003 01 01	04 54.71	+05 36.5	8.784	9.636	148.4	3.1	21.5		
2003 01 11	04 50.39	+05 23.6	8.938	9.697	138.5	3.9	21.5		
2003 01 21	04 46.70	+05 14.6	9.117	9.758	128.3	4.5	21.6		
2003 01 31	04 43.70	+05 09.1	9.317	9.819	118.1	5.1	21.7		
2003 02 10	04 41.45	+05 06.7	9.532	9.880	107.9	5.5	21.8		
2003 02 20	04 39.96	+05 06.8	9.756	9.940	97.9	5.7	21.9		

Elements MPC 34734

2003 03 02	04 39.22	+05 08.7	9.985	10.001	88.1	5.7	22.0		
2003 03 12	04 39.18	+05 12.0	10.213	10.062	78.5	5.6	22.0		
2003 03 22	04 39.78	+05 15.8	10.434	10.122	69.2	5.3	22.1		
2003 04 01	04 40.96	+05 19.8	10.644	10.183	60.1	4.9	22.1		
2003 04 11	04 42.64	+05 23.3	10.840	10.243	51.3	4.4	22.1		
2003 04 21	04 44.74	+05 26.0	11.018	10.303	42.8	3.8	22.1		
2003 05 01	04 47.18	+05 27.3	11.176	10.364	34.7	3.2	22.1		

87P/Bus

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2002 07 25	22 56.38	-05 04.3	3.055	3.874	138.4	10.0	22.5		
2002 08 04	22 51.75	-05 33.9	2.997	3.904	149.3	7.6	22.4		
2002 08 14	22 45.94	-06 11.3	2.964	3.933	160.4	5.0	22.3		
2002 08 24	22 39.39	-06 53.8	2.958	3.961	171.7	2.1	22.1		
2002 09 03	22 32.58	-07 38.2	2.982	3.990	176.4	0.9	22.0		
2002 09 13	22 26.06	-08 21.2	3.037	4.017	165.1	3.7	22.3		
2002 09 23	22 20.34	-08 59.6	3.120	4.045	153.8	6.3	22.5		

Elements MPC 29882

C/2001 C1 (LINEAR)

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2002 08 04	12 39.18	-62 52.3	5.076	5.197	91.2	11.3	16.7		
2002 08 14	12 44.90	-62 54.9	5.188	5.212	85.8	11.2	16.7		
2002 08 24	12 52.40	-63 09.1	5.297	5.228	80.6	11.0	16.8		
2002 09 03	13 01.50	-63 34.7	5.403	5.245	75.7	10.7	16.9		
2002 09 13	13 12.10	-64 11.3	5.502	5.263	71.1	10.4	16.9		
2002 09 23	13 24.14	-64 58.1	5.595	5.282	66.9	10.1	17.0		
2002 10 03	13 37.63	-65 54.3	5.679	5.302	63.1	9.7	17.0		
2002 10 13	13 52.63	-66 59.0	5.754	5.322	59.8	9.3	17.1		
2002 10 23	14 09.26	-68 11.0	5.820	5.344	57.0	9.0	17.1		
2002 11 02	14 27.70	-69 29.2	5.876	5.367	54.9	8.7	17.1		
2002 11 12	14 48.3	-70 52.1	5.922	5.391	53.4	8.5	17.2		
2002 11 22	15 11.3	-72 18.2	5.959	5.415	52.5	8.3	17.2		
2002 12 02	15 37.5	-73 45.4	5.986	5.441	52.4	8.3	17.2		
2002 12 12	16 07.4	-75 11.5	6.004	5.467	52.9	8.3	17.3		
2002 12 22	16 41.8	-76 33.7	6.015	5.494	54.0	8.3	17.3		
2003 01 01	17 21.8	-77 48.2	6.018	5.522	55.6	8.4	17.3		
2003 01 11	18 08.0	-78 50.9	6.015	5.551	57.7	8.6	17.3		
2003 01 21	19 00.3	-79 37.1	6.006	5.581	60.1	8.8	17.4		
2003 01 31	19 57.3	-80 02.7	5.993	5.611	62.8	9.0	17.4		
2003 02 10	20 55.7	-80 05.8	5.977	5.643	65.7	9.2	17.4		
2003 02 20	21 51.9	-79 47.5	5.959	5.675	68.7	9.3	17.4		
2003 03 02	22 43.2	-79 11.8	5.940	5.707	71.7	9.5	17.4		
2003 03 12	23 28.5	-78 24.2	5.920	5.741	74.8	9.6	17.5		
2003 03 22	00 08.0	-77 29.9	5.902	5.775	77.9	9.7	17.5		
2003 04 01	00 42.3	-76 33.3	5.885	5.810	80.8	9.8	17.5		
2003 04 11	01 12.5	-75 38.1	5.870	5.845	83.7	9.8	17.5		
2003 04 21	01 39.3	-74 47.0	5.858	5.882	86.4	9.8	17.5		
2003 05 01	02 03.2	-74 02.1	5.849	5.918	89.0	9.8	17.6		
2003 05 11	02 24.9	-73 25.1	5.844	5.956	91.4	9.8	17.6		
2003 05 21	02 44.4	-72 57.1	5.844	5.994	93.6	9.7	17.6		
2003 05 31	03 02.2	-72 39.1	5.848	6.032	95.6	9.6	17.6		
2003 06 10	03 18.2	-72 31.5	5.857	6.071	97.4	9.5	17.7		
2003 06 20	03 32.4	-72 34.5	5.871	6.111	98.9	9.5	17.7		

Elements MPC 45961

2003 06 30	03 44.8	-72 48.1	5.891	6.151	100.1	9.4	17.7			2002 LK ₁₂	2002 06 10.0	17 11.88	-15 54.9	18.3	-1.05	- 4.4	3.8/09.9	31775
2003 07 10	03 55.2	-73 11.9	5.916	6.192	101.0	9.3	17.8			1999 XN ₁₄₆	2002 06 10.0	17 11.91	-23 06.3	19.1	-0.90	+ 0.1	0.0/10.0	14382
2003 07 20	04 03.3	-73 45.0	5.948	6.233	101.7	9.2	17.8			2002 LN ₂₆	2002 06 10.0	17 11.94	-17 30.5	18.2	-0.91	+ 0.5	2.9/09.6	31782
2003 07 30	04 08.7	-74 26.3	5.985	6.275	102.0	9.1	17.9			1999 WT ₁₄	2002 06 10.0	17 11.95	-15 53.9	19.9	-0.80	+ 3.4	2.0/09.3	13627
2003 08 09	04 10.9	-75 14.1	6.029	6.317	101.9	9.0	17.9			1993 UU ₈	2002 06 10.0	17 12.03	-24 20.4	17.7	-0.93	- 2.2	0.5/10.1	12843
2003 08 19	04 09.1	-76 05.8	6.079	6.360	101.5	9.0	18.0			1999 TP ₉₈	2002 06 10.0	17 12.04	-28 37.9	16.3	-1.15	- 5.7	2.9/09.9	12170
2003 08 29	04 02.4	-76 58.4	6.136	6.403	100.8	8.9	18.0			1993 TH ₂₃	2002 06 10.0	17 12.04	-21 47.4	18.8	-1.13	+ 0.1	0.5/10.0	9031
2003 09 08	03 50.1	-77 47.5	6.200	6.446	99.7	8.9	18.1			1999 VJ ₆₈	2002 06 10.0	17 12.05	-20 30.7	19.4	-1.05	+ 1.8	1.0/09.8	13622
2003 09 18	03 31.5	-78 27.7	6.270	6.490	98.2	8.8	18.1			1981 EW ₆	2002 06 10.0	17 12.06	-26 39.4	19.7	-1.14	+ 4.1	1.6/10.4	26916
2003 09 28	03 06.9	-78 52.8	6.346	6.534	96.4	8.8	18.2			1999 XE ₂₃₄	2002 06 10.0	17 12.06	-12 03.6	19.8	-0.87	+ 1.2	3.7/09.2	11733
2003 10 08	02 38.2	-78 57.0	6.429	6.579	94.3	8.7	18.2			2001 BQ ₂₆	2002 06 10.0	17 12.06	-18 34.7	18.6	-0.86	- 0.1	1.7/09.8	12274
2003 10 18	02 08.6	-78 36.8	6.517	6.624	91.9	8.6	18.3			2000 WK ₂₉	2002 06 10.0	17 12.12	-47 48.3	19.2	-1.97	-10.8	12.0/08.4	9870
2003 10 28	01 41.5	-77 51.7	6.610	6.670	89.2	8.6	18.3			1037 T-2	2002 06 10.0	17 12.18	-21 40.7	20.7	-1.09	+ 1.9	0.6/10.0	2803
2003 11 07	01 19.3	-76 44.5	6.707	6.716	86.3	8.5	18.4			2001 EX ₁	2002 06 10.0	17 12.18	-35 05.5	18.9	-1.11	- 1.3	4.1/10.6	17567
2003 11 17	01 02.9	-75 19.9	6.807	6.762	83.2	8.3	18.5			2002 LR ₁₁	2002 06 10.0	17 12.20	-15 00.7	18.1	-0.99	- 3.6	4.0/10.0	31774
2003 11 27	00 51.8	-73 42.5	6.909	6.808	80.0	8.2	18.5			2000 AE ₁₉₉	2002 06 10.0	17 12.21	-14 12.9	18.7	-0.98	- 2.6	3.0/09.8	31894
2003 12 07	00 45.3	-71 56.4	7.013	6.855	76.8	8.0	18.6			1996 XN ₁	2002 06 10.0	17 12.21	-22 22.2	18.3	-1.09	+ 0.1	0.2/10.0	12113
2003 12 17	00 42.4	-70 05.2	7.116	6.902	73.5	7.9	18.7			2000 WE ₁₂₃	2002 06 10.0	17 12.22	-23 56.7	18.7	-1.07	- 0.5	0.4/10.1	9428
2003 12 27	00 42.41	-68 11.5	7.218	6.949	70.4	7.7	18.7			2130 P-L	2002 06 10.0	17 12.23	-39 17.0	17.4	-1.05	+ 0.1	6.3/10.9	16166
										2001 EX ₂₁	2002 06 10.0	17 12.34	-10 11.9	19.3	-0.80	+ 3.0	4.4/08.8	31942
										1999 XZ ₄₁	2002 06 10.0	17 12.35	-16 34.7	17.5	-0.95	+ 5.3	2.3/09.3	31882
										2000 AC	2002 06 10.0	17 12.35	-15 59.8	19.0	-0.97	+ 0.1	2.3/09.7	2256
										1993 TF ₆	2002 06 10.0	17 12.36	-11 56.2	19.9	-0.85	+ 4.1	4.0/08.8	32933
										2000 AN ₃	2002 06 10.1	17 12.29	-34 17.4	20.2	-0.91	- 0.7	3.2/10.7	25768
										1999 XR ₂₀₉	2002 06 10.1	17 12.29	-38 58.2	19.0	-0.98	+ 3.2	4.5/11.8	12219
										2000 WB ₅₅	2002 06 10.1	17 12.31	-31 47.1	18.4	-1.14	+ 1.9	3.4/10.8	13797
										1998 SE ₄	2002 06 10.1	17 12.35	-38 24.2	18.3	-1.04	- 0.1	5.0/10.9	13577
										2002 LU ₄	2002 06 10.1	17 12.36	-20 54.5	17.0	-1.03	- 3.3	1.1/10.1	31769
										1999 UQ ₅₇	2002 06 10.1	17 12.38	-24 47.9	17.6	-1.11	- 3.9	0.9/10.1	31873
										1999 XK ₅₇	2002 06 10.1	17 12.42	-20 14.1	19.5	-0.96	+ 1.7	1.0/09.9	13631
										2001 ER ₂₀	2002 06 10.1	17 12.43	-16 44.1	19.8	-0.94	+ 1.6	2.0/09.7	11952
										2001 FV	2002 06 10.1	17 12.44	-09 37.3	18.8	-0.82	+ 2.6	4.5/08.9	31942
										1995 UC ₁₄	2002 06 10.1	17 12.48	-22 11.6	18.4	-1.05	+ 1.4	0.4/10.1	15019
										2000 AB ₂₃	2002 06 10.1	17 12.52	-22 52.8	18.6	-0.98	- 0.7	0.0/10.1	19473
										2000 AA ₁₈₇	2002 06 10.1	17 12.52	-11 10.1	19.3	-0.88	+ 0.2	3.6/09.4	13128
										1978 UA ₅	2002 06 10.1	17 12.54	-27 09.8	19.5	-1.15	+ 1.0	1.7/10.4	36500
										1999 VW ₃₈	2002 06 10.1	17 12.56	-24 28.3	19.3	-0.99	+ 0.5	0.6/10.2	12985
										2000 YB ₃₅	2002 06 10.1	17 12.59	-06 03.7	20.6	-0.86	- 0.6	5.0/09.4	13801
										1998 MM ₄₇	2002 06 10.1	17 12.59	-06 31.8	16.6	-0.96	- 7.2	7.6/10.7	31818
										1998 WL ₁₃	2002 06 10.1	17 12.64	-23 17.5	18.3	-0.85	+ 3.9	0.1/10.2	31845
										1999 RO ₉₁	2002 06 10.1	17 12.67	-21 00.5	19.2	-1.02	+ 0.9	0.7/10.0	12153
										1996 XG ₁₀	2002 06 10.1	17 12.69	-20 01.2	18.7	-1.13	- 2.3	1.4/10.1	10836
										1999 QM ₂	2002 06 10.1	17 12.69	-29 57.5	19.2	-1.10	+ 1.0	2.5/10.6	13604
										1998 QS ₇₇	2002 06 10.1	17 12.73	-28 58.5	18.3	-0.93	+ 3.1	1.9/10.8	27608
										2002 JK ₁₀₁	2002 06 10.1	17 12.74	+05 34.7	19.2	-1.12	- 6.9	11.1/11.7	31729
										1994 PC ₁₇	2002 06 10.1	17 12.77	-30 54.4	19.9	-1.11	+ 1.7	2.8/10.7	19244
										1999 TG ₃₉	2002 06 10.2	17 12.72	-18 27.9	20.5	-0.98	- 0.1	1.5/10.0	1476
										2000 YA ₄₆	2002 06 10.2	17 12.72	-18 32.6	18.5	-1.01	+ 0.9	1.7/09.9	12262
										1992 EH ₇	2002 06 10.2	17 12.74	-17 46.1	19.2	-0.92	- 0.6	1.9/10.0	12106
										1998 QJ ₁₀	2002 06 10.2	17 12.91	-12 51.1	17.6	-1.00	0.0	4.5/09.6	31819
										1999 RB ₁₈₃	2002 06 10.2	17 12.97	-15 38.6	19.6	-1.02	+ 1.3	2.8/09.7	12157

111P/Helin-Roman-Crockett Elements MPC 42667

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2002 08 04		23 31.53	-08 27.0	3.432	4.269	141.0	8.6	20.3	22.4
2002 08 14		23 27.92	-09 00.4	3.341	4.259	151.5	6.5	20.2	22.3
2002 08 24		23 23.19	-09 38.6	3.275	4.248	162.1	4.2	20.1	22.1
2002 09 03		23 17.67	-10 18.7	3.236	4.237	172.1	1.9	20.1	21.9
2002 09 13		23 11.77	-10 57.8	3.227	4.227	172.4	1.8	20.1	21.9
2002 09 23		23 05.98	-11 32.6	3.248	4.216	162.5	4.1	20.1	22.1
2002 10 03		23 00.75	-12 00.5	3.297	4.205	151.7	6.5	20.1	22.2
2002 10 13		22 56.51	-12 19.5	3.372	4.193	140.9	8.6	20.1	22.3
2002 10 23		22 53.58	-12 28.5	3.469	4.182	130.4	10.4	20.1	22.5

54P/de Vico-Swift Elements MPC 34423

Date	TT	α_{2000}	δ_{2000}	Δ	r	ϵ	ϕ	m_1	m_2
2002 08 04		01 40.11	+10 31.0	1.655	2.146	104.4	27.2	16.1	22.5
2002 08 14		01 48.94	+11 56.3	1.558	2.147	111.5	26.0	15.9	22.3
2002 08 24		01 55.41	+13 11.6	1.467	2.150	119.2	24.2	15.8	22.1
2002 09 03		01 59.16	+14 15.6	1.387	2.156	127.6	21.8	15.7	21.9
2002 09 13		01 59.90	+15 06.7	1.318	2.164	136.8	18.6	15.6	21.7
2002 09 23		01 57.63	+15 43.6	1.266	2.176	146.8	14.6	15.6	21.5
2002 10 03		01 52.66	+16 05.4	1.232	2.189	157.3	10.1	15.6	21.3
2002 10 13		01 45.75	+16 12.5	1.220	2.206	168.1	5.4	15.6	21.1
2002 10 23		01 38.10	+16 07.7	1.232	2.224	174.4	2.5	15.7	21.0
2002 11 02		01 30.99	+15 55.9	1.269	2.245	166.2	6.0	15.8	21.2
2002 11 12		01 25.58	+15 43.3	1.330	2.269	155.5	10.4	16.0	21.6
2002 11 22		01 22.66	+15 35.6	1.414	2.294	144.9	14.3	16.2	21.9
2002 12 02		01 22.53	+15 36.7	1.517	2.321	135.0	17.5	16.4	22.2
2002 12 12		01 25.21	+15 48.8	1.636	2.350	125.6	19.9	16.6	22.4

OPPOSITION DATA

Planet	Opposition	α_{2000}	δ_{2000}	V	$\dot{\alpha}$	$\dot{\delta}$	ϕ_{MIN}	Ref.
2000 DU ₂₅	2002 06 10.0	17 11.88	-23 31.9	19.0	-0.88	+ 0.9	0.2/10.0	31900
2002 KU ₁₄	2002 06 10.0	17 11.88	+02 22.4	19.1	-0.79	- 2.5	9.6/09.3	31766

2002 KD ₁₄	2002 06 10.2	17 12.98 +01 28.4 17.1	-0.81 - 2.4	11.9/09.0	31765	2001 BW ₇₆	2002 06 10.5	17 14.27 -19 18.8 18.8	-0.85 + 1.3	1.3/10.3	17542
2001 FV ₉₃	2002 06 10.2	17 13.00 -21 35.6 17.2	-0.91 - 3.0	0.5/10.2	31944	1999 VR ₁₇₆	2002 06 10.5	17 14.27 -08 47.8 19.4	-0.90 + 3.4	4.7/09.2	31878
2001 CO	2002 06 10.2	17 13.13 -13 55.3 19.5	-1.01 + 1.5	3.6/09.7	10739	1999 RQ ₁₃₀	2002 06 10.5	17 14.28 -31 59.1 18.5	-1.15 + 2.3	3.5/11.3	13606
2001 EN ₅	2002 06 10.2	17 13.17 -31 48.2 19.1	-1.03 - 0.5	3.1/10.7	11932	1999 XJ ₁₉₂	2002 06 10.6	17 14.36 -29 52.8 17.4	-1.02 - 1.5	2.5/10.8	13638
1993 FC ₆₀	2002 06 10.3	17 13.12 -00 23.7 18.1	-0.82 + 5.4	10.8/06.7	31215	1998 RG ₁	2002 06 10.6	17 14.41 -09 16.0 18.2	-0.75 + 0.9	3.7/09.6	31824
1993 FU ₄₉	2002 06 10.3	17 13.13 -22 04.3 18.4	-0.98 + 1.6	0.3/10.2	12107	1999 VC ₆₂	2002 06 10.6	17 14.54 -19 49.6 18.9	-1.02 + 2.5	1.3/10.4	676
1999 TH ₁₉₈	2002 06 10.3	17 13.15 -48 51.4 18.7	-1.47 - 5.5	9.7/09.8	10914	1999 UH ₄₁	2002 06 10.6	17 14.58 -07 33.9 19.5	-0.99 + 2.9	5.7/09.1	1517
2000 YS ₈₅	2002 06 10.3	17 13.20 -15 03.6 19.4	-1.06 0.0	3.3/09.9	31931	2001 BW ₄₇	2002 06 10.6	17 14.58 -39 38.9 18.4	-1.13 + 2.3	6.3/12.0	12277
2000 YP ₁₁₅	2002 06 10.3	17 13.30 -18 39.0 18.4	-1.12 - 0.9	1.8/10.1	10663	1994 WW ₁₂	2002 06 10.6	17 14.64 -30 40.6 20.1	-0.93 + 3.4	2.4/11.4	16722
2001 CD ₇	2002 06 10.3	17 13.38 -16 31.8 18.7	-0.92 - 0.4	2.4/10.0	12285	2001 FT ₃₃	2002 06 10.6	17 14.65 +03 40.3 20.0	-0.88 + 0.9	8.3/08.8	13828
1999 TO ₂₆₄	2002 06 10.3	17 13.40 -29 39.7 18.0	-1.12 - 3.0	3.1/10.5	17058	1999 RN ₆₃	2002 06 10.6	17 14.66 -13 43.6 18.5	-1.00 + 2.7	4.7/09.8	31260
1999 XT ₁₂₁	2002 06 10.3	17 13.43 -25 36.3 19.1	-0.97 + 4.2	0.8/10.6	13635	1999 VF ₅	2002 06 10.6	17 14.67 -19 16.4 17.7	-0.97 + 1.0	1.5/10.4	12186
2001 DM	2002 06 10.3	17 13.46 -36 09.8 18.1	-0.96 - 0.5	4.6/11.1	13253	2000 AO ₃	2002 06 10.6	17 14.70 -45 54.2 19.4	-1.05 + 2.0	6.2/12.7	20745
1998 HK ₇	2002 06 10.3	17 13.47 -40 52.6 17.9	-1.48 - 4.7	6.6/10.5	30267	1993 TZ ₄₆	2002 06 10.6	17 14.70 -19 16.1 20.0	-1.15 + 0.3	1.9/10.5	10830
2000 SJ ₂₄	2002 06 10.3	17 13.54 -52 08.8 18.3	-1.97 +12.6	14.0/16.3	5939	1999 XD ₃₇	2002 06 10.6	17 14.70 -18 10.6 18.6	-0.97 - 2.1	1.6/10.5	31882
2001 CZ ₁₃	2002 06 10.3	17 13.54 -34 49.6 19.5	-1.05 + 1.4	4.2/11.3	13810	1999 RZ ₁₉₅	2002 06 10.6	17 14.71 -19 40.5 18.1	-1.08 + 4.3	1.5/10.3	31862
1999 RO ₄₃	2002 06 10.3	17 13.55 -30 47.5 17.9	-1.11 + 2.2	3.9/11.0	9739	2001 EU	2002 06 10.6	17 14.74 -23 26.2 18.5	-0.84 - 0.6	0.1/10.7	31941
1996 AF ₁₈	2002 06 10.3	17 13.55 -21 46.1 19.5	-0.95 + 1.6	0.4/10.3	2622	2001 BB ₃₄	2002 06 10.6	17 14.78 -23 08.1 17.6	-0.85 + 1.0	0.0/10.7	31936
1999 XP ₁₉₃	2002 06 10.3	17 13.55 -27 29.1 17.4	-1.13 - 4.2	1.7/10.4	31886	1996 TK ₂₉	2002 06 10.6	17 14.85 -22 29.3 19.6	-1.07 + 1.4	0.2/10.7	11480
1999 RP ₁₉₂	2002 06 10.4	17 13.53 -12 34.8 18.4	-0.98 + 1.7	4.5/09.6	31862	2001 GT ₄	2002 06 10.6	17 14.89 -36 54.8 18.1	-1.24 - 2.6	4.6/11.0	13849
1999 XN ₁₁₃	2002 06 10.4	17 13.54 -37 01.7 19.1	-1.12 + 2.9	4.7/11.6	40417	1999 VA ₂₆	2002 06 10.7	17 14.77 -28 06.2 19.7	-0.92 - 1.5	1.5/10.9	13620
1998 FN ₅₅	2002 06 10.4	17 13.54 -28 26.5 18.0	-1.19 - 0.1	2.2/10.7	13560	1993 FU ₅₃	2002 06 10.7	17 14.79 -11 05.6 19.1	-0.66 + 0.4	3.1/09.9	13538
2001 DU ₉₈	2002 06 10.4	17 13.56 -37 50.7 19.8	-1.11 + 3.5	5.0/11.9	11917	2000 AS ₇₆	2002 06 10.7	17 14.81 -18 22.0 18.7	-0.84 - 0.9	1.5/10.5	13109
1998 SN ₁₅₆	2002 06 10.4	17 13.58 -26 15.1 17.9	-0.94 + 0.8	1.3/10.6	35635	1999 UZ ₄₂	2002 06 10.7	17 14.82 -40 42.9 18.5	-1.28 - 0.6	8.1/11.3	13618
2001 DL ₁₀₅	2002 06 10.4	17 13.60 -19 56.6 20.5	-0.95 + 1.7	1.0/10.2	11922	1999 TK ₁₇₁	2002 06 10.7	17 14.89 -18 06.1 21.5	-0.95 + 1.7	1.6/10.4	17051
2000 AC ₅₃	2002 06 10.4	17 13.65 -25 04.5 20.3	-1.11 - 3.6	0.7/10.4	2712	1989 YH ₈	2002 06 10.7	17 14.95 -12 50.3 19.9	-1.02 - 0.6	3.5/10.3	13533
2001 CO ₂₄	2002 06 10.4	17 13.67 -15 11.4 20.0	-0.95 + 1.1	2.9/09.9	10772	1998 HO ₁₂₇	2002 06 10.7	17 14.97 -14 06.4 18.8	-1.02 + 2.7	3.7/10.0	31816
1999 RO ₁₆₉	2002 06 10.4	17 13.76 -32 39.4 18.6	-1.13 + 2.7	4.1/11.3	12156	1999 RM ₁₀₉	2002 06 10.7	17 15.15 -25 05.2 17.8	-1.03 + 4.4	0.9/11.0	31859
1997 BS ₄	2002 06 10.4	17 13.84 -18 52.6 19.3	-1.05 + 1.4	1.6/10.2	12115	1998 KK ₂	2002 06 10.7	17 15.17 -22 31.3 16.2	-1.20 - 8.4	0.2/10.8	31816
1995 DR ₆	2002 06 10.4	17 13.86 -24 52.7 18.2	-0.90 + 0.4	0.6/10.6	31805	1994 WG ₁	2002 06 10.7	17 15.18 -28 15.0 18.1	-1.03 - 2.1	1.8/10.9	12110
1999 VV ₁₁₄	2002 06 10.4	17 13.86 -43 04.8 18.1	-1.23 - 0.4	6.8/11.4	13624	2001 AY ₃₇	2002 06 10.7	17 15.19 -36 18.7 19.2	-1.08 - 0.1	4.2/11.6	13804
1999 XP ₃₀	2002 06 10.4	17 13.88 -12 55.5 19.4	-0.79 + 3.1	3.1/09.5	31881	2001 DA ₂₁	2002 06 10.7	17 15.19 -22 06.6 19.9	-0.99 - 0.3	0.3/10.7	11866
1999 XX ₂₄₈	2002 06 10.4	17 13.89 -11 46.4 18.9	-0.97 - 3.3	4.0/10.3	31887	1999 SJ ₁₁	2002 06 10.7	17 15.20 -20 52.8 18.0	-0.97 - 1.1	0.8/10.7	31864
1998 SU ₁₄₂	2002 06 10.4	17 13.90 -37 56.8 19.5	-1.02 - 0.6	4.7/11.2	14124	1999 RC ₁₁₈	2002 06 10.7	17 15.22 -22 01.9 17.8	-1.07 + 3.6	0.4/10.7	31859
1998 HR	2002 06 10.4	17 13.96 -24 13.8 19.0	-1.11 - 1.0	0.5/10.5	10850	2001 CV ₃₇	2002 06 10.7	17 15.22 -18 20.5 17.8	-1.10 - 7.1	1.8/10.9	20836
1999 VL ₃₇	2002 06 10.4	17 14.01 -19 45.3 18.8	-0.94 + 3.1	1.1/10.2	12189	1997 LG ₄	2002 06 10.7	17 15.25 +00 55.4 19.0	-0.83 - 0.3	8.6/09.1	31809
2000 YV ₇₂	2002 06 10.4	17 14.01 -20 01.9 19.0	-1.05 + 0.8	1.3/10.3	11816	1998 FE ₆₅	2002 06 10.7	17 15.29 -30 28.0 17.6	-1.16 + 1.1	3.0/11.3	13561
2001 FO ₆₀	2002 06 10.4	17 14.01 -21 04.5 18.2	-0.83 + 0.3	0.6/10.4	31943	1998 FP ₁₃₀	2002 06 10.8	17 15.24 -22 16.8 18.4	-1.09 - 0.2	0.3/10.8	9072
1999 TZ ₂₀₄	2002 06 10.5	17 13.94 -25 58.4 18.7	-0.97 + 1.7	1.1/10.7	12176	1999 RD ₄₆	2002 06 10.8	17 15.25 -30 51.0 18.9	-1.23 + 0.8	3.5/11.2	12151
2000 CU ₆₄	2002 06 10.5	17 13.97 -36 04.2 18.7	-0.97 + 1.3	4.0/11.4	19505	1998 FJ ₄₃	2002 06 10.8	17 15.27 -15 42.3 18.5	-1.04 + 2.0	3.1/10.3	31812
2001 DZ ₈₀	2002 06 10.5	17 14.00 -32 11.7 20.0	-1.03 - 0.9	3.2/10.9	17562	1999 RE ₁₄₅	2002 06 10.8	17 15.30 -24 58.5 19.3	-1.08 + 3.4	0.8/11.0	12155
2001 FJ ₆₇	2002 06 10.5	17 14.01 -02 20.4 19.7	-0.73 + 0.8	5.6/09.1	13834	1999 RA ₉₄	2002 06 10.8	17 15.31 -17 57.2 19.0	-1.10 - 0.1	2.1/10.6	12153
2001 EV ₁₈	2002 06 10.5	17 14.01 -03 17.2 19.4	-0.86 + 0.9	6.7/09.2	11951	1999 XR ₁₂₃	2002 06 10.8	17 15.32 -36 30.0 18.8	-1.14 - 0.8	5.1/11.4	15053
2000 VM ₂₉	2002 06 10.5	17 14.01 -16 05.3 19.0	-1.03 + 1.7	2.7/10.0	8530	1999 TF ₁₁₃	2002 06 10.8	17 15.32 -25 44.1 18.0	-1.05 + 3.8	1.4/11.1	31867
1999 UY ₄₄	2002 06 10.5	17 14.02 -16 18.7 19.1	-0.90 + 1.9	2.4/10.0	31873	1999 XV ₁₂₈	2002 06 10.8	17 15.38 -34 58.0 19.0	-1.11 - 1.9	4.1/11.2	13635
2000 AO ₁₇₆	2002 06 10.5	17 14.05 -12 31.5 19.1	-0.80 + 2.4	3.2/09.6	11765	1999 XT ₁₄₄	2002 06 10.8	17 15.42 -11 30.5 19.3	-0.83 - 2.7	3.4/10.6	31885
1999 XX ₁₉₇	2002 06 10.5	17 14.07 -31 25.5 18.3	-0.95 - 1.6	2.6/10.8	13638	2001 CT ₄₂	2002 06 10.8	17 15.44 -16 00.4 19.9	-0.99 + 0.4	2.5/10.4	12291
1998 SZ ₇₈	2002 06 10.5	17 14.20 -22 03.5 19.8	-0.88 + 1.2	0.3/10.5	10337	1999 TP ₁₂₀	2002 06 10.8	17 15.47 -26 38.7 18.9	-1.12 + 1.5	1.5/11.1	1488
1998 HH ₃₇	2002 06 10.5	17 14.21 -24 28.3 17.9	-1.04 + 1.8	0.7/10.7	31229	2000 YV ₁₃₁	2002 06 10.8	17 15.51 -05 16.5 18.4	-0.93 - 4.4	7.1/10.9	31933
1998 TN ₁₂	2002 06 10.5	17 14.26 -23 07.3 19.6	-0.88 + 1.1	0.0/10.6	16858	1999 XV ₁₈₄	2002 06 10.8	17 15.51 -38 37.8 17.8	-1.11 + 5.8	6.7/12.8	17108
1999 RV ₄₈	2002 06 10.5	17 14.26 -22 36.6 17.3	-1.11 + 2.4	0.2/10.5	31858	2000 AK ₂	2002 06 10.8	17 15.53 -35 42.9 19.3	-1.05 + 1.3	3.7/11.7	40428

2001 AA ₁₇	2002 06 10.8	17 15.55	-21 07.2	19.5	-1.08	+ 0.5	0.7/10.8	13804	2000 CK ₁₂₀	2002 06 11.2	17 17.10	-15 40.0	18.1	-0.86	+ 1.9	2.5/10.7	31899
1998 FC ₂₃	2002 06 10.8	17 15.62	-36 12.9	18.0	-1.22	+ 0.6	6.1/11.7	12120	2000 AY ₁₄₅	2002 06 11.2	17 17.20	-25 37.1	20.0	-1.00	+ 2.0	0.8/11.5	2720
2001 DK ₂₀	2002 06 10.8	17 15.64	-29 55.1	19.8	-0.94	- 1.0	2.1/11.2	13813	2001 BF ₃₃	2002 06 11.2	17 17.24	-23 54.5	19.0	-1.07	+ 1.0	0.3/11.3	12276
2000 YN ₈₄	2002 06 10.8	17 15.68	-11 35.2	18.5	-1.01	- 4.1	4.3/10.9	31931	1999 XN ₈₉	2002 06 11.2	17 17.25	-19 35.1	19.9	-0.87	+ 0.7	1.1/11.1	14163
1998 KC ₁	2002 06 10.9	17 15.64	-05 37.8	18.1	-1.00	+ 9.3	8.3/07.7	31816	1999 RD ₂₂₄	2002 06 11.2	17 17.26	-30 35.2	17.8	-1.18	- 1.3	3.1/11.5	12159
2001 AC ₅	2002 06 10.9	17 15.65	-17 21.3	18.9	-1.11	+ 1.2	2.5/10.5	31933	2002 LL ₃	2002 06 11.2	17 17.27	+08 58.2	18.4	-0.76	+ 0.6	9.7/08.6	31768
1996 XE ₉	2002 06 10.9	17 15.72	-23 31.9	19.2	-1.07	+ 2.9	0.2/11.0	12114	1998 QF ₆₀	2002 06 11.3	17 17.28	-19 18.7	18.5	-0.88	+ 0.6	1.4/11.1	30275
2000 QZ ₁₈₀	2002 06 10.9	17 15.73	-32 19.2	17.9	-1.24	- 1.1	3.8/11.3	10968	2001 EW ₁₉	2002 06 11.3	17 17.31	-21 12.9	19.3	-0.88	- 0.1	0.6/11.2	11952
2001 BV ₆₁	2002 06 10.9	17 15.76	-47 24.2	16.8	-1.29	+ 1.2	9.9/12.5	12279	2001 FV ₃₃	2002 06 11.3	17 17.40	-36 52.3	18.2	-0.98	+ 3.3	5.0/12.7	12319
1999 XJ ₁₄₀	2002 06 10.9	17 15.78	-25 40.1	21.7	-0.82	+ 1.8	0.7/11.1	18220	1999 LH ₄	2002 06 11.3	17 17.46	+13 15.9	17.7	-1.22	-12.6	18.1/16.0	31254
1999 RF ₁₆₆	2002 06 10.9	17 15.80	-09 39.7	18.8	-0.98	+ 0.2	5.2/10.2	12156	1998 SX ₁₅₁	2002 06 11.3	17 17.52	-20 45.6	19.5	-0.87	+ 0.1	0.8/11.2	19347
1997 EK ₁₂	2002 06 10.9	17 15.80	-31 02.3	17.1	-1.18	+ 4.6	3.6/11.7	16009	1999 VP ₁₀₂	2002 06 11.3	17 17.53	-21 03.9	19.0	-0.99	+ 2.8	1.0/11.2	20743
2001 BJ ₄₈	2002 06 10.9	17 15.81	-06 48.9	16.5	-0.84	+ 4.8	7.4/09.0	31936	1999 VC ₁₈	2002 06 11.3	17 17.54	-28 31.3	21.6	-1.03	+ 0.6	1.9/11.7	12976
1993 RM ₁₆	2002 06 10.9	17 15.86	-16 55.7	20.6	-0.87	+ 1.1	1.9/10.5	<i>34503</i>	2001 CF ₁₅	2002 06 11.3	17 17.56	-13 02.2	18.4	-0.84	- 3.0	3.9/11.2	31938
2001 FV ₁₁₁	2002 06 10.9	17 15.86	-26 41.3	19.5	-0.87	+ 1.6	1.1/11.2	12076	1999 VD ₈₃	2002 06 11.3	17 17.57	-35 20.5	18.7	-1.07	- 2.4	6.3/11.6	15051
2000 AS ₁₅₁	2002 06 10.9	17 15.88	-25 09.0	18.4	-1.17	- 1.6	0.8/11.0	1564	2001 AP ₃₈	2002 06 11.3	17 17.64	-02 14.3	18.2	-1.00	+ 7.1	7.7/08.5	30446
1027 T-2	2002 06 10.9	17 15.95	-09 38.1	18.8	-0.83	+ 1.6	5.1/09.9	<i>33057</i>	1988 CJ ₄	2002 06 11.3	17 17.65	-36 12.3	18.0	-1.11	+ 5.1	4.9/12.9	13531
1996 VR ₅	2002 06 10.9	17 16.02	-19 53.4	18.7	-1.03	+ 1.2	1.1/10.8	13547	1999 RY ₈₇	2002 06 11.3	17 17.70	-35 03.2	17.9	-1.12	- 0.6	6.3/11.9	9740
2357 T-3	2002 06 10.9	17 16.05	-17 14.6	20.8	-1.04	+ 2.3	2.1/10.5	2594	1998 RQ ₂₆	2002 06 11.3	17 17.71	-38 07.4	20.4	-1.15	- 0.2	5.8/12.0	16843
1999 VH ₆₂	2002 06 10.9	17 16.07	-19 23.2	19.1	-0.91	+ 2.0	1.3/10.7	12191	2001 FW ₁₈₉	2002 06 11.3	17 17.73	-23 55.2	17.5	-0.88	+ 0.9	0.3/11.4	31946
2001 BD ₂₉	2002 06 11.0	17 16.12	-11 21.8	20.2	-0.98	- 0.5	4.0/10.5	12275	2000 AH ₁₉₁	2002 06 11.3	17 17.75	-02 52.7	19.3	-0.86	+ 0.4	6.7/10.0	31893
1998 KF ₁	2002 06 11.0	17 16.14	-19 53.0	18.1	-1.01	+ 1.8	1.4/10.8	8407	2002 JD ₇₄	2002 06 11.4	17 17.73	-09 05.6	18.4	-0.79	+ 2.2	5.4/10.1	31707
2001 DD ₇₆	2002 06 11.0	17 16.14	-15 45.6	18.1	-1.12	+ 1.6	3.3/10.5	31941	1999 UD ₄₉	2002 06 11.4	17 17.73	-25 26.3	16.9	-1.01	+ 4.2	1.1/11.6	31873
2001 FN ₁₁₂	2002 06 11.0	17 16.22	-07 39.8	18.6	-0.80	+ 0.5	5.4/10.0	31945	1999 VR ₁₉₀	2002 06 11.4	17 17.77	-14 04.3	20.1	-0.90	+ 3.8	2.8/10.5	1542
1999 YL ₄	2002 06 11.0	17 16.23	-21 44.3	19.3	-0.90	0.0	0.5/11.0	20745	2000 AA ₅₅	2002 06 11.4	17 17.83	-17 55.9	19.9	-0.79	- 0.2	1.4/11.2	31889
1999 RS ₂₀₄	2002 06 11.0	17 16.25	-19 27.7	17.1	-0.98	+ 5.3	1.3/10.6	31862	1999 RT ₁₄₅	2002 06 11.4	17 17.86	-25 05.4	19.9	-1.13	+ 2.2	0.8/11.6	5608
2000 WY ₅₄	2002 06 11.0	17 16.30	-23 08.1	18.9	-1.11	- 1.2	0.0/11.1	12254	2001 DS ₄₈	2002 06 11.4	17 17.87	-23 39.9	17.8	-1.00	- 3.3	0.2/11.4	31400
1998 TJ ₃₂	2002 06 11.0	17 16.30	-20 29.8	18.8	-0.82	+ 1.8	0.7/10.9	<i>40343</i>	2001 BK ₁₉	2002 06 11.4	17 17.92	-11 50.9	17.0	-0.97	- 5.4	4.9/11.6	31936
1999 VT ₁₈₆	2002 06 11.0	17 16.42	-17 31.2	20.0	-0.93	+ 0.7	2.0/10.7	13625	2000 YF ₅₄	2002 06 11.4	17 17.99	-46 25.0	19.8	-1.41	+ 8.6	8.0/15.3	9902
1999 VF ₂₆	2002 06 11.0	17 16.46	-21 38.3	18.9	-1.07	+ 1.8	0.6/11.0	13620	2000 BO ₂₂	2002 06 11.4	17 17.99	-27 00.7	18.5	-0.82	+ 3.3	1.2/11.8	13139
1998 RY ₇₉	2002 06 11.0	17 16.50	-12 29.1	18.7	-0.83	+ 3.1	3.4/10.1	31828	2001 FJ ₁₀₃	2002 06 11.4	17 18.02	-22 40.5	19.7	-0.85	+ 0.9	0.1/11.4	13333
1999 TG ₁₇₂	2002 06 11.0	17 16.52	-23 48.1	19.8	-1.03	- 0.5	0.3/11.1	15050	1998 FR ₁₁₈	2002 06 11.4	17 18.06	-26 58.2	17.8	-1.12	+ 2.4	1.7/11.8	8401
1999 SE ₁₃	2002 06 11.1	17 16.47	-31 26.6	19.9	-1.06	- 1.9	2.6/11.4	13609	2001 DO ₃₈	2002 06 11.4	17 18.08	+00 00.5	18.3	-0.90	- 1.7	8.9/10.8	31940
1999 VN ₅	2002 06 11.1	17 16.50	-17 01.6	19.0	-0.95	+ 2.8	2.0/10.6	11627	1999 TW ₆₄	2002 06 11.4	17 18.09	-21 40.9	17.9	-0.97	+ 1.5	0.7/11.4	6930
1999 VV ₁₃₄	2002 06 11.1	17 16.50	-24 56.1	20.0	-0.98	+ 0.5	0.8/11.2	17079	1981 EN ₄₅	2002 06 11.4	17 18.09	-26 49.1	18.9	-1.16	+ 1.9	1.4/11.7	10824
6702 P-L	2002 06 11.1	17 16.53	-36 16.2	18.9	-1.24	- 0.8	6.0/11.6	579	2001 DR ₅₃	2002 06 11.4	17 18.13	-10 51.3	18.3	-0.81	+ 1.7	4.0/10.6	11890
1999 RJ ₅₁	2002 06 11.1	17 16.56	-17 08.1	18.5	-1.07	+ 1.9	2.8/10.7	31858	1994 TJ ₁₁	2002 06 11.5	17 18.10	-14 40.2	21.3	-0.85	+ 1.7	2.5/10.9	<i>33245</i>
1999 XE ₉₂	2002 06 11.1	17 16.58	-25 03.7	17.9	-1.03	+ 6.7	0.8/11.4	31883	1999 TR ₆₉	2002 06 11.5	17 18.10	-20 24.8	19.3	-0.95	+ 1.7	1.0/11.3	10907
1999 XK ₁₅₉	2002 06 11.1	17 16.61	-18 29.9	17.2	-0.99	+ 3.7	1.8/10.7	13636	1999 VX ₁₂₃	2002 06 11.5	17 18.13	-11 55.3	18.5	-0.83	+ 4.3	4.0/10.4	31877
2001 AZ ₅₁	2002 06 11.1	17 16.62	-11 00.5	18.4	-1.03	- 1.1	4.4/10.7	12271	2000 WX ₄₁	2002 06 11.5	17 18.21	-24 04.8	19.5	-1.06	+ 0.3	0.4/11.6	13796
2001 DD ₃₅	2002 06 11.1	17 16.66	-21 49.0	19.2	-1.03	+ 1.5	0.5/11.1	12297	1998 HX ₁₄₀	2002 06 11.5	17 18.22	-03 51.9	19.1	-0.93	+ 1.3	8.6/10.3	26883
1999 RX ₁₇₀	2002 06 11.1	17 16.70	-04 12.4	20.4	-0.95	+ 0.9	6.7/09.8	12156	1999 TM ₂₁₈	2002 06 11.5	17 18.22	-27 10.6	20.1	-1.11	+ 0.4	1.6/11.7	4533
1999 XN ₄₁	2002 06 11.1	17 16.75	-18 46.8	19.4	-0.92	+ 0.3	1.5/10.9	11693	2000 YV ₅₀	2002 06 11.5	17 18.22	-14 44.1	19.2	-1.00	- 1.1	3.3/11.2	12262
5047 T-3	2002 06 11.1	17 16.80	-13 59.9	20.2	-1.02	- 0.1	3.5/10.7	20667	2000 XR ₃₈	2002 06 11.5	17 18.26	-30 20.0	17.6	-1.19	+ 4.2	3.4/12.2	11011
1999 XE ₂₄₉	2002 06 11.1	17 16.82	-16 03.5	19.6	-0.92	+ 2.4	2.3/10.6	18222	1994 RF	2002 06 11.5	17 18.28	-18 44.8	19.8	-0.88	+ 1.6	1.3/11.2	<i>40306</i>
1990 VY ₁	2002 06 11.2	17 16.88	-09 50.8	18.2	-0.92	+ 3.3	4.5/09.9	31802	1999 TU ₉₆	2002 06 11.5	17 18.30	-19 15.8	19.4	-0.99	- 0.8	1.3/11.4	13611
1994 PR ₁₄	2002 06 11.2	17 16.89	-16 03.6	19.5	-0.92	+ 1.4	2.9/10.7	<i>36884</i>	1999 WC ₅	2002 06 11.5	17 18.38	-19 22.5	16.3	-0.90	- 3.1	1.3/11.5	31880
1999 VO ₁₁₂	2002 06 11.2	17 17.00	-23 58.3	18.3	-0.89	+ 0.6	0.3/11.3	14377	1999 VP ₁₇₂	2002 06 11.5	17 18.39	-26 52.4	18.4	-0.94	- 2.1	1.2/11.7	30335
2000 AZ ₁₅₁	2002 06 11.2	17 17.01	-16 00.1	18.2	-0.99	+ 0.4	2.7/10.8	31892	2000 AY ₅₃	2002 06 11.5	17 18.44	-32 25.0	18.6	-0.96	+ 2.6	2.9/12.3	27657
1999 RS ₁₅₃	2002 06 11.2	17 17.04	-21 39.1	18.6	-0.99	+ 2.5	0.5/11.1	13607	1996 WL ₃	2002 06 11.5	17 18.53	-34 23.5	18.2	-1.26	- 0.7	5.7/11.9	<i>40313</i>
1999 XU ₁₀₉	2002 06 11.2	17 17.08	-18 22.4	19.3	-0.97	+ 1.2	1.6/10.9	11711	2000 YG ₁₄₀	2002 06 11.5	17 18.58	-28 38.5	18.4	-1.11	- 4.2	2.0/11.6	12267

2001 EM ₁₈	2002 06 11.6	17 18.55 +02 57.4 18.6	-0.79 - 1.7	9.4/10.9	31406	1997 YD ₂	2002 06 11.9	17 20.00 -26 44.2 17.0	-1.16 + 3.6	1.7/12.3	31810
2000 CZ ₁₉	2002 06 11.6	17 18.56 -26 54.2 18.6	-0.90 + 3.3	1.2/12.0	31896	2000 WZ ₁₄₃	2002 06 11.9	17 20.06 -31 04.0 19.4	-1.69 -14.4	4.0/11.1	18303
1999 TR ₉₉	2002 06 11.6	17 18.65 +09 49.3 19.0	-0.86 + 2.0	11.5/08.7	31867	1998 QD ₇₅	2002 06 11.9	17 20.07 -06 00.6 17.5	-0.80 + 5.2	8.2/09.7	31822
2002 LT ₁₁	2002 06 11.6	17 18.66 -12 40.0 18.1	-0.88 - 1.0	5.3/11.2	31775	1998 FM ₁₁₅	2002 06 11.9	17 20.11 -34 34.5 19.7	-1.22 + 1.4	4.7/12.7	10849
1999 TL ₂₁₇	2002 06 11.6	17 18.67 -11 47.7 19.7	-0.93 + 2.8	4.1/10.7	31287	1999 WZ ₁₄	2002 06 11.9	17 20.12 -32 26.9 18.7	-1.19 - 2.4	4.4/12.1	2693
1999 XW ₆₆	2002 06 11.6	17 18.81 -23 48.8 19.1	-1.00 - 0.6	0.2/11.7	1551	2001 FD ₁₂₀	2002 06 11.9	17 20.13 -21 32.6 19.6	-0.80 + 0.6	0.5/11.9	17586
1999 RU ₂₄	2002 06 11.6	17 18.81 -20 20.1 20.1	-0.97 + 1.8	0.9/11.5	2650	1999 XX ₁₀₈	2002 06 11.9	17 20.15 -12 39.9 18.8	-0.91 + 3.9	3.9/11.0	1554
1998 FU ₄₂	2002 06 11.6	17 18.85 -17 33.0 17.3	-1.12 + 2.4	2.4/11.2	31812	1999 TX ₂₁₃	2002 06 11.9	17 20.15 -17 39.0 21.2	-0.93 + 1.2	1.7/11.6	12960
1999 XC ₁₃₇	2002 06 11.6	17 18.87 -26 59.9 20.0	-1.03 + 2.8	1.2/12.0	40419	1991 VY ₅	2002 06 11.9	17 20.16 -18 38.4 19.3	-0.98 0.0	1.5/11.8	13535
1995 YG ₂₃	2002 06 11.6	17 18.93 -14 59.5 19.3	-0.89 - 1.3	2.4/11.4	13545	2001 ES ₆	2002 06 11.9	17 20.16 -19 33.8 18.9	-0.95 - 0.1	1.1/11.8	13819
1999 XD ₁₂₃	2002 06 11.6	17 19.00 -33 45.9 17.3	-1.09 + 1.7	4.2/12.4	13635	2001 AW ₂₀	2002 06 11.9	17 20.16 -14 32.9 20.4	-1.05 + 2.2	3.3/11.4	19917
2001 AS ₄₇	2002 06 11.7	17 18.93 -21 18.8 18.9	-1.25 - 6.3	0.6/11.7	12271	1999 VF ₆₁	2002 06 11.9	17 20.18 -25 17.3 18.2	-1.12 - 0.3	0.9/12.1	11645
1999 PW	2002 06 11.7	17 18.95 -15 16.6 17.4	-1.00 + 3.1	3.8/11.1	31856	2001 BG ₆₉	2002 06 11.9	17 20.19 -03 24.7 18.9	-0.90 - 1.8	6.9/11.4	12281
2000 AG ₅₁	2002 06 11.7	17 18.97 -29 13.2 18.6	-0.89 + 3.2	2.1/12.3	11745	2001 EM ₂₁	2002 06 11.9	17 20.24 -26 20.0 19.0	-0.87 + 1.9	1.1/12.2	11954
1998 RE ₇₀	2002 06 11.7	17 18.99 -12 23.8 17.6	-0.83 + 0.2	5.6/11.0	31240	2000 EP ₁₁	2002 06 12.0	17 20.18 -13 58.3 18.6	-0.84 - 1.9	2.7/11.7	31901
1085 T-2	2002 06 11.7	17 19.04 -25 30.3 20.4	-1.09 + 1.3	0.9/11.9	2587	1998 FA ₇₀	2002 06 12.0	17 20.20 -25 50.2 17.2	-1.05 - 2.8	1.5/12.0	10848
1998 SP ₁₂₆	2002 06 11.7	17 19.05 -09 08.6 19.1	-0.79 + 0.2	4.2/10.9	31835	1999 VY	2002 06 12.0	17 20.21 -33 12.6 20.4	-1.08 - 0.1	3.3/12.5	11623
2001 AD ₄₇	2002 06 11.7	17 19.07 -39 03.1 20.2	-1.39 - 4.9	5.5/11.6	14418	2001 BY ₇₇	2002 06 12.0	17 20.36 -05 37.9 17.8	-0.85 + 3.4	6.8/10.5	31937
2000 CF ₉	2002 06 11.7	17 19.09 -11 53.3 19.1	-0.84 - 0.9	3.5/11.3	31896	1998 FW ₈₇	2002 06 12.0	17 20.39 -25 44.3 18.6	-1.17 - 0.6	1.1/12.1	12121
2000 WZ ₈₇	2002 06 11.7	17 19.12 -32 22.2 18.4	-1.13 + 2.8	3.3/12.5	13797	1999 XD ₁₁₆	2002 06 12.0	17 20.45 -30 25.4 19.2	-1.02 + 1.3	2.3/12.5	40417
1999 RG ₂₆	2002 06 11.7	17 19.13 -29 23.1 19.4	-1.23 - 0.3	2.6/12.0	40357	1999 XB ₁₃₂	2002 06 12.0	17 20.47 -31 28.9 19.2	-0.89 + 0.2	2.5/12.5	13635
1999 XD ₆₉	2002 06 11.7	17 19.16 -23 11.4 19.0	-0.87 - 0.8	0.0/11.8	13631	1998 HL ₄₆	2002 06 12.0	17 20.48 -18 44.4 18.7	-1.03 + 0.8	2.0/11.8	9706
1999 WV ₁₄	2002 06 11.7	17 19.16 -19 21.9 18.4	-0.92 + 2.8	1.4/11.4	1545	2001 AE ₇	2002 06 12.0	17 20.48 -12 50.3 18.5	-1.01 - 0.9	4.4/11.7	31933
1999 VM ₂₁₁	2002 06 11.7	17 19.20 -26 59.2 18.5	-1.06 + 0.3	1.9/11.9	26924	4810 P-L	2002 06 12.0	17 20.49 -39 45.3 19.5	-1.00 + 0.1	4.8/12.9	12342
1999 RN ₁₂₁	2002 06 11.7	17 19.21 -10 34.0 18.2	-0.97 - 0.2	6.2/11.2	31859	2001 AR ₁₇	2002 06 12.0	17 20.55 -34 15.1 18.1	-0.98 + 2.6	3.9/13.0	31934
1999 RB ₅₀	2002 06 11.7	17 19.22 -19 49.8 20.0	-1.07 + 2.2	1.2/11.5	11539	2000 YM ₄₁	2002 06 12.0	17 20.63 -25 42.1 18.6	-1.08 + 4.0	1.1/12.3	9488
2001 DY ₂₇	2002 06 11.7	17 19.29 -24 03.9 18.3	-0.83 + 0.1	0.4/11.8	11872	1999 SX ₁₉	2002 06 12.1	17 20.64 -19 24.0 18.1	-1.08 - 1.4	1.8/12.0	9753
2000 RE ₁₁	2002 06 11.7	17 19.38 -16 49.0 16.9	-1.09 + 2.5	2.8/11.3	31330	2000 YR ₁₂₇	2002 06 12.1	17 20.65 -38 25.0 20.4	-1.18 + 3.4	5.3/13.5	12267
1998 HP ₁₅₂	2002 06 11.7	17 19.43 -26 50.6 19.1	-1.13 + 1.4	1.5/12.0	12125	2000 AC ₆₂	2002 06 12.1	17 20.67 -12 09.9 19.4	-0.77 - 0.9	3.1/11.7	31889
2001 FT ₁₉₂	2002 06 11.8	17 19.35 -15 18.2 18.8	-0.86 + 1.4	2.9/11.3	31946	2001 ET ₂₅	2002 06 12.1	17 20.83 -17 21.1 19.4	-0.95 + 2.7	2.1/11.7	19924
2001 BZ ₆₅	2002 06 11.8	17 19.36 -01 27.0 19.8	-0.78 - 0.7	6.3/11.0	12280	2001 EZ ₅	2002 06 12.1	17 20.83 -38 15.6 18.8	-1.03 - 0.8	5.0/12.8	30452
1998 QS ₁₀	2002 06 11.8	17 19.40 -03 11.5 17.6	-0.86 - 2.3	9.0/11.2	31819	1999 SJ ₇	2002 06 12.1	17 20.89 -16 12.2 18.6	-1.07 - 0.7	2.7/11.9	31863
2001 BR ₅₉	2002 06 11.8	17 19.42 -03 28.6 19.6	-0.89 - 0.3	6.7/10.9	13807	1999 RT ₁₈₇	2002 06 12.1	17 20.90 -02 47.8 20.0	-0.87 + 0.3	6.4/11.2	13607
2286 T-3	2002 06 11.8	17 19.51 -36 24.8 18.6	-1.15 + 0.2	6.3/12.5	9937	1999 XA ₂	2002 06 12.1	17 20.94 -11 07.6 17.9	-0.98 - 2.5	4.2/11.9	31880
2781 P-L	2002 06 11.8	17 19.57 -33 37.9 18.1	-1.25 - 2.3	4.9/11.9	11063	1999 RF ₅₉	2002 06 12.1	17 20.96 -13 28.1 19.7	-1.04 + 0.9	4.0/11.6	12151
1999 TC ₉₈	2002 06 11.8	17 19.67 -14 09.7 18.5	-1.04 - 1.1	3.8/11.5	31278	2001 DA ₇₄	2002 06 12.1	17 21.01 -01 05.1 19.5	-0.76 + 0.1	6.6/11.2	12302
2000 AP ₁₂	2002 06 11.8	17 19.73 -26 41.8 17.2	-1.06 + 1.9	1.5/12.1	12224	1999 RQ ₂₃₃	2002 06 12.1	17 21.09 -23 52.4 19.6	-1.09 - 1.5	0.3/12.2	12938
2000 YN ₇₆	2002 06 11.8	17 19.73 -20 49.6 18.2	-1.14 - 1.1	1.1/11.8	16090	1981 EA ₁₉	2002 06 12.2	17 21.01 -27 01.9 18.6	-1.05 + 0.7	1.4/12.4	12102
1999 VY ₁₉₇	2002 06 11.8	17 19.76 -03 03.5 19.0	-0.87 + 2.1	7.0/10.3	12200	2001 FO ₆₈	2002 06 12.2	17 21.04 -04 04.2 19.8	-0.83 + 0.5	5.8/11.1	14268
1999 VZ ₁₆₇	2002 06 11.8	17 19.82 -27 17.1 18.1	-1.11 + 0.1	1.7/12.1	13625	2000 YN ₇₄	2002 06 12.2	17 21.08 -24 33.2 19.5	-1.17 + 2.5	0.6/12.3	18308
1999 UJ ₄	2002 06 11.9	17 19.76 -09 42.3 20.0	-0.99 + 2.0	5.0/10.9	31872	1999 TJ ₁₂₂	2002 06 12.2	17 21.18 -12 30.8 20.3	-1.02 + 1.6	4.1/11.5	14140
1999 SD ₇	2002 06 11.9	17 19.77 -22 34.6 16.7	-1.11 - 2.8	0.2/11.9	31863	2001 DU ₁₀₀	2002 06 12.2	17 21.18 -39 17.0 18.8	-1.18 - 1.5	6.1/12.8	18313
2001 DJ ₃₅	2002 06 11.9	17 19.81 -12 25.6 19.2	-0.88 + 0.1	4.2/11.4	31940	1995 WC ₃₇	2002 06 12.2	17 21.20 -12 07.4 20.5	-0.90 - 0.7	3.5/11.8	5415
1999 TC ₂₁₄	2002 06 11.9	17 19.87 -17 14.8 20.0	-0.90 + 1.0	1.9/11.6	12960	2000 AA ₂₁₉	2002 06 12.2	17 21.24 -31 07.3 19.4	-1.01 + 2.4	2.8/12.8	31894
1999 VK ₁₄₉	2002 06 11.9	17 19.87 -16 27.1 19.6	-0.91 + 2.4	2.5/11.4	11665	1998 SS ₁₄₇	2002 06 12.2	17 21.24 -48 26.5 18.1	-1.19 - 3.0	7.9/12.6	13581
1999 VF ₁₃₅	2002 06 11.9	17 19.89 -42 35.4 19.5	-1.24 + 0.1	7.3/13.2	17079	1999 TG ₁₄	2002 06 12.2	17 21.25 -31 21.1 17.7	-1.17 - 2.2	3.6/12.4	12163
1998 RW ₆₁	2002 06 11.9	17 19.91 -23 13.2 18.8	-0.86 + 1.1	0.0/11.9	31826	1999 VW ₂₁₉	2002 06 12.2	17 21.29 -06 01.5 19.6	-0.90 + 3.0	5.9/10.7	12202
1998 UC ₄₂	2002 06 11.9	17 19.91 -18 11.5 21.5	-0.80 + 0.8	1.4/11.6	13584	1998 GE ₁	2002 06 12.2	17 21.33 -20 06.6 16.5	-1.07 - 3.6	1.5/12.3	31814
2000 AW ₁₆₉	2002 06 11.9	17 19.94 -09 33.0 17.6	-0.91 - 1.7	6.3/11.4	31893	2000 XX ₃₈	2002 06 12.2	17 21.36 -52 56.8 18.7	-1.97 - 7.7	13.7/10.6	19909
2000 AC ₆₃	2002 06 11.9	17 19.94 -14 52.4 18.8	-0.84 - 1.6	2.5/11.7	31889	2000 AJ ₁₀₁	2002 06 12.2	17 21.39 -18 16.5 19.6	-0.96 + 0.5	1.6/12.0	2716
2001 DE ₉₀	2002 06 11.9	17 19.99 -48 56.1 18.5	-1.17 + 4.3	8.5/15.0	12304	1998 BC ₈	2002 06 12.2	17 21.41 -29 13.6 17.6	-1.10 + 1.5	3.0/12.7	10843

2001 FL ₆₄	2002 06 12.2	17 21.47 -07 45.8 20.3	-0.78 + 0.5	4.5/11.5	13833	1999 RN ₂₀₈	2002 06 12.6	17 23.10 -18 26.4 19.9	-0.97 + 2.7	1.6/12.3	40372
1997 AB ₁	2002 06 12.3	17 21.46 -22 42.0 18.7	-1.14 - 0.4	0.2/12.3	12114	2001 ET ₂₁	2002 06 12.6	17 23.17 -28 23.9 19.1	-1.09 + 2.5	2.0/13.1	13275
2002 JG ₇₄	2002 06 12.3	17 21.51 -21 24.7 16.6	-1.39 -23.2	0.9/12.6	32026	1999 XB ₂₀₄	2002 06 12.7	17 23.07 -37 49.9 18.5	-1.12 + 0.1	5.3/13.3	12219
2001 DB ₇₁	2002 06 12.3	17 21.55 -15 28.3 20.2	-0.89 + 0.9	2.5/11.9	13259	1998 HA ₁₃₇	2002 06 12.7	17 23.10 -13 30.0 18.9	-1.05 - 0.7	4.0/12.4	12125
1999 RB ₄₅	2002 06 12.3	17 21.57 -26 17.8 19.6	-1.12 + 0.9	1.2/12.5	13605	2002 LS ₄₇	2002 06 12.7	17 23.24 -01 36.4 18.6	-0.89 + 3.8	9.0/10.3	31786
2001 BO ₇₉	2002 06 12.3	17 21.57 -12 34.5 18.6	-0.98 - 1.1	4.8/11.9	31937	2001 DT ₃₀	2002 06 12.7	17 23.24 -05 34.0 20.4	-0.87 - 1.4	5.9/12.3	12296
2001 FR ₃₃	2002 06 12.3	17 21.67 -30 38.5 19.0	-0.95 + 3.0	2.6/13.0	11994	1984 CE	2002 06 12.7	17 23.25 -14 06.6 18.1	-0.99 - 2.2	3.1/12.5	31801
2001 AN ₂₃	2002 06 12.3	17 21.71 -14 29.4 19.2	-0.95 - 1.1	3.4/12.1	12269	1999 XT ₉₆	2002 06 12.7	17 23.27 -22 21.1 18.0	-0.83 + 3.9	0.2/12.7	5672
1999 VM ₂₆	2002 06 12.3	17 21.80 -21 24.0 19.4	-1.00 + 1.3	0.7/12.3	10487	2001 DQ ₂₄	2002 06 12.7	17 23.27 -08 12.6 18.6	-0.84 - 2.2	5.8/12.5	31940
1999 XL ₇₈	2002 06 12.4	17 21.82 -21 13.9 19.6	-0.83 + 3.4	0.6/12.2	17099	1999 VX ₁₀₀	2002 06 12.7	17 23.36 -23 11.6 20.2	-1.07 + 1.0	0.0/12.8	17076
1999 VC ₁₇₂	2002 06 12.4	17 21.85 -26 37.8 19.6	-0.94 + 0.6	1.2/12.6	22121	2001 DA ₄₃	2002 06 12.7	17 23.37 -12 20.5 19.5	-0.89 - 0.1	4.0/12.3	11883
1999 TV ₄₆	2002 06 12.4	17 21.85 -27 40.5 19.7	-1.15 + 0.1	1.9/12.6	19455	2002 LM ₁₂	2002 06 12.7	17 23.41 -15 24.1 18.7	-0.96 - 1.4	4.1/12.5	31775
1999 VA ₁₈₄	2002 06 12.4	17 22.01 -20 51.1 20.5	-1.05 + 0.7	0.9/12.3	15052	1999 TM ₁₂₁	2002 06 12.7	17 23.41 -18 53.7 18.6	-0.98 + 0.2	1.6/12.6	12171
1999 TW ₁₁₁	2002 06 12.4	17 22.02 -23 47.5 20.0	-0.98 + 1.3	0.2/12.5	12171	2001 FG ₈₁	2002 06 12.7	17 23.45 -17 37.8 18.3	-0.85 + 3.5	1.9/12.3	31944
1999 TY ₂₃₂	2002 06 12.4	17 22.08 -12 58.8 17.9	-0.96 - 2.3	4.0/12.3	31870	1999 XB ₁₃₀	2002 06 12.7	17 23.45 -31 52.5 19.0	-1.09 - 2.9	3.0/12.8	38157
2001 CK ₂₇	2002 06 12.4	17 22.25 -23 37.8 18.1	-1.04 - 2.3	0.2/12.5	12288	1999 TW ₂₃₆	2002 06 12.7	17 23.49 -10 11.6 19.7	-0.87 - 0.4	4.3/12.3	31871
2001 ED ₈	2002 06 12.4	17 22.25 -37 52.0 18.7	-1.00 - 0.7	5.0/13.1	13820	2001 DQ ₂₁	2002 06 12.7	17 23.51 -02 57.2 19.0	-0.92 - 1.8	6.7/12.3	31939
1993 PS ₅	2002 06 12.4	17 22.25 -05 39.9 19.9	-0.85 + 0.9	5.6/11.3	32932	2001 AG ₄₅	2002 06 12.7	17 23.55 -48 29.5 17.7	-1.17 + 3.0	8.8/15.4	27763
1999 XL ₂₀₃	2002 06 12.4	17 22.29 -22 23.2 16.9	-0.95 - 5.5	0.3/12.5	31886	2001 CF ₂₉	2002 06 12.7	17 23.58 -19 48.1 18.7	-1.10 - 1.7	1.4/12.7	12289
1999 RZ ₁₆₈	2002 06 12.5	17 22.26 -27 07.7 18.2	-1.15 + 1.2	1.8/12.7	12156	1999 XW ₁₁₅	2002 06 12.8	17 23.53 -28 28.9 18.6	-1.09 + 1.8	2.0/13.1	40417
1999 XP ₉₇	2002 06 12.5	17 22.27 -27 45.9 16.4	-1.02 - 4.0	1.9/12.5	31884	1999 XE ₆₈	2002 06 12.8	17 23.54 -19 34.5 18.9	-0.89 + 0.3	1.2/12.6	14380
2001 EA ₁₅	2002 06 12.5	17 22.32 -34 14.9 20.6	-0.98 - 1.8	3.2/12.8	13821	2001 DM ₆₄	2002 06 12.8	17 23.62 -24 03.8 19.2	-1.12 + 1.6	0.4/12.9	11893
1999 XB ₅₈	2002 06 12.5	17 22.33 -21 32.5 20.3	-0.92 - 0.7	0.5/12.5	14799	2001 AP ₁₅	2002 06 12.8	17 23.63 -21 18.8 19.2	-0.99 + 2.3	0.7/12.7	12268
1993 FH ₃₄	2002 06 12.5	17 22.33 -29 31.7 18.9	-1.05 - 0.8	2.4/12.7	12107	2000 WC ₁₆₉	2002 06 12.8	17 23.81 -20 27.8 18.3	-1.01 + 2.6	1.0/12.7	12257
2000 WH	2002 06 12.5	17 22.37 -22 10.5 18.7	-1.10 + 1.0	0.4/12.5	9866	1993 UV ₄	2002 06 12.8	17 23.93 -07 37.8 19.5	-0.79 + 0.8	4.8/12.0	31804
1999 WL ₁₂	2002 06 12.5	17 22.41 -16 31.8 20.1	-1.03 + 2.9	2.7/12.0	14797	1998 UJ ₂₆	2002 06 12.8	17 23.93 -16 36.9 20.3	-0.80 + 0.1	1.8/12.6	31840
2001 BJ ₃₅	2002 06 12.5	17 22.45 -29 32.5 17.4	-0.90 + 2.1	2.5/13.0	12276	1999 RO ₆₈	2002 06 12.8	17 23.94 -27 04.4 21.0	-1.11 + 0.4	1.4/13.1	26909
2001 BG ₈	2002 06 12.5	17 22.52 -29 43.1 17.8	-1.14 + 0.3	2.7/12.9	12273	1999 XH ₁₄₀	2002 06 12.8	17 23.97 -20 24.4 20.5	-0.88 + 0.1	0.9/12.8	27655
2000 UM ₃₀	2002 06 12.5	17 22.55 -12 29.5 18.5	-1.54 -13.1	4.8/13.5	31918	2000 YX ₂₆	2002 06 12.8	17 23.97 +02 21.8 17.1	-0.82 + 2.2	9.7/11.1	31930
1999 XN ₂₄₁	2002 06 12.5	17 22.55 -19 41.4 18.8	-0.96 - 2.9	1.2/12.5	13083	1990 SE ₉	2002 06 12.8	17 23.99 -26 10.2 19.2	-1.04 - 1.3	1.2/13.0	14345
1999 TZ ₁₆₆	2002 06 12.5	17 22.56 -22 54.9 17.4	-0.88 + 5.4	0.1/12.5	31869	2000 YH ₄₉	2002 06 12.9	17 23.90 -27 25.2 18.9	-1.11 + 3.5	1.8/13.2	9495
1998 CO	2002 06 12.5	17 22.56 -10 38.3 18.3	-1.03 - 1.1	5.8/12.2	31810	1999 XU ₂₀₂	2002 06 12.9	17 23.90 -36 36.6 19.9	-0.91 + 1.8	3.5/13.9	27656
1998 TA ₃₃	2002 06 12.5	17 22.58 -21 22.7 19.6	-0.84 + 0.7	0.5/12.5	12143	1999 XV ₁₈₆	2002 06 12.9	17 23.97 -31 21.3 20.1	-1.03 + 2.7	2.5/13.5	6264
1998 RK ₁₄	2002 06 12.5	17 22.61 -20 05.8 20.7	-0.87 + 0.7	1.0/12.4	19342	1999 UP	2002 06 12.9	17 23.99 -12 36.2 17.9	-0.97 + 3.0	4.9/12.0	31872
2000 AG ₁₀₆	2002 06 12.5	17 22.68 -13 27.4 18.9	-0.81 - 1.7	2.9/12.3	13116	1999 TS ₆₃	2002 06 12.9	17 23.99 -16 28.9 20.2	-0.93 + 1.5	2.1/12.5	1479
1999 RW ₁₉₃	2002 06 12.5	17 22.71 -37 08.1 17.0	-1.14 + 3.3	7.2/13.7	10898	2000 WV ₁₄₃	2002 06 12.9	17 24.03 -26 15.7 19.4	-1.10 + 0.4	1.1/13.1	12256
2000 VH ₃₉	2002 06 12.5	17 22.73 -12 53.3 19.1	-1.16 - 8.1	3.5/13.1	12252	2000 AO ₁₅₃	2002 06 12.9	17 24.06 -30 08.0 17.4	-1.09 + 7.9	2.5/13.8	40440
2001 FH ₁₀₉	2002 06 12.6	17 22.69 -29 38.4 19.2	-0.87 0.0	2.0/12.9	13840	2001 ER ₁₈	2002 06 12.9	17 24.09 -46 26.2 18.5	-1.23 0.0	9.7/13.9	17569
1999 XU ₂₃	2002 06 12.6	17 22.75 -15 16.6 18.7	-0.95 + 3.6	2.8/11.9	31881	2001 BD ₄₁	2002 06 12.9	17 24.19 +02 36.0 17.2	-0.77 - 4.9	11.1/13.7	31391
1999 VH ₁₅₉	2002 06 12.6	17 22.80 -29 05.3 19.5	-1.07 + 0.8	2.3/12.9	17082	1999 UG ₈	2002 06 12.9	17 24.25 -23 23.4 18.2	-1.09 + 1.7	0.1/13.0	40384
2001 EN ₇	2002 06 12.6	17 22.84 -35 46.8 18.7	-0.96 - 0.6	4.2/13.1	13819	1999 RY ₁₉	2002 06 12.9	17 24.38 -27 09.7 18.5	-1.15 + 2.2	1.8/13.2	1448
1999 RH ₂₃₄	2002 06 12.6	17 22.86 -13 50.4 18.5	-1.05 - 1.3	4.0/12.3	31863	2001 BF ₁₁	2002 06 13.0	17 24.40 -30 33.6 20.4	-1.03 + 4.0	2.4/13.7	10690
1999 WH ₁₃	2002 06 12.6	17 22.87 -20 43.8 18.8	-0.98 + 2.0	1.0/12.5	2693	1999 VW ₁₅₇	2002 06 13.0	17 24.41 -23 01.4 17.7	-1.00 + 2.1	0.1/13.0	31878
1998 SA ₁₁₂	2002 06 12.6	17 22.91 -15 06.1 19.1	-0.78 + 0.4	2.3/12.2	31834	1999 XM ₅	2002 06 13.0	17 24.45 -30 27.4 19.1	-0.97 - 2.7	2.2/13.1	13627
1999 VB ₁₉	2002 06 12.6	17 22.91 -22 14.7 18.4	-1.07 + 4.5	0.4/12.6	31874	1999 RP ₂₃₇	2002 06 13.0	17 24.72 -12 55.8 19.1	-1.00 - 0.8	3.6/12.7	31863
2000 AZ ₇₈	2002 06 12.6	17 22.97 -15 45.7 19.7	-0.87 + 0.4	2.2/12.3	1561	1998 UR ₇	2002 06 13.0	17 24.74 -11 21.2 20.0	-0.83 + 2.3	3.6/12.1	35722
1999 TN ₂₉₀	2002 06 12.6	17 22.99 -04 53.3 17.0	-0.86 + 4.0	7.6/10.9	31871	1999 XZ ₂₂₉	2002 06 13.0	17 24.80 -34 26.0 16.6	-1.08 + 4.8	4.3/14.3	13640
1999 RL ₁₂₉	2002 06 12.6	17 22.99 -34 40.1 18.7	-1.23 + 1.5	5.4/13.3	10894	1999 XG ₉₀	2002 06 13.1	17 24.73 -18 35.5 18.9	-0.85 - 1.8	1.4/13.0	13633
2000 WM ₁₅₆	2002 06 12.6	17 23.01 -30 14.4 19.9	-1.19 + 2.8	3.0/13.2	9883	2001 FG ₆₉	2002 06 13.1	17 24.77 -22 39.7 18.3	-0.87 - 0.5	0.2/13.1	31944
1999 XH ₁₀₄	2002 06 12.6	17 23.04 -25 20.7 19.7	-1.09 - 2.9	0.8/12.7	1553	2001 CH ₂₀	2002 06 13.1	17 24.79 -31 32.4 19.2	-1.10 - 3.1	2.9/13.2	15825
1999 XO ₂₁₀	2002 06 12.6	17 23.10 -35 17.3 18.0	-1.05 - 2.9	4.0/12.8	13639	2000 AJ ₁₃	2002 06 13.1	17 24.81 -28 28.2 19.0	-0.99 + 0.5	1.9/13.4	11739

2001 FY ₉₄	2002 06 13.1	17 24.83	+05 09.5	17.9	-0.78	- 0.6	9.7/11.4	31944	1998 QF ₉₈	2002 06 13.4	17 26.47	-02 59.4	18.9	-1.00	+ 1.5	8.5/11.7	31823
1999 UH ₁₉	2002 06 13.1	17 24.85	-23 20.6	19.7	-1.00	+ 0.6	0.1/13.1	12182	2001 BC ₆₄	2002 06 13.5	17 26.42	-30 06.9	18.4	-1.00	+ 3.2	2.5/14.1	12280
2001 BG ₇₁	2002 06 13.1	17 24.87	-36 26.6	18.7	-1.10	+ 5.0	5.1/14.5	12282	1999 XS ₄₈	2002 06 13.5	17 26.47	-25 47.2	19.9	-0.95	+ 0.9	0.8/13.6	5669
1999 RT ₁₈₄	2002 06 13.1	17 24.95	-20 21.9	19.0	-1.05	- 0.7	1.1/13.1	11552	2000 AW ₁₇₃	2002 06 13.5	17 26.49	-10 43.0	19.0	-0.88	- 0.5	3.9/13.0	31893
2000 XC ₄₅	2002 06 13.1	17 25.02	-53 50.0	18.6	-2.01	-11.6	15.6/09.5	17507	2001 CN ₃	2002 06 13.5	17 26.49	-55 10.6	17.3	-1.43	+ 1.8	14.7/15.0	12284
1999 VS ₁₁₄	2002 06 13.1	17 25.02	-22 33.2	18.5	-0.97	+ 3.7	0.2/13.1	13624	2001 CT ₂₆	2002 06 13.5	17 26.49	-40 35.9	18.7	-1.12	+ 3.2	7.1/15.0	17546
2000 AK ₁₅₈	2002 06 13.1	17 25.08	-24 29.9	20.8	-0.85	+ 0.3	0.4/13.2	17138	2001 BR ₇₄	2002 06 13.5	17 26.50	-25 44.9	19.2	-1.01	+ 0.3	1.0/13.6	10735
1999 JY ₁	2002 06 13.1	17 25.09	+10 09.4	19.3	-1.15	+ 5.8	14.6/08.8	31854	1999 XF ₁₄₈	2002 06 13.5	17 26.51	-23 09.6	20.2	-0.90	+ 0.2	0.0/13.5	17105
1998 UJ ₂₇	2002 06 13.1	17 25.12	-08 27.4	19.3	-0.77	+ 1.0	4.5/12.3	31840	1999 TN ₁₃₃	2002 06 13.5	17 26.52	-27 13.3	20.4	-1.03	+ 0.8	1.4/13.7	12954
1998 EF ₁₁	2002 06 13.1	17 25.16	-19 46.1	17.5	-0.96	- 1.9	1.8/13.1	31224	1999 XH ₈₄	2002 06 13.5	17 26.55	-18 53.8	17.8	-1.04	- 3.7	1.6/13.5	40413
1995 SQ ₄₄	2002 06 13.1	17 25.17	-23 38.9	19.2	-1.07	+ 1.0	0.2/13.2	15015	2001 BQ ₆₁	2002 06 13.5	17 26.59	+15 00.3	20.5	-0.86	+ 0.8	10.4/11.6	13246
1999 XY ₁₄₀	2002 06 13.1	17 25.17	-21 07.4	19.8	-0.89	+ 0.1	0.7/13.1	12215	1999 VR ₂₇	2002 06 13.5	17 26.65	-19 34.8	17.2	-1.04	+ 4.2	1.8/13.2	31874
1999 XS ₁₃₄	2002 06 13.2	17 25.16	-15 48.3	19.8	-0.96	- 2.2	2.4/13.1	18220	2001 DE ₃₁	2002 06 13.5	17 26.74	-33 09.3	20.1	-1.03	+ 0.6	3.1/14.1	12296
1999 VM ₂₁₃	2002 06 13.2	17 25.26	-22 40.3	17.8	-0.90	- 2.0	0.2/13.2	31879	2001 AG ₃₈	2002 06 13.5	17 26.74	-38 19.2	18.0	-1.24	- 3.3	6.1/13.5	12270
1997 CL ₅	2002 06 13.2	17 25.26	-19 24.1	18.0	-0.93	- 0.6	1.8/13.1	31808	1996 HR ₂₀	2002 06 13.5	17 26.79	-12 49.7	18.4	-0.80	+ 2.5	3.3/12.8	13546
1999 VC ₅₉	2002 06 13.2	17 25.31	-25 59.6	19.6	-1.11	0.0	1.1/13.3	12191	1996 TB ₃₃	2002 06 13.5	17 26.81	-19 28.3	18.4	-1.09	+ 3.6	1.7/13.3	10835
1999 RE ₈₄	2002 06 13.2	17 25.34	-28 11.0	20.5	-1.03	+ 0.6	1.6/13.5	16041	2001 CF ₄₆	2002 06 13.6	17 26.92	-02 39.8	19.6	-0.84	- 3.7	6.0/13.8	14419
2001 BN ₁₄	2002 06 13.2	17 25.36	-19 01.6	19.8	-1.03	+ 0.7	1.5/13.0	12273	1999 TS ₁₃₈	2002 06 13.6	17 26.99	-21 44.3	20.9	-0.97	+ 1.2	0.5/13.6	12172
1999 RS ₁₃₄	2002 06 13.2	17 25.38	-30 21.9	19.3	-1.14	+ 2.2	2.7/13.7	17035	1998 QK ₄₈	2002 06 13.6	17 27.06	-34 52.9	18.5	-0.98	+ 1.7	3.7/14.4	30274
2000 AT ₁₀	2002 06 13.2	17 25.41	-33 08.1	19.6	-0.99	- 2.1	3.0/13.4	17125	1998 FZ ₈₆	2002 06 13.6	17 27.06	-36 36.3	17.4	-1.30	- 2.8	5.9/13.7	13562
2001 BV ₃₉	2002 06 13.2	17 25.45	-45 26.5	19.0	-1.09	+ 0.6	7.3/14.4	31936	2001 FB ₁₂₇	2002 06 13.6	17 27.09	-14 03.1	19.6	-0.76	- 0.2	2.6/13.3	17587
2001 AX ₁₃	2002 06 13.2	17 25.47	-14 54.8	17.5	-1.01	- 4.2	3.7/13.3	31934	1999 RO ₁₉₀	2002 06 13.6	17 27.09	-32 57.0	18.9	-1.14	- 0.2	3.6/14.0	13607
2001 DY ₇	2002 06 13.2	17 25.51	-18 49.5	19.9	-0.92	+ 0.1	1.5/13.1	10792	1995 YO ₇	2002 06 13.6	17 27.13	-15 05.8	18.9	-0.96	+ 4.2	2.8/12.9	31807
1999 VA ₄₃	2002 06 13.2	17 25.52	-18 57.9	19.8	-1.02	+ 1.2	2.1/13.0	6961	2000 EE ₁₈₃	2002 06 13.6	17 27.27	-55 23.0	19.5	-1.32	- 1.0	8.7/14.2	17224
2001 BW ₂₇	2002 06 13.2	17 25.64	-14 39.2	18.9	-0.96	- 0.1	3.5/13.0	31936	1999 UG ₃₉	2002 06 13.6	17 27.29	-15 36.3	18.3	-0.98	+ 6.0	3.0/12.9	12185
1998 FL ₇₉	2002 06 13.3	17 25.56	-11 42.5	17.7	-0.96	- 0.8	5.4/12.9	31813	2001 CE ₄₅	2002 06 13.7	17 27.44	-13 41.7	18.0	-0.99	- 3.9	3.4/13.8	31939
1999 VM ₅	2002 06 13.3	17 25.65	-27 08.5	18.5	-1.11	+ 1.1	1.6/13.5	40388	1999 VP ₁₆₀	2002 06 13.7	17 27.51	-26 02.0	20.7	-1.04	+ 1.0	1.0/13.9	13624
1999 XG ₁₉	2002 06 13.3	17 25.70	-30 37.2	17.3	-1.16	- 3.4	3.8/13.3	10533	2000 AS ₁₄	2002 06 13.7	17 27.56	-25 52.0	18.6	-1.06	+ 0.6	1.0/13.9	31888
1999 RD ₈₉	2002 06 13.3	17 25.74	-05 19.4	18.4	-1.02	+ 3.1	8.9/11.6	641	1998 HG ₁₀₂	2002 06 13.7	17 27.58	-18 12.1	17.6	-0.92	+ 3.3	2.5/13.4	206
2001 FR	2002 06 13.3	17 25.77	-10 05.9	18.6	-0.80	- 1.9	4.1/13.1	31406	1993 FD ₁₄	2002 06 13.7	17 27.59	-05 33.7	19.7	-0.90	+ 0.4	6.1/13.0	12841
1999 RF ₉₇	2002 06 13.3	17 25.79	-25 00.4	19.7	-1.10	+ 0.4	0.7/13.4	17032	2000 DV ₁₀₂	2002 06 13.7	17 27.64	-03 59.8	19.0	-0.78	- 0.5	5.4/12.9	31901
1993 FQ ₁₅	2002 06 13.3	17 25.93	-11 51.7	19.1	-0.67	- 0.3	2.9/12.9	13537	1999 RQ ₉₂	2002 06 13.7	17 27.67	-38 37.4	17.8	-1.27	- 1.6	8.0/13.8	40362
2002 LN ₁₂	2002 06 13.3	17 25.94	-15 49.2	18.0	-0.92	- 4.7	3.6/13.5	31775	1998 FV ₃₇	2002 06 13.7	17 27.69	-13 50.5	18.7	-0.96	+ 0.2	4.7/13.4	16797
2001 AW ₂₂	2002 06 13.3	17 26.06	-26 46.9	21.0	-1.14	- 0.2	1.4/13.5	9591	2000 WG ₁₃₂	2002 06 13.8	17 27.69	-01 08.2	18.8	-1.14	- 7.3	8.6/15.1	31360
1999 RH ₂₄₆	2002 06 13.4	17 26.05	-17 28.0	18.6	-1.07	+ 0.2	2.5/13.2	3921	1998 VP ₂₉	2002 06 13.8	17 27.75	-23 07.9	19.2	-0.84	+ 2.0	0.0/13.8	31843
1999 TP ₁₁₂	2002 06 13.4	17 26.16	-16 31.2	17.5	-0.97	+ 3.7	3.6/12.8	31867	1998 TN ₃₂	2002 06 13.8	17 27.76	-12 40.2	18.9	-0.81	+ 2.7	3.2/13.0	16860
1999 XL ₂₃₀	2002 06 13.4	17 26.16	-39 53.4	19.2	-1.21	- 2.3	5.7/13.6	13640	1999 TW ₁₄₀	2002 06 13.8	17 27.77	-30 27.5	18.5	-1.00	+ 0.1	2.5/14.1	13613
1992 EW ₈	2002 06 13.4	17 26.17	-37 34.4	19.2	-1.09	+ 0.7	4.6/14.2	13535	1999 TS ₂₄₀	2002 06 13.8	17 27.77	-20 25.7	19.5	-1.00	- 2.0	1.0/13.8	11602
2001 BX ₆₉	2002 06 13.4	17 26.24	+00 54.8	19.8	-0.78	- 1.3	7.2/12.9	12281	1999 RX ₂₄₂	2002 06 13.8	17 27.77	-25 45.7	18.3	-1.15	- 3.4	1.2/13.8	11557
1999 VL ₂₆	2002 06 13.4	17 26.26	-23 56.8	19.1	-0.99	- 0.2	0.3/13.5	11634	1999 RU ₃₁	2002 06 13.8	17 27.82	-14 10.0	18.6	-0.98	+ 3.7	3.8/13.1	31857
1998 WC ₂₈	2002 06 13.4	17 26.26	-24 56.3	19.3	-0.90	+ 0.1	0.6/13.5	18182	1999 XH ₁₁₅	2002 06 13.8	17 27.82	-28 18.0	20.2	-0.91	+ 0.5	1.5/14.1	12213
1999 VY ₁₇₃	2002 06 13.4	17 26.27	-31 03.9	19.4	-1.14	+ 2.0	3.2/13.9	13005	1999 TZ ₁₉₇	2002 06 13.8	17 27.84	-46 32.8	18.9	-1.33	- 3.0	9.4/13.7	12176
2002 LW ₃₅	2002 06 13.4	17 26.27	-14 29.3	19.1	-0.82	- 2.2	2.7/13.3	31784	1999 TW ₂₆₅	2002 06 13.8	17 27.88	-19 26.5	17.9	-1.03	+ 6.8	1.5/13.4	10463
2001 DV ₄₆	2002 06 13.4	17 26.30	-19 33.5	21.1	-0.95	+ 1.4	1.2/13.3	14928	1999 RK ₃₁	2002 06 13.8	17 27.91	-31 23.1	19.3	-1.18	+ 0.2	3.4/14.1	11536
1999 RY ₁₉₇	2002 06 13.4	17 26.30	-23 10.5	17.4	-1.00	+ 6.4	0.0/13.5	31862	2001 FB ₁₇₀	2002 06 13.8	17 27.92	-23 17.0	18.5	-0.86	+ 3.2	0.0/13.9	31946
1999 XE ₂₅	2002 06 13.4	17 26.32	-19 00.5	18.3	-0.92	+ 0.6	1.6/13.3	12206	2001 DA ₆₀	2002 06 13.8	17 27.92	-20 11.6	19.2	-0.99	+ 1.0	1.2/13.7	29686
1999 RC ₂₁₁	2002 06 13.4	17 26.34	-38 33.4	18.3	-1.14	+ 1.3	5.1/14.3	13608	1999 XU ₃₆	2002 06 13.8	17 27.99	-27 41.3	17.4	-1.08	+ 5.8	1.7/14.3	11691
1993 TU ₉	2002 06 13.4	17 26.36	-24 52.5	19.7	-0.85	+ 1.4	0.5/13.6	12108	2001 AN ₄₁	2002 06 13.8	17 27.99	-40 26.1	18.0	-1.19	+ 5.2	7.0/15.7	12270
2000 AL ₁₀₇	2002 06 13.4	17 26.37	-09 13.8	18.5	-0.84	- 2.7	4.4/13.3	31891	1999 VH ₇₂	2002 06 13.8	17 28.02	-20 38.5	18.6	-0.88	+ 3.6	0.9/13.7	13622
1999 VP ₇₇	2002 06 13.4	17 26.37	-27 44.3	18.7	-1.14	+ 0.1	2.0/13.6	27651	2001 FG ₁₅₆	2002 06 13.8	17 28.03	-24 00.6	19.4	-0.84	+ 0.6	0.2/13.9	13363
2001 EL ₇	2002 06 13.4	17 26.46	-20 00.1	19.3	-0.83	- 0.6	1.0/13.4	13819	1999 TK ₂₃₀	2002 06 13.8	17 28.05	-08 31.9	19.6	-0.87	+ 2.3	4.8/12.8	31870

1999 XM ₂₆₀	2002 06 13.8	17 28.07 -27 44.1 18.8	-0.89 + 1.9	1.4/14.2	13640	1999 NF ₄₀	2002 06 14.1	17 29.32 -14 41.0 17.2	-1.06 - 4.1	4.3/14.3	31856
2001 FQ ₂₉	2002 06 13.8	17 28.07 -34 49.4 19.3	-0.97 - 2.1	3.6/14.0	13827	2001 FJ ₁₅₂	2002 06 14.1	17 29.32 -47 46.9 18.0	-1.35 - 2.5	9.8/14.0	14270
1999 RC ₄₅	2002 06 13.8	17 28.09 -10 09.4 20.0	-1.00 - 0.2	4.9/13.4	12931	1998 VE ₂₈	2002 06 14.1	17 29.33 -22 58.1 18.4	-0.95 + 3.5	0.1/14.2	14367
1999 RT ₁₁₀	2002 06 13.8	17 28.15 -41 00.3 16.8	-1.09 + 5.3	9.8/15.7	10382	1999 TC ₁₈₇	2002 06 14.2	17 29.31 -27 02.2 19.7	-1.00 + 3.5	1.3/14.5	13614
1999 WD ₄	2002 06 13.9	17 28.09 -33 04.8 18.0	-1.11 - 2.6	3.6/13.9	13016	1999 RZ ₃₄	2002 06 14.2	17 29.34 -53 10.8 17.1	-1.66 - 7.2	12.4/11.9	13605
2001 CP ₂₈	2002 06 13.9	17 28.10 -32 59.3 18.3	-1.19 - 0.7	3.9/14.2	12289	2001 CG ₃₉	2002 06 14.2	17 29.35 -46 52.8 18.3	-1.26 - 1.3	10.2/14.9	11850
1999 TR ₃₁	2002 06 13.9	17 28.12 -20 16.5 19.9	-1.04 + 1.5	1.1/13.7	<i>40382</i>	1998 HE ₂₉	2002 06 14.2	17 29.35 -36 38.9 18.2	-1.20 - 0.1	6.0/14.7	<i>35981</i>
2001 BN ₆₉	2002 06 13.9	17 28.15 -22 28.3 19.6	-1.04 - 0.4	0.3/13.9	12281	2001 BY ₃₀	2002 06 14.2	17 29.40 -30 52.9 20.4	-1.04 + 1.8	2.6/14.7	20836
2001 FB ₁₅₄	2002 06 13.9	17 28.17 +06 07.6 20.6	-0.75 + 0.6	8.5/12.6	13845	2000 YH ₁₂₅	2002 06 14.2	17 29.41 -40 35.2 19.7	-1.25 + 1.6	6.3/15.3	27186
2001 DZ ₈₉	2002 06 13.9	17 28.21 -13 41.0 18.1	-0.88 + 3.2	3.6/13.2	31941	1995 OQ ₆	2002 06 14.2	17 29.46 -16 08.0 19.7	-1.02 + 2.3	3.2/13.8	15010
1999 VY ₃₉	2002 06 13.9	17 28.24 -26 14.0 20.8	-1.10 - 0.4	1.2/14.0	10923	1998 VF ₂₅	2002 06 14.2	17 29.52 -26 00.2 18.7	-0.92 - 0.8	0.9/14.3	31843
1997 EU ₂₆	2002 06 13.9	17 28.28 -27 58.9 21.2	-1.02 + 0.4	1.8/14.2	16751	2000 AX ₁₅₅	2002 06 14.2	17 29.52 -29 13.1 18.3	-0.92 + 3.7	1.9/14.7	27658
1999 RA ₂₁₃	2002 06 13.9	17 28.32 -13 00.9 19.1	-0.90 + 3.1	3.4/13.2	13608	2000 YY ₁₀₉	2002 06 14.2	17 29.54 -21 11.8 18.0	-1.07 - 3.5	0.9/14.3	9546
1993 FL ₁₉	2002 06 13.9	17 28.34 -03 46.1 18.8	-0.86 - 0.3	8.5/13.2	23421	2000 YP ₁₂₀	2002 06 14.2	17 29.59 -16 28.7 18.4	-1.01 - 3.1	2.4/14.3	12266
2001 FY ₁₇₆	2002 06 13.9	17 28.35 -06 40.2 19.3	-0.79 - 1.6	4.8/13.6	31946	2000 WR ₁₂₀	2002 06 14.2	17 29.61 -30 21.7 19.0	-1.21 - 0.9	2.9/14.4	12255
1999 XO ₂₂₀	2002 06 13.9	17 28.35 -22 17.0 18.0	-1.02 - 3.2	0.3/14.0	13639	2001 DR ₆₆	2002 06 14.2	17 29.67 -22 57.0 19.0	-1.06 + 1.0	0.1/14.3	13815
1999 VE ₁₁₁	2002 06 13.9	17 28.37 -26 33.0 18.0	-1.09 - 0.7	1.6/14.0	31877	2001 FH ₁₃₆	2002 06 14.2	17 29.77 -30 28.7 19.0	-0.99 - 3.2	2.3/14.3	14425
1999 VQ ₅₉	2002 06 13.9	17 28.42 -33 28.7 19.1	-1.04 - 1.8	3.6/14.2	11644	2000 RB ₃₉	2002 06 14.3	17 29.73 -24 43.2 18.2	-1.14 - 1.8	0.6/14.3	12245
1999 TZ ₃₀₀	2002 06 13.9	17 28.49 -30 31.8 21.0	-1.13 + 1.5	2.7/14.4	6951	1999 VN ₁₈	2002 06 14.3	17 29.73 -23 42.8 18.3	-1.03 + 1.7	0.2/14.3	4535
1999 XU ₁₈₃	2002 06 13.9	17 28.51 -31 13.9 19.3	-0.88 + 1.6	2.1/14.5	14171	1999 VR ₂₀₃	2002 06 14.3	17 29.74 -25 48.9 19.0	-1.11 - 2.4	0.9/14.3	17089
2001 FM ₃₄	2002 06 14.0	17 28.47 -08 03.8 18.2	-0.81 + 1.4	5.7/13.0	31407	1978 VZ ₈	2002 06 14.3	17 29.78 -25 39.6 19.2	-1.01 - 0.4	0.8/14.4	12102
2001 CP ₂₇	2002 06 14.0	17 28.49 -22 21.7 18.8	-1.01 - 2.9	0.3/14.0	12288	1999 VR ₄	2002 06 14.3	17 29.79 -28 36.6 19.6	-1.05 - 2.6	1.8/14.3	13618
4048 T-3	2002 06 14.0	17 28.52 -16 45.4 19.6	-0.95 + 0.1	2.2/13.7	2597	2000 AM ₁₉₂	2002 06 14.3	17 29.82 -11 28.3 20.1	-0.89 + 2.1	3.8/13.5	19486
1322 T-2	2002 06 14.0	17 28.55 -19 18.1 19.2	-1.04 + 0.6	1.6/13.8	9935	2000 AH ₁₀₃	2002 06 14.3	17 29.82 -13 59.0 18.3	-0.84 + 2.0	3.0/13.7	31891
1999 VL ₅	2002 06 14.0	17 28.69 -13 59.9 19.4	-1.02 + 4.5	3.4/13.2	<i>38099</i>	1999 TQ ₉₁	2002 06 14.3	17 29.94 -31 46.9 18.0	-1.18 - 2.8	4.1/14.3	1481
1999 RY ₁₀	2002 06 14.0	17 28.69 -32 44.0 17.9	-1.20 + 1.6	3.7/14.5	13604	1999 RC ₁₉₃	2002 06 14.3	17 29.94 -32 25.9 18.1	-1.25 - 1.4	4.3/14.4	12157
1999 TC ₂₅₆	2002 06 14.0	17 28.71 -18 16.1 20.2	-1.07 + 2.3	1.9/13.7	2672	1999 TH ₄	2002 06 14.3	17 29.97 -40 52.4 18.1	-1.21 + 3.7	6.4/15.9	13609
1999 XQ ₂₂₉	2002 06 14.0	17 28.72 -33 48.2 21.0	-1.10 + 0.3	3.4/14.4	2705	2001 DY ₁₅	2002 06 14.3	17 30.06 -32 28.6 19.8	-1.12 - 0.5	3.3/14.6	11861
2000 WC ₂₅	2002 06 14.0	17 28.72 -18 37.9 18.3	-0.98 + 4.0	1.6/13.7	12253	1998 FF ₁₄₂	2002 06 14.3	17 30.13 -13 01.1 17.9	-0.95 + 2.1	5.0/13.8	31814
3045 T-2	2002 06 14.0	17 28.74 -07 12.1 18.0	-0.82 + 0.8	5.9/13.2	31789	1999 VW ₈₃	2002 06 14.3	17 30.13 -23 04.3 19.1	-0.97 + 1.3	0.1/14.4	12193
2001 DH ₉₅	2002 06 14.0	17 28.77 -01 14.0 19.0	-0.88 - 1.6	8.6/13.8	18313	2001 FS ₁₂	2002 06 14.3	17 30.17 -37 41.3 19.0	-1.00 - 0.9	4.5/14.8	13824
1999 FH ₈	2002 06 14.0	17 28.84 -63 21.0 18.0	-2.28 + 0.1	19.7/16.6	13590	1999 TC ₁₀₈	2002 06 14.3	17 30.21 -19 43.1 17.9	-1.01 + 4.9	1.7/14.1	9758
1999 VK ₁₁	2002 06 14.0	17 28.85 -22 35.8 18.2	-1.09 + 1.5	0.3/14.0	31874	1999 VJ ₃₆	2002 06 14.4	17 30.18 -16 50.5 20.3	-0.93 + 3.3	2.0/13.9	<i>40393</i>
1999 TN ₂₂₆	2002 06 14.0	17 28.86 -22 03.5 18.0	-0.95 + 2.6	0.6/14.0	25010	1986 RY	2002 06 14.4	17 30.23 -28 30.2 18.0	-1.07 + 5.3	2.8/14.9	9665
2000 YQ ₁₁₈	2002 06 14.0	17 28.90 -35 10.7 18.6	-1.21 + 1.7	5.3/14.8	19915	1999 TT ₁₈₀	2002 06 14.4	17 30.29 -20 34.6 18.0	-0.90 - 0.4	0.9/14.4	13614
2000 YW ₃₀	2002 06 14.0	17 28.96 -37 37.5 20.4	-1.15 + 3.2	5.3/15.3	30439	1999 VN ₉₃	2002 06 14.4	17 30.29 -18 20.2 21.6	-0.93 + 1.1	1.5/14.2	14150
1999 XG ₈₈	2002 06 14.1	17 28.93 -22 32.9 18.1	-0.91 + 1.0	0.2/14.1	16043	1998 XU ₂₈	2002 06 14.4	17 30.35 -24 38.8 19.7	-0.84 0.0	0.4/14.5	15608
2000 AY ₁₃₁	2002 06 14.1	17 28.93 -13 56.1 18.1	-0.87 - 4.1	3.1/14.2	23512	4300 T-1	2002 06 14.4	17 30.38 -19 15.9 18.7	-0.99 - 0.6	1.9/14.3	<i>32092</i>
2000 WJ ₅₅	2002 06 14.1	17 28.96 -24 50.3 18.2	-1.14 - 2.4	0.7/14.1	11001	1999 TA ₁₄₃	2002 06 14.4	17 30.42 -26 32.5 17.4	-1.03 + 3.8	1.7/14.7	31868
2001 CU ₂₈	2002 06 14.1	17 28.98 -17 09.4 17.4	-0.93 - 4.7	2.6/14.2	31396	1999 VY ₈₆	2002 06 14.4	17 30.42 -04 43.0 20.1	-0.89 0.0	6.1/13.7	11653
1999 VY ₅₄	2002 06 14.1	17 29.01 -21 20.2 18.0	-0.96 + 0.8	1.0/14.0	16042	1998 FE ₁₁₄	2002 06 14.4	17 30.42 -28 27.4 18.2	-1.16 + 2.6	2.0/14.8	13562
1999 PE	2002 06 14.1	17 29.04 -12 42.0 19.0	-1.05 - 0.6	4.5/13.8	31856	1995 SA ₁₂	2002 06 14.4	17 30.42 -22 19.2 19.3	-0.99 + 1.1	0.5/14.4	11472
1999 TU ₈₈	2002 06 14.1	17 29.06 -16 43.3 18.8	-1.06 - 0.1	2.6/13.9	12169	2001 FO ₆₂	2002 06 14.4	17 30.46 -27 25.7 17.5	-1.08 - 1.8	1.7/14.5	31943
1999 VY ₁₉	2002 06 14.1	17 29.11 -25 43.1 18.4	-1.10 - 1.2	1.2/14.2	9240	2001 HC ₂₃	2002 06 14.4	17 30.54 -39 42.6 20.0	-1.05 - 1.6	5.1/14.8	13438
1998 SH ₁₄₃	2002 06 14.1	17 29.15 -22 29.6 17.3	-0.86 - 1.4	0.3/14.1	31836	2000 BZ ₁₄	2002 06 14.4	17 30.59 -34 04.3 18.8	-0.85 - 0.8	2.9/14.8	13653
1998 SS ₁₂₃	2002 06 14.1	17 29.18 -11 14.4 18.0	-0.82 + 1.5	4.0/13.4	31835	2147 T-2	2002 06 14.4	17 30.59 -40 59.0 19.2	-1.08 - 0.6	6.2/15.0	18513
2002 LV ₁₂	2002 06 14.1	17 29.23 -15 34.9 17.2	-0.96 + 3.4	3.2/13.5	31776	1999 VY ₁₇₀	2002 06 14.4	17 30.60 -25 40.5 19.1	-0.95 + 2.3	0.9/14.6	17083
1999 TM ₉	2002 06 14.1	17 29.26 -36 11.9 19.4	-1.32 - 1.9	5.5/14.2	<i>40377</i>	2000 YF ₈	2002 06 14.4	17 30.61 -20 02.8 19.2	-1.08 0.0	1.3/14.4	13800
1999 TF ₉₃	2002 06 14.1	17 29.27 -27 23.9 18.7	-1.12 - 1.9	1.7/14.2	12169	1999 RD ₉₆	2002 06 14.4	17 30.64 -46 40.4 19.0	-1.40 - 1.9	9.7/14.6	<i>40363</i>
2001 DJ ₁₅	2002 06 14.1	17 29.28 -07 11.1 19.2	-0.90 - 2.8	6.0/14.1	17552	2000 YQ ₆₂	2002 06 14.5	17 30.54 -28 16.8 18.8	-1.10 + 3.0	2.0/14.8	15094
1999 XW ₁₀₇	2002 06 14.1	17 29.30 -25 58.8 20.3	-0.93 + 0.9	0.8/14.3	13058	2000 SY ₈	2002 06 14.5	17 30.55 +16 28.5 18.7	-1.16 - 4.0	18.1/14.5	31913

2000 AQ ₁₅₅	2002 06 14.5	17 30.57	-23 17.6	19.9	-0.98	+ 1.4	0.0/14.5	3495	1999 VV ₃₄	2002 06 14.8	17 31.79	-15 41.6	20.1	-0.93	+ 3.7	2.4/14.2	674
2001 FY ₁₀₈	2002 06 14.5	17 30.60	-34 00.2	18.8	-0.96	+ 0.4	3.6/14.9	12074	2001 DQ ₂₈	2002 06 14.8	17 31.80	-26 41.2	18.9	-0.90	- 0.2	1.2/15.0	20837
2000 YW ₃₃	2002 06 14.5	17 30.63	-18 46.5	18.5	-0.97	+ 2.1	1.7/14.3	11014	1994 SF ₁₁	2002 06 14.8	17 31.83	-43 54.7	19.0	-1.19	- 1.2	7.4/15.2	13541
2001 CB ₁₂	2002 06 14.5	17 30.64	-35 03.9	19.4	-1.22	+ 0.5	4.8/15.0	17544	2000 YR ₁₆	2002 06 14.8	17 31.83	-26 33.9	18.0	-1.30	+15.5	1.7/15.4	18307
1998 HB ₃₃	2002 06 14.5	17 30.65	-17 22.5	18.7	-0.99	+ 2.2	2.8/14.2	19332	1998 HR ₁₈	2002 06 14.8	17 31.84	-32 47.6	17.4	-0.97	+ 0.7	5.1/15.2	15030
1999 TQ ₂₆	2002 06 14.5	17 30.66	-24 49.6	18.1	-0.99	+ 0.9	0.6/14.6	12164	1999 WQ ₇	2002 06 14.8	17 31.93	-21 03.8	19.9	-0.82	+ 0.3	0.6/14.7	13626
1993 FA ₉	2002 06 14.5	17 30.67	-17 54.9	20.0	-0.97	- 0.3	1.8/14.4	13537	1999 RP ₁₀₆	2002 06 14.8	17 31.95	-30 55.1	19.2	-1.17	+ 3.3	3.5/15.0	18211
1999 TP ₂₂₁	2002 06 14.5	17 30.75	-10 35.8	18.8	-1.01	- 0.1	5.9/14.0	31288	1999 TW ₁₀₃	2002 06 14.8	17 31.98	-31 35.1	19.2	-1.17	+ 1.0	3.6/15.0	12951
1999 VO ₁₁₉	2002 06 14.5	17 30.77	-28 25.8	19.3	-1.04	+ 0.9	2.2/14.8	11661	2001 DF ₁₁	2002 06 14.8	17 32.01	-25 15.7	20.3	-1.07	+ 0.3	0.7/14.9	14265
2000 EB ₁₇₀	2002 06 14.5	17 30.83	-36 41.1	19.4	-0.93	- 0.4	3.3/15.0	25773	1999 RO ₁₈₃	2002 06 14.8	17 32.03	-34 43.9	19.4	-1.19	0.0	4.6/15.0	297
1998 FC ₁₁₄	2002 06 14.5	17 30.86	-18 21.1	18.8	-1.07	+ 3.1	2.0/14.2	10849	1999 XR ₁₃₉	2002 06 14.8	17 32.10	-23 40.0	19.7	-1.14	- 0.3	10.0/26.0	37952
1999 PF	2002 06 14.5	17 30.88	-13 00.9	18.9	-1.09	- 0.9	4.7/14.3	31856	1999 TF ₁₃₄	2002 06 14.8	17 32.13	-22 59.5	20.0	-0.96	+ 1.1	7.4/26.0	11586
1999 XB ₇₈	2002 06 14.5	17 30.89	-22 35.1	18.9	-0.97	+ 1.7	0.2/14.5	40413	1999 VM ₁₁₂	2002 06 14.8	17 32.16	-23 49.3	18.7	-1.02	+ 1.1	8.7/26.0	12195
2001 FZ ₁₀₀	2002 06 14.5	17 30.90	-22 37.1	19.1	-0.89	+ 3.5	0.2/14.5	12333	1998 VD ₁₉	2002 06 14.9	17 32.25	-31 30.8	19.2	-0.96	- 1.7	2.7/15.0	31842
1999 XT ₁₈₁	2002 06 14.5	17 30.90	-30 59.4	20.2	-0.97	+ 1.4	2.2/15.0	40424	1999 TS ₁₉	2002 06 14.9	17 32.28	-09 40.5	18.8	-1.07	- 5.1	4.6/15.0	31865
1997 HW ₇	2002 06 14.5	17 30.92	-21 45.1	18.1	-0.96	+ 1.5	0.6/14.5	12118	1999 UY ₄₃	2002 06 14.9	17 32.35	-28 35.9	20.3	-1.11	+ 1.3	2.1/15.0	10920
1998 QN ₄₁	2002 06 14.5	17 30.97	-25 35.3	18.5	-0.93	+ 0.8	0.8/14.7	13571	2000 CY ₅₇	2002 06 14.9	17 32.35	-35 31.7	18.1	-0.91	+ 0.7	3.2/15.4	25770
2000 YG ₁₆	2002 06 14.5	17 30.97	-19 36.4	18.7	-1.03	+ 0.5	1.4/14.4	11013	1999 RC ₈₁	2002 06 14.9	17 32.36	-37 01.8	19.0	-1.19	- 0.2	5.2/15.4	10891
2001 DE ₂₀	2002 06 14.5	17 31.00	-21 28.9	20.0	-0.95	- 1.1	0.6/14.6	11866	2001 BF ₃₄	2002 06 14.9	17 32.36	-31 51.3	19.0	-1.02	+ 1.7	3.0/15.4	12276
1999 XC ₁₂₂	2002 06 14.5	17 31.04	-35 31.3	19.0	-1.10	+ 2.1	4.4/15.3	13061	1999 RZ ₅₂	2002 06 14.9	17 32.38	-31 17.6	18.8	-1.21	+ 1.2	3.8/15.0	10371
1999 TL ₁₂₃	2002 06 14.5	17 31.05	-11 46.4	18.1	-1.01	+ 0.5	4.8/14.1	31868	2001 BM ₆₂	2002 06 14.9	17 32.44	-09 45.0	19.2	-0.87	- 0.6	4.5/14.6	13808
1993 TJ ₂₂	2002 06 14.6	17 30.96	-33 11.8	18.4	-1.00	- 2.7	4.2/14.6	30245	2001 BP ₇₃	2002 06 14.9	17 32.48	-10 10.8	19.3	-0.97	+ 2.9	4.8/14.1	10733
5727 T-3	2002 06 14.6	17 30.97	-30 11.8	17.7	-1.11	- 4.8	2.7/14.5	13878	1999 RZ ₁₃₆	2002 06 14.9	17 32.49	-10 33.1	19.0	-1.03	+ 1.1	5.8/14.3	31860
1997 CH ₂₂	2002 06 14.6	17 30.98	-27 56.7	20.5	-1.04	+ 1.2	1.7/15.0	13550	1999 XO ₁₇₁	2002 06 14.9	17 32.51	-29 49.4	19.3	-1.03	+ 0.7	2.2/15.0	12217
1999 RM ₃₂	2002 06 14.6	17 30.98	-34 59.6	19.2	-1.21	+ 0.3	4.8/15.0	10365	2001 FH ₆₆	2002 06 14.9	17 32.54	+07 20.7	19.6	-0.73	+ 0.4	8.4/13.8	13834
1999 UV ₄₉	2002 06 14.6	17 31.07	-23 09.2	19.8	-0.96	- 1.0	0.0/14.6	12971	1999 XJ ₃₃	2002 06 14.9	17 32.58	-23 11.5	20.5	-0.81	+ 0.9	5.4/26.0	13629
2000 BT ₆	2002 06 14.6	17 31.16	-44 01.7	18.6	-1.14	- 3.7	6.3/14.4	15665	2803 P-L	2002 06 14.9	17 32.60	-18 27.6	19.4	-1.05	+ 1.0	1.9/14.8	12089
2000 DC ₅₀	2002 06 14.6	17 31.26	-22 06.3	19.0	-0.86	+ 0.2	0.4/14.6	25771	2000 YN ₁₂₇	2002 06 14.9	17 32.64	-36 31.6	19.8	-1.14	+ 3.5	4.5/16.1	12267
1999 WQ ₆	2002 06 14.6	17 31.28	-24 05.6	18.2	-1.04	- 2.9	0.3/14.7	38125	2001 BU ₂₁	2002 06 14.9	17 32.67	-11 47.6	18.8	-1.18	- 7.4	4.4/15.6	11032
2000 SG ₄₄	2002 06 14.6	17 31.32	-58 19.4	19.7	-2.15	- 3.3	16.4/14.4	9358	1999 TF ₂₈₆	2002 06 14.9	17 32.70	-23 58.4	19.2	-1.04	+ 2.9	9.1/26.0	23509
1999 XO ₁₅₇	2002 06 14.6	17 31.32	-18 08.2	19.0	-0.81	+ 1.2	1.6/14.4	12216	2000 AE ₉₉	2002 06 15.0	17 32.64	-17 45.2	19.6	-0.92	+ 0.5	1.8/14.8	14388
2001 DP	2002 06 14.6	17 31.37	-23 22.5	18.6	-0.88	+ 0.9	0.0/14.7	31939	2000 UZ ₅	2002 06 15.0	17 32.66	-47 15.8	18.8	-1.85	- 9.2	10.9/13.1	8514
1996 VW ₉	2002 06 14.6	17 31.38	-11 05.0	18.5	-0.97	- 0.9	6.5/14.3	36343	1999 TB ₁₂₈	2002 06 15.0	17 32.66	-11 43.6	18.8	-0.90	+ 2.1	3.9/14.4	13613
1999 VF ₂₅	2002 06 14.6	17 31.40	-19 06.3	17.5	-1.00	+ 5.0	1.6/14.3	1522	2001 DR ₈₇	2002 06 15.0	17 32.71	-29 12.4	19.8	-1.14	+ 0.5	2.3/15.2	13262
2001 FJ ₁₇₆	2002 06 14.6	17 31.45	-26 13.3	18.1	-0.88	- 2.3	1.0/14.7	13385	2000 YH ₁₀₅	2002 06 15.0	17 32.74	-35 08.5	20.0	-1.03	+ 0.2	3.4/15.5	13802
1999 RJ ₂₅₀	2002 06 14.6	17 31.45	-12 16.2	18.7	-0.91	+ 1.8	5.8/14.0	31271	2000 AC ₁₉	2002 06 15.0	17 32.83	-25 34.0	18.0	-0.88	+ 3.1	0.8/15.2	31888
1998 SE ₈₇	2002 06 14.7	17 31.42	-20 03.4	18.9	-0.97	+ 2.8	1.2/14.5	4919	1999 TQ ₁₂₅	2002 06 15.0	17 32.89	-16 22.1	17.3	-0.83	+ 5.6	3.9/14.3	31868
1996 HH ₂₁	2002 06 14.7	17 31.43	-21 51.4	17.6	-0.85	- 0.3	0.5/14.7	12113	1981 ED ₃₀	2002 06 15.0	17 32.91	-23 37.1	19.4	-0.77	+ 2.4	0.1/15.1	12102
2000 YU ₁₁₅	2002 06 14.7	17 31.52	-21 53.1	19.2	-1.14	- 1.1	0.6/14.7	11020	1999 XZ ₂₄₁	2002 06 15.0	17 32.91	-28 25.5	19.6	-0.98	+ 2.5	1.7/15.4	19470
1998 SP ₅₃	2002 06 14.7	17 31.55	-28 20.8	18.0	-0.97	+ 1.6	1.8/15.0	13578	2000 AZ ₅₃	2002 06 15.0	17 33.04	-31 31.8	18.1	-0.94	+ 2.3	2.7/15.6	12225
2000 YY ₆	2002 06 14.7	17 31.56	-28 33.3	20.2	-1.07	+ 0.7	1.9/15.0	11012	1999 VQ ₂₂₃	2002 06 15.0	17 33.07	-20 05.0	18.4	-0.90	- 3.2	1.1/15.1	17092
1998 SA ₁₂₆	2002 06 14.7	17 31.59	-20 51.5	18.6	-0.87	- 0.6	0.8/14.7	31835	1995 VA	2002 06 15.0	17 33.07	-09 24.2	19.1	-0.94	+ 4.7	5.1/13.8	31806
1999 VZ ₆₂	2002 06 14.7	17 31.60	-26 54.0	20.9	-1.01	- 0.2	1.2/14.9	1525	2001 DD ₄₅	2002 06 15.1	17 33.04	-19 00.0	19.8	-1.03	+ 0.2	1.5/15.0	12299
1999 TC ₃₇	2002 06 14.7	17 31.60	-35 00.4	17.8	-1.14	- 4.1	4.6/14.6	13611	1999 TR ₃₉	2002 06 15.1	17 33.05	-24 33.4	20.2	-1.05	- 1.9	0.4/15.1	1476
1999 XP ₆₈	2002 06 14.7	17 31.62	-19 05.7	20.1	-0.82	+ 2.7	1.2/14.5	11700	2002 JO ₉₇	2002 06 15.1	17 33.10	+17 57.7	17.6	-1.11	- 9.0	20.5/19.8	32029
1998 SQ ₃₇	2002 06 14.7	17 31.65	-26 46.3	18.5	-0.92	+ 0.6	1.2/14.9	31830	2000 XD ₄₅	2002 06 15.1	17 33.12	-52 43.3	18.4	-1.99	-13.5	15.0/10.8	8335
1998 OJ ₁₅	2002 06 14.7	17 31.69	-17 03.5	18.3	-0.97	- 0.2	2.6/14.5	16834	1999 XS ₁₈₉	2002 06 15.1	17 33.13	-31 41.7	19.2	-1.03	- 0.3	3.1/15.3	19468
1998 HP ₇	2002 06 14.7	17 31.70	-33 25.9	19.4	-1.40	- 6.2	4.0/15.0	9073	1997 GZ ₃₂	2002 06 15.1	17 33.14	-24 30.1	18.1	-0.93	+ 1.3	0.5/15.2	9690
1999 XS ₂₃	2002 06 14.7	17 31.76	-23 21.9	18.8	-0.97	- 0.8	8.0/26.0	12206	2001 DJ ₇₃	2002 06 15.1	17 33.19	-25 50.7	18.9	-0.96	+ 0.6	1.0/15.2	17562
2000 AU ₄₈	2002 06 14.7	17 31.82	-24 46.4	18.9	-1.11	- 3.2	0.6/14.8	13101	1999 XO ₂₁₄	2002 06 15.1	17 33.20	-27 41.0	18.6	-1.06	+ 1.2	1.7/15.3	13079
1999 WS ₁₄	2002 06 14.7	17 31.82	-20 27.1	19.2	-1.00	+ 2.5	1.4/14.6	15052	2000 UQ ₂₉	2002 06 15.1	17 33.20	-00 18.7	20.2	-1.04	+ 5.3	8.2/13.1	9847

2000 AW ₃₄	2002 06 15.1	17 33.22	-26 02.6	18.1	-0.87	-	0.3	0.9/15.2	31889	1999 XV ₉₂	2002 06 15.4	17 34.51	-20 22.8	18.9	-1.01	+	0.7	1.1/15.3	13052
1999 TU ₄₄	2002 06 15.1	17 33.24	-21 22.7	19.3	-1.09	+	1.7	0.8/15.0	14375	2000 CT ₁₀₈	2002 06 15.4	17 34.51	-24 53.0	19.0	-0.87	+	3.7	0.4/15.6	31899
1998 YH ₂₀	2002 06 15.1	17 33.31	-26 26.6	21.7	-0.66	+	0.6	0.7/15.3	33727	2001 AT ₁₆	2002 06 15.4	17 34.61	-32 06.2	18.7	-1.18	+	3.8	3.3/16.1	12268
1998 WK ₁₅	2002 06 15.1	17 33.36	-18 58.8	19.9	-0.82	+	0.2	1.2/15.0	31846	1997 EY ₁₆	2002 06 15.4	17 34.61	-18 22.0	19.7	-0.99	+	2.3	1.8/15.2	1916
1999 TG ₂₈₄	2002 06 15.1	17 33.37	-10 32.4	19.6	-0.87	+	0.7	4.2/14.6	14792	1996 VB ₁₈	2002 06 15.4	17 34.68	-18 39.4	18.7	-0.96	+	1.3	2.4/15.3	9050
1999 XV ₁₃₉	2002 06 15.1	17 33.38	-16 27.2	19.0	-0.86	-	2.1	2.2/15.1	30342	2001 BB ₈	2002 06 15.4	17 34.69	-51 56.4	17.6	-1.24	+	7.6	11.8/20.3	12272
1999 RG ₁₂₃	2002 06 15.1	17 33.39	-19 54.1	18.5	-1.05	+	3.2	1.3/14.9	12154	1999 XY ₈₈	2002 06 15.4	17 34.69	-19 09.3	18.2	-0.87	-	2.4	1.4/15.5	30340
1998 HR ₁₄₄	2002 06 15.1	17 33.47	-17 08.6	18.0	-1.03	+	2.1	2.5/14.8	31816	1999 TJ ₂₅	2002 06 15.4	17 34.73	-14 23.1	17.8	-1.01	+	2.9	3.9/14.9	9755
1999 TD ₁₇₈	2002 06 15.1	17 33.49	-05 18.7	17.6	-0.88	+	4.6	7.2/13.5	31285	1997 MT ₄	2002 06 15.4	17 34.74	-16 26.0	17.7	-0.91	-	5.2	2.6/15.7	10841
1990 ES ₂	2002 06 15.1	17 33.54	-27 23.2	19.2	-1.10	+	2.6	1.6/15.5	10825	2001 CD ₂₇	2002 06 15.4	17 34.78	-38 24.3	18.2	-1.14	+	5.1	6.2/17.0	12288
1998 RS ₄₈	2002 06 15.2	17 33.51	-21 59.7	19.4	-0.86	+	0.9	0.4/15.2	12135	1990 RB ₇	2002 06 15.5	17 34.77	-15 40.6	18.7	-0.97	+	0.1	3.0/15.2	12104
2000 AN ₁₉₆	2002 06 15.2	17 33.55	-10 10.0	19.3	-0.88	+	0.8	4.1/14.6	39581	2000 AL ₂₇	2002 06 15.5	17 34.81	-39 41.2	18.3	-1.03	+	4.7	5.0/17.0	13095
1998 KD ₅₈	2002 06 15.2	17 33.56	-06 27.6	19.4	-0.93	+	4.2	6.1/13.7	12127	1998 OT ₁₀	2002 06 15.5	17 34.83	-26 42.7	18.5	-0.96	+	1.3	1.2/15.7	13568
2000 DA ₂₅	2002 06 15.2	17 33.56	-32 16.5	18.9	-0.89	+	1.1	2.6/15.6	6268	1999 VW ₁₃₉	2002 06 15.5	17 34.84	-23 55.7	17.1	-0.93	+	2.1	0.3/15.6	336
2001 BV	2002 06 15.2	17 33.58	-35 33.4	18.7	-1.21	+	0.5	4.9/15.7	13805	2001 FT ₁₀₆	2002 06 15.5	17 34.87	-26 15.4	20.2	-0.96	+	0.4	1.0/15.6	13840
1999 TB ₁	2002 06 15.2	17 33.63	-16 56.3	18.7	-1.06	+	2.0	2.5/14.9	12161	2001 CL ₂₃	2002 06 15.5	17 34.89	-38 05.8	17.5	-1.08	+	4.7	6.6/16.9	31395
1999 VX ₂₁₂	2002 06 15.2	17 33.64	-19 42.8	20.2	-0.96	-	0.6	1.3/15.2	7514	2000 CS ₁₀	2002 06 15.5	17 34.99	-31 43.4	19.8	-1.04	+	3.3	2.8/16.1	17151
2000 AE ₇₀	2002 06 15.2	17 33.65	-18 58.8	18.6	-0.87	+	2.0	1.3/15.0	14182	1989 WD ₄	2002 06 15.5	17 35.01	-21 57.6	18.4	-0.98	-	2.2	0.5/15.6	9667
2000 AH ₁₅	2002 06 15.2	17 33.68	-26 35.3	18.3	-0.97	+	1.8	1.2/15.4	13642	1994 TW ₂	2002 06 15.5	17 35.03	-44 39.0	18.3	-1.31	-	2.4	8.8/15.1	12846
2000 BA ₆	2002 06 15.2	17 33.69	-50 06.4	18.4	-1.38	-	1.9	10.4/14.8	31895	1999 RC ₁₃₉	2002 06 15.5	17 35.03	-15 09.8	18.7	-1.07	+	1.6	3.4/15.1	11547
1999 VW ₉₉	2002 06 15.2	17 33.69	-26 45.7	19.6	-1.04	-	1.1	1.3/15.3	39321	1999 VU ₅₂	2002 06 15.5	17 35.05	-17 50.9	20.6	-0.91	+	2.2	1.6/15.3	40395
2001 FA ₁₄₀	2002 06 15.2	17 33.70	-43 44.3	18.7	-1.05	+	1.1	6.3/16.2	19929	2001 BT ₇	2002 06 15.5	17 35.07	-25 43.2	18.7	-1.12	-	0.9	1.0/15.6	11030
1999 VZ ₁₈₆	2002 06 15.2	17 33.76	-25 26.4	16.1	-0.92	-	6.8	1.2/15.1	31879	1999 RU ₈₉	2002 06 15.5	17 35.08	-12 57.1	19.0	-1.03	-	0.2	4.2/15.3	11543
1999 XA ₁₄₅	2002 06 15.2	17 33.81	-19 30.9	17.9	-0.87	+	2.8	1.9/15.0	31885	2000 YG ₆₈	2002 06 15.5	17 35.10	-18 01.5	19.2	-0.94	0.0		1.7/15.4	17514
1999 TE ₁₆	2002 06 15.2	17 33.83	-40 12.0	19.7	-1.12	-	0.5	5.1/15.7	13610	2000 AC ₃₇	2002 06 15.5	17 35.10	-33 25.9	17.6	-0.95	+	2.4	3.5/16.2	15055
2001 FG ₁₁₄	2002 06 15.2	17 33.84	-35 32.5	19.3	-1.08	-	1.2	4.5/15.4	13337	2000 AB ₆₂	2002 06 15.5	17 35.15	-22 15.6	20.1	-0.85	+	0.1	0.3/15.6	31889
2001 DU ₁₈	2002 06 15.2	17 33.86	-12 48.2	17.1	-0.92	-	3.3	4.4/15.3	31400	2617 P-L	2002 06 15.6	17 35.11	-20 03.3	20.1	-1.09	+	0.5	1.3/15.5	36050
2001 DU ₂₁	2002 06 15.2	17 33.94	-07 14.6	17.6	-0.94	-	2.9	5.9/15.3	31939	1999 XS ₂₀₈	2002 06 15.6	17 35.11	-33 39.5	19.5	-1.13	+	2.6	3.4/16.2	40425
1999 YA ₆	2002 06 15.2	17 33.95	-55 02.2	19.9	-1.48	+	2.7	9.2/17.3	40426	1999 TL ₁₁₀	2002 06 15.6	17 35.16	-16 21.8	19.2	-1.02	+	2.2	2.9/15.2	15050
1995 QV ₃	2002 06 15.2	17 33.97	-42 02.8	17.9	-1.63	-	10.5	7.6/13.4	9679	2001 BO ₆₃	2002 06 15.6	17 35.22	-12 58.2	20.6	-0.93	0.0		3.5/15.3	13808
1998 QJ ₈₅	2002 06 15.3	17 33.90	-30 51.6	17.6	-0.98	+	4.7	2.5/16.0	12133	2000 AL ₂₁	2002 06 15.6	17 35.25	-21 12.1	18.0	-0.90	-	3.2	0.7/15.6	13094
1999 XL ₁₀₆	2002 06 15.3	17 33.92	-13 49.2	18.4	-0.96	+	5.0	3.5/14.4	13634	1999 RH ₁₈₀	2002 06 15.6	17 35.26	-20 10.0	18.3	-1.08	-	2.0	1.2/15.6	12157
1999 XP ₅₀	2002 06 15.3	17 33.95	-23 11.2	17.3	-1.08	-	3.6	0.1/15.3	40411	2001 FT ₁₄₄	2002 06 15.6	17 35.29	+12 28.3	19.6	-0.76	-	1.5	9.6/15.2	30454
1999 RR ₃₄	2002 06 15.3	17 34.00	-17 03.5	20.0	-1.08	+	1.0	2.5/15.0	14374	1999 UV ₂₅	2002 06 15.6	17 35.30	-29 04.6	17.9	-1.05	-	0.5	2.9/15.8	31872
3515 P-L	2002 06 15.3	17 34.01	-27 09.6	19.3	-0.87	+	2.3	1.1/15.6	27866	1998 WB	2002 06 15.6	17 35.42	-00 40.3	19.4	-0.80	-	3.0	6.7/15.7	31844
2001 FW ₁₆₃	2002 06 15.3	17 34.01	-00 19.4	20.0	-0.88	+	0.6	8.1/14.2	31945	2000 CN ₂₂	2002 06 15.6	17 35.45	-32 18.4	18.7	-0.96	+	2.3	2.9/16.2	31896
1998 QN ₁₂	2002 06 15.3	17 34.08	-16 17.2	18.5	-0.96	+	1.6	2.7/15.0	31819	2000 AU ₇₀	2002 06 15.6	17 35.53	-16 36.1	19.2	-0.92	+	1.2	2.4/15.4	12226
2001 BM ₅₉	2002 06 15.3	17 34.09	-21 28.0	16.9	-1.02	+	5.3	0.7/15.2	13807	2000 AM ₇₇	2002 06 15.6	17 35.55	-16 13.7	18.9	-0.98	-	0.5	2.4/15.5	11750
2001 CS ₃₉	2002 06 15.3	17 34.10	-42 40.6	19.2	-1.21	-	0.2	7.5/16.1	17548	1998 FW ₂₄	2002 06 15.6	17 35.57	-14 32.5	20.4	-1.06	+	1.2	3.8/15.4	16795
2001 FD ₁₇₆	2002 06 15.3	17 34.12	-16 46.5	18.8	-0.88	-	2.4	2.3/15.3	31946	2121 T-2	2002 06 15.7	17 35.57	-14 33.8	18.9	-1.10	+	1.9	4.1/15.2	36581
1998 QR ₁₇	2002 06 15.3	17 34.15	-27 36.9	17.2	-0.97	+	1.8	1.6/15.6	31819	2001 DD ₁₉	2002 06 15.7	17 35.65	-18 54.9	19.7	-0.90	-	1.4	1.3/15.7	12295
1999 XX ₁₉₂	2002 06 15.3	17 34.23	-36 33.1	19.0	-0.97	+	1.6	4.0/16.1	31886	1999 VB ₂₃	2002 06 15.7	17 35.71	-17 04.6	18.9	-0.95	+	4.0	2.5/15.3	12188
2000 AY ₈₈	2002 06 15.3	17 34.25	-28 15.1	18.1	-0.91	+	2.6	1.6/15.7	19478	2000 WB ₅₆	2002 06 15.7	17 35.72	-25 58.7	18.3	-1.08	-	1.4	1.0/15.8	12254
1999 RH ₁₂₆	2002 06 15.3	17 34.29	-29 36.3	18.7	-1.20	+	2.5	2.7/15.7	17034	2001 CG ₂₀	2002 06 15.7	17 35.75	-37 58.1	17.8	-1.07	-	0.9	5.8/16.0	12287
2124 P-L	2002 06 15.3	17 34.38	-40 24.4	18.4	-1.04	+	0.2	6.0/15.9	13513	1999 TJ ₂₆₃	2002 06 15.7	17 35.76	-18 17.6	18.2	-0.94	+	1.7	2.2/15.5	19461
1998 SQ ₅₇	2002 06 15.4	17 34.30	-23 14.0	19.0	-0.84	-	0.1	0.0/15.4	31831	1998 RN ₇₇	2002 06 15.7	17 35.80	+10 49.3	18.3	-0.74	+	0.5	9.8/14.4	31828
2001 DX ₅	2002 06 15.4	17 34.31	-37 35.9	18.6	-1.01	-	1.5	5.2/15.7	11855	1999 VM ₃₀	2002 06 15.7	17 35.92	-25 18.0	18.6	-1.12	+	0.4	0.9/15.8	11636
1998 QY ₆₄	2002 06 15.4	17 34.34	-19 06.7	18.6	-0.94	+	3.2	1.3/15.1	3248	1999 VY ₁	2002 06 15.7	17 35.92	-27 57.0	19.2	-1.05	-	0.5	1.8/15.9	12186
1999 VD ₂₅	2002 06 15.4	17 34.41	-27 21.6	16.0	-1.11	-	6.8	1.7/15.2	31874	1999 UY ₂₉	2002 06 15.7	17 35.94	-24 06.5	20.2	-1.00	0.0		0.3/15.8	14376
1999 TT ₂₁₁	2002 06 15.4	17 34.43	-20 47.1	18.2	-1.00	-	1.1	1.0/15.4	12176	1999 VF ₄₉	2002 06 15.7	17 35.95	-13 20.2	18.7	-0.92	+	4.4	3.5/15.0	13621
1998 FX ₅₈	2002 06 15.4	17 34.45	-11 49.3	18.4	-1.03	+	0.7	4.8/15.0	31812	1999 VL ₆₃	2002 06 15.7	17 36.01	-14 34.0	19.5	-0.91	+	2.5	2.8/15.3	40397

1999 UD ₄	2002 06 15.7	17 36.04	-31 31.5	18.2	-1.17	-	2.1	3.5/15.8	12181	2001 FV ₁₉₀	2002 06 16.0	17 37.19	-16 39.8	19.4	-0.93	-	1.8	2.4/16.0	17597
2001 CJ ₃₄	2002 06 15.8	17 35.95	-32 16.6	18.3	-1.11	-	3.5	3.2/15.7	13250	1999 XC ₅	2002 06 16.0	17 37.19	-25 33.6	20.1	-0.97	-	1.9	0.7/16.1	2193
1999 WS ₁₆	2002 06 15.8	17 35.96	-31 50.9	20.2	-1.03	-	0.3	2.7/16.0	12203	1998 FT ₁₀₁	2002 06 16.0	17 37.25	-26 26.5	17.6	-1.11	+	2.3	1.4/16.3	9701
1999 XO ₄₀	2002 06 15.8	17 36.02	-27 41.9	18.7	-1.13	-	0.7	1.8/15.9	40410	2000 AJ ₈₃	2002 06 16.1	17 37.21	-16 13.4	19.2	-0.99	-	1.1	2.7/16.0	17133
2001 BS ₅₉	2002 06 15.8	17 36.07	-27 33.3	19.4	-1.01	+	2.1	1.5/16.1	12279	1996 AT ₁₂	2002 06 16.1	17 37.21	-05 31.2	19.2	-0.90	0.0		6.3/15.4	10834
2001 EH ₂₇	2002 06 15.8	17 36.10	-23 49.9	18.6	-0.87	+	0.4	0.2/15.9	27766	2000 BK ₂₈	2002 06 16.1	17 37.23	-18 31.6	19.7	-0.93	-	0.4	1.4/16.0	2731
1999 VT ₁₁₄	2002 06 15.8	17 36.11	-21 16.3	16.9	-1.04	+	7.3	1.0/15.6	31877	1999 XR ₄₇	2002 06 16.1	17 37.27	-31 15.8	20.1	-1.07	-	2.8	2.5/16.1	40411
1999 TG ₁₃₀	2002 06 15.8	17 36.15	-31 57.4	19.9	-1.05	+	0.7	2.9/16.2	22119	1999 XR ₆₇	2002 06 16.1	17 37.32	-20 01.9	19.7	-0.83	0.0		1.0/16.0	11700
1999 YM ₁₃	2002 06 15.8	17 36.16	+04 22.8	18.3	-1.02	-	3.6	10.3/15.7	31888	2001 FR ₁₂₉	2002 06 16.1	17 37.33	-10 39.2	18.4	-0.80	+	1.4	4.1/15.5	31945
1998 RB ₇₈	2002 06 15.8	17 36.16	-48 42.7	19.9	-1.25	-	1.8	8.6/15.7	31828	1994 XV ₂	2002 06 16.1	17 37.34	-19 12.8	20.5	-0.89	-	0.1	1.4/16.0	12847
1999 TE ₃₀₃	2002 06 15.8	17 36.20	-24 56.1	17.8	-0.95	-	0.6	0.9/15.9	10917	1996 EN ₁₄	2002 06 16.1	17 37.38	-19 53.3	20.6	-0.89	+	0.2	1.2/16.0	14746
2002 JS ₁₃	2002 06 15.8	17 36.21	+19 06.4	18.3	-1.13	-	9.3	21.1/21.3	31627	1998 SY ₂₂	2002 06 16.1	17 37.39	-10 01.1	18.6	-0.83	+	2.5	4.7/15.3	13577
2001 CH ₄	2002 06 15.8	17 36.22	-01 11.4	19.6	-0.91	-	3.1	7.7/16.1	12284	1998 HR ₄	2002 06 16.1	17 37.39	-25 48.7	18.3	-1.03	-	0.2	1.2/16.2	9704
1999 RO ₁₀₅	2002 06 15.8	17 36.22	-21 53.9	17.1	-1.01	+	3.9	0.7/15.7	13606	1999 VO ₄₅	2002 06 16.1	17 37.44	-31 13.6	18.2	-1.07	+	0.2	3.6/16.4	15051
2001 CU ₃₃	2002 06 15.8	17 36.29	-46 28.0	18.1	-1.27	-	2.0	9.5/16.0	13250	1999 XU ₁₅₅	2002 06 16.1	17 37.45	-18 37.9	18.7	-0.84	+	0.1	1.5/16.0	31885
2001 DV ₉₂	2002 06 15.8	17 36.37	-28 07.5	20.8	-1.14	+	0.1	1.7/16.0	13263	2001 DF ₂₁	2002 06 16.1	17 37.49	-22 18.6	18.2	-0.89	-	2.5	0.4/16.2	11867
2001 FL ₁₀₂	2002 06 15.8	17 36.41	-28 26.0	18.9	-0.90	+	2.6	1.8/16.2	12070	2001 DB ₂₈	2002 06 16.1	17 37.50	-16 13.9	19.8	-0.93	-	0.6	2.5/16.0	17553
1996 XC ₂₆	2002 06 15.8	17 36.41	-24 09.8	20.3	-1.07	+	0.9	0.3/15.9	12114	1999 XW ₁₀₁	2002 06 16.1	17 37.50	-25 37.9	19.0	-0.98	-	0.6	0.7/16.2	40415
2000 WN ₅₄	2002 06 15.8	17 36.42	-25 04.7	18.6	-1.09	-	0.9	0.7/15.9	12253	1999 TA ₂₅₃	2002 06 16.1	17 37.58	-20 44.2	18.6	-1.04	-	1.0	1.0/16.1	11605
2000 YZ ₇₃	2002 06 15.9	17 36.36	-18 51.5	20.0	-1.01	-	1.3	1.6/15.9	18308	2001 DK ₂₃	2002 06 16.1	17 37.62	-53 34.8	19.4	-1.36	+	5.9	10.2/20.1	12295
1992 PK ₁	2002 06 15.9	17 36.37	-32 15.4	18.1	-1.21	+	2.4	3.8/16.3	13536	2001 BX ₃₅	2002 06 16.1	17 37.63	-35 06.6	20.1	-1.26	-	0.1	4.7/16.5	11035
2000 VD ₃₈	2002 06 15.9	17 36.38	-16 04.9	17.0	-1.01	-	5.7	2.9/16.2	12252	1999 XT ₁₂₂	2002 06 16.1	17 37.64	-28 20.6	19.9	-1.15	+	1.6	2.0/16.4	2699
2000 AU ₆₈	2002 06 15.9	17 36.38	-20 46.3	19.3	-1.02	-	1.9	1.0/15.9	18225	2001 FV ₈₆	2002 06 16.1	17 37.65	-11 31.6	18.9	-0.84	-	1.3	3.7/16.0	13837
1999 XB ₂₃₀	2002 06 15.9	17 36.42	-41 12.1	17.2	-1.22	+	4.0	9.3/17.1	13640	1999 RZ ₉₁	2002 06 16.1	17 37.65	-24 03.8	19.5	-1.11	+	0.8	0.3/16.2	40362
2001 BM ₂₉	2002 06 15.9	17 36.47	-24 32.6	18.2	-0.90	+	2.5	0.5/16.0	31936	2001 AK ₄₀	2002 06 16.1	17 37.67	-23 09.9	17.1	-0.98	-	3.5	0.1/16.2	31935
1999 VH ₁₄₄	2002 06 15.9	17 36.48	-39 44.7	20.4	-1.16	-	1.8	5.5/16.0	3463	1999 VT ₉	2002 06 16.2	17 37.63	-21 02.2	17.2	-1.01	-	3.7	0.8/16.2	14376
2001 CG ₂₈	2002 06 15.9	17 36.53	-31 53.9	19.6	-1.22	0.0		3.4/16.1	13249	1999 XS ₁₈₂	2002 06 16.2	17 37.64	-28 55.8	18.7	-0.97	+	4.0	1.8/16.6	1558
1999 XU ₂₃₄	2002 06 15.9	17 36.53	-14 09.0	19.1	-0.94	+	1.8	3.3/15.4	10942	2001 DF ₅₄	2002 06 16.2	17 37.68	+15 15.1	18.5	-0.75	-	0.1	12.3/14.5	31401
1999 VJ ₂₄	2002 06 15.9	17 36.57	-32 59.6	17.1	-1.17	-	2.4	3.5/15.9	31874	1996 JV ₆	2002 06 16.2	17 37.69	-21 31.7	20.2	-0.85	-	0.5	0.6/16.2	3145
1998 HR ₂₃	2002 06 15.9	17 36.58	-21 07.9	18.1	-0.99	+	1.2	1.0/15.9	8403	2001 AT ₉	2002 06 16.2	17 37.70	-05 03.5	19.1	-0.93	-	4.0	7.2/16.7	31933
1999 RZ ₂₇	2002 06 15.9	17 36.59	-26 23.9	18.4	-1.12	+	2.7	1.4/16.1	11534	2001 FJ ₂₅	2002 06 16.2	17 37.73	-38 39.5	17.8	-1.18	+	1.3	5.9/16.7	13292
2000 WD ₁₇₉	2002 06 15.9	17 36.63	+10 09.2	18.1	-0.86	-	2.6	11.1/16.6	31927	1999 XO ₂₂₉	2002 06 16.2	17 37.73	-36 16.0	19.1	-1.04	+	0.3	4.2/16.6	13639
1999 RR ₁₈	2002 06 15.9	17 36.64	-13 03.6	15.9	-0.95	+	1.9	5.4/15.4	31857	2001 AM ₅₀	2002 06 16.2	17 37.74	-29 29.5	18.9	-1.05	+	1.2	2.7/16.5	11029
1999 CX ₃	2002 06 15.9	17 36.67	+26 00.4	19.2	-0.99	-	6.9	26.4/23.2	31850	2001 FX ₉₁	2002 06 16.2	17 37.79	-40 33.8	19.4	-1.13	-	1.6	6.1/16.4	17583
2001 FV ₁₂₈	2002 06 15.9	17 36.71	-56 46.8	19.8	-1.55	-	1.1	11.6/16.4	17587	1999 RA ₁₆₈	2002 06 16.2	17 37.82	-31 56.9	17.2	-1.21	-	0.1	3.7/16.4	13607
1996 CB	2002 06 15.9	17 36.74	-50 12.4	18.9	-1.80	+	5.6	12.6/18.3	27584	1999 TG ₉₂	2002 06 16.2	17 37.87	-29 30.9	19.1	-1.14	-	2.1	2.4/16.2	11578
2001 EM ₇	2002 06 15.9	17 36.82	-17 56.5	19.6	-0.94	-	0.7	1.8/15.9	13819	2001 FE ₁₇₉	2002 06 16.2	17 37.93	-23 55.1	18.5	-0.93	-	3.1	0.2/16.3	13387
1998 KK ₂₆	2002 06 15.9	17 36.83	-29 57.8	17.4	-1.04	+	7.5	3.0/16.8	10855	1998 MF ₂₄	2002 06 16.2	17 37.95	-17 41.9	19.2	-0.93	-	1.3	2.5/16.2	9713
1999 RY ₇₅	2002 06 15.9	17 36.83	-30 06.8	18.9	-1.06	+	2.9	3.6/16.4	10373	1999 VJ ₁₁	2002 06 16.2	17 38.06	-29 03.2	18.0	-1.08	-	1.7	2.2/16.3	13619
1999 XS ₂₆	2002 06 15.9	17 36.85	-21 02.2	20.3	-0.97	+	1.3	0.8/15.9	1548	2000 YM ₂	2002 06 16.2	17 38.06	-32 55.3	18.5	-1.18	+	3.1	3.8/16.9	11012
1994 WA ₈	2002 06 16.0	17 36.78	-13 02.0	20.1	-0.87	+	1.2	3.2/15.5	12110	1999 TH ₁₄₇	2002 06 16.3	17 38.07	-29 32.7	19.5	-1.05	-	0.7	2.1/16.4	13613
1999 TW ₉₉	2002 06 16.0	17 36.85	-11 15.8	18.6	-1.01	-	0.6	5.5/15.7	10432	1999 TO ₃₁₂	2002 06 16.3	17 38.25	-26 21.5	18.3	-1.17	-	4.5	1.5/16.3	10917
1999 XT ₁₈₇	2002 06 16.0	17 36.87	-36 13.8	18.5	-1.18	-	2.9	5.2/15.8	23511	1999 TV ₂₆	2002 06 16.3	17 38.33	-25 47.7	18.8	-1.12	+	0.7	1.0/16.4	40381
2001 BB ₅₁	2002 06 16.0	17 36.98	+01 48.6	19.1	-0.94	-	4.4	8.8/16.7	12278	1999 XV ₁₁₇	2002 06 16.3	17 38.34	-18 30.9	17.4	-0.97	+	7.8	2.1/15.8	17102
2001 EL ₁	2002 06 16.0	17 37.01	-21 49.5	19.1	-1.13	-	1.8	0.6/16.0	11927	1998 EV ₁₃	2002 06 16.3	17 38.37	-27 35.0	17.9	-1.14	-	0.6	1.9/16.5	31811
1999 TT ₂₆₉	2002 06 16.0	17 37.05	-18 31.2	17.2	-1.00	+	4.3	2.3/15.7	10464	1998 SB ₁₁₇	2002 06 16.3	17 38.37	-19 38.2	17.6	-0.91	+	4.0	1.6/16.1	31834
2001 DQ ₁₀₇	2002 06 16.0	17 37.06	-16 08.2	18.8	-0.94	+	0.4	3.0/15.8	19923	2001 EX	2002 06 16.3	17 38.42	-42 07.0	20.1	-1.22	+	0.7	6.5/17.1	15095
1999 VT ₈₁	2002 06 16.0	17 37.08	-10 40.5	19.5	-0.93	+	2.1	4.6/15.4	23510	2000 AH ₂	2002 06 16.3	17 38.44	-18 04.3	17.5	-0.85	-	3.4	1.5/16.5	14385
1999 RN ₈₈	2002 06 16.0	17 37.08	-27 10.5	19.2	-1.02	+	0.9	1.2/16.2	12932	1999 VV ₂₀	2002 06 16.3	17 38.44	-34 52.0	18.8	-1.05	-	3.1	3.7/16.3	13619
1998 FT ₇₈	2002 06 16.0	17 37.13	-12 15.4	19.4	-1.05	0.0		4.3/15.8	12121	1999 WV ₈	2002 06 16.3	17 38.48	-17 14.2	19.9	-0.95	+	0.3	2.0/16.2	14155
2000 AW ₆₈	2002 06 16.0	17 37.17	-19 30.2	19.2	-1.00	-	0.4	1.3/16.0	2713	1999 XQ ₅₈	2002 06 16.3	17 38.49	-25 21.2	17.3	-1.07	-	4.2	0.8/16.3	11698

1999 XS ₁₄₂	2002 06 16.3	17 38.56	-36 53.2	18.0	-1.27	+ 9.1	5.5/18.0	27656	1999 SK ₂₁	2002 06 16.8	17 40.14	-27 27.2	20.2	-1.04	+ 0.5	1.6/16.9	12161
1999 VS ₁₇₆	2002 06 16.4	17 38.44	-17 52.5	18.4	-1.00	+ 2.7	2.1/16.1	12199	2001 BF ₉	2002 06 16.8	17 40.17	-06 04.7	17.9	-0.91	- 5.3	7.4/17.6	27763
1998 TC ₁₀	2002 06 16.4	17 38.45	-24 09.8	18.7	-0.81	+ 0.1	0.2/16.4	13582	1999 TC ₉₄	2002 06 16.8	17 40.18	-10 33.6	18.0	-0.94	+ 0.5	6.4/16.4	31866
2000 DU ₉₈	2002 06 16.4	17 38.51	-22 16.8	18.7	-0.83	- 0.8	0.3/16.4	13659	1999 RZ ₃₇	2002 06 16.8	17 40.22	-15 20.5	20.1	-0.94	+ 0.7	2.6/16.6	13605
1999 XZ ₁₄	2002 06 16.4	17 38.57	-19 34.0	17.7	-1.40	-12.4	1.7/16.8	40405	2001 FN ₁₇₅	2002 06 16.8	17 40.28	-11 35.5	17.6	-0.91	- 1.6	3.8/16.7	31946
1999 VL ₆₈	2002 06 16.4	17 38.59	-19 59.9	18.4	-1.05	+ 1.3	1.5/16.3	10502	2001 DR ₉	2002 06 16.8	17 40.34	-50 05.8	17.1	-1.17	- 0.2	10.5/17.7	31939
2001 BK ₂₇	2002 06 16.4	17 38.61	-19 44.0	20.9	-1.03	+ 0.4	1.3/16.3	13806	1999 RV ₈₅	2002 06 16.8	17 40.34	-36 11.0	18.5	-1.28	- 1.4	6.1/16.8	10891
1998 HW ₅₁	2002 06 16.4	17 38.65	-28 45.2	19.1	-1.15	- 1.7	2.3/16.5	10852	1999 VU ₂₈	2002 06 16.8	17 40.40	-24 24.5	18.3	-1.10	+ 0.6	0.5/16.9	15051
1999 RQ ₁₉₈	2002 06 16.4	17 38.66	-16 57.8	18.4	-1.04	+ 1.9	2.6/16.1	12157	1997 BG ₁	2002 06 16.8	17 40.44	-12 29.2	17.0	-0.96	- 1.7	4.4/16.9	31808
3053 T-2	2002 06 16.4	17 38.71	-29 21.7	19.2	-1.10	- 0.6	2.3/16.5	12343	1999 RP ₇₁	2002 06 16.8	17 40.45	-23 01.1	20.1	-1.04	- 0.2	0.1/16.9	16041
1999 TN ₂₉₇	2002 06 16.4	17 38.76	-10 23.4	19.2	-0.96	+ 1.5	6.5/15.8	17064	1999 TE ₁₅₂	2002 06 16.8	17 40.52	-20 11.2	18.4	-1.00	- 0.9	1.2/16.8	12173
1999 RK ₁₈₁	2002 06 16.4	17 38.78	-32 11.2	18.7	-1.12	0.0	3.3/16.7	12157	1995 QA ₁	2002 06 16.8	17 40.59	-33 56.8	19.0	-1.12	+ 1.9	5.0/17.4	15571
2000 CB ₅₄	2002 06 16.4	17 38.79	-27 10.2	18.2	-0.71	+ 1.3	0.9/16.7	40452	1999 XY ₁₀₉	2002 06 16.8	17 40.59	-19 30.0	17.9	-0.99	- 0.5	1.6/16.8	14381
1999 RR ₂₀₇	2002 06 16.4	17 38.83	-13 36.5	17.8	-1.04	+ 4.5	4.6/15.7	31862	1999 XL ₁₁₄	2002 06 16.8	17 40.62	-37 38.7	17.7	-1.27	+ 4.0	6.3/17.7	12213
1999 XH ₂₀	2002 06 16.4	17 38.94	-30 10.3	17.5	-1.05	- 2.4	2.5/16.5	31881	2001 DP ₄₈	2002 06 16.9	17 40.51	-23 22.2	18.7	-1.03	- 2.5	0.0/16.9	12299
2001 DK ₇₃	2002 06 16.4	17 38.95	-29 12.8	19.5	-0.98	+ 0.7	2.1/16.7	11903	1995 CQ ₆	2002 06 16.9	17 40.56	-21 34.6	19.3	-0.84	+ 0.9	0.7/16.8	16723
1998 GX ₇	2002 06 16.5	17 38.89	+15 25.3	19.2	-0.98	- 1.8	14.2/17.3	31814	2001 FG ₈₉	2002 06 16.9	17 40.57	-38 46.9	20.8	-1.13	+ 0.1	5.1/17.3	19928
1999 TM ₆₃	2002 06 16.5	17 38.99	-22 06.1	19.3	-0.99	- 0.1	0.5/16.5	12948	1999 HR ₃	2002 06 16.9	17 40.60	+17 45.7	19.9	-1.11	+ 0.5	18.8/15.5	7479
1999 JD ₁₃	2002 06 16.5	17 39.07	-12 31.3	17.1	-0.66	+ 6.9	6.8/15.2	31854	1998 XC ₁	2002 06 16.9	17 40.61	-24 00.6	19.5	-0.86	- 0.4	0.2/16.9	31847
1997 FJ	2002 06 16.5	17 39.08	-20 38.5	17.0	-1.00	- 6.0	1.1/16.7	13551	2001 BY ₇₄	2002 06 16.9	17 40.72	-20 53.5	19.4	-0.93	- 1.2	0.8/16.9	13809
1999 TN	2002 06 16.5	17 39.08	-13 45.8	18.9	-1.02	+ 2.3	3.7/16.0	15049	1999 XS ₁₇₁	2002 06 16.9	17 40.79	-31 04.2	17.6	-0.99	- 0.1	2.9/17.1	31886
1999 VA ₁₁₆	2002 06 16.5	17 39.08	-21 38.0	19.7	-0.96	- 0.4	0.7/16.5	17078	1998 JS ₂	2002 06 16.9	17 40.88	-21 39.7	17.6	-1.10	- 3.3	0.7/17.0	31816
2001 CW ₂₁	2002 06 16.5	17 39.19	-34 33.1	19.4	-1.22	+ 1.7	4.7/17.1	16091	1999 VX ₂₃	2002 06 16.9	17 40.93	-24 47.1	19.2	-1.02	+ 2.3	0.5/17.1	12978
2001 CE ₄₀	2002 06 16.5	17 39.30	-19 36.9	17.6	-0.87	- 2.9	1.4/16.6	12291	1999 XJ ₂₅	2002 06 16.9	17 41.00	-33 19.2	18.4	-1.14	- 4.1	3.5/16.7	13629
2000 YP ₁₄₂	2002 06 16.5	17 39.31	-21 03.2	19.1	-1.00	- 2.0	1.0/16.6	27762	1999 RA ₁	2002 06 16.9	17 41.04	-30 20.8	18.1	-1.12	+ 3.1	3.2/17.4	9736
1997 CL ₁₃	2002 06 16.5	17 39.34	-12 48.6	18.5	-0.94	- 1.0	3.7/16.5	31808	1999 RR ₉₇	2002 06 17.0	17 40.96	-22 27.3	19.3	-1.06	+ 0.6	0.4/17.0	12153
3477 T-3	2002 06 16.5	17 39.34	-27 26.1	18.4	-0.91	- 0.6	1.4/16.7	32044	2001 AE ₁₂	2002 06 17.0	17 40.99	-20 30.1	17.4	-0.98	+ 2.8	1.3/16.9	10675
1998 SD ₅₉	2002 06 16.6	17 39.30	-19 58.0	18.4	-0.88	+ 0.4	1.2/16.5	30283	1999 YX	2002 06 17.0	17 41.00	-16 10.0	20.5	-0.95	- 0.1	2.2/16.8	40426
1999 XD ₂₁₅	2002 06 16.6	17 39.30	-12 40.9	19.9	-0.97	- 3.6	4.0/16.7	31314	2001 BQ ₃₁	2002 06 17.0	17 41.09	-23 41.1	20.0	-1.09	+ 1.0	0.1/17.0	13243
1999 VG ₁₁₅	2002 06 16.6	17 39.34	-21 07.1	18.4	-0.96	+ 4.4	0.8/16.4	12195	2000 AL ₁₄₅	2002 06 17.0	17 41.15	-02 08.0	19.3	-0.76	- 1.0	6.1/16.7	19483
2000 WM ₁₂₄	2002 06 16.6	17 39.37	-25 40.2	18.4	-1.42	+13.1	1.2/17.0	9879	2000 AX ₉₉	2002 06 17.0	17 41.16	-17 53.0	19.4	-0.94	+ 1.0	1.7/16.9	361
2000 YG ₈₀	2002 06 16.6	17 39.38	-26 03.7	18.5	-1.13	+ 2.9	1.2/16.8	11017	1998 FJ ₄₂	2002 06 17.0	17 41.16	-22 33.7	17.6	-1.06	+ 1.9	0.4/17.0	10846
1999 XD ₄₄	2002 06 16.6	17 39.39	-27 37.7	19.1	-1.06	- 0.5	1.6/16.7	11694	1999 VE ₅	2002 06 17.0	17 41.16	-33 10.8	18.8	-1.10	- 3.3	3.3/16.9	13618
1999 TC ₁₇₃	2002 06 16.6	17 39.46	-29 56.9	19.4	-1.04	+ 0.7	2.4/16.9	10449	2001 BY ₅₇	2002 06 17.0	17 41.21	-15 12.2	19.8	-1.05	- 0.6	3.2/16.9	17541
2001 EQ ₁	2002 06 16.6	17 39.48	+03 43.3	18.8	-0.91	- 4.1	9.5/17.4	12306	1998 HR ₂₇	2002 06 17.0	17 41.25	-28 31.5	18.0	-1.15	+ 1.5	2.5/17.2	10851
1998 KS ₁₂	2002 06 16.6	17 39.55	-23 14.8	18.0	-1.01	+ 2.0	0.1/16.6	16828	1998 FJ ₇₆	2002 06 17.0	17 41.26	-31 00.1	18.7	-1.20	- 2.0	3.1/17.1	16016
1998 QU ₈₉	2002 06 16.6	17 39.57	-13 08.0	16.9	-0.83	+ 2.4	3.4/16.1	31822	1997 CK ₁₂	2002 06 17.0	17 41.27	-26 12.4	20.5	-1.06	+ 0.6	1.0/17.1	12116
1997 AE ₂₂	2002 06 16.6	17 39.60	-22 28.6	19.7	-1.04	+ 0.3	0.3/16.6	11482	1999 SP ₁₁	2002 06 17.0	17 41.28	-19 41.7	18.9	-1.13	- 1.0	1.8/17.0	11560
2001 CA ₈	2002 06 16.6	17 39.63	-30 17.1	20.2	-1.07	+ 0.1	2.5/16.8	12285	2001 CS ₁₉	2002 06 17.0	17 41.29	-25 53.8	19.7	-0.96	- 1.5	0.8/17.1	13810
2000 CL ₁₈	2002 06 16.6	17 39.64	-16 02.7	18.4	-0.82	+ 0.9	2.6/16.4	31896	1999 TW ₂₂₀	2002 06 17.0	17 41.29	-23 50.2	18.0	-1.08	+ 3.3	0.2/17.1	2670
1999 RC ₁₂₃	2002 06 16.6	17 39.75	-15 40.4	18.0	-1.01	+ 2.6	3.3/16.3	12154	1999 XG ₂₀₃	2002 06 17.0	17 41.32	-30 09.5	18.7	-0.90	- 2.6	1.9/17.0	13077
1999 RV ₂₃₅	2002 06 16.7	17 39.77	-46 33.9	19.0	-1.43	- 4.5	10.3/15.8	23507	2001 DX ₆₄	2002 06 17.0	17 41.34	-34 30.8	16.3	-0.96	+ 3.5	5.7/17.8	31940
1999 TT ₂₂₂	2002 06 16.7	17 39.84	-11 17.8	18.1	-0.96	- 1.5	6.5/16.5	31288	2000 AP ₁₂₀	2002 06 17.1	17 41.36	-17 44.4	20.7	-0.82	+ 0.5	1.6/16.9	19481
2001 EO ₁₂	2002 06 16.7	17 39.92	-11 28.3	17.2	-0.90	- 5.3	4.3/17.3	31942	1999 RY ₉₀	2002 06 17.1	17 41.43	-35 17.6	19.0	-1.34	- 1.6	5.6/17.0	40362
2001 FL ₁₀₁	2002 06 16.7	17 39.99	-29 14.7	17.3	-0.94	+ 4.7	2.4/17.2	31944	1999 RM ₁₇₈	2002 06 17.1	17 41.46	-11 44.3	19.8	-1.05	- 0.5	5.5/16.8	11551
1982 ST ₇	2002 06 16.7	17 40.05	-29 06.8	18.2	-1.10	+ 0.8	2.1/16.9	39512	1999 TG ₁₁₂	2002 06 17.1	17 41.47	-26 06.3	20.6	-1.07	+ 0.5	1.0/17.2	12952
1999 TY ₁₄₄	2002 06 16.7	17 40.07	-33 19.2	19.0	-1.14	+ 0.5	3.8/17.1	12173	1998 QZ ₈	2002 06 17.1	17 41.50	-36 27.9	17.6	-1.09	+ 2.1	5.1/17.8	12129
2001 AT ₂₃	2002 06 16.7	17 40.09	-18 12.3	18.2	-0.98	- 0.6	2.3/16.7	12269	2001 DM ₁₈	2002 06 17.1	17 41.51	-26 58.8	18.2	-1.12	- 1.8	1.3/17.1	14926
2614 P-L	2002 06 16.7	17 40.11	-18 03.5	19.3	-0.96	+ 0.8	2.1/16.6	11063	2001 FJ ₆₂	2002 06 17.1	17 41.58	-21 26.5	19.0	-0.88	- 0.3	0.7/17.1	31943
1999 TT ₉	2002 06 16.8	17 40.11	-19 25.9	19.8	-1.01	+ 1.0	1.4/16.7	40378	2000 AQ ₁₅₁	2002 06 17.1	17 41.58	-23 12.9	18.3	-1.08	- 2.3	0.1/17.1	12230
2001 FG ₆₂	2002 06 16.8	17 40.12	-08 50.1	18.7	-0.80	- 0.6	4.9/16.5	31409	1998 QM ₅₃	2002 06 17.1	17 41.59	-36 33.5	18.9	-0.98	+ 0.8	4.1/17.6	31821

1999 RO ₁₄₅	2002 06 17.1	17 41.60	-13 55.7	18.6	-1.08	+ 2.5	4.6/16.6	1459	1999 TP ₉₀	2002 06 17.5	17 43.16	-31 34.9	18.4	-1.23	- 2.4	3.7/17.4	2661
1999 VL ₁₈₆	2002 06 17.1	17 41.60	-18 57.7	20.8	-0.90	+ 0.3	1.3/17.0	14378	1999 VT ₃₂	2002 06 17.5	17 43.21	-27 09.7	19.7	-0.97	- 0.9	1.3/17.6	12189
1999 RE ₁₀	2002 06 17.1	17 41.67	-16 40.5	18.4	-1.07	- 1.9	2.8/17.2	12149	1999 RQ ₂₄₉	2002 06 17.5	17 43.24	-26 06.2	19.7	-1.08	+ 3.1	0.9/17.7	2657
4602 P-L	2002 06 17.1	17 41.68	-22 11.0	18.6	-0.85	+ 0.3	0.4/17.1	32042	2001 DB ₉₆	2002 06 17.5	17 43.26	-27 55.9	19.7	-1.03	- 0.4	1.7/17.6	17565
1999 TD ₂₈	2002 06 17.1	17 41.72	-28 10.5	18.0	-1.12	- 0.1	2.3/17.2	2659	2001 FC ₁₅₂	2002 06 17.5	17 43.28	-21 47.4	18.8	-1.12	+ 2.8	0.6/17.5	13361
1999 TX ₁₀₈	2002 06 17.1	17 41.80	-18 56.5	19.4	-0.96	+ 1.5	1.4/17.0	16042	2000 AP ₁₈₈	2002 06 17.5	17 43.30	-08 08.4	19.8	-0.89	- 0.4	4.8/17.2	20747
2001 FQ ₁₈	2002 06 17.1	17 41.81	-05 59.9	18.3	-0.78	+ 2.5	6.0/16.1	31407	1998 JU ₁	2002 06 17.5	17 43.31	+03 18.5	18.6	-1.02	+ 2.4	9.0/16.7	31816
1999 SY ₁₄	2002 06 17.1	17 41.82	-21 38.5	18.3	-1.03	+ 4.2	0.8/17.1	10903	1999 CR ₃	2002 06 17.5	17 43.34	+22 42.5	19.5	-1.33	-10.3	19.7/24.8	30290
1999 TM ₈₁	2002 06 17.2	17 41.88	-32 37.5	20.0	-1.12	+ 0.7	3.4/17.5	11577	2001 FM ₁₄₈	2002 06 17.5	17 43.34	-17 03.6	18.9	-0.86	+ 2.9	2.0/17.2	27767
4303 T-3	2002 06 17.2	17 41.90	-32 41.0	18.8	-0.94	- 1.2	2.8/17.3	13877	2001 CB ₃₀	2002 06 17.5	17 43.40	-32 52.3	19.1	-1.09	- 0.4	3.4/17.7	12289
2001 EJ ₉	2002 06 17.2	17 41.97	-14 06.2	18.0	-0.96	- 0.4	3.9/17.0	11940	2002 LL ₂₆	2002 06 17.5	17 43.41	-19 44.0	18.0	-1.07	- 2.4	1.9/17.6	31782
2000 WO ₁₁₆	2002 06 17.2	17 41.98	-29 03.6	18.6	-1.13	+ 4.6	2.3/17.7	9878	2000 YK ₁₁₈	2002 06 17.5	17 43.42	-19 50.7	18.8	-0.94	- 2.4	1.3/17.6	12266
2001 DR ₇₆	2002 06 17.2	17 42.02	-18 26.7	18.9	-0.87	- 3.3	1.6/17.3	13261	2001 FK ₃₃	2002 06 17.5	17 43.44	-14 19.4	18.9	-0.85	+ 0.2	3.3/17.4	20838
2000 BO ₃₀	2002 06 17.2	17 42.04	-15 04.0	18.0	-0.83	- 3.0	2.7/17.4	13141	1998 FN ₆₄	2002 06 17.5	17 43.44	-34 44.9	19.1	-1.22	- 0.5	4.8/17.8	9069
1998 FU ₂₀	2002 06 17.2	17 42.05	-14 47.8	17.1	-0.99	- 1.6	4.2/17.2	31812	1990 RB ₃	2002 06 17.5	17 43.48	+05 55.9	18.6	-0.90	+ 1.7	10.9/15.5	31801
1997 UC ₂₂	2002 06 17.2	17 42.09	-35 29.5	16.6	-0.99	+ 4.7	4.0/18.2	12119	1999 XF ₁₆	2002 06 17.5	17 43.51	-21 46.9	17.5	-1.17	- 4.3	0.7/17.6	19466
2001 HZ ₂₄	2002 06 17.2	17 42.14	-23 55.8	20.2	-0.84	+ 0.1	0.2/17.3	27767	1999 RK ₁₈₀	2002 06 17.6	17 43.43	-20 09.9	17.6	-1.11	- 3.1	1.6/17.6	31861
1999 VM ₈₈	2002 06 17.2	17 42.16	-30 37.2	18.0	-1.12	- 1.9	3.3/17.2	12193	1996 SW ₁	2002 06 17.6	17 43.53	-24 51.5	20.1	-1.13	+ 1.0	0.7/17.7	9046
1999 XF ₁₁₉	2002 06 17.2	17 42.24	-29 17.6	21.0	-0.98	+ 0.5	1.9/17.5	12214	1999 TJ ₁₆	2002 06 17.6	17 43.53	-24 11.7	18.1	-1.11	- 1.1	0.3/17.6	40379
2000 AK ₉	2002 06 17.2	17 42.26	-26 28.3	19.0	-1.04	- 1.8	1.1/17.3	13090	2000 YW ₉₉	2002 06 17.6	17 43.53	-25 52.9	19.2	-1.06	+ 0.5	0.9/17.7	12264
1999 RA ₂₁₁	2002 06 17.3	17 42.19	-27 27.9	17.0	-1.05	+ 4.5	2.0/17.6	10900	2001 BN	2002 06 17.6	17 43.55	-24 18.0	19.1	-1.01	- 2.8	0.4/17.6	12272
2000 EZ ₈	2002 06 17.3	17 42.22	-42 58.3	20.6	-1.01	+ 0.9	5.1/17.9	2755	1999 TE ₁₈₇	2002 06 17.6	17 43.61	-23 07.4	18.1	-0.97	+ 3.7	0.1/17.6	12175
1998 RD ₅₃	2002 06 17.3	17 42.23	-37 56.8	18.0	-1.01	+ 0.3	4.8/17.7	31825	2000 AY ₂₃₀	2002 06 17.6	17 43.64	-14 16.9	18.9	-1.08	- 0.6	3.7/17.5	40443
2001 AO ₄₅	2002 06 17.3	17 42.31	-30 41.5	19.3	-1.06	- 1.1	2.8/17.4	10684	1999 VO ₆₀	2002 06 17.6	17 43.68	-13 39.6	18.0	-0.98	+ 3.1	4.4/17.1	2164
1999 RU ₇₅	2002 06 17.3	17 42.31	-17 45.0	19.2	-1.03	+ 1.8	2.2/17.1	11542	2000 DG	2002 06 17.6	17 43.74	-44 12.3	18.6	-1.05	+ 1.7	5.9/18.4	40459
2000 YX ₁₀₄	2002 06 17.3	17 42.34	-10 06.9	19.3	-0.91	- 1.8	4.1/17.4	13802	1998 FK ₉₈	2002 06 17.6	17 43.76	-25 46.9	19.3	-1.14	+ 2.8	1.0/17.8	9701
2002 LD ₅₆	2002 06 17.3	17 42.34	+04 56.4	16.3	-0.73	- 8.0	13.2/20.2	31788	2001 EW ₁	2002 06 17.6	17 43.79	-22 02.1	19.2	-0.96	- 2.4	0.5/17.7	13819
1998 SO ₃	2002 06 17.3	17 42.40	-24 09.3	19.5	-0.84	- 1.0	0.2/17.4	13577	2001 AA ₄₄	2002 06 17.6	17 43.85	-59 10.0	19.9	-1.76	+ 2.0	11.8/20.0	13804
2001 DO ₈	2002 06 17.3	17 42.44	-07 57.6	18.5	-0.82	- 2.5	5.5/17.5	31399	1999 TK ₂₂₉	2002 06 17.6	17 43.88	-10 32.5	21.8	-0.91	+ 1.0	4.0/17.2	1183
1998 RL ₂₀	2002 06 17.3	17 42.49	-20 07.1	18.1	-0.93	- 1.8	1.1/17.4	31824	2001 CO ₂₁	2002 06 17.6	17 43.91	-28 33.6	18.9	-1.21	- 2.2	2.3/17.7	11046
4273 T-3	2002 06 17.3	17 42.51	-39 24.8	18.1	-1.08	- 2.7	5.6/17.3	2598	1999 TS ₁₃₉	2002 06 17.6	17 43.91	-22 27.8	20.0	-0.97	+ 0.9	0.3/17.7	12172
2001 AX ₄₆	2002 06 17.3	17 42.60	-58 26.6	19.0	-1.79	- 1.3	12.4/17.8	13805	1994 UL ₆	2002 06 17.7	17 43.93	-23 04.6	19.5	-0.92	+ 1.4	0.1/17.7	12110
2000 AX ₂₅	2002 06 17.4	17 42.61	-21 27.7	18.4	-0.89	- 2.4	0.6/17.4	13642	1998 BF ₂₂	2002 06 17.7	17 43.96	-17 49.0	17.6	-1.03	- 2.4	2.8/17.8	8391
2000 AW ₁₂₀	2002 06 17.4	17 42.64	-08 00.7	18.6	-0.79	- 0.5	4.8/17.1	31891	1998 FZ ₄₁	2002 06 17.7	17 44.02	-21 54.6	17.8	-1.03	+ 1.4	0.7/17.7	8396
1981 UJ ₂₂	2002 06 17.4	17 42.70	-24 43.8	20.8	-0.85	- 0.6	0.4/17.4	16696	1999 VX ₉₄	2002 06 17.7	17 44.03	-21 32.0	19.4	-0.95	+ 0.7	0.6/17.7	11654
1999 XA ₈₇	2002 06 17.4	17 42.72	-27 17.3	17.8	-1.03	+ 3.8	1.4/17.7	40413	2001 AB ₄₅	2002 06 17.7	17 44.03	-15 34.1	18.2	-0.92	- 3.1	3.0/17.9	31935
2001 DX ₁₉	2002 06 17.4	17 42.73	-27 04.1	19.1	-1.20	- 2.5	1.4/17.4	11866	2000 CM ₁₂₀	2002 06 17.7	17 44.10	-23 16.8	18.4	-0.85	+ 1.6	0.0/17.7	13160
1998 HH ₁₉	2002 06 17.4	17 42.75	-20 57.0	18.0	-1.12	+ 2.2	1.1/17.3	12122	2001 DV ₂₀	2002 06 17.7	17 44.11	-24 44.0	16.4	-1.07	- 4.6	0.6/17.7	12295
2000 WK ₁₂₆	2002 06 17.4	17 42.77	-34 50.1	19.2	-1.19	- 0.1	4.5/17.7	9880	1997 GR ₃₅	2002 06 17.7	17 44.15	-10 26.7	18.3	-0.94	+ 3.0	4.4/16.9	31809
2001 FW ₉₃	2002 06 17.4	17 42.77	-15 53.8	19.8	-0.90	- 2.0	2.4/17.5	12063	1999 XC ₁₁₀	2002 06 17.7	17 44.18	-22 34.4	19.3	-0.95	- 1.3	0.3/17.8	11711
2001 FM ₁₀₁	2002 06 17.4	17 42.88	-10 53.3	19.3	-0.83	+ 2.1	4.3/16.9	27193	2001 CB ₄₃	2002 06 17.7	17 44.28	-15 12.4	18.3	-0.88	- 3.5	2.6/18.0	13251
2001 DV ₄₂	2002 06 17.4	17 42.93	-20 12.3	20.4	-0.94	+ 0.2	1.0/17.4	12299	2000 WM ₁₁	2002 06 17.7	17 44.34	-23 11.8	18.6	-1.13	+ 2.5	0.1/17.8	9388
1998 VG ₅₃	2002 06 17.4	17 43.07	-34 19.7	20.8	-0.93	+ 0.8	2.9/17.8	8417	1999 TM ₂₃₈	2002 06 17.7	17 44.36	-32 42.4	20.8	-1.10	- 1.6	3.2/17.8	17056
2001 BY ₁₄	2002 06 17.5	17 43.02	-15 45.4	20.7	-0.95	- 0.7	2.5/17.4	13805	1998 ST ₁₅₈	2002 06 17.8	17 44.28	-33 26.4	19.8	-0.93	0.0	2.9/18.0	16858
2001 ED ₄	2002 06 17.5	17 43.03	-08 04.0	19.2	-0.78	- 1.2	5.1/17.5	11930	2001 DW ₄₆	2002 06 17.8	17 44.37	-23 31.1	19.3	-1.11	+ 1.6	0.0/17.8	11885
1995 OA ₄	2002 06 17.5	17 43.04	-25 59.8	19.5	-1.07	+ 1.0	1.1/17.6	8379	2001 FJ ₂₆	2002 06 17.8	17 44.44	-07 00.3	19.8	-0.77	+ 1.2	4.5/17.3	19926
1998 WE ₃₁	2002 06 17.5	17 43.06	-03 14.6	19.1	-0.76	- 2.2	5.6/17.6	31846	1999 XJ ₁₄₄	2002 06 17.8	17 44.46	-30 36.4	17.8	-1.06	- 3.4	2.5/17.7	13064
2001 DA ₁₆	2002 06 17.5	17 43.09	-11 10.9	17.7	-0.94	- 4.7	5.0/17.9	31399	1998 FH ₇₀	2002 06 17.8	17 44.49	-21 53.8	17.5	-0.92	- 3.0	0.8/17.9	10319
2000 YC ₉₅	2002 06 17.5	17 43.10	-20 55.5	20.3	-1.05	- 0.8	1.0/17.5	9530	1999 VA ₃₅	2002 06 17.8	17 44.50	-29 01.5	18.0	-1.14	- 2.9	2.4/17.7	12983
1998 FW ₄₀	2002 06 17.5	17 43.14	-33 33.4	18.8	-1.17	- 0.6	4.8/17.7	18160	1998 FA ₆₃	2002 06 17.8	17 44.56	-32 57.9	18.9	-1.18	+ 0.1	4.2/18.1	9069
1999 RH ₉₀	2002 06 17.5	17 43.15	-12 37.3	19.0	-1.02	- 1.3	4.7/17.4	12152	2001 FQ ₂₈	2002 06 17.8	17 44.60	-34 30.7	19.8	-0.96	- 0.8	3.4/18.0	17575

2000 WD ₅₆	2002 06 17.8	17 44.70	-22 48.1	19.3	-1.09	- 2.2	0.2/17.9	11001	2001 CH ₈	2002 06 18.1	17 45.94	-24 36.4	19.5	-1.04	- 0.6	0.4/18.2	12285
1999 TT ₈₈	2002 06 17.8	17 44.75	-30 17.8	16.9	-1.07	- 3.3	3.6/17.8	9756	2000 AC ₁₄₃	2002 06 18.1	17 45.98	-34 03.3	18.2	-0.97	+ 2.9	3.3/18.7	13648
2000 CS ₆₄	2002 06 17.9	17 44.68	-25 24.9	18.5	-0.89	- 0.3	0.6/17.9	38730	1999 XX ₁₉	2002 06 18.1	17 45.99	-24 37.2	20.4	-1.04	- 0.3	0.4/18.2	13029
1999 VS ₁₃	2002 06 17.9	17 44.71	-62 28.6	20.8	-1.87	- 3.3	11.2/16.3	673	2047 P-L	2002 06 18.1	17 45.99	-36 17.3	18.2	-1.24	- 0.7	6.3/18.2	14455
2001 AW ₃₅	2002 06 17.9	17 44.73	-34 53.9	18.5	-1.19	+ 0.4	4.8/18.2	11027	2000 AV ₁₇	2002 06 18.1	17 46.01	-25 32.1	19.7	-0.94	0.0	0.7/18.2	14177
2000 AO ₁₂₀	2002 06 17.9	17 44.91	-17 42.7	19.7	-0.78	+ 0.7	1.6/17.8	31891	2001 BY ₄	2002 06 18.2	17 46.04	-14 43.0	17.9	-0.98	- 3.7	3.1/18.5	12272
1999 VL ₃₆	2002 06 17.9	17 45.03	-21 11.4	19.2	-0.91	+ 1.1	0.7/17.9	11638	2001 EB ₃	2002 06 18.2	17 46.05	-22 43.4	20.0	-0.86	- 0.3	0.2/18.2	11929
1999 XN ₁₈₆	2002 06 17.9	17 45.08	-30 30.7	21.0	-0.99	- 0.1	2.3/18.1	13076	1999 XX ₁₂₈	2002 06 18.2	17 46.07	-28 31.6	19.1	-1.00	+ 1.8	1.6/18.4	1556
2000 AF ₁₀₁	2002 06 17.9	17 45.11	-17 17.3	20.7	-0.90	+ 0.4	1.8/17.8	19479	1999 XZ ₈₃	2002 06 18.2	17 46.09	-17 09.7	19.6	-0.83	- 2.3	1.7/18.3	11704
1999 VY ₉₀	2002 06 17.9	17 45.14	-38 03.2	19.4	-1.17	- 2.9	5.4/17.7	17075	1999 XP ₂₅₂	2002 06 18.2	17 46.12	-20 00.0	20.6	-0.97	+ 0.6	1.4/18.2	17119
2001 BH ₅₈	2002 06 18.0	17 45.21	-18 49.7	19.2	-1.12	- 1.2	2.0/18.0	12279	1999 TT ₂₄₂	2002 06 18.2	17 46.18	-15 32.7	18.6	-1.00	- 1.7	2.9/18.3	12178
1999 VM ₄₉	2002 06 18.0	17 45.23	-18 49.5	20.2	-1.08	+ 2.7	1.8/17.8	2681	1999 RS ₁₈₄	2002 06 18.2	17 46.21	-18 58.6	18.4	-1.08	- 1.5	1.8/18.3	11552
1998 RU ₁₁	2002 06 18.0	17 45.23	-09 54.0	19.4	-0.79	+ 0.6	4.1/17.6	31824	2001 FA ₁₀	2002 06 18.2	17 46.24	-39 29.9	19.3	-0.98	- 0.1	5.2/18.5	13824
1999 XF ₁₉₁	2002 06 18.0	17 45.25	-34 33.0	20.2	-0.93	+ 2.7	3.2/18.6	17109	1998 HT ₅	2002 06 18.2	17 46.26	-19 46.5	17.2	-0.89	- 1.8	1.9/18.3	31814
2000 AZ ₂₂₅	2002 06 18.0	17 45.26	-26 23.3	17.7	-0.99	+ 1.3	1.3/18.1	25769	2000 YY ₁₃₆	2002 06 18.2	17 46.32	-15 58.5	18.2	-0.98	+ 5.3	2.9/17.7	11023
2001 BH ₂₂	2002 06 18.0	17 45.26	-21 24.6	19.5	-1.08	- 0.8	0.8/18.0	9626	1999 VE ₈₇	2002 06 18.2	17 46.34	+13 41.8	18.8	-1.02	+ 9.1	15.9/10.6	31876
2001 BC ₁	2002 06 18.0	17 45.27	-17 33.8	18.4	-0.96	+ 2.1	2.2/17.8	25367	2000 AK ₂₃₆	2002 06 18.2	17 46.37	-25 04.5	19.6	-1.02	+ 0.7	0.6/18.3	12233
1999 WR ₁	2002 06 18.0	17 45.30	-46 51.1	18.3	-1.43	- 6.9	9.1/16.3	13626	1999 UC ₁₈	2002 06 18.2	17 46.39	-36 33.8	20.1	-1.16	- 1.8	4.8/18.2	17066
1999 XV ₉₃	2002 06 18.0	17 45.31	-19 13.4	18.7	-0.96	- 2.3	1.4/18.1	38844	2001 FW ₆₈	2002 06 18.2	17 46.39	-40 19.4	19.5	-1.13	- 1.7	5.7/18.1	13834
1995 UX ₈₀	2002 06 18.0	17 45.33	-05 00.4	21.3	-0.92	+ 3.4	6.6/16.8	15577	1999 XN ₉₃	2002 06 18.2	17 46.41	-18 18.0	17.2	-0.98	- 5.0	2.2/18.5	31883
1998 VN ₃₁	2002 06 18.0	17 45.35	-19 00.3	18.7	-0.82	+ 1.7	1.4/17.9	13585	1998 OA ₄	2002 06 18.3	17 46.36	-20 02.6	19.7	-0.94	+ 1.0	1.3/18.2	35709
1999 VG ₁₉	2002 06 18.0	17 45.37	-14 40.9	19.2	-0.88	+ 2.4	2.8/17.6	13619	1999 PE ₃	2002 06 18.3	17 46.43	-22 06.9	18.7	-1.07	+ 0.7	0.5/18.3	12148
1998 MM ₃₉	2002 06 18.0	17 45.40	-11 39.5	18.8	-0.94	- 2.2	4.1/18.1	16017	1999 XB ₂₀₆	2002 06 18.3	17 46.46	-36 28.6	20.2	-1.09	+ 0.6	4.3/18.6	18221
1999 RP ₃₃	2002 06 18.0	17 45.43	-34 45.6	18.8	-1.18	- 0.3	4.4/18.2	30305	2000 AH ₁₀₉	2002 06 18.3	17 46.48	-22 07.8	18.5	-0.84	+ 1.4	0.4/18.3	13646
2001 BV ₆₀	2002 06 18.0	17 45.47	-29 40.2	20.1	-1.04	+ 3.4	2.1/18.4	18311	2000 CQ ₃₃	2002 06 18.3	17 46.49	-18 05.0	20.4	-0.79	- 0.6	1.5/18.3	2735
1998 SZ ₅₆	2002 06 18.0	17 45.50	-20 39.0	19.3	-0.88	- 0.3	0.9/18.0	12139	1999 XS ₁₂₆	2002 06 18.3	17 46.49	-35 01.3	19.4	-1.05	- 2.6	3.8/18.1	19467
1998 MV ₂₂	2002 06 18.0	17 45.50	-04 40.7	19.2	-1.02	+ 8.0	7.3/16.0	16833	2000 AL ₁₁₄	2002 06 18.3	17 46.56	-08 54.4	18.1	-0.94	- 2.1	5.3/18.4	31891
2001 DT ₉	2002 06 18.0	17 45.50	-10 48.8	17.8	-0.95	- 4.5	5.0/18.5	31939	1999 VG ₁₈₇	2002 06 18.3	17 46.60	-18 53.0	18.3	-0.96	- 0.1	1.9/18.3	13625
1999 TA ₁₈₂	2002 06 18.0	17 45.52	-36 16.9	20.5	-1.11	+ 0.4	4.3/18.4	11593	2000 XX ₃₂	2002 06 18.3	17 46.74	-37 04.5	17.8	-1.27	- 2.3	6.0/18.3	11010
2000 EU ₁₁	2002 06 18.0	17 45.57	-31 40.4	19.8	-0.76	- 0.8	2.0/18.2	13177	1998 OX ₁₁	2002 06 18.3	17 46.82	-38 02.0	19.7	-1.24	+ 2.8	6.1/18.9	33079
1999 XZ ₁₇₅	2002 06 18.0	17 45.58	-26 28.3	19.0	-1.08	- 4.0	1.1/18.0	14171	1998 GO ₂	2002 06 18.3	17 46.82	-19 05.7	18.2	-1.07	- 5.9	2.1/18.6	4911
2001 FT ₅₁	2002 06 18.0	17 45.63	-45 32.4	18.0	-1.32	- 0.1	8.5/18.1	12021	1999 XD ₁₁₇	2002 06 18.4	17 46.76	-33 27.0	18.5	-1.22	- 3.1	4.5/18.1	10553
1999 WN ₁₃	2002 06 18.1	17 45.54	-22 39.2	19.9	-1.01	- 1.2	0.2/18.1	40402	2001 FM ₁₈₉	2002 06 18.4	17 46.80	-32 01.4	19.0	-1.03	+ 0.8	3.2/18.6	17597
2000 WK ₁₂₄	2002 06 18.1	17 45.55	-50 18.3	19.5	-1.67	- 5.1	10.2/17.3	8553	2001 AJ ₁₉	2002 06 18.4	17 46.82	-24 49.5	19.0	-1.18	- 0.8	0.6/18.4	12269
1998 HQ ₈₁	2002 06 18.1	17 45.56	-20 52.7	18.8	-1.03	- 0.3	1.2/18.1	8404	1999 TB ₁₂₂	2002 06 18.4	17 46.88	-24 12.6	19.2	-1.00	+ 1.0	0.3/18.4	12172
2000 AN ₂₀₆	2002 06 18.1	17 45.58	-23 41.3	19.1	-0.89	+ 0.6	0.1/18.1	12232	2000 AE ₁₇₀	2002 06 18.4	17 46.90	-10 49.3	19.5	-0.92	+ 4.0	4.5/17.6	18226
1990 EC ₁	2002 06 18.1	17 45.61	-07 39.2	18.2	-0.94	+ 2.6	7.0/17.4	31801	2000 CL ₁₃	2002 06 18.4	17 46.90	-22 05.0	19.6	-0.80	+ 0.4	0.4/18.4	13654
2001 BC ₄₈	2002 06 18.1	17 45.70	-09 11.4	20.1	-0.92	+ 0.3	5.1/17.9	11829	2000 CQ ₁₂₄	2002 06 18.4	17 46.91	-20 20.7	18.8	-0.70	- 0.5	0.8/18.4	13161
2001 FV ₁₅₇	2002 06 18.1	17 45.74	-08 51.7	18.7	-0.82	- 1.2	4.6/18.1	31945	1999 YW ₅	2002 06 18.4	17 46.92	-54 12.8	19.9	-1.54	+ 4.3	9.3/20.5	38862
2001 FK ₁₈₈	2002 06 18.1	17 45.74	-12 13.3	19.8	-0.96	- 2.9	3.8/18.4	18316	2000 YO ₁₁₈	2002 06 18.4	17 46.95	-34 00.1	19.9	-1.25	+ 2.1	4.2/18.8	12266
3418 T-3	2002 06 18.1	17 45.75	-22 22.0	18.0	-0.87	- 0.5	0.4/18.1	13519	2000 CM ₇₈	2002 06 18.4	17 46.97	-21 12.5	18.0	-0.81	+ 0.1	0.6/18.4	2739
2000 AQ ₁₅₄	2002 06 18.1	17 45.77	-34 37.2	20.2	-1.25	- 2.3	4.3/17.9	2720	1999 VS ₃₇	2002 06 18.4	17 47.00	-25 12.0	17.9	-0.88	- 1.1	0.6/18.5	31875
2001 AN ₁₅	2002 06 18.1	17 45.79	-16 40.7	19.7	-1.02	- 0.6	2.4/18.1	13803	2001 ER ₅	2002 06 18.4	17 47.03	-29 55.0	18.9	-0.89	- 0.9	2.3/18.5	13819
1994 VG ₁	2002 06 18.1	17 45.81	-12 26.2	19.2	-0.90	+ 2.1	3.8/17.6	38449	2001 FE ₁₉₂	2002 06 18.4	17 47.05	-27 30.9	19.2	-0.87	- 0.2	1.2/18.5	25897
1999 XT ₇₇	2002 06 18.1	17 45.83	-20 17.0	19.6	-0.82	+ 1.1	0.9/18.1	13632	1999 VH ₁₉₆	2002 06 18.4	17 47.06	+12 31.1	20.2	-0.86	+ 2.7	11.4/16.0	14378
2000 YN ₇₈	2002 06 18.1	17 45.85	-26 22.5	19.2	-1.10	- 0.8	1.3/18.2	9521	1998 ME ₃₂	2002 06 18.4	17 47.09	-27 59.0	17.0	-1.04	+ 1.2	2.0/18.6	16017
2001 EN ₁₈	2002 06 18.1	17 45.85	-46 45.9	18.7	-1.25	+ 0.3	9.4/18.7	13274	2000 BK ₂₆	2002 06 18.4	17 47.13	-18 00.3	20.2	-0.80	- 0.4	1.4/18.4	12234
2000 AM ₁₈₉	2002 06 18.1	17 45.87	-09 19.0	19.1	-0.91	+ 2.4	4.7/17.4	13650	2002 HA ₁₄	2002 06 18.4	17 47.16	+14 52.7	17.3	-0.93	- 8.9	18.8/22.2	31611
1998 RD ₁₃	2002 06 18.1	17 45.92	-20 33.5	18.3	-0.88	+ 0.4	1.0/18.1	31824	1233 T-1	2002 06 18.4	17 47.20	+21 41.9	18.1	-0.63	+ 4.0	25.2/10.6	32043
1999 VO ₁₆₂	2002 06 18.1	17 45.92	-23 39.8	18.0	-0.95	+ 1.8	0.1/18.2	14378	1999 UE ₄₃	2002 06 18.4	17 47.22	-32 36.0	18.6	-1.16	+ 1.7	4.2/18.8	17068
1998 FH ₇	2002 06 18.1	17 45.94	-34 53.3	17.9	-1.13	+ 0.1	5.9/18.4	14757	2000 VK ₅₉	2002 06 18.5	17 47.23	-38 35.3	19.2	-1.24	- 0.7	5.1/18.7	14417

2001 FR ₁₂	2002 06 18.5	17 47.24	-04 25.6	18.3	-0.79	0.0	6.3/18.1	31942	2000 ED ₇₀	2002 06 18.8	17 48.59	-11 21.3	19.5	-0.62	+ 0.2	2.6/18.6	27661
2001 FK ₁₂₅	2002 06 18.5	17 47.26	-18 18.3	20.7	-0.91	+ 0.4	1.7/18.4	17587	2000 AU ₁₆₈	2002 06 18.8	17 48.63	-17 49.1	17.9	-0.98	- 4.6	2.0/19.1	13649
4766 P-L	2002 06 18.5	17 47.31	-16 38.8	19.6	-0.82	+ 0.7	2.2/18.4	24059	1995 UY ₃₄	2002 06 18.8	17 48.66	-22 43.8	19.4	-1.10	- 1.6	0.3/18.9	16731
1998 HR ₃₈	2002 06 18.5	17 47.38	-13 44.9	17.6	-1.03	+ 2.6	4.4/18.1	31815	1999 VV ₈₅	2002 06 18.8	17 48.69	-31 31.5	20.3	-1.06	- 0.6	2.6/18.9	12996
1999 RP ₁₄₇	2002 06 18.5	17 47.38	-23 53.5	17.9	-1.08	+ 2.7	0.2/18.6	31860	2000 SM ₁₆₀	2002 06 18.8	17 48.74	-20 56.4	18.1	-1.12	+ 3.4	1.0/18.7	31915
1994 PC ₉	2002 06 18.5	17 47.38	-22 58.8	18.5	-0.97	+ 0.3	0.2/18.5	11469	2000 AP ₁₇₂	2002 06 18.8	17 48.78	-13 28.5	19.3	-0.89	- 1.6	3.2/18.9	13649
1999 TG ₂₂₃	2002 06 18.5	17 47.39	-42 20.7	19.6	-1.18	- 1.7	6.8/18.5	11600	1999 VS ₃	2002 06 18.8	17 48.81	-19 16.0	20.5	-0.93	+ 0.5	1.5/18.8	14147
5091 T-2	2002 06 18.5	17 47.40	-25 17.4	18.5	-1.09	+ 3.4	0.8/18.6	1667	1998 TP ₁₉	2002 06 18.8	17 48.85	-04 16.0	18.2	-0.77	+ 2.9	6.2/17.9	31838
1999 XM ₁₈₃	2002 06 18.5	17 47.41	-33 50.9	20.4	-1.00	+ 0.5	3.1/18.8	18221	1999 UO ₂₃	2002 06 18.8	17 48.88	-07 26.8	18.6	-0.94	+ 3.3	6.1/18.1	31872
1999 VZ ₃₆	2002 06 18.5	17 47.51	-25 29.7	18.4	-0.99	- 1.0	0.8/18.6	38110	1999 TA ₂₁₆	2002 06 18.8	17 48.90	-02 27.0	18.7	-0.88	+ 1.4	8.2/18.3	31870
1999 RR ₁₄₉	2002 06 18.5	17 47.67	-30 41.7	16.3	-1.05	+ 1.1	4.0/18.8	9745	2000 AG ₉₉	2002 06 18.8	17 48.93	-21 34.3	18.4	-1.08	- 1.0	0.7/18.9	13646
1994 RA ₂₂	2002 06 18.6	17 47.63	-17 40.1	18.8	-0.98	- 0.2	2.3/18.5	27581	2000 YG ₅₁	2002 06 18.9	17 48.87	-23 45.2	18.3	-1.14	- 3.2	0.2/18.9	9499
1999 VU ₁₆₀	2002 06 18.6	17 47.64	-26 02.4	19.5	-0.98	+ 0.5	0.9/18.7	11668	2000 AA ₂₀₅	2002 06 18.9	17 48.88	-39 33.0	17.8	-1.02	+ 0.1	5.1/19.1	13651
2001 AD	2002 06 18.6	17 47.67	-25 13.2	21.2	-1.10	0.0	0.7/18.6	11023	1999 XL ₁₉₀	2002 06 18.9	17 48.89	-30 22.7	19.0	-1.00	+ 1.5	2.3/19.1	2703
1998 SB ₁₂	2002 06 18.6	17 47.68	-19 05.0	20.5	-0.83	+ 0.5	1.2/18.5	35716	2001 EW ₉	2002 06 18.9	17 48.93	-07 38.6	19.4	-0.83	- 1.1	4.7/18.9	27192
1995 YT ₂	2002 06 18.6	17 47.74	-24 31.7	20.0	-1.00	- 0.9	0.4/18.6	40310	1999 XW ₉₂	2002 06 18.9	17 48.99	-20 29.4	20.1	-0.85	- 0.1	0.9/18.9	13052
1999 VM ₆₆	2002 06 18.6	17 47.85	-19 20.4	18.8	-1.02	+ 1.1	1.9/18.5	15051	1999 TC ₁₅₂	2002 06 18.9	17 48.99	-11 34.9	18.4	-0.95	0.0	5.6/18.7	31868
2001 BX ₆₀	2002 06 18.6	17 47.87	-17 18.1	19.5	-0.96	+ 0.1	2.1/18.6	12279	2000 AE ₂₃	2002 06 18.9	17 49.07	-21 37.4	17.8	-0.92	- 3.5	0.6/19.0	13094
1987 BB ₂	2002 06 18.6	17 47.87	-21 40.5	18.4	-1.09	+ 0.9	0.7/18.6	13531	1998 FM ₇₇	2002 06 18.9	17 49.10	-27 59.0	18.2	-1.12	- 2.9	2.1/18.9	9070
1996 FO ₂₁	2002 06 18.6	17 47.91	-16 52.9	20.1	-0.84	0.0	2.1/18.6	12852	1998 VM ₃₁	2002 06 18.9	17 49.13	-33 37.5	18.0	-1.05	- 4.5	3.4/18.5	14128
2000 AP ₁₈₉	2002 06 18.6	17 47.94	-06 53.5	19.2	-0.92	- 2.2	5.8/18.8	19486	1999 RO ₈₇	2002 06 18.9	17 49.13	-31 05.2	19.4	-1.19	- 0.1	3.3/19.0	641
1999 TA ₂₃₃	2002 06 18.6	17 47.98	-03 51.4	19.5	-0.89	- 1.6	6.7/18.7	13615	2001 GR ₅	2002 06 18.9	17 49.16	-02 03.6	19.2	-0.77	+ 1.6	6.7/18.1	17598
1999 TQ ₃₃	2002 06 18.6	17 48.05	-19 28.0	18.6	-0.95	+ 0.8	1.4/18.6	13611	1999 VU ₆₅	2002 06 18.9	17 49.17	-00 49.7	17.9	-0.88	+ 8.4	10.4/16.2	31298
2000 AR ₈₇	2002 06 18.6	17 48.05	-18 22.4	20.4	-0.78	- 0.1	1.4/18.6	31890	2001 FH ₄	2002 06 18.9	17 49.24	-19 29.2	19.3	-0.94	- 0.9	1.6/19.0	11964
1999 YD ₁₇	2002 06 18.6	17 48.07	-16 50.8	17.8	-0.82	- 1.0	2.4/18.7	13641	2001 FF ₆₉	2002 06 18.9	17 49.26	-11 22.0	19.4	-0.81	- 0.4	3.7/18.9	12041
1999 XY ₁₁₃	2002 06 18.6	17 48.08	-40 13.1	18.1	-1.12	+ 1.6	5.8/19.3	25767	1999 XX ₁₅₉	2002 06 18.9	17 49.31	-19 21.5	20.5	-0.97	- 0.9	1.3/19.0	18221
2001 AC ₃₀	2002 06 18.6	17 48.09	-26 55.0	18.9	-1.15	- 1.8	1.5/18.7	9597	2000 WN ₁₂₁	2002 06 19.0	17 49.27	+13 12.6	18.4	-1.08	+ 9.1	19.0/13.5	31926
1999 UG ₁₁	2002 06 18.6	17 48.11	-48 32.3	19.6	-1.08	+ 2.0	5.8/19.9	40385	1160 T-2	2002 06 19.0	17 49.32	-37 14.5	18.6	-1.18	+ 0.3	6.2/19.2	12343
2000 YP ₉₇	2002 06 18.7	17 48.01	-09 37.0	16.9	-0.94	- 6.4	6.1/19.6	31932	1999 XF ₂₀₂	2002 06 19.0	17 49.35	-32 59.6	19.7	-0.99	- 1.5	3.1/19.0	27656
2001 EJ ₄	2002 06 18.7	17 48.01	-26 05.4	20.0	-0.89	- 0.3	0.8/18.7	11930	1999 VG ₁₉₈	2002 06 19.0	17 49.36	-24 32.9	20.5	-1.00	- 2.2	0.4/19.0	30336
2001 FD ₄₀	2002 06 18.7	17 48.06	-42 46.0	18.3	-1.27	- 0.5	7.7/18.6	16093	2001 FJ ₁₄₅	2002 06 19.0	17 49.41	-13 27.7	18.8	-0.89	+ 0.1	3.8/18.9	31945
1999 YP ₁₅	2002 06 18.7	17 48.11	-20 17.0	19.1	-0.90	- 0.4	1.1/18.7	11736	1998 QV ₄₄	2002 06 19.0	17 49.42	-17 26.8	19.1	-0.93	+ 1.0	2.6/18.9	23460
2001 DD ₂₇	2002 06 18.7	17 48.12	-30 34.2	19.2	-1.01	+ 0.6	2.5/18.9	12296	2000 DG ₂₈	2002 06 19.0	17 49.42	-23 56.8	19.1	-0.86	+ 0.2	0.2/19.0	14207
2000 YW ₁₀₉	2002 06 18.7	17 48.14	-26 20.4	20.5	-1.10	+ 0.5	1.1/18.8	11020	2000 WF ₂₇	2002 06 19.0	17 49.49	-31 28.1	18.1	-1.06	+ 3.2	2.9/19.5	13796
2001 BJ ₅₆	2002 06 18.7	17 48.22	-06 42.3	18.8	-0.93	- 5.1	6.6/19.6	12278	1999 TQ ₁₂₃	2002 06 19.0	17 49.52	-29 48.1	18.9	-1.16	- 1.7	2.6/19.0	13613
2000 AM ₂₃₅	2002 06 18.7	17 48.23	-21 26.9	19.9	-0.83	- 0.1	0.6/18.7	14195	1999 RL ₆₇	2002 06 19.0	17 49.57	-21 59.5	18.5	-1.04	+ 0.8	0.5/19.0	13605
1999 YQ ₁	2002 06 18.7	17 48.24	+01 28.8	20.3	-0.91	+ 2.4	8.8/17.3	27657	2001 EB ₁₄	2002 06 19.0	17 49.60	-42 33.8	17.2	-1.24	- 4.7	7.9/18.0	13271
2001 CJ ₁₈	2002 06 18.7	17 48.25	-27 28.8	17.8	-1.03	+ 2.8	1.9/18.9	11842	1999 RA ₂₀₄	2002 06 19.0	17 49.61	-62 29.2	19.0	-1.77	+ 1.2	11.4/20.6	13608
1998 HR ₆₀	2002 06 18.7	17 48.27	-38 49.2	17.6	-1.12	- 1.1	7.9/18.9	1029	1998 QJ ₅₉	2002 06 19.0	17 49.63	-35 54.4	21.4	-0.92	+ 0.1	3.2/19.2	30275
2000 YS ₃₄	2002 06 18.7	17 48.29	-11 35.9	19.4	-0.93	- 1.3	3.9/18.8	13801	2000 WB ₆₁	2002 06 19.0	17 49.67	-16 54.0	18.2	-1.05	+ 2.2	3.0/18.9	9408
2001 CN ₃₆	2002 06 18.7	17 48.29	-40 49.5	19.7	-1.06	+ 0.3	5.4/19.2	13811	1998 QR ₈₆	2002 06 19.0	17 49.68	-30 21.6	17.4	-1.08	+ 2.6	2.7/19.3	30276
1999 XL ₁₆₉	2002 06 18.7	17 48.32	-29 31.3	19.5	-0.88	- 0.1	1.8/18.8	13637	2000 AH ₆₂	2002 06 19.0	17 49.71	-19 20.8	18.4	-0.85	- 0.6	1.3/19.1	19477
1998 WR ₂₀	2002 06 18.7	17 48.33	-26 21.9	19.0	-0.86	- 1.9	0.8/18.7	16026	1999 TJ ₂₈₉	2002 06 19.0	17 49.72	-19 47.7	19.4	-0.96	- 1.1	1.3/19.1	13616
1999 TA ₂₄₈	2002 06 18.7	17 48.35	-21 14.5	17.8	-1.03	- 2.0	1.1/18.8	18215	2001 DW ₃₇	2002 06 19.0	17 49.73	-16 26.4	18.3	-1.08	+ 0.7	3.1/18.9	11881
2000 AO ₈₁	2002 06 18.7	17 48.37	-18 39.2	19.4	-0.91	- 0.2	1.7/18.7	12226	2001 DG ₄₆	2002 06 19.0	17 49.76	-20 13.8	19.6	-1.10	- 0.8	1.4/19.1	11885
2001 DO ₂₃	2002 06 18.7	17 48.45	-17 03.6	18.9	-0.90	- 1.9	2.6/18.9	11870	1999 VD ₁₅₂	2002 06 19.1	17 49.70	-24 51.6	21.1	-0.95	- 0.8	0.5/19.1	2686
2000 AK ₁₉₉	2002 06 18.7	17 48.49	-18 18.2	18.2	-1.03	- 5.2	1.9/19.0	12232	1999 XG ₁₄₃	2002 06 19.1	17 49.71	-13 15.9	18.8	-0.96	+ 0.6	3.6/18.9	31885
2000 YM ₁₂₀	2002 06 18.8	17 48.46	-29 09.2	18.0	-1.15	- 1.2	2.3/18.8	13802	1999 TZ ₆₇	2002 06 19.1	17 49.74	-24 27.2	20.2	-1.08	- 0.8	0.4/19.1	14789
1999 VZ ₈	2002 06 18.8	17 48.46	-24 29.3	18.0	-1.04	- 3.0	0.4/18.8	14376	1999 TX ₁₉	2002 06 19.1	17 49.75	-26 24.5	19.9	-1.03	+ 0.1	1.1/19.2	12944
2000 WO ₁₅₃	2002 06 18.8	17 48.50	-32 46.1	18.5	-1.27	- 2.2	3.9/18.7	13798	1999 XA ₁₈₃	2002 06 19.1	17 49.77	-40 38.5	17.0	-1.26	- 5.0	6.9/18.1	13638
1999 TF ₂₃₄	2002 06 18.8	17 48.51	-34 00.1	19.5	-1.20	+ 1.9	4.7/19.1	11602	2000 AD ₁₆₆	2002 06 19.1	17 49.78	+02 58.0	18.8	-0.76	- 2.7	7.1/19.8	31893

2001 DW	2002 06 19.1	17 49.81	-22 41.6	19.4	-0.96	- 0.6	0.3/19.1	11854	2002 JJ ₇₄	2002 06 19.3	17 50.81	-03 07.7	17.2	-0.87	+ 4.1	9.3/18.1	32026
1999 RQ ₂₁₂	2002 06 19.1	17 49.86	-38 57.0	17.9	-1.18	+ 3.9	6.2/20.2	13608	1997 OT	2002 06 19.3	17 50.82	-33 12.0	18.7	-0.93	+ 1.3	3.4/19.6	13553
2001 AA ₂₈	2002 06 19.1	17 49.88	-32 32.3	19.2	-1.23	- 1.0	3.8/19.1	9595	2000 CV ₆₄	2002 06 19.3	17 50.89	-18 39.6	19.5	-0.80	- 1.2	1.3/19.4	39406
1994 PG ₁₅	2002 06 19.1	17 49.88	-18 28.1	19.2	-0.94	+ 0.2	2.1/19.1	25680	1999 VT ₇₇	2002 06 19.3	17 50.89	-30 47.0	17.4	-1.03	- 1.1	3.8/19.3	9771
2001 DD ₉₃	2002 06 19.1	17 49.96	-07 06.1	19.3	-0.88	+ 0.3	5.6/19.0	16092	1999 TQ ₁₁₈	2002 06 19.4	17 50.93	-23 37.7	19.5	-1.08	+ 0.9	0.1/19.4	1148
1998 RM ₃₃	2002 06 19.1	17 49.97	-30 39.9	17.5	-1.00	- 1.5	3.1/19.1	31825	1999 VD ₅	2002 06 19.4	17 50.94	-26 48.0	18.8	-1.12	- 1.0	1.4/19.4	11627
1998 RC ₂₆	2002 06 19.1	17 49.98	-09 00.5	17.7	-0.88	- 2.1	6.1/19.3	31825	2000 AL ₁₇₀	2002 06 19.4	17 51.09	-11 17.1	20.1	-0.87	- 0.6	3.8/19.4	12230
2000 AZ ₁₀₁	2002 06 19.1	17 49.99	-20 56.5	22.0	-0.90	- 0.3	0.7/19.1	1563	2001 FO ₂₈	2002 06 19.4	17 51.11	-05 23.2	18.9	-0.91	- 0.9	6.8/19.3	17575
1999 RH ₃₈	2002 06 19.1	17 49.99	-32 59.2	18.5	-1.20	- 1.1	4.1/19.1	12150	2000 AP ₄₂	2002 06 19.4	17 51.11	-28 40.2	18.3	-1.21	+ 3.5	2.3/19.7	13098
2001 FK ₁₆₀	2002 06 19.1	17 50.01	-00 39.1	18.1	-0.83	+ 2.2	7.6/18.1	14425	1995 SA ₇₂	2002 06 19.4	17 51.18	-13 36.2	20.5	-1.00	0.0	3.7/19.3	15573
1998 SX ₆₂	2002 06 19.1	17 50.02	-40 17.6	19.5	-1.00	- 0.5	4.8/19.2	13579	1999 XP ₇₂	2002 06 19.4	17 51.19	-26 12.6	17.8	-1.05	- 4.7	1.0/19.3	13047
2602 P-L	2002 06 19.1	17 50.02	-25 06.9	20.2	-0.84	- 0.3	0.5/19.2	32042	1993 FM ₄₄	2002 06 19.4	17 51.21	-15 17.9	19.2	-0.92	+ 0.6	3.5/19.3	15564
1999 VC ₃₀	2002 06 19.1	17 50.07	-24 19.8	19.2	-0.87	- 0.3	0.3/19.2	13620	1999 XJ ₁₈	2002 06 19.4	17 51.22	-27 47.6	19.0	-1.11	- 0.6	1.7/19.5	13628
2001 FC ₁₃₇	2002 06 19.1	17 50.08	+08 08.3	19.0	-0.91	- 4.1	12.2/20.0	31411	2001 EA ₂₅	2002 06 19.4	17 51.22	-31 21.4	17.8	-1.12	- 7.6	3.4/18.8	14929
2000 YO ₁₆	2002 06 19.1	17 50.14	-13 07.7	18.5	-0.96	- 3.6	3.6/19.6	13800	1999 VF ₅₂	2002 06 19.4	17 51.30	-37 58.3	20.8	-1.13	- 2.4	4.6/19.2	1524
2001 BG ₉	2002 06 19.1	17 50.17	-26 29.7	20.3	-1.10	+ 0.1	1.1/19.2	12273	1999 TR ₁₈₆	2002 06 19.4	17 51.31	-24 10.3	18.4	-1.00	+ 3.8	0.3/19.5	13614
1999 NR ₇	2002 06 19.2	17 50.10	-20 50.9	17.7	-1.14	+ 1.0	1.2/19.1	31855	1998 SJ ₂₄	2002 06 19.4	17 51.32	-24 31.7	17.5	-0.92	- 1.0	0.4/19.5	31829
1999 VM ₂₁	2002 06 19.2	17 50.17	-21 55.9	18.6	-1.00	+ 0.5	0.6/19.2	12188	1999 XF ₆₆	2002 06 19.4	17 51.32	-26 22.6	20.8	-0.87	- 1.4	0.8/19.5	6263
1999 RE ₁₇	2002 06 19.2	17 50.20	-18 56.8	19.0	-1.07	+ 1.5	1.8/19.1	12149	1996 XA ₃	2002 06 19.4	17 51.41	-24 09.1	18.5	-1.12	+ 3.0	0.3/19.5	13548
1999 XQ ₁₂₈	2002 06 19.2	17 50.33	-29 17.1	16.9	-1.05	- 3.2	2.5/19.1	31884	1999 RZ ₁₂₇	2002 06 19.5	17 51.35	-26 39.6	18.1	-1.12	+ 1.5	1.3/19.6	31860
1999 TO ₂₁₆	2002 06 19.2	17 50.33	-20 14.4	20.1	-0.99	- 0.1	1.2/19.2	14375	2000 AA ₁₉₄	2002 06 19.5	17 51.43	-04 57.5	20.1	-0.74	- 0.6	4.9/19.5	16047
2001 BV ₅₂	2002 06 19.2	17 50.33	-16 02.4	17.9	-0.95	+ 4.4	2.9/18.8	22765	1998 FM ₅₅	2002 06 19.5	17 51.62	-18 08.7	18.0	-1.07	- 0.9	2.2/19.6	9699
1998 HW ₂₇	2002 06 19.2	17 50.34	-14 39.8	19.5	-1.06	+ 2.3	3.7/18.9	25709	1998 SA ₁₄₁	2002 06 19.5	17 51.62	-25 52.2	19.1	-0.91	+ 0.1	0.9/19.6	12142
1998 QE ₆₈	2002 06 19.2	17 50.37	-13 59.0	17.1	-0.89	+ 6.0	4.2/18.4	31821	1998 FM ₇₉	2002 06 19.5	17 51.72	-38 16.9	17.9	-1.17	- 3.4	7.3/19.2	9070
2001 BY ₁₈	2002 06 19.2	17 50.37	-27 03.6	20.0	-1.09	- 0.4	1.4/19.3	17534	1999 RU ₁₆₈	2002 06 19.5	17 51.73	-17 41.3	17.1	-1.03	+ 0.1	2.9/19.5	31861
2001 FR ₁₀₅	2002 06 19.2	17 50.37	-34 11.5	19.6	-0.97	- 0.8	3.9/19.3	27767	1999 XP ₂₀₆	2002 06 19.5	17 51.75	-37 42.2	19.0	-1.01	+ 0.2	4.4/19.7	31887
2001 EN ₈	2002 06 19.2	17 50.39	-19 41.5	18.1	-0.93	- 1.1	1.5/19.3	11938	2000 WA ₆₆	2002 06 19.5	17 51.76	-21 41.3	19.3	-1.14	+ 2.1	0.7/19.5	11002
2001 DB	2002 06 19.2	17 50.41	-16 21.1	18.1	-1.09	+ 0.7	2.9/19.1	11853	1998 RV ₅	2002 06 19.5	17 51.76	-36 06.9	18.9	-0.99	- 1.4	3.8/19.5	31824
1999 XG ₄₅	2002 06 19.2	17 50.43	-21 14.2	17.5	-1.02	- 2.2	1.1/19.3	10935	2001 FW ₁₇₅	2002 06 19.5	17 51.82	-31 36.7	18.7	-0.96	- 3.0	2.9/19.4	13385
2001 CS ₂₃	2002 06 19.2	17 50.49	-24 52.4	20.2	-1.11	+ 0.8	0.5/19.3	17546	1999 TS ₂₄₁	2002 06 19.5	17 51.83	-29 40.2	18.9	-1.03	- 2.7	2.1/19.5	13615
2001 BG ₆₀	2002 06 19.2	17 50.49	-37 53.8	16.9	-1.02	+ 1.4	5.3/19.7	13808	2000 CG ₉	2002 06 19.6	17 51.75	-09 22.4	19.5	-0.79	- 2.9	4.1/20.0	13144
5114 T-2	2002 06 19.2	17 50.49	-15 41.3	19.6	-0.94	+ 3.6	2.9/18.9	12344	2001 FH ₉₄	2002 06 19.6	17 51.77	-10 31.4	18.1	-0.83	- 2.5	4.7/19.8	31410
1996 PZ ₇	2002 06 19.2	17 50.52	-23 56.2	19.0	-1.17	+ 0.5	0.3/19.3	10834	1996 HY ₁₈	2002 06 19.6	17 51.77	-12 18.4	18.7	-0.81	+ 1.9	3.7/19.2	16007
2000 EK ₂₉	2002 06 19.2	17 50.55	-27 18.2	19.4	-0.86	+ 0.3	1.2/19.4	18238	1999 VD ₁₄	2002 06 19.6	17 51.78	-57 45.2	19.7	-1.88	- 6.2	13.2/15.8	1521
1999 TP ₂₅	2002 06 19.2	17 50.60	-31 21.5	19.2	-1.08	- 0.3	3.1/19.4	12163	1998 RX ₁₅	2002 06 19.6	17 51.82	-24 10.6	18.7	-0.92	+ 0.4	0.3/19.6	31824
1995 HB	2002 06 19.3	17 50.51	-32 26.4	19.4	-1.23	- 1.3	3.9/19.3	12110	2001 DO ₅₉	2002 06 19.6	17 51.84	-33 34.2	19.3	-1.11	+ 3.6	3.6/20.2	11891
2001 FR ₉₉	2002 06 19.3	17 50.52	-31 20.4	19.1	-0.95	- 2.6	2.6/19.1	31410	2001 BJ ₇₁	2002 06 19.6	17 51.84	-26 16.2	19.3	-1.06	+ 0.2	1.1/19.7	12282
4155 T-2	2002 06 19.3	17 50.52	-33 11.3	18.0	-1.24	- 0.8	4.3/19.3	9936	2000 WA ₅₅	2002 06 19.6	17 51.84	-36 56.5	19.2	-1.34	+ 6.7	4.9/20.8	9873
2001 FA ₁₀₂	2002 06 19.3	17 50.53	-31 30.2	18.8	-0.96	+ 2.7	2.8/19.7	27767	2000 CB ₇₅	2002 06 19.6	17 51.86	+22 55.2	18.2	-1.01	- 1.8	15.3/16.6	31898
2001 DZ ₉₉	2002 06 19.3	17 50.53	-04 51.0	18.6	-0.87	- 0.5	7.1/19.2	31403	2001 FU ₃₈	2002 06 19.6	17 51.89	-17 56.8	19.0	-0.82	+ 1.2	1.7/19.5	13829
2001 AH ₂₅	2002 06 19.3	17 50.55	-18 55.7	17.2	-0.95	- 4.4	1.8/19.5	31934	1999 VG ₁₈₆	2002 06 19.6	17 51.91	-35 29.2	17.8	-1.14	- 5.5	4.8/19.0	16043
1999 XQ ₁₉₄	2002 06 19.3	17 50.57	-30 45.7	17.2	-0.96	- 3.6	2.6/19.1	13638	2000 AG ₁₆₆	2002 06 19.6	17 51.93	-26 31.4	16.7	-1.02	+ 9.5	1.1/20.0	2721
2001 DL ₂₁	2002 06 19.3	17 50.57	-45 32.4	18.3	-1.09	- 1.4	7.4/19.2	14419	2001 BL ₃₆	2002 06 19.6	17 51.97	-36 08.8	19.3	-1.07	+ 1.4	4.6/20.0	12276
2001 DY ₉₁	2002 06 19.3	17 50.59	-30 54.6	19.2	-0.90	+ 0.2	2.6/19.4	14419	1999 TS ₂₀₀	2002 06 19.6	17 52.01	-30 38.2	19.3	-1.20	+ 1.6	2.9/19.8	12959
2001 BF ₄₀	2002 06 19.3	17 50.60	-30 43.7	21.5	-1.14	- 0.6	2.6/19.4	19918	1998 HU ₈₃	2002 06 19.6	17 52.02	-16 34.2	17.8	-0.91	- 1.4	3.5/19.7	31815
1998 UN ₁₉	2002 06 19.3	17 50.65	-62 31.1	20.3	-1.67	- 3.4	12.0/17.3	14127	1999 VB ₇₀	2002 06 19.6	17 52.03	-36 38.6	19.6	-1.15	- 3.7	5.0/19.2	15647
2001 FL ₈₉	2002 06 19.3	17 50.68	-13 57.5	21.8	-0.85	- 0.2	3.2/19.3	17582	2000 AG ₂₄	2002 06 19.6	17 52.04	-21 32.1	16.5	-1.02	- 6.9	0.8/19.8	31888
2001 FJ ₁₇	2002 06 19.3	17 50.69	+23 26.4	18.4	-0.89	+ 2.5	15.0/14.6	31942	2000 AF ₃₀	2002 06 19.6	17 52.12	-23 41.3	18.5	-0.90	- 0.7	0.1/19.7	13642
2000 XX ₂₇	2002 06 19.3	17 50.72	-40 01.4	18.7	-1.30	+ 0.9	6.6/20.0	11010	1999 VM ₁₆₄	2002 06 19.6	17 52.21	-15 03.9	19.7	-0.93	+ 2.7	2.8/19.3	2687
2000 AQ ₁₅₀	2002 06 19.3	17 50.75	-02 36.8	19.7	-0.76	- 1.9	5.6/19.6	13648	1998 JR ₁	2002 06 19.6	17 52.23	-08 07.0	18.7	-0.99	+ 2.9	6.0/19.0	31816
1999 VE ₉₃	2002 06 19.3	17 50.81	-28 14.3	21.2	-1.00	- 0.1	1.5/19.4	12998	2001 CS ₃₁	2002 06 19.6	17 52.25	-26 25.0	17.7	-1.05	- 7.6	1.0/19.5	12289

2000 AB ₁₉₀	2002 06 19.7	17 52.16	-05 38.2	17.5	-0.91	+ 4.7	7.2/18.3	31893	2001 CZ ₄₅	2002 06 20.0	17 53.72	-32 52.8	19.0	-1.20	- 4.2	3.8/19.7	17549
2000 DX ₁₀₈	2002 06 19.7	17 52.21	-24 17.9	18.1	-0.89	- 1.6	0.3/19.7	31901	1998 HF ₅₁	2002 06 20.0	17 53.74	-27 24.7	17.6	-1.11	- 1.3	1.7/20.0	13564
2000 WD ₆₁	2002 06 19.7	17 52.26	-19 08.1	18.5	-1.08	- 3.1	1.7/20.0	12254	2001 DU ₄₉	2002 06 20.0	17 53.75	-32 09.4	18.5	-1.04	- 1.9	3.1/20.0	12300
2001 DP ₆₄	2002 06 19.7	17 52.30	-03 22.5	19.1	-0.87	- 1.4	7.0/20.0	13815	1998 QO ₁₂	2002 06 20.0	17 53.75	-10 36.7	19.5	-0.88	+ 0.1	4.3/19.9	26885
1999 UC ₃₉	2002 06 19.7	17 52.34	-31 35.5	18.4	-1.23	+ 4.8	3.3/20.0	1517	2000 YH ₁₁₈	2002 06 20.0	17 53.78	-34 07.1	17.6	-1.04	+ 2.4	4.4/20.5	30443
2000 RQ ₃₇	2002 06 19.7	17 52.44	-02 19.0	17.7	-1.25	+12.1	10.2/16.7	31330	1998 UE ₃₄	2002 06 20.0	17 53.80	-18 03.3	18.0	-0.84	+ 2.5	1.7/19.9	31840
2001 FG ₁₀₄	2002 06 19.7	17 52.45	-26 52.6	19.2	-1.00	+ 1.2	1.3/19.8	13840	2000 XF ₂	2002 06 20.1	17 53.87	-23 25.1	17.7	-1.02	+ 1.5	0.0/20.1	9887
1998 SL ₁₁₈	2002 06 19.7	17 52.47	-25 22.6	20.0	-0.88	+ 0.1	0.6/19.8	27611	1999 TZ ₂₇₂	2002 06 20.1	17 53.89	-36 14.0	18.6	-1.17	- 0.6	5.9/20.0	4533
2001 CA ₂₉	2002 06 19.7	17 52.47	-37 57.3	19.0	-1.10	0.0	5.2/20.0	13811	2001 EE ₁₇	2002 06 20.1	17 53.98	-27 36.4	18.9	-1.01	- 6.1	1.3/19.9	13821
2000 AX ₁₈₆	2002 06 19.7	17 52.50	-00 51.4	18.0	-0.89	+ 0.5	9.0/19.3	31893	2001 CV ₄	2002 06 20.1	17 53.98	-22 45.7	18.3	-1.00	- 1.5	0.2/20.1	12284
1996 XL ₁₉	2002 06 19.7	17 52.54	-24 09.4	20.5	-1.07	+ 0.3	0.3/19.8	10310	1997 GE ₃₄	2002 06 20.1	17 53.99	-18 20.3	18.9	-0.89	- 0.7	2.2/20.1	10840
2001 DF	2002 06 19.7	17 52.57	-27 19.7	19.8	-1.02	- 0.9	1.3/19.8	12292	2001 BW ₇₂	2002 06 20.1	17 54.01	+00 21.7	18.8	-0.88	+ 1.5	9.2/19.6	10732
2001 BZ ₅₀	2002 06 19.7	17 52.59	-10 58.3	18.7	-0.93	- 3.7	4.3/20.3	11830	1999 VM ₁₃₂	2002 06 20.1	17 54.04	-22 11.6	19.9	-1.08	- 0.9	0.5/20.1	10510
1999 RJ ₁₀₅	2002 06 19.7	17 52.68	-36 32.8	18.9	-1.22	- 1.4	5.4/19.6	12153	1067 T-2	2002 06 20.1	17 54.05	-23 33.4	18.9	-1.06	+ 0.7	0.0/20.1	13874
2000 AB ₂₃₂	2002 06 19.8	17 52.58	-25 19.3	18.3	-1.06	+ 1.1	0.8/19.8	3500	1998 SM ₁₄	2002 06 20.1	17 54.12	-15 34.7	17.2	-0.91	- 3.9	3.2/20.5	31829
1999 VP ₁₆₅	2002 06 19.8	17 52.58	-37 01.6	19.2	-1.13	- 2.6	5.0/19.5	11670	1999 TP ₂₉₃	2002 06 20.1	17 54.14	-38 20.4	18.0	-1.10	- 1.3	7.9/19.9	9765
2001 ET ₁₀	2002 06 19.8	17 52.59	-21 24.6	19.4	-0.84	- 0.5	0.7/19.8	11943	2000 YA ₁₃	2002 06 20.1	17 54.32	-10 28.4	18.0	-0.92	+ 1.7	4.7/19.9	12260
2001 FQ ₄₉	2002 06 19.8	17 52.64	-00 50.4	19.2	-0.75	+ 1.7	6.6/19.1	13303	1998 QZ ₁₉	2002 06 20.2	17 54.48	-15 26.5	18.8	-0.90	+ 0.6	3.0/20.1	12130
1999 TN ₂₄₂	2002 06 19.8	17 52.65	-16 14.0	19.7	-0.99	- 1.2	2.8/19.8	11603	2001 CP ₃₁	2002 06 20.2	17 54.27	-16 12.7	20.3	-1.01	- 1.2	2.7/20.3	11847
1998 FN ₅₇	2002 06 19.8	17 52.75	-14 15.2	19.1	-1.04	+ 0.8	3.9/19.7	9699	1999 XD ₁₄₁	2002 06 20.2	17 54.27	-08 58.4	20.7	-0.98	+ 2.7	5.3/19.6	2700
2000 YJ ₁₀₅	2002 06 19.8	17 52.77	-26 57.7	18.9	-1.02	- 1.1	1.1/19.8	13802	4352 T-3	2002 06 20.2	17 54.35	-33 50.1	18.6	-1.08	- 2.7	4.0/19.9	13877
2000 YP ₆₃	2002 06 19.8	17 52.78	-21 38.3	19.3	-1.04	- 0.8	0.7/20.0	13801	2001 FH ₁₂₃	2002 06 20.2	17 54.41	-21 09.1	19.0	-0.93	+ 1.0	0.8/20.2	14424
2000 YN ₁₆	2002 06 19.8	17 52.93	-27 58.7	19.4	-1.09	+ 0.5	1.8/20.0	9896	2000 WE ₅₅	2002 06 20.2	17 54.43	-48 24.8	16.2	-1.61	+16.0	12.5/25.0	11001
1999 VY ₁₃₇	2002 06 19.8	17 52.94	-47 19.0	19.7	-1.40	- 6.1	7.5/18.1	1534	2000 DD ₈	2002 06 20.2	17 54.48	-21 07.5	19.6	-0.80	- 0.2	0.7/20.2	26930
1999 RP ₁₄₃	2002 06 19.8	17 52.99	-14 42.8	20.0	-1.02	+ 0.5	3.3/19.7	13606	2000 AC ₁₉₇	2002 06 20.2	17 54.49	-21 36.3	18.1	-0.87	+ 4.2	0.6/20.1	13651
2000 YS ₉	2002 06 19.8	17 53.03	-30 41.3	17.8	-1.10	- 3.6	3.2/19.7	11012	1996 XS ₁₃	2002 06 20.2	17 54.52	-25 23.5	20.4	-1.07	- 0.3	0.7/20.3	12114
1999 XQ ₁	2002 06 19.8	17 53.06	-23 02.3	19.5	-0.99	- 1.3	7.2/31.0	17095	1998 SV ₇₄	2002 06 20.2	17 54.55	-28 10.7	19.3	-0.88	- 1.0	1.4/20.2	27611
1999 VW ₂₀	2002 06 19.8	17 53.09	-19 44.8	18.4	-1.05	+ 4.0	1.4/19.7	13619	1999 RN ₉₁	2002 06 20.2	17 54.56	-19 54.3	19.4	-1.06	- 0.3	1.3/20.2	40362
1998 FK ₁₁₅	2002 06 19.8	17 53.09	-19 46.0	17.0	-1.09	+ 3.2	1.6/19.7	31814	1999 RK ₈₄	2002 06 20.2	17 54.57	-14 01.4	18.5	-0.99	+ 0.9	3.7/20.1	31858
1999 RE ₁₆₉	2002 06 19.9	17 53.05	-30 55.8	20.1	-1.16	+ 1.0	2.9/20.0	12156	1999 RY ₁₇₉	2002 06 20.2	17 54.57	-22 58.1	17.1	-1.08	- 4.1	0.2/20.3	31861
1999 SB ₁₁	2002 06 19.9	17 53.08	-18 50.5	17.7	-1.04	- 2.5	2.2/20.0	31864	2001 BU ₆₉	2002 06 20.2	17 54.60	-39 55.8	18.2	-1.02	- 0.2	5.5/20.4	13808
1998 QL ₈₇	2002 06 19.9	17 53.11	-09 12.5	17.1	-0.86	+ 4.4	6.2/18.9	31822	1213 T-2	2002 06 20.2	17 54.60	-26 54.0	19.5	-1.14	- 0.2	1.7/20.3	9935
2001 AU ₃₇	2002 06 19.9	17 53.12	-28 25.7	18.3	-1.09	- 4.6	1.9/19.7	13804	1999 XX ₁₅₄	2002 06 20.2	17 54.64	-19 14.6	19.0	-1.04	0.0	1.7/20.2	14802
1998 RH ₆₉	2002 06 19.9	17 53.15	-24 43.5	20.3	-0.87	0.0	0.4/19.9	6217	1999 XZ ₇₃	2002 06 20.2	17 54.72	-23 48.1	19.1	-0.93	- 0.7	0.1/20.3	13632
2000 AC ₂₀₁	2002 06 19.9	17 53.23	+06 07.0	20.0	-0.93	- 3.3	9.2/20.5	18227	1999 XX ₁₄₄	2002 06 20.2	17 54.75	-25 09.0	20.4	-1.01	- 1.4	0.6/20.3	1556
1999 VZ ₁₂₃	2002 06 19.9	17 53.39	-19 25.2	19.0	-0.97	0.0	2.0/19.9	15051	2001 FJ ₂	2002 06 20.3	17 54.76	-05 05.5	18.2	-0.81	- 0.1	6.3/20.3	18314
1998 VJ ₃₀	2002 06 19.9	17 53.41	-27 10.1	18.4	-0.88	- 2.4	1.1/19.9	31843	2001 DK ₈₁	2002 06 20.3	17 54.77	-21 40.9	18.2	-0.93	- 2.1	0.6/20.4	13816
1992 UG ₇	2002 06 20.0	17 53.43	-25 25.7	18.4	-1.09	- 0.4	1.0/20.0	40300	2001 CN ₃₈	2002 06 20.3	17 54.79	-37 50.7	19.5	-1.18	- 2.9	5.5/20.0	23618
2000 AK ₁₈₀	2002 06 20.0	17 53.49	-18 25.1	19.2	-0.99	+ 1.8	1.6/19.9	2723	2001 BC ₅₀	2002 06 20.3	17 54.81	-07 08.2	19.9	-0.85	- 1.5	5.2/20.6	13807
1996 EX ₉	2002 06 20.0	17 53.50	-20 12.8	20.8	-0.88	- 0.4	1.0/20.0	11476	2000 AU ₂₄	2002 06 20.3	17 54.85	-24 54.4	20.3	-0.85	+ 0.1	0.4/20.3	17128
1999 VP ₆₉	2002 06 20.0	17 53.53	-26 08.1	17.7	-1.00	- 0.9	1.3/20.0	31876	1999 RY ₁₇₁	2002 06 20.3	17 54.87	-13 13.1	20.0	-1.05	- 1.5	4.5/20.4	11550
1999 WH ₂₀	2002 06 20.0	17 53.54	-01 37.7	19.5	-1.00	+ 7.4	7.7/17.7	2694	2001 FJ ₁₅₄	2002 06 20.3	17 54.97	-27 09.5	16.5	-1.07	+ 6.6	1.7/20.7	16094
2000 DK ₈₇	2002 06 20.0	17 53.54	-23 40.9	19.5	-0.83	- 1.3	0.1/20.0	31901	2001 FR ₁₅₃	2002 06 20.3	17 54.98	-04 07.7	20.1	-0.75	0.0	5.8/20.2	13361
2001 BQ ₁₈	2002 06 20.0	17 53.54	-21 56.6	18.0	-0.99	- 3.1	0.8/20.1	31936	1999 RV ₁₄₇	2002 06 20.3	17 55.00	-25 04.5	17.6	-1.05	+ 3.5	0.9/20.4	9745
1999 RU ₁₈₂	2002 06 20.0	17 53.60	-35 42.9	19.2	-1.25	+ 0.4	5.4/20.1	297	2000 AO ₉₃	2002 06 20.3	17 55.03	-16 24.9	18.4	-1.09	- 2.5	3.2/20.5	11753
1999 YR ₁₇	2002 06 20.0	17 53.63	-43 27.3	18.9	-1.05	- 1.9	5.5/19.6	14385	1999 RO ₈₈	2002 06 20.3	17 55.06	-11 43.4	18.8	-1.05	+ 1.1	4.9/20.1	1453
1999 XJ ₂₂	2002 06 20.0	17 53.64	-16 34.4	18.7	-1.07	+ 1.6	3.0/19.8	7515	1999 VE ₁₃₆	2002 06 20.3	17 55.09	-26 34.6	19.2	-1.03	- 0.6	1.3/20.4	19464
1996 UH ₄	2002 06 20.0	17 53.65	-28 29.5	18.6	-1.24	- 2.0	2.4/19.9	32954	1999 RD ₁	2002 06 20.3	17 55.11	-26 44.4	18.8	-1.17	- 0.8	1.5/20.4	11530
2001 CU ₂₀	2002 06 20.0	17 53.67	-21 05.5	17.2	-1.17	- 7.2	0.8/20.2	31938	2000 AG ₅₉	2002 06 20.3	17 55.15	-15 03.5	18.6	-0.83	- 2.6	2.6/20.6	13104
1991 UY ₃	2002 06 20.0	17 53.69	-18 43.9	18.5	-1.04	+ 1.0	1.8/19.9	38025	1998 SD ₁₁₉	2002 06 20.4	17 55.10	-43 11.1	19.8	-1.04	- 0.9	5.6/20.2	3898
1999 TO	2002 06 20.0	17 53.72	-23 45.5	19.2	-1.08	+ 0.4	0.1/20.1	40375	1999 UD ₂₈	2002 06 20.4	17 55.13	-13 18.5	18.4	-1.04	+ 2.4	5.0/20.0	40387

1999 VP	2002 06 20.4	17 55.15	-32 40.1	17.5	-1.08	+ 0.3	3.7/20.5	12186	2001 DA ₆	2002 06 20.7	17 56.41	-03 34.1	18.4	-0.81	- 3.8	6.5/21.8	12292
1999 TZ ₂₄₂	2002 06 20.4	17 55.16	-13 38.6	18.5	-1.05	- 1.0	4.3/20.4	2671	1999 RS ₁₉₃	2002 06 20.7	17 56.42	-17 49.1	19.4	-1.04	+ 1.0	2.1/20.6	40370
2001 BM ₆₃	2002 06 20.4	17 55.16	-13 02.1	19.2	-0.97	- 0.3	3.9/20.4	14921	1999 XG ₂₀₆	2002 06 20.7	17 56.47	-31 35.6	19.0	-0.92	- 2.4	2.4/20.5	13639
1998 MA ₅	2002 06 20.4	17 55.16	-26 13.2	19.1	-1.00	+ 1.6	1.1/20.5	12127	2001 BX ₇₆	2002 06 20.7	17 56.56	-24 02.7	18.3	-0.87	+ 0.4	0.2/20.8	12282
2000 XH ₄₉	2002 06 20.4	17 55.20	-37 05.9	18.3	-1.20	+ 0.2	5.2/20.6	12260	1999 UA	2002 06 20.7	17 56.57	-20 14.6	18.5	-1.12	+ 2.4	1.4/20.6	40383
1999 TD ₂₁₇	2002 06 20.4	17 55.20	-24 15.5	19.6	-1.07	- 0.7	0.3/20.4	12176	2000 CF ₁₃	2002 06 20.7	17 56.60	-29 41.1	18.3	-0.97	+ 2.7	2.2/21.0	31896
1999 UZ ₅₁	2002 06 20.4	17 55.21	-36 00.3	19.5	-1.12	- 4.2	4.7/19.9	11621	1997 GT ₁	2002 06 20.7	17 56.61	-20 58.3	19.2	-0.98	+ 0.4	1.0/20.7	12117
1999 TO ₁₂₀	2002 06 20.4	17 55.23	-36 00.5	18.9	-1.22	- 0.1	5.5/20.4	12952	1998 FA ₅₄	2002 06 20.7	17 56.67	-22 34.8	17.5	-1.02	+ 1.5	0.4/20.7	31812
1999 XB ₅₆	2002 06 20.4	17 55.47	-26 46.7	18.3	-0.98	- 1.9	1.2/20.4	10936	4039 T-2	2002 06 20.7	17 56.68	-19 39.8	19.4	-1.03	- 0.4	1.4/20.8	18513
1998 FJ ₁₀₉	2002 06 20.4	17 55.47	-35 48.3	18.4	-1.16	+ 1.6	5.9/20.8	10849	1999 TQ ₂₁₅	2002 06 20.7	17 56.71	-21 23.4	19.7	-0.93	- 0.5	0.6/20.8	13615
1999 SZ ₂₇	2002 06 20.4	17 55.52	-07 53.5	18.6	-1.17	+10.8	6.4/18.4	14375	1998 QS ₈₄	2002 06 20.7	17 56.74	-09 28.7	17.7	-0.85	+ 7.5	7.0/19.2	31822
1999 RA ₅₂	2002 06 20.4	17 55.55	-28 04.5	17.6	-1.11	+ 0.4	2.5/20.5	11540	2000 BH ₁₃	2002 06 20.7	17 56.81	-21 28.9	19.7	-0.81	- 0.2	0.5/20.8	40446
1999 VO ₁₄₂	2002 06 20.5	17 55.50	-18 39.6	20.4	-0.95	+ 0.3	1.8/20.5	14151	2001 FO ₄₂	2002 06 20.7	17 56.82	-24 36.8	19.0	-0.86	0.0	0.4/20.8	16093
2001 AS ₂₃	2002 06 20.5	17 55.50	-06 48.2	17.9	-0.92	- 5.1	6.8/21.5	31934	1999 TC ₂₉₁	2002 06 20.7	17 56.83	-08 15.1	20.0	-0.92	0.0	5.4/20.7	12965
1998 RS ₁₄	2002 06 20.5	17 55.57	-36 13.7	19.9	-0.98	- 0.2	3.8/20.5	38786	2001 BB ₂₇	2002 06 20.8	17 56.76	-10 09.6	18.2	-0.92	- 4.5	5.2/21.6	31390
1999 XH ₈₆	2002 06 20.5	17 55.60	-27 40.1	18.1	-1.03	+ 3.0	1.5/20.7	38842	1999 XQ ₁₃₈	2002 06 20.8	17 56.80	-23 24.0	18.8	-0.93	- 1.0	0.0/20.8	31885
2001 AV ₄₄	2002 06 20.5	17 55.66	-20 07.1	20.1	-1.04	- 1.6	1.2/20.6	12271	1992 WV ₁	2002 06 20.8	17 56.80	-26 23.8	19.2	-1.09	- 0.9	1.1/20.8	13536
2000 AR ₂₀₄	2002 06 20.5	17 55.67	-03 04.5	19.6	-0.80	- 0.6	5.7/20.5	2324	1997 PA ₄	2002 06 20.8	17 56.82	-45 16.7	18.4	-1.12	+ 3.1	6.0/21.6	40318
2000 TP ₃₃	2002 06 20.5	17 55.69	-23 45.0	16.1	-1.46	+13.2	0.1/20.6	10991	1999 SM ₁₅	2002 06 20.8	17 56.83	-31 58.3	17.8	-1.13	+ 3.2	4.3/21.1	12161
2000 WH ₁₀₁	2002 06 20.5	17 55.78	-25 45.5	19.5	-1.13	- 0.1	0.9/20.6	12255	2000 YV ₁₁₆	2002 06 20.8	17 56.83	-31 42.1	18.6	-1.16	+ 1.0	3.5/20.9	13802
2000 XW ₃₈	2002 06 20.5	17 55.79	-43 49.3	16.1	-1.59	+13.2	10.9/23.7	11011	1997 HN ₉	2002 06 20.8	17 56.84	-05 42.3	20.0	-0.88	+ 2.9	5.8/20.1	12118
2001 FS ₁₄₂	2002 06 20.5	17 55.80	-38 15.6	19.2	-1.01	+ 3.1	4.8/21.2	17590	1999 RX ₂₀₇	2002 06 20.8	17 56.92	-26 12.3	19.6	-1.10	+ 1.7	1.0/20.9	2656
1999 VW ₅₀	2002 06 20.5	17 55.81	-32 38.0	18.4	-1.04	- 1.9	3.2/20.4	13621	1999 VM ₁	2002 06 20.8	17 56.96	-15 28.7	21.5	-0.92	+ 2.3	2.4/20.6	8458
1999 XR ₁₇₂	2002 06 20.5	17 55.91	-36 02.3	18.7	-0.95	+ 3.0	3.6/21.2	39565	1999 VY ₅₂	2002 06 20.8	17 57.00	-18 25.5	18.6	-0.88	+ 2.1	1.3/20.7	1524
2000 AO ₇₂	2002 06 20.5	17 55.95	-19 47.2	19.4	-0.90	- 2.9	1.2/20.7	13644	1998 JJ ₄	2002 06 20.8	17 57.01	-08 48.4	17.4	-0.98	+ 7.4	7.5/19.2	31816
1999 TP ₁₄₄	2002 06 20.5	17 55.97	-35 20.7	20.0	-1.20	- 0.7	4.7/20.5	12954	2001 DD ₉₉	2002 06 20.8	17 57.04	-26 28.7	19.6	-1.06	- 0.5	1.1/20.9	11918
2001 FC ₃₇	2002 06 20.6	17 55.91	-01 57.6	19.4	-0.85	0.0	7.1/20.6	12001	1999 TR ₂₅₆	2002 06 20.8	17 57.10	-35 04.2	18.4	-1.14	- 0.1	5.2/20.9	10462
2001 BA ₁₁	2002 06 20.6	17 55.93	-06 19.9	18.0	-0.95	+ 4.2	6.7/19.7	9620	1999 UP ₁₈	2002 06 20.8	17 57.14	-39 32.7	20.3	-1.19	- 2.3	5.9/20.5	12969
1999 RN ₂₀₉	2002 06 20.6	17 55.96	-16 11.6	18.9	-0.98	+ 3.8	2.6/20.3	12158	1999 RY ₉₄	2002 06 20.8	17 57.16	-25 43.2	19.0	-1.13	+ 0.1	1.1/20.9	12153
2000 DR ₇	2002 06 20.6	17 55.96	-21 57.7	18.7	-0.85	+ 0.1	0.5/20.6	13163	2001 EY ₂₄	2002 06 20.8	17 57.17	-22 40.0	18.1	-0.89	- 4.4	0.2/20.9	13277
2000 YP ₁₀₅	2002 06 20.6	17 55.97	-42 54.9	17.7	-1.17	- 0.6	7.1/20.5	13802	1995 OC ₄	2002 06 20.8	17 57.17	-27 42.7	18.7	-1.09	+ 1.2	1.9/20.9	10832
1999 RY ₁₄₇	2002 06 20.6	17 55.99	-34 45.9	17.9	-1.24	+ 1.9	4.4/20.9	13606	2001 FR ₁₇₇	2002 06 20.8	17 57.18	+00 01.8	19.7	-0.73	+ 0.7	6.6/20.6	23619
1981 EZ ₁₉	2002 06 20.6	17 55.99	-29 39.8	18.6	-1.04	+ 0.6	2.7/20.7	10823	1999 RN ₃₅	2002 06 20.8	17 57.23	-11 58.5	18.5	-1.03	+ 0.6	5.0/20.7	12150
1999 XA ₁₀₃	2002 06 20.6	17 56.04	-25 07.2	18.8	-0.83	0.0	0.5/20.6	31884	1999 UB ₅	2002 06 20.8	17 57.23	-20 31.4	20.1	-0.99	+ 1.9	1.0/20.8	12181
2001 FL ₁₈₆	2002 06 20.6	17 56.06	-15 31.4	19.2	-0.89	- 0.7	3.0/20.6	27195	1998 RA ₆₅	2002 06 20.9	17 57.19	-20 35.0	18.8	-0.89	+ 0.1	1.0/20.9	13576
2000 RH ₃₇	2002 06 20.6	17 56.10	-66 35.2	18.9	-2.68	- 1.1	20.1/19.3	7107	2000 YO ₁₃₇	2002 06 20.9	17 57.23	-11 57.0	19.4	-1.04	+ 1.2	4.3/20.7	11819
1999 VX ₄₉	2002 06 20.6	17 56.11	-23 43.0	20.3	-0.99	+ 0.4	0.1/20.6	12190	1993 TB ₂₆	2002 06 20.9	17 57.36	-24 39.7	17.8	-0.88	- 0.7	0.4/20.9	38446
2001 BJ ₄₄	2002 06 20.6	17 56.12	-15 46.3	19.3	-0.97	+ 1.5	2.8/20.5	12277	1997 ER ₄₀	2002 06 20.9	17 57.40	+00 34.3	19.0	-0.85	+ 0.3	9.7/20.8	30786
1999 TE ₂₂₀	2002 06 20.6	17 56.17	-18 33.5	18.6	-1.06	+ 3.0	2.1/20.4	1508	1999 RO ₁₃₄	2002 06 20.9	17 57.44	-13 33.4	17.8	-1.04	+ 1.0	4.3/20.8	12154
2001 CE ₂₂	2002 06 20.6	17 56.17	-31 50.4	19.5	-1.17	+ 0.6	3.3/20.8	10769	1998 SN ₂₄	2002 06 20.9	17 57.57	-22 51.0	18.7	-0.94	- 1.3	0.2/21.0	37768
1999 TJ ₂₀₀	2002 06 20.6	17 56.18	-08 17.5	19.0	-0.94	+ 3.2	5.3/19.9	13614	1999 RC ₂₀₉	2002 06 20.9	17 57.60	-24 10.5	18.2	-1.09	+ 2.1	0.3/21.0	40372
2000 YM ₁₂₇	2002 06 20.6	17 56.20	-23 30.4	19.3	-1.01	- 1.7	0.0/20.7	10666	1999 UN ₃₅	2002 06 20.9	17 57.60	-10 58.1	19.3	-0.92	- 1.6	4.2/21.2	12971
1996 XK ₇	2002 06 20.6	17 56.24	-19 58.2	18.7	-1.07	- 0.2	1.3/20.7	13548	2001 CX ₂₀	2002 06 20.9	17 57.61	-39 43.8	18.5	-1.22	- 6.9	5.4/19.7	13810
1999 TT ₅	2002 06 20.6	17 56.36	-17 19.5	18.8	-1.02	+ 1.4	2.3/20.5	13609	2001 FY ₅₄	2002 06 20.9	17 57.64	-40 32.5	19.6	-1.04	- 0.9	5.4/20.8	17579
2001 CH ₂₇	2002 06 20.6	17 56.37	-42 28.8	19.1	-1.21	+ 1.0	6.9/21.1	13811	1999 XH ₁₄₄	2002 06 20.9	17 57.64	-33 58.8	17.9	-1.10	- 3.8	3.5/20.5	13636
1996 XO ₁	2002 06 20.6	17 56.39	-25 42.6	18.0	-1.07	+ 2.0	0.9/20.8	13548	2000 AP ₁₀₇	2002 06 21.0	17 57.59	-11 33.7	18.0	-0.85	- 3.0	3.8/21.4	31891
2001 FC ₁₈₈	2002 06 20.6	17 56.40	-24 10.7	18.1	-1.09	- 6.1	0.3/20.6	23619	1999 TE ₅₉	2002 06 21.0	17 57.59	-16 59.8	20.0	-0.92	+ 0.1	2.4/21.0	19455
1999 VW ₁₉₃	2002 06 20.7	17 56.33	-09 45.0	18.6	-0.91	+ 3.1	5.1/20.2	31879	2001 EM ₆	2002 06 21.0	17 57.62	-00 32.3	19.1	-0.78	- 2.1	7.0/21.7	13819
2000 AW ₁₇₇	2002 06 20.7	17 56.35	-13 19.1	17.6	-0.96	+ 4.0	3.8/20.1	31893	2000 YB ₁₃₃	2002 06 21.0	17 57.68	-08 52.7	17.3	-0.82	- 1.8	5.3/21.3	31933
2000 AQ ₈	2002 06 20.7	17 56.40	-29 22.0	21.4	-1.00	- 0.5	1.9/20.7	12223	2001 FK ₁₀₆	2002 06 21.0	17 57.68	-18 35.7	18.4	-0.92	- 2.1	1.8/21.1	13333
2001 EK ₄	2002 06 20.7	17 56.40	-08 45.9	19.5	-0.80	- 1.5	4.9/21.0	13819	2000 YZ ₄₁	2002 06 21.0	17 57.70	-20 37.3	18.4	-1.10	- 1.9	1.2/21.1	11015

2001 CV ₃₀	2002 06 21.0	17 57.73	-44 00.2	18.3	-1.12	- 0.8	7.2/21.0	13811	1999 WJ ₆	2002 06 21.3	17 58.96	-20 27.1	19.7	-0.96	- 0.5	1.1/21.3	12203
1998 QQ ₃₃	2002 06 21.0	17 57.74	+00 19.0	17.9	-0.78	- 0.2	11.9/20.5	31233	1999 XO ₂₀₀	2002 06 21.3	17 58.98	-32 41.1	18.0	-0.95	+ 1.8	3.1/21.6	11728
2027 T-2	2002 06 21.0	17 57.78	-25 34.3	19.8	-1.07	+ 0.4	0.8/21.1	12343	2001 FF ₁₆₄	2002 06 21.3	17 59.05	-14 03.5	19.1	-0.80	+ 1.6	3.0/21.1	19931
2000 WW ₁₀₆	2002 06 21.0	17 57.79	-18 58.4	16.1	-1.26	+18.9	2.3/20.2	31358	1992 EW ₆	2002 06 21.3	17 59.06	-09 34.5	21.6	-0.91	- 1.9	4.7/21.6	8000
1999 RD ₁₅	2002 06 21.0	17 57.82	-35 06.3	19.3	-1.20	+ 0.5	4.6/21.1	12149	2000 XN ₁₁	2002 06 21.3	17 59.08	-35 32.2	18.1	-1.20	- 5.8	4.5/20.6	13799
1999 XE ₂₅₆	2002 06 21.0	17 57.82	-15 08.9	19.4	-0.89	+ 0.7	2.9/20.9	12222	2000 AD ₂₄₁	2002 06 21.3	17 59.08	-00 48.2	19.0	-0.87	+ 0.2	7.8/21.1	31895
1995 SE ₅₃	2002 06 21.0	17 57.86	-20 19.3	19.1	-1.05	+ 0.2	1.2/21.0	15016	1999 UQ ₂₈	2002 06 21.3	17 59.09	-35 49.2	18.2	-1.18	- 2.1	5.2/21.0	13617
1998 QV ₉₅	2002 06 21.0	17 57.86	-24 32.0	18.2	-1.01	+ 2.0	0.4/21.1	27608	1998 RR ₄₉	2002 06 21.3	17 59.13	-26 01.6	18.5	-0.94	- 0.8	1.0/21.3	30279
2001 CU ₆	2002 06 21.0	17 57.87	-32 51.5	18.8	-1.23	+ 0.3	3.8/21.1	12284	2000 AL ₈₆	2002 06 21.3	17 59.18	-26 20.2	18.5	-0.98	+ 1.4	1.0/21.4	30346
1999 RD ₁₈	2002 06 21.0	17 57.87	-12 36.9	19.2	-1.04	+ 0.1	4.7/21.0	12149	2001 EM ₈	2002 06 21.3	17 59.18	-26 41.6	19.3	-0.99	- 0.8	1.2/21.3	11938
1998 FP ₁₀₈	2002 06 21.0	17 57.88	-19 55.8	17.5	-0.96	+ 4.2	1.8/20.9	31813	1998 PO	2002 06 21.3	17 59.20	-21 55.1	16.9	-0.94	+ 1.4	0.5/21.3	31819
2001 EZ ₁₂	2002 06 21.0	17 57.89	-31 24.8	17.7	-1.16	- 4.5	2.8/20.6	30452	2001 DT ₆₈	2002 06 21.3	17 59.24	-20 27.9	19.2	-1.05	+ 0.1	1.1/21.4	11896
1998 TO ₃₁	2002 06 21.0	17 57.94	-33 17.5	20.1	-0.90	- 0.5	2.7/21.0	27612	2001 CW ₂₇	2002 06 21.3	17 59.25	-43 05.8	19.6	-1.17	+ 0.7	6.7/21.7	12288
2001 DA ₃₅	2002 06 21.0	17 57.98	-27 16.5	19.8	-1.17	+ 0.3	1.6/21.1	13256	1999 TD ₁₈₈	2002 06 21.3	17 59.25	-32 15.6	17.6	-1.10	+ 4.7	3.6/21.9	13614
1999 VA ₃₃	2002 06 21.0	17 58.03	-22 40.5	19.4	-0.88	+ 0.2	0.2/21.1	13620	1999 WZ ₃	2002 06 21.3	17 59.28	-21 31.4	18.3	-0.90	+ 0.2	0.6/21.4	31880
2001 CF	2002 06 21.0	17 58.09	-31 08.1	18.0	-1.13	- 2.5	3.2/20.9	12283	1996 XP ₉	2002 06 21.3	17 59.29	-30 49.3	21.4	-1.15	+ 0.3	2.7/21.4	16745
1999 RU ₁₅₁	2002 06 21.1	17 58.01	-26 48.7	18.3	-1.12	- 0.8	1.6/21.1	10895	1999 TL ₁₈	2002 06 21.3	17 59.29	-32 40.1	17.8	-1.18	- 3.4	4.1/21.0	12163
1999 TP ₁	2002 06 21.1	17 58.01	-21 02.6	19.3	-1.04	+ 0.5	0.9/21.1	12161	1999 RY ₁₅₅	2002 06 21.3	17 59.30	-28 20.3	18.3	-1.19	+ 1.9	2.4/21.5	37299
1999 VY ₂₇	2002 06 21.1	17 58.03	-38 00.4	17.2	-1.25	+ 6.6	6.3/22.2	12188	2001 FC ₄	2002 06 21.4	17 59.26	-08 00.6	18.5	-0.81	- 1.9	5.1/21.8	13823
2001 EP ₁₃	2002 06 21.1	17 58.06	-20 36.2	19.0	-0.89	- 0.8	1.0/21.1	13271	1999 UV ₁₂	2002 06 21.4	17 59.29	-13 28.4	18.6	-1.03	+ 2.1	4.4/21.1	31872
2001 FF ₄₉	2002 06 21.1	17 58.12	-41 43.7	19.3	-1.15	+ 0.3	6.0/21.2	27766	2000 AT ₁₇₅	2002 06 21.4	17 59.29	-10 05.2	18.9	-0.82	+ 0.8	4.3/21.3	30348
1998 VO ₂₉	2002 06 21.1	17 58.14	-25 30.4	19.2	-0.91	+ 0.3	0.6/21.1	31843	2001 EB ₂₆	2002 06 21.4	17 59.33	-20 01.8	20.7	-0.96	0.0	1.2/21.4	19924
2000 AJ ₁₉₁	2002 06 21.1	17 58.18	-09 55.1	17.8	-0.95	+ 3.0	4.9/20.5	31893	1999 TB ₂₄₆	2002 06 21.4	17 59.33	-12 38.0	20.2	-0.88	- 0.2	3.3/21.4	12963
2000 YD ₄₆	2002 06 21.1	17 58.19	-21 10.1	19.9	-1.07	+ 0.3	0.9/21.1	9492	1998 SK ₅	2002 06 21.4	17 59.39	+03 31.2	20.3	-0.75	- 0.5	7.7/21.8	13577
1999 WZ ₁₅	2002 06 21.1	17 58.22	-31 23.3	17.5	-0.98	- 6.4	4.3/20.5	2190	1999 YG ₁₈	2002 06 21.4	17 59.41	+13 30.3	18.5	-0.89	+ 0.1	12.5/20.6	31888
2001 BT ₄₁	2002 06 21.1	17 58.25	+01 59.7	18.7	-0.78	- 0.8	9.1/21.2	31936	2001 BS	2002 06 21.4	17 59.48	-16 20.1	19.6	-0.97	- 4.0	2.4/21.8	13805
2001 FR ₁₂₁	2002 06 21.1	17 58.27	-25 19.9	17.9	-0.93	- 3.7	0.7/21.1	31945	1998 HL ₁₂₆	2002 06 21.4	17 59.49	+03 13.5	18.9	-1.05	+ 5.3	11.2/20.4	31816
2000 WJ ₁₂₂	2002 06 21.1	17 58.29	-26 36.3	19.9	-1.15	- 0.3	1.4/21.2	8280	1999 VY ₇₄	2002 06 21.4	17 59.51	-03 16.6	20.3	-0.89	+ 1.2	6.9/21.2	11650
1999 TT ₁₀₃	2002 06 21.1	17 58.30	-15 57.4	18.0	-1.00	+ 4.0	4.1/20.7	31278	2000 AC ₈₀	2002 06 21.4	17 59.54	-14 14.0	19.9	-0.90	- 1.9	2.9/21.6	13644
2000 AG ₈	2002 06 21.1	17 58.32	-32 39.9	19.5	-1.09	+ 0.8	3.3/21.2	25768	2001 FU ₂₉	2002 06 21.4	17 59.56	-13 30.9	19.9	-0.90	+ 1.8	3.1/21.3	13827
1999 YM ₉	2002 06 21.1	17 58.32	-30 25.1	19.4	-0.97	+ 0.3	2.1/21.2	40427	2001 FA ₃₆	2002 06 21.4	17 59.57	-37 24.1	19.4	-1.09	+ 0.3	4.9/21.5	13828
2000 YS ₇₉	2002 06 21.1	17 58.33	-22 50.6	18.8	-1.08	+ 0.6	0.3/21.2	9523	1999 RN ₁₉₉	2002 06 21.4	17 59.58	-23 18.7	18.5	-1.11	+ 1.9	0.1/21.5	12158
1999 XG ₁₉₄	2002 06 21.1	17 58.36	-34 30.8	19.2	-0.92	+ 0.2	3.1/21.2	20745	2001 FK ₈₁	2002 06 21.4	17 59.63	-21 52.8	18.5	-0.87	+ 2.4	0.5/21.4	13323
2000 BT	2002 06 21.1	17 58.44	-23 25.3	19.1	-0.82	+ 1.8	0.0/21.2	19492	1999 XX ₂₅₆	2002 06 21.4	17 59.67	-39 10.2	18.1	-1.15	- 4.7	6.8/20.5	17119
1999 UB ₄₄	2002 06 21.1	17 58.44	-24 38.9	18.5	-0.96	+ 1.2	0.4/21.2	12185	1998 FW ₄₅	2002 06 21.4	17 59.74	-19 50.1	18.0	-1.14	- 1.4	1.6/21.5	12120
1998 KH ₆₅	2002 06 21.2	17 58.42	-18 42.0	18.1	-0.94	- 0.6	2.3/21.2	16831	1996 RX ₁₂	2002 06 21.5	17 59.65	-22 03.5	20.2	-1.13	- 0.1	0.6/21.5	19274
2000 CD ₁₀₄	2002 06 21.2	17 58.44	-11 58.5	18.8	-0.63	- 0.2	2.6/21.2	40459	2001 FZ ₂₉	2002 06 21.5	17 59.66	-21 22.3	17.5	-0.86	+ 4.6	0.8/21.4	31942
1999 TJ ₂₁₇	2002 06 21.2	17 58.59	-29 40.2	20.5	-1.09	+ 0.1	2.1/21.2	1178	1999 TR ₉₆	2002 06 21.5	17 59.78	-16 44.6	17.8	-1.00	- 3.8	3.5/21.8	12170
1998 TE ₁₈	2002 06 21.2	17 58.61	-06 18.6	19.7	-0.78	+ 2.4	4.8/20.6	31838	2001 FC ₁₉₁	2002 06 21.5	17 59.78	-17 47.1	18.2	-0.93	- 2.3	2.2/21.7	31946
1999 VC ₈₈	2002 06 21.2	17 58.65	-35 18.3	18.9	-1.10	- 4.0	4.1/20.7	1528	2000 BO ₁₅	2002 06 21.5	17 59.83	-32 26.0	17.5	-1.00	- 4.3	3.0/21.0	14393
1999 XT ₂₁₆	2002 06 21.2	17 58.75	-20 59.9	19.9	-0.83	- 1.4	0.7/21.3	14173	1999 TW ₁₉₄	2002 06 21.5	17 59.91	-31 24.7	19.4	-1.18	- 1.1	3.7/21.4	14791
2000 YB ₂₂	2002 06 21.2	17 58.84	-26 54.1	18.1	-1.05	- 1.7	1.3/21.2	12261	2001 DC ₈₀	2002 06 21.5	17 59.91	+02 02.5	18.6	-0.78	+ 0.3	9.0/21.6	31941
1998 WC ₃₃	2002 06 21.2	17 58.86	-30 05.3	18.1	-0.95	- 3.6	2.1/21.0	23464	1994 CA ₁₆	2002 06 21.5	17 59.94	-39 27.3	16.9	-1.09	+ 1.7	8.3/22.0	23425
2001 GK ₁	2002 06 21.2	17 58.87	-16 31.7	17.0	-0.98	- 7.9	2.9/21.9	14427	2001 AJ ₁₇	2002 06 21.5	17 59.95	-26 00.1	18.6	-1.00	+ 1.2	0.9/21.6	12269
2000 YC ₁₀₀	2002 06 21.2	17 58.90	-19 53.8	18.6	-1.12	- 3.2	1.5/21.4	11019	1999 XX ₁₇₅	2002 06 21.5	17 59.95	-33 38.5	17.2	-1.07	- 3.4	4.0/21.1	31886
1999 XH ₁₃₂	2002 06 21.2	17 58.91	-32 36.1	17.8	-1.14	- 4.8	3.5/20.7	13635	2000 CL ₃₅	2002 06 21.5	18 00.02	-16 09.4	19.2	-0.76	- 0.5	2.1/21.6	31897
2000 YJ ₆	2002 06 21.3	17 58.84	-28 51.0	17.2	-1.18	- 1.6	2.4/21.2	23616	1999 RF ₆₇	2002 06 21.5	18 00.14	-28 23.6	18.5	-1.05	+ 0.8	2.6/21.6	17030
2001 BM ₂₃	2002 06 21.3	17 58.87	-22 25.5	19.3	-1.09	- 0.4	0.5/21.3	10696	1999 RB ₈₂	2002 06 21.6	18 00.13	-26 08.3	18.0	-1.02	+ 3.7	1.4/21.7	8090
2001 FH ₁₄₆	2002 06 21.3	17 58.88	-33 41.4	19.2	-0.94	+ 1.9	3.4/21.6	13356	2001 DW ₂₇	2002 06 21.6	18 00.14	-21 47.9	19.0	-0.95	- 1.1	0.6/21.6	11872
1999 XJ ₁₆₁	2002 06 21.3	17 58.92	-39 48.6	17.1	-1.19	+ 2.9	6.6/21.8	25767	2000 AG ₃₅	2002 06 21.6	18 00.16	-22 51.0	17.8	-0.88	- 2.7	0.2/21.6	13642
1999 TF ₁₇₅	2002 06 21.3	17 58.93	-23 00.4	19.7	-1.01	+ 0.8	0.2/21.3	12174	2001 FP ₈₉	2002 06 21.6	18 00.18	-25 40.3	19.6	-0.84	- 0.3	0.7/21.6	17582

1994 RF ₆	2002 06 21.6	18 00.22	-17 11.9	20.4	-0.90	+ 0.3	2.1/21.6	27581	1995 SK ₄₈	2002 06 21.9	18 01.41	-32 04.1	18.1	-1.11	- 1.1	3.5/21.8	15015
1999 US ₄₂	2002 06 21.6	18 00.24	-16 29.7	19.6	-0.93	+ 2.6	2.3/21.4	13617	2000 AK ₁₄₉	2002 06 21.9	18 01.43	-12 59.0	17.9	-0.84	- 3.8	3.4/22.5	31892
1999 TU ₃₀	2002 06 21.6	18 00.24	-26 05.7	19.6	-1.09	+ 0.2	1.0/21.6	12164	2000 YS ₁₁₁	2002 06 21.9	18 01.45	-26 21.9	19.1	-1.10	- 1.0	1.1/21.9	11020
1999 XM ₂₃₆	2002 06 21.6	18 00.32	-33 13.4	16.9	-1.08	+ 5.7	4.3/22.3	12221	2001 DT ₉₁	2002 06 21.9	18 01.45	-11 08.2	16.8	-0.88	+ 5.2	5.5/21.1	31941
1999 XY ₂₂₇	2002 06 21.6	18 00.33	-27 50.4	19.1	-0.87	+ 1.2	1.3/21.7	13639	9056 P-L	2002 06 21.9	18 01.46	-35 40.9	17.9	-1.18	0.0	6.4/21.8	11064
1999 UW ₃₅	2002 06 21.6	18 00.36	-37 32.9	18.8	-1.18	- 0.3	7.0/21.6	2677	1999 XX ₈₂	2002 06 21.9	18 01.48	-20 34.5	18.3	-0.84	+ 1.7	0.8/21.9	13632
1998 HQ ₅₄	2002 06 21.6	18 00.36	-31 40.2	19.0	-1.14	+ 1.2	3.7/21.8	27602	1998 SR ₁₂₇	2002 06 21.9	18 01.50	-07 55.4	18.2	-0.78	- 0.4	4.7/22.0	31835
1999 WA ₁₅₈	2002 06 21.6	18 00.42	-24 45.5	17.6	-0.94	- 1.6	0.7/21.6	2694	1997 LA ₆	2002 06 21.9	18 01.51	-17 58.0	18.6	-0.95	- 4.4	1.8/22.2	14353
2000 AR ₄₅	2002 06 21.6	18 00.43	-19 33.5	16.8	-0.98	- 7.8	1.6/22.0	31889	2000 DU ₅₆	2002 06 21.9	18 01.55	-19 42.5	18.9	-0.82	- 0.3	1.1/22.0	23515
1998 RE ₇₁	2002 06 21.6	18 00.43	-17 46.2	19.1	-0.81	- 0.8	1.6/21.7	10866	1999 XH ₃₆	2002 06 21.9	18 01.56	-29 38.9	17.9	-0.95	- 2.6	2.0/21.7	31882
1999 TY ₉₈	2002 06 21.6	18 00.44	-07 49.8	18.1	-0.89	- 0.5	8.6/21.6	31278	2001 CF ₂	2002 06 21.9	18 01.57	-27 22.0	19.0	-0.99	- 1.0	1.4/21.9	13809
1999 XA ₁₂₅	2002 06 21.6	18 00.45	-22 39.0	19.4	-0.97	+ 3.6	0.3/21.6	18220	1999 VR ₂₅	2002 06 21.9	18 01.58	-15 25.7	19.0	-1.00	- 0.7	3.2/22.0	12188
1993 SQ ₅	2002 06 21.6	18 00.52	-29 48.0	17.9	-1.20	+ 0.1	3.0/21.7	9674	1999 VC ₂₂	2002 06 21.9	18 01.64	-19 27.9	19.1	-1.03	- 0.7	1.5/22.0	12188
1999 RL ₃₄	2002 06 21.6	18 00.55	-05 52.6	18.1	-0.88	+ 0.3	5.8/21.7	13605	2001 FV ₁₇₇	2002 06 21.9	18 01.76	-10 15.6	18.5	-0.81	+ 1.9	4.5/21.6	31946
1999 XV ₃₇	2002 06 21.6	18 00.55	-32 55.5	20.0	-1.11	+ 1.8	3.2/21.9	38138	1999 WL ₁₁	2002 06 21.9	18 01.78	-39 19.0	17.0	-1.22	- 5.6	6.6/20.8	13627
1999 RO ₁₁₀	2002 06 21.6	18 00.58	-35 20.5	18.1	-1.12	+ 3.5	4.5/22.2	13606	1998 QB ₃	2002 06 21.9	18 01.79	+19 47.1	18.5	-0.89	- 6.3	16.2/26.6	31819
1999 RP ₂₄	2002 06 21.7	18 00.49	-23 10.0	18.1	-1.07	- 0.3	0.1/21.7	10889	2001 BY ₆₃	2002 06 21.9	18 01.81	-01 49.8	18.4	-0.87	- 2.6	8.3/22.9	13808
2001 FR ₁₇₆	2002 06 21.7	18 00.49	-16 21.8	18.5	-0.83	- 3.6	2.3/22.0	18315	2001 BW ₆₃	2002 06 22.0	18 01.73	-31 28.5	18.6	-1.15	+ 1.6	3.2/22.1	12280
1999 XK ₂₀₆	2002 06 21.7	18 00.53	-36 55.8	18.6	-0.98	- 1.7	4.2/21.4	27656	1998 FX ₇₉	2002 06 22.0	18 01.78	-22 37.5	18.2	-1.10	- 1.4	0.3/22.0	9701
1998 HW ₁₂₀	2002 06 21.7	18 00.54	-18 11.8	18.6	-1.05	- 4.0	2.2/22.0	31816	2000 AO ₅₁	2002 06 22.0	18 01.81	-26 09.4	18.3	-1.08	+ 2.0	1.1/22.1	696
2000 AV ₁₆₆	2002 06 21.7	18 00.61	-14 38.8	18.7	-0.88	+ 3.1	3.0/21.4	12230	1988 RO ₁₂	2002 06 22.0	18 01.86	-23 15.3	19.0	-0.70	- 0.1	0.0/22.0	13532
1995 SS ₄₈	2002 06 21.7	18 00.61	-26 30.5	19.2	-1.13	- 1.3	1.4/21.7	15015	1998 XW ₂₇	2002 06 22.0	18 01.86	-37 15.2	19.4	-0.95	+ 0.3	4.1/22.0	16881
1997 AL ₃	2002 06 21.7	18 00.62	-14 55.8	17.2	-0.93	- 7.9	4.2/22.6	31808	2000 YZ ₅₃	2002 06 22.0	18 01.90	-19 54.5	20.3	-1.01	- 2.8	1.3/22.2	17512
1999 VD ₁₈₆	2002 06 21.7	18 00.66	-24 33.0	18.1	-0.97	- 1.3	0.4/21.7	12200	2001 BO ₆₇	2002 06 22.0	18 01.94	-35 50.1	20.0	-1.07	+ 1.0	4.3/22.2	12281
1999 TU ₁₈₀	2002 06 21.7	18 00.75	-20 26.8	17.5	-0.95	- 2.5	1.5/21.8	31869	1999 VH ₁₅₇	2002 06 22.0	18 01.94	-23 52.6	20.0	-1.11	+ 0.4	0.2/22.0	2687
2000 WQ ₁₃₇	2002 06 21.7	18 00.77	-28 35.1	19.0	-1.12	- 1.4	2.0/21.7	11004	1999 XA ₁₉₄	2002 06 22.0	18 01.97	-32 08.2	18.9	-1.04	- 0.9	3.2/21.9	16044
2000 AV ₁₆₂	2002 06 21.7	18 00.81	-28 46.3	19.2	-1.06	- 3.8	1.8/21.5	13649	2000 DC ₄₇	2002 06 22.0	18 02.05	-21 55.8	18.5	-0.85	- 0.1	0.5/22.1	2750
2000 BY ₁₃	2002 06 21.7	18 00.88	-19 54.2	19.2	-0.88	- 2.8	1.1/21.9	19494	1999 VP ₁₆₁	2002 06 22.0	18 02.13	-26 45.6	19.9	-1.12	0.0	1.4/22.1	15052
1995 WH ₄₀	2002 06 21.7	18 00.88	-29 05.1	19.8	-1.05	- 4.0	2.0/21.5	10833	1999 RR ₂₂	2002 06 22.0	18 02.20	+15 15.5	20.6	-0.99	+ 1.5	15.6/19.5	14136
1998 QS ₈₀	2002 06 21.7	18 00.92	-12 46.6	19.4	-0.93	+ 3.5	3.5/21.3	8048	2000 YW ₁₂₆	2002 06 22.0	18 02.22	-25 26.7	19.2	-1.09	- 2.7	0.8/22.0	12266
2001 FR ₈₇	2002 06 21.7	18 00.92	-26 03.7	19.1	-0.95	- 1.6	0.9/21.7	13325	1998 VM ₂₂	2002 06 22.0	18 02.24	-18 30.2	17.9	-1.00	+ 2.5	2.0/21.9	7473
2001 FN ₁₈	2002 06 21.7	18 00.92	-09 12.9	19.6	-0.81	+ 1.0	4.5/21.6	14421	2000 WT ₁₅₀	2002 06 22.1	18 02.15	-36 24.5	17.4	-1.58	+11.4	6.6/23.5	11005
1998 VM ₃₆	2002 06 21.8	18 00.90	-16 23.6	18.8	-0.83	+ 2.5	2.3/21.6	31249	2001 FT ₉₉	2002 06 22.1	18 02.18	-32 37.3	18.4	-1.14	- 4.2	3.4/21.6	13332
1998 SG ₁₂₄	2002 06 21.8	18 00.93	-44 17.7	20.0	-1.02	- 1.1	5.4/21.4	31835	4783 P-L	2002 06 22.1	18 02.19	-20 52.4	18.4	-1.02	+ 0.1	1.1/22.1	15122
1978 VO ₂	2002 06 21.8	18 00.93	-18 39.0	18.2	-0.95	+ 1.9	1.7/21.7	31800	2001 FR ₁₇₅	2002 06 22.1	18 02.21	-22 54.7	18.0	-0.89	- 3.5	0.2/22.1	31946
2000 QH ₂₅	2002 06 21.8	18 01.07	-68 05.0	17.8	-2.82	+ 1.1	21.8/23.6	31911	2000 WV ₈₈	2002 06 22.1	18 02.22	-27 55.1	19.1	-1.11	- 1.7	1.7/22.0	12255
1999 TO ₁₂₁	2002 06 21.8	18 01.07	-21 02.5	19.7	-1.07	- 0.7	0.9/21.9	12953	2001 CZ	2002 06 22.1	18 02.26	-24 31.3	19.1	-1.10	- 0.7	0.4/22.1	12283
2000 YD ₆₈	2002 06 21.8	18 01.09	+03 08.5	19.1	-0.99	- 5.5	9.4/23.7	12263	1999 VF ₁₉₃	2002 06 22.1	18 02.30	-27 21.8	18.4	-1.10	- 4.3	1.8/21.9	2690
2000 WQ ₁₇₈	2002 06 21.8	18 01.09	-24 18.4	18.7	-1.10	- 1.3	0.3/21.8	12257	1999 RE ₇₂	2002 06 22.1	18 02.31	-12 45.6	18.7	-1.04	- 2.5	5.1/22.4	12932
2001 BO ₆₄	2002 06 21.8	18 01.11	-32 50.8	17.4	-1.06	+ 1.2	3.6/22.0	13808	1998 RE ₂₄	2002 06 22.1	18 02.32	-29 31.2	19.1	-0.98	- 0.1	2.1/22.1	27609
2000 WG ₁₃	2002 06 21.8	18 01.13	+03 24.8	20.6	-1.23	+10.5	13.0/18.4	8243	1999 VJ ₂₀₈	2002 06 22.1	18 02.50	-18 46.6	19.6	-0.94	- 0.1	1.7/22.2	16043
2001 BA ₂₆	2002 06 21.8	18 01.14	-19 34.2	19.2	-1.05	- 0.1	1.5/21.9	12274	2000 EZ ₁₁₇	2002 06 22.1	18 02.58	-55 09.8	19.9	-1.29	- 0.3	8.5/21.6	31904
1999 TN ₃₂	2002 06 21.8	18 01.21	-32 23.2	18.7	-1.20	- 1.0	3.7/21.7	12164	1998 FZ ₅₇	2002 06 22.2	18 02.56	-26 21.0	19.5	-1.15	+ 0.3	1.2/22.2	12120
1998 BY ₂₅	2002 06 21.8	18 01.37	-23 03.6	16.8	-1.12	- 4.6	0.2/21.9	31810	1999 XV ₁₀₅	2002 06 22.2	18 02.59	-15 43.0	18.0	-1.01	+ 5.4	2.8/21.7	1553
2000 YR ₁₅	2002 06 21.8	18 01.37	-46 31.8	20.9	-1.48	+ 7.6	7.7/24.2	11013	2001 CQ ₄₄	2002 06 22.2	18 02.60	-38 15.7	19.6	-1.18	- 2.5	5.2/21.8	13812
2000 AU ₁₉₉	2002 06 21.8	18 01.39	-26 40.2	17.7	-1.09	- 6.8	1.1/21.6	13651	2090 T-1	2002 06 22.2	18 02.61	-11 33.1	20.8	-0.93	- 0.3	3.9/22.4	11065
1998 QU ₃₆	2002 06 21.9	18 01.36	-08 17.3	17.5	-0.85	+ 0.2	6.1/21.9	31820	1998 EJ ₁₁	2002 06 22.2	18 02.62	-19 00.8	17.5	-1.05	- 4.2	2.1/22.4	10845
1999 XC ₈₅	2002 06 21.9	18 01.36	-16 08.2	17.8	-0.84	- 3.1	2.3/22.2	13632	1999 RX ₅₄	2002 06 22.2	18 02.62	-25 13.0	17.4	-1.02	+ 2.6	1.0/22.3	8088
2001 DZ ₂₀	2002 06 21.9	18 01.39	-38 37.9	17.2	-1.00	- 2.3	6.0/21.4	31939	1996 XK ₅	2002 06 22.2	18 02.64	-27 39.1	18.0	-1.13	+ 4.4	1.6/22.4	10836
1999 VW ₁₄	2002 06 21.9	18 01.39	-34 31.8	20.1	-1.18	+ 0.2	4.4/21.9	10484	1999 VL ₁₆₆	2002 06 22.2	18 02.65	-28 11.4	21.8	-1.01	- 0.4	1.6/22.2	8462
1998 FK ₁₁	2002 06 21.9	18 01.40	-16 46.1	18.6	-1.06	- 3.1	2.8/22.2	12120	2000 CA ₆₁	2002 06 22.2	18 02.70	-09 54.8	19.8	-0.79	+ 0.7	4.0/22.1	31898

2001 FO ₉₇	2002 06 22.2	18 02.76	-23 23.6	17.3	-0.89	-	3.5	0.0/22.2	31944	2001 CW ₄	2002 06 22.6	18 04.24	-29 52.4	19.0	-1.19	-	1.4	2.6/22.5	12284
1998 SZ ₁₃₇	2002 06 22.2	18 02.79	-39 56.9	19.0	-1.01	-	1.3	4.9/21.8	13581	2001 EW ₁₈	2002 06 22.6	18 04.25	-17 23.4	18.9	-0.95	+	0.3	2.2/22.6	13274
1995 UE ₁₂	2002 06 22.2	18 02.79	-27 25.0	20.5	-1.04	-	0.1	1.4/22.2	15018	2000 AA ₁₆₄	2002 06 22.6	18 04.29	-19 42.9	18.9	-0.87	+	2.1	1.2/22.5	17138
1999 XH ₁₆₄	2002 06 22.2	18 02.85	-22 10.7	18.1	-0.96	-	2.9	0.4/22.3	16044	1999 TA ₁₂₁	2002 06 22.6	18 04.30	-27 04.3	21.5	-1.11	-	0.4	1.4/22.6	14140
2000 WU ₉	2002 06 22.2	18 02.92	-28 43.5	19.8	-1.14	-	1.7	2.2/22.2	9867	2001 BP ₂₇	2002 06 22.6	18 04.33	-17 40.3	19.0	-1.02	-	2.5	2.3/22.8	12274
2001 DH ₉₂	2002 06 22.2	18 03.01	-01 20.5	17.0	-0.76	+	2.2	8.9/21.7	31941	1999 RE ₁₈₄	2002 06 22.6	18 04.35	-09 42.6	18.8	-1.01	-	2.0	6.4/22.9	31861
2001 FJ ₁	2002 06 22.2	18 03.02	+06 08.7	20.9	-0.94	+	0.4	9.1/22.2	13822	2000 DF ₂₉	2002 06 22.6	18 04.42	-16 26.9	17.4	-0.82	-	1.0	2.3/22.7	13658
2000 YA ₁	2002 06 22.3	18 03.19	-23 16.5	18.6	-1.08	+	0.4	0.1/22.3	9893	1999 FR ₈	2002 06 22.6	18 04.46	+21 41.2	19.8	-1.01	+	0.1	22.7/23.7	31252
2001 CJ ₁₁	2002 06 22.3	18 03.31	-24 09.7	20.9	-1.10	-	0.9	0.3/22.4	17543	1997 AG ₇	2002 06 22.6	18 04.50	-19 17.0	20.5	-1.01	+	0.1	1.4/22.7	12854
1999 TP ₁₇₂	2002 06 22.3	18 03.34	-20 21.7	18.7	-1.16	-	0.0	1.3/22.4	1500	1998 HX ₁₀₂	2002 06 22.6	18 04.54	-26 00.3	17.7	-1.02	-	2.4	1.2/22.6	10853
1999 TZ ₆₆	2002 06 22.3	18 03.38	-05 48.0	19.6	-0.91	+	2.2	6.7/22.0	15050	2001 BR ₄₃	2002 06 22.6	18 04.54	-31 52.9	17.0	-1.08	+	5.4	3.6/23.2	13807
2000 DV ₄₂	2002 06 22.3	18 03.40	-58 52.1	18.2	-1.46	+	1.4	10.1/22.3	712	1998 HS ₁₃₂	2002 06 22.6	18 04.57	-25 38.7	18.6	-1.14	-	1.8	0.9/22.6	10324
1999 XZ ₈₈	2002 06 22.3	18 03.43	-23 17.9	18.5	-0.98	+	2.6	0.1/22.4	25015	2001 DX ₉	2002 06 22.6	18 04.59	-23 59.5	19.1	-1.12	-	2.9	0.2/22.6	12293
1993 FM ₁₇	2002 06 22.3	18 03.45	-20 24.5	17.7	-0.98	-	1.7	1.2/22.5	11464	2000 YP	2002 06 22.6	18 04.60	-51 56.6	19.6	-1.59	-	6.6	9.7/20.7	9893
2001 FG ₁₉	2002 06 22.4	18 03.43	+10 31.1	18.0	-0.75	+	2.0	11.7/21.1	31942	2001 DC ₁₀₃	2002 06 22.6	18 04.65	-14 54.4	17.5	-0.89	-	4.4	3.5/23.2	31404
2001 DC ₁₆	2002 06 22.4	18 03.45	-30 38.2	18.6	-1.24	-	3.6	3.3/22.1	17552	1998 FP ₅₃	2002 06 22.6	18 04.68	-13 22.3	19.2	-1.07	+	0.4	3.8/22.7	12120
2000 WY ₂₄	2002 06 22.4	18 03.48	-26 33.3	18.6	-1.17	-	2.2	1.3/22.3	10642	1999 XX ₁₇₆	2002 06 22.6	18 04.71	-47 08.3	19.5	-1.34	+	5.3	6.8/24.0	31313
2001 FM ₁₀₀	2002 06 22.4	18 03.49	-36 31.6	17.8	-1.14	+	4.6	5.3/23.1	12068	1999 RA ₁₁₁	2002 06 22.6	18 04.77	-67 47.6	18.9	-2.14	-	0.0	15.1/22.9	13606
2001 CK ₃₀	2002 06 22.4	18 03.57	-22 30.5	18.6	-0.96	-	0.6	0.4/22.4	13250	2000 WO ₅₅	2002 06 22.7	18 04.65	-21 25.8	17.9	-1.03	-	4.7	0.8/22.8	12254
1999 XL ₁₂	2002 06 22.4	18 03.59	-17 45.4	18.6	-0.99	-	0.7	2.0/22.5	1547	1999 TR ₆₄	2002 06 22.7	18 04.72	-27 02.7	21.4	-1.07	-	0.0	1.3/22.7	12949
1998 QS ₃₀	2002 06 22.4	18 03.60	-02 10.2	19.2	-0.87	-	0.5	8.0/22.4	33347	1999 VN ₈₂	2002 06 22.7	18 04.76	-05 58.4	19.6	-0.90	+	1.6	6.1/22.5	11652
2001 CP ₂₆	2002 06 22.4	18 03.61	-08 46.8	18.1	-0.82	-	1.7	5.0/22.8	31938	1999 XS ₆₆	2002 06 22.7	18 04.78	-21 55.8	19.7	-0.95	+	0.9	0.5/22.7	12210
1995 WM ₃₁	2002 06 22.4	18 03.64	-19 27.0	18.9	-0.93	+	0.2	1.6/22.4	15577	2000 AF ₁₁₆	2002 06 22.7	18 04.79	-14 56.7	19.5	-0.80	-	0.7	2.5/22.9	30347
1999 XL ₇₃	2002 06 22.4	18 03.64	-20 20.2	18.7	-0.93	+	1.2	1.1/22.4	11702	1998 TC ₂	2002 06 22.7	18 04.81	-29 31.9	19.3	-0.86	+	0.1	1.7/22.7	40342
2001 FV ₈₂	2002 06 22.4	18 03.67	+02 11.1	18.3	-0.76	+	2.7	9.1/21.4	31409	1999 TB ₉₃	2002 06 22.7	18 04.82	-21 53.7	17.3	-1.00	-	6.1	0.8/22.9	31866
1999 TB ₁₆₈	2002 06 22.4	18 03.79	-19 51.6	19.1	-0.99	+	1.1	1.3/22.5	12174	2000 WK ₁₅₃	2002 06 22.7	18 04.87	-23 17.3	18.5	-1.11	-	2.4	0.1/22.7	27167
2001 CU ₁₉	2002 06 22.4	18 03.80	-25 29.6	17.3	-0.91	-	4.2	0.7/22.4	13810	1999 VP ₆₀	2002 06 22.7	18 04.93	-20 59.3	17.4	-0.96	-	0.4	1.2/22.8	10925
2001 CQ ₂₈	2002 06 22.4	18 03.84	-24 08.8	19.9	-1.10	-	2.3	0.3/22.5	11845	2001 BH ₆₅	2002 06 22.7	18 04.96	-02 31.4	19.8	-0.90	-	1.5	7.7/23.4	15094
2001 FF ₁₇₆	2002 06 22.4	18 03.88	-29 00.7	18.1	-0.93	-	3.0	2.0/22.2	31946	1999 RA ₁₉₆	2002 06 22.7	18 04.99	-25 09.8	16.6	-1.04	+	5.4	0.9/22.9	9748
1997 GG ₂₀	2002 06 22.4	18 03.89	-37 14.2	18.9	-1.13	-	0.8	5.2/22.2	13552	2001 AZ ₃₉	2002 06 22.7	18 05.00	-29 56.0	18.9	-1.13	+	0.4	2.5/22.8	11027
1998 QX ₁₅	2002 06 22.5	18 03.83	-22 43.6	18.4	-1.03	+	3.6	0.3/22.5	13569	2000 AK ₁₇₆	2002 06 22.7	18 05.01	-13 43.6	20.8	-0.86	+	0.5	3.0/22.8	2315
1999 SS ₁₆	2002 06 22.5	18 03.85	-08 40.6	18.0	-0.94	+	2.2	5.4/22.2	31864	1994 PG ₃₁	2002 06 22.7	18 05.04	-21 57.1	17.9	-0.90	+	3.0	0.7/22.7	38032
2001 FJ ₃₃	2002 06 22.5	18 03.90	-00 39.0	18.9	-0.89	-	2.4	9.0/23.4	31943	2001 CU ₂₁	2002 06 22.8	18 05.06	-21 35.0	17.6	-1.02	-	4.7	0.9/22.9	31938
2000 AL ₂₉	2002 06 22.5	18 03.91	-25 46.1	18.8	-0.87	-	0.2	0.7/22.5	30345	1999 RF ₂₂₁	2002 06 22.8	18 05.07	-16 28.8	17.1	-1.00	-	4.1	3.3/23.2	31862
1999 XC ₁₁	2002 06 22.5	18 03.91	-32 00.1	20.0	-1.08	-	0.7	2.9/22.4	1546	2001 ES ₃	2002 06 22.8	18 05.08	-09 05.4	19.9	-1.01	-	1.5	5.4/23.1	13269
2001 FT ₉₆	2002 06 22.5	18 03.93	-22 42.7	20.2	-0.96	-	1.5	0.2/22.5	12065	2001 DT ₉₉	2002 06 22.8	18 05.08	-20 49.8	19.8	-0.93	+	1.6	0.8/22.8	16092
1998 RU ₇₁	2002 06 22.5	18 03.99	-26 35.2	19.2	-0.93	-	0.6	1.0/22.5	31827	1999 UG ₃₅	2002 06 22.8	18 05.11	-21 20.7	20.0	-1.06	-	0.0	0.8/22.8	12184
2001 FN ₇₃	2002 06 22.5	18 04.02	-07 32.6	18.8	-0.79	-	0.8	5.1/22.8	30454	1999 RP ₂₃	2002 06 22.8	18 05.19	-32 11.1	19.9	-1.19	-	1.0	3.4/22.6	12149
1999 NH ₆₄	2002 06 22.5	18 04.06	-13 45.4	18.6	-1.05	+	1.9	4.3/22.3	36547	1998 MA ₄₇	2002 06 22.8	18 05.22	-22 28.2	18.1	-1.00	-	1.0	0.4/22.8	31818
1998 QT ₂	2002 06 22.5	18 04.07	-65 10.4	18.1	-1.95	+	8.0	18.3/28.2	13569	1994 TP ₁₀	2002 06 22.8	18 05.22	+01 02.6	18.1	-0.74	+	3.4	12.4/21.7	31805
1998 SE ₁₆₁	2002 06 22.5	18 04.09	-12 39.2	18.6	-0.81	+	1.6	3.3/22.4	31837	1994 AC ₇	2002 06 22.8	18 05.23	-18 35.6	19.3	-0.83	-	2.0	1.5/23.0	20677
1993 FQ ₂₀	2002 06 22.5	18 04.10	-19 02.3	18.6	-0.97	-	0.9	1.5/22.6	13537	1999 TO ₁₂₄	2002 06 22.8	18 05.32	-37 04.0	18.2	-1.19	+	3.2	6.0/23.4	10441
1999 XJ ₉₂	2002 06 22.5	18 04.12	-21 14.4	19.9	-0.83	+	0.3	0.6/22.6	19467	2000 AF ₁₂₄	2002 06 22.8	18 05.38	-27 13.3	18.2	-0.93	+	2.4	1.3/22.9	15056
2001 FM ₃₇	2002 06 22.5	18 04.15	-43 33.0	19.7	-1.24	-	0.0	6.9/22.4	13828	1999 VH ₁₂₂	2002 06 22.8	18 05.42	-25 39.1	19.0	-0.97	-	1.9	0.8/22.8	13624
1999 WW ₂	2002 06 22.5	18 04.18	-24 39.7	18.1	-1.09	-	2.0	0.5/22.5	15052	2001 EH ₁₇	2002 06 22.8	18 05.43	-02 54.0	18.9	-0.78	-	4.1	5.7/24.2	31942
2002 JT ₁₃	2002 06 22.5	18 04.21	+17 13.3	17.1	-0.90	-	11.6	20.2/03.4	32015	1998 SD ₃₇	2002 06 22.8	18 05.46	-40 02.5	19.7	-1.04	-	1.1	5.8/22.5	26887
2000 ET ₅₃	2002 06 22.5	18 04.21	-24 46.0	18.0	-0.89	-	0.1	0.5/22.6	22130	1999 RD ₄₃	2002 06 22.8	18 05.47	-26 46.9	18.4	-1.20	-	10.0	1.9/22.5	7497
1998 QE ₇₇	2002 06 22.5	18 04.22	-09 39.3	17.3	-0.91	+	3.9	6.0/21.8	31822	2001 BY ₄₇	2002 06 22.8	18 05.48	-27 13.5	19.5	-1.08	+	0.3	1.3/22.9	12277
1999 TG ₁₆₆	2002 06 22.5	18 04.22	-10 45.1	17.6	-0.97	+	5.8	6.4/21.7	31869	1999 XY ₁₅₅	2002 06 22.8	18 05.51	-17 17.0	19.4	-0.90	+	0.4	2.1/22.9	11721
1999 XN ₉₇	2002 06 22.5	18 04.32	-26 35.9	17.7	-0.99	-	1.3	1.2/22.5	13633	1978 VL ₉	2002 06 22.8	18 05.52	-20 59.8	20.1	-0.98	-	0.3	0.9/22.9	12102
1998 VC ₁₉	2002 06 22.6	18 04.24	-19 17.4	18.9	-0.86	+	0.1	1.4/22.6	31842	1999 RS ₅₆	2002 06 22.8	18 05.57	-17 16.7	19.2	-1.07	-	0.1	2.5/22.9	13605

2000 TC ₃₃	2002 06 22.8	18 05.61	-54 37.1	17.1	-1.91	+ 6.3	15.3/25.6	8222	1998 HO ₁₂₃	2002 06 23.1	18 06.77	-06 00.4	17.5	-0.93	- 2.2	8.9/23.5	31816
1999 RN ₁₆₉	2002 06 22.9	18 05.47	-28 00.6	19.4	-1.14	+ 0.8	1.7/22.9	1461	2001 EJ ₁₆	2002 06 23.1	18 06.80	-42 04.3	18.6	-1.13	- 1.6	7.2/22.6	13821
1998 TS ₁₉	2002 06 22.9	18 05.52	-21 36.3	20.2	-0.85	0.0	0.5/22.9	31838	1109 T-3	2002 06 23.2	18 06.72	-25 16.0	18.8	-1.09	+ 2.5	0.7/23.2	10818
1999 TP ₄₀	2002 06 22.9	18 05.55	-30 34.7	19.1	-1.16	- 2.2	3.1/22.7	10427	1999 TK ₂₈₄	2002 06 23.2	18 06.80	-33 43.5	19.1	-1.09	- 3.7	3.5/22.7	12965
1999 TW ₂₁₉	2002 06 22.9	18 05.55	-42 56.3	19.2	-1.22	+ 1.1	6.9/23.1	13615	2001 BG ₃₁	2002 06 23.2	18 06.85	-22 38.2	19.4	-0.97	+ 0.5	0.3/23.2	17537
1998 TK ₉	2002 06 22.9	18 05.58	-30 41.3	18.0	-0.90	- 1.0	2.4/22.8	31837	1999 VT ₂₂	2002 06 23.2	18 06.88	-34 15.0	17.8	-1.07	+ 1.0	3.6/23.3	13619
1999 XH ₂₄₈	2002 06 22.9	18 05.60	-18 30.0	18.9	-1.03	- 1.1	2.1/23.0	17118	1999 ST ₁₀	2002 06 23.2	18 06.93	-21 19.6	17.5	-1.08	- 3.9	0.9/23.3	1469
2000 AJ ₁₉₄	2002 06 22.9	18 05.65	-17 29.1	17.8	-0.82	+ 3.1	1.7/22.7	13650	2001 BW ₁₄	2002 06 23.2	18 06.98	-23 23.3	19.5	-1.00	- 0.1	0.0/23.3	27764
1999 XE ₅₃	2002 06 22.9	18 05.65	-21 16.0	18.6	-1.08	+ 0.5	1.0/22.9	12209	1999 VL ₉	2002 06 23.2	18 06.98	-05 56.0	17.2	-0.91	+ 6.3	7.0/22.1	31874
2000 BB ₃₅	2002 06 22.9	18 05.79	-29 54.1	19.2	-1.09	- 1.5	2.4/22.8	30349	1999 SO ₂	2002 06 23.2	18 06.99	-51 36.6	20.0	-1.43	+ 1.2	8.2/23.1	38805
1999 WA ₁₂	2002 06 22.9	18 05.81	-24 46.5	19.0	-0.94	- 1.7	0.5/22.9	37851	2000 YR ₁₂₃	2002 06 23.2	18 07.01	-23 57.3	19.1	-1.04	- 0.2	0.2/23.3	12266
1992 UQ ₁	2002 06 22.9	18 05.82	-33 23.1	18.5	-1.16	- 1.3	3.6/22.7	13536	2000 SF ₂₉₆	2002 06 23.2	18 07.04	-05 53.7	17.6	-1.09	+ 6.2	6.8/22.3	31917
1998 QD ₃₀	2002 06 22.9	18 05.82	-32 04.3	19.5	-1.07	+ 2.6	3.1/23.1	3246	2001 BA ₂₇	2002 06 23.2	18 07.06	-15 20.9	19.2	-0.89	- 2.0	2.9/23.6	12274
2001 FE ₁₀₁	2002 06 22.9	18 05.82	-16 42.4	19.8	-0.94	+ 1.4	2.2/22.9	13840	2001 BS ₆₄	2002 06 23.2	18 07.09	-19 56.3	20.3	-0.98	+ 0.8	1.2/23.3	15094
1998 TN ₂₂	2002 06 22.9	18 05.83	-18 59.0	20.1	-0.79	+ 0.3	1.3/23.0	12143	2000 AY ₂₃	2002 06 23.2	18 07.11	-29 26.7	18.6	-1.05	- 1.0	2.5/23.1	11742
1998 RC ₄₇	2002 06 22.9	18 05.84	+00 36.5	19.9	-0.81	+ 1.0	7.8/22.7	31825	1999 RB ₁₀₆	2002 06 23.2	18 07.16	-20 49.4	18.3	-1.09	+ 3.5	1.4/23.2	1454
2000 DN ₈₄	2002 06 22.9	18 05.87	-32 28.0	18.4	-0.92	+ 1.1	2.9/23.0	2753	2000 AT ₁₉₉	2002 06 23.2	18 07.16	-14 13.9	19.2	-0.93	- 3.4	2.9/23.7	13651
2001 DB ₇₀	2002 06 22.9	18 05.89	-08 29.4	19.5	-0.97	- 0.6	5.3/23.2	12302	1999 VT ₁₇₀	2002 06 23.2	18 07.19	-33 55.1	15.6	-1.02	- 5.1	5.1/22.5	30335
1999 XL ₁₃₈	2002 06 22.9	18 05.91	-08 19.3	21.0	-0.81	+ 2.3	4.3/22.8	17104	1999 XC ₁₄₈	2002 06 23.2	18 07.21	-20 50.4	18.8	-1.01	+ 0.9	1.2/23.3	6263
2001 AE ₁₉	2002 06 22.9	18 05.94	-18 15.3	20.3	-0.92	- 2.2	1.7/23.2	20835	1999 RT ₁₄₀	2002 06 23.2	18 07.22	-18 43.1	19.6	-1.08	- 0.1	2.1/23.3	10895
2001 FF ₅	2002 06 22.9	18 06.00	-42 01.4	19.3	-1.15	0.0	6.3/22.9	25897	1999 VJ ₁₈₀	2002 06 23.3	18 07.15	-18 21.3	17.1	-0.97	- 5.9	2.8/23.7	31879
1999 UE ₅₂	2002 06 23.0	18 05.92	-06 38.5	20.3	-0.87	0.0	5.5/23.1	13618	1998 QN ₂₆	2002 06 23.3	18 07.17	-36 34.0	18.6	-1.17	+ 1.2	5.0/23.3	10860
1995 VG ₁₁	2002 06 23.0	18 05.94	-29 53.8	18.7	-1.06	- 2.7	2.4/22.8	12111	1999 VC ₂₀₅	2002 06 23.3	18 07.20	-21 17.6	20.1	-0.94	0.0	0.8/23.3	17090
1999 XA ₁	2002 06 23.0	18 06.01	-27 05.0	17.8	-0.92	+ 2.2	1.2/23.1	13627	1999 VT ₁₄₅	2002 06 23.3	18 07.20	-22 00.6	19.9	-0.96	- 0.5	0.6/23.3	27652
2000 AX ₅₂	2002 06 23.0	18 06.01	-25 48.1	18.7	-1.15	+ 1.4	1.0/23.0	13102	2001 DZ ₄₅	2002 06 23.3	18 07.21	-22 02.2	19.8	-0.98	- 1.1	0.5/23.3	11884
2001 BD ₁₉	2002 06 23.0	18 06.01	-31 29.7	19.1	-1.24	+ 1.4	3.4/23.1	22764	2000 AE ₆₃	2002 06 23.3	18 07.23	-35 02.7	20.0	-0.96	+ 0.7	3.3/23.3	30345
2001 BE ₆₂	2002 06 23.0	18 06.05	-16 38.0	20.0	-0.95	0.0	2.5/23.1	10721	1999 US ₄₄	2002 06 23.3	18 07.23	-18 01.8	17.6	-1.01	+ 3.7	2.6/23.1	10920
1999 XC ₁₄₃	2002 06 23.0	18 06.05	-24 11.5	17.9	-1.04	- 1.6	0.3/23.0	13636	1999 RQ ₁₉₃	2002 06 23.3	18 07.35	-15 27.5	16.4	-0.90	- 3.8	4.2/23.8	31862
1994 CZ ₅	2002 06 23.0	18 06.05	+02 58.9	20.0	-1.01	- 5.0	9.1/25.1	12109	1999 RU ₁₀₉	2002 06 23.3	18 07.39	-16 28.0	19.6	-1.03	+ 1.7	2.8/23.3	14787
2001 BD ₃₁	2002 06 23.0	18 06.06	-25 16.9	20.1	-1.11	+ 0.5	0.7/23.0	12275	1999 XV ₁₆₀	2002 06 23.3	18 07.39	-21 58.3	20.7	-0.83	+ 1.5	0.4/23.3	7517
2001 AS ₁₄	2002 06 23.0	18 06.16	-15 18.0	20.5	-1.06	- 0.6	3.3/23.2	11025	2001 BD ₇₃	2002 06 23.3	18 07.40	-19 42.5	19.4	-1.11	+ 1.9	1.5/23.3	23617
1998 SS ₆	2002 06 23.0	18 06.18	-00 38.2	19.6	-0.82	- 1.7	7.9/23.9	12138	1998 XN ₂₈	2002 06 23.3	18 07.44	-33 17.2	16.9	-0.93	- 2.7	3.4/22.9	13586
2000 AB ₇₀	2002 06 23.0	18 06.20	-19 13.9	19.5	-0.97	- 2.4	1.4/23.2	2713	1999 XB ₄₁	2002 06 23.3	18 07.49	-17 42.7	19.5	-0.91	+ 1.8	1.9/23.3	13630
2000 AN ₂₀₁	2002 06 23.0	18 06.29	-01 46.9	20.3	-0.74	0.0	5.7/23.3	13651	1999 RP ₂₁	2002 06 23.3	18 07.59	-22 12.3	19.9	-1.06	- 0.9	0.5/23.4	11533
1999 TB ₁₅₆	2002 06 23.0	18 06.37	-25 54.3	19.4	-1.10	- 0.6	1.0/23.1	12173	1999 RC ₂₅₁	2002 06 23.4	18 07.57	-24 48.8	21.6	-1.07	- 0.1	0.5/23.4	27640
2000 DQ ₁₁₁	2002 06 23.1	18 06.33	-18 45.2	20.0	-0.83	- 0.5	1.4/23.2	31901	2001 EV ₂₂	2002 06 23.4	18 07.57	-45 29.6	20.8	-1.20	- 0.5	7.1/23.1	18314
2000 YH ₁₂₆	2002 06 23.1	18 06.35	-34 34.0	19.3	-1.12	- 2.4	4.2/22.7	12266	2000 YH ₁₀₂	2002 06 23.4	18 07.58	-12 30.6	18.1	-1.02	+ 0.3	4.6/23.5	11019
1999 XT ₁₉₂	2002 06 23.1	18 06.40	-35 50.3	19.6	-0.97	- 2.3	3.8/22.7	13638	1999 VM ₁₀₅	2002 06 23.4	18 07.61	-23 45.2	21.6	-1.05	- 0.2	0.1/23.4	15051
1999 XM ₅₅	2002 06 23.1	18 06.42	-26 01.5	18.7	-0.95	- 1.4	0.9/23.1	13631	2000 AM ₁₂	2002 06 23.4	18 07.61	-28 16.5	19.3	-1.08	- 0.3	1.8/23.3	2708
1999 XR ₂₃₄	2002 06 23.1	18 06.43	-16 16.0	20.2	-0.95	- 0.6	2.4/23.2	2705	1995 UV ₈	2002 06 23.4	18 07.69	-25 13.3	18.4	-1.00	- 0.9	0.6/23.4	13544
2001 BD ₄₂	2002 06 23.1	18 06.43	+08 51.6	20.3	-0.94	- 1.8	10.3/24.5	13807	2000 XF ₃₅	2002 06 23.4	18 07.71	-47 31.7	16.1	-1.22	+ 1.0	11.6/23.8	11010
2000 AN ₃₄	2002 06 23.1	18 06.46	-30 08.7	18.3	-1.13	- 1.5	2.7/22.9	19474	1998 DN ₃₅	2002 06 23.4	18 07.72	-25 05.5	18.1	-1.14	0.0	0.7/23.4	30261
1999 VX ₂₂₃	2002 06 23.1	18 06.49	-10 34.7	19.3	-0.87	+ 0.5	4.4/23.2	13626	1999 VR ₃₁	2002 06 23.4	18 07.72	-15 22.9	19.4	-0.91	+ 2.3	3.0/23.3	12982
1998 FM ₂₁	2002 06 23.1	18 06.53	-17 25.1	18.9	-1.09	- 0.9	2.5/23.3	8030	2001 ET ₃	2002 06 23.4	18 07.74	-24 00.9	17.9	-0.88	- 0.9	0.2/23.4	13819
2001 BV ₇₆	2002 06 23.1	18 06.53	-37 58.4	20.6	-1.13	+ 1.6	5.0/23.3	12282	1999 VQ ₅₂	2002 06 23.4	18 07.76	-26 44.2	19.3	-1.04	- 2.1	1.1/23.3	40395
1998 FT ₆₃	2002 06 23.1	18 06.54	-20 12.1	18.7	-1.07	- 1.5	1.4/23.2	10318	2001 FB ₉₆	2002 06 23.4	18 07.77	-36 26.7	20.1	-1.24	- 2.3	4.6/22.9	14424
2001 DB ₈₈	2002 06 23.1	18 06.56	-35 36.1	18.5	-1.00	+ 1.9	4.2/23.3	30452	1999 TQ	2002 06 23.4	18 07.80	-21 00.5	19.3	-1.07	+ 0.1	0.9/23.5	40375
1996 XV ₁₁	2002 06 23.1	18 06.57	-22 53.8	18.2	-1.08	- 5.6	0.2/23.2	19282	2001 DU ₇₂	2002 06 23.4	18 07.88	-23 13.6	19.9	-0.99	+ 0.2	0.1/23.5	11902
1999 TD ₂₃₆	2002 06 23.1	18 06.66	-32 58.8	18.5	-1.11	- 1.9	3.7/22.9	12177	2000 CM ₂	2002 06 23.4	18 07.95	-54 24.0	19.8	-1.23	+ 0.3	7.6/23.1	31896
1999 VP ₂₀₀	2002 06 23.1	18 06.74	-08 36.7	19.4	-0.96	- 4.4	5.5/24.0	2691	1999 TO ₂₃₆	2002 06 23.5	18 07.97	-21 29.0	17.2	-1.00	- 3.7	0.8/23.6	31870
1999 VD ₁₇₉	2002 06 23.1	18 06.75	-22 52.8	18.4	-1.02	- 4.3	0.2/23.2	13006	1999 YP ₁	2002 06 23.5	18 07.97	-06 44.6	20.0	-0.88	- 1.5	5.2/23.9	40426

2001 FD ₁₄₆	2002 06 23.5	18 08.04	-31 05.3	18.6	-1.02	+ 2.0	2.7/23.6	30455	1999 XF ₇	2002 06 23.8	18 09.43	-26 57.1	20.5	-1.02	- 0.6	1.3/23.8	13024
1997 GX ₂	2002 06 23.5	18 08.07	-18 39.9	18.8	-1.00	- 0.2	2.0/23.6	13551	1999 TX ₁₀₂	2002 06 23.8	18 09.46	-05 34.6	19.3	-0.89	- 2.6	6.2/24.7	14375
1999 RK ₂₀₃	2002 06 23.5	18 08.09	-32 50.4	19.6	-1.17	+ 3.9	3.4/23.9	17039	2001 FB ₄₈	2002 06 23.8	18 09.51	-43 46.3	19.5	-1.11	- 1.6	6.2/23.1	13830
1999 RV ₁₆₉	2002 06 23.5	18 08.11	-25 04.4	19.1	-1.16	+ 0.6	0.7/23.5	40369	1999 TB ₁₅₃	2002 06 23.8	18 09.55	-12 08.4	18.9	-0.99	- 0.6	5.0/24.0	10445
1998 HO ₄₃	2002 06 23.5	18 08.18	-10 34.1	17.0	-0.94	0.0	6.3/23.6	31815	2001 DT ₆₆	2002 06 23.8	18 09.57	-19 52.2	19.5	-1.03	- 0.5	1.3/23.9	11894
2000 WQ ₉₆	2002 06 23.5	18 08.19	-21 39.6	18.2	-1.12	+ 4.7	0.8/23.5	11809	2117 T-1	2002 06 23.8	18 09.62	-29 54.9	17.1	-1.11	- 0.9	3.3/23.8	8592
1997 GF ₉	2002 06 23.5	18 08.20	-04 08.3	19.1	-0.89	+ 1.3	6.8/23.5	13551	1998 FW ₇₅	2002 06 23.8	18 09.64	-49 37.9	17.3	-1.18	+ 2.6	14.6/24.1	16800
1999 RA ₂₁₀	2002 06 23.5	18 08.21	-27 59.1	18.6	-1.18	+ 1.5	2.0/23.6	5619	2000 AC ₂₈	2002 06 23.8	18 09.67	-22 55.2	18.4	-0.91	- 1.3	0.2/23.9	20746
2000 DG ₈₀	2002 06 23.5	18 08.25	-40 43.2	18.0	-1.01	+ 0.5	5.4/23.4	31901	1996 TC ₁₆	2002 06 23.8	18 09.73	-21 48.4	19.2	-1.12	+ 2.2	0.7/23.9	8383
2001 DR ₄₆	2002 06 23.5	18 08.29	-00 43.5	19.1	-0.89	- 1.9	8.6/24.4	12299	2802 P-L	2002 06 23.9	18 09.63	-42 16.3	20.5	-1.19	- 1.2	6.0/23.2	38004
1991 TT ₆	2002 06 23.5	18 08.37	-18 21.3	18.1	-0.99	+ 0.9	2.0/23.6	13535	1997 AM ₁₁	2002 06 23.9	18 09.66	-22 39.2	19.7	-1.10	+ 0.2	0.3/23.9	12115
1996 VV ₁₈	2002 06 23.5	18 08.43	-27 29.3	18.2	-1.06	- 1.0	2.0/23.5	8384	1998 FZ ₇₅	2002 06 23.9	18 09.75	-12 56.0	18.6	-0.96	+ 1.9	5.2/23.8	27599
1999 TV ₁₁₄	2002 06 23.5	18 08.44	-45 47.9	18.3	-1.30	+ 0.4	8.8/23.7	13612	2000 EM ₈	2002 06 23.9	18 09.77	-23 08.9	17.9	-0.95	+ 0.1	0.1/23.9	13177
1999 TE ₁₂	2002 06 23.5	18 08.45	-30 36.4	20.0	-1.02	- 2.2	2.4/23.3	13610	2001 DV ₅₀	2002 06 23.9	18 09.80	-25 23.9	19.1	-1.14	- 3.2	0.8/23.8	12300
1998 UY ₂₈	2002 06 23.6	18 08.39	-18 03.5	19.8	-0.79	- 1.2	1.5/23.7	31840	1999 TO ₁₇₄	2002 06 23.9	18 09.90	-32 02.7	18.2	-1.10	- 0.1	4.1/23.8	13614
1999 SV ₇	2002 06 23.6	18 08.40	-20 42.0	18.2	-1.12	- 3.4	1.1/23.7	15645	2000 FM ₁₂	2002 06 23.9	18 09.98	-37 26.1	19.0	-0.91	- 2.9	3.8/23.2	17230
2000 AX ₄₅	2002 06 23.6	18 08.41	-22 15.3	19.0	-0.92	- 1.9	0.4/23.6	13643	2000 DG ₆	2002 06 23.9	18 10.02	-32 15.5	19.5	-0.89	- 0.9	2.6/23.7	31899
2000 YG ₅₄	2002 06 23.6	18 08.41	-22 51.1	18.8	-1.09	- 2.0	0.2/23.6	9902	1998 UO ₃₂	2002 06 23.9	18 10.12	-12 30.2	18.6	-0.85	+ 2.5	3.9/23.8	31840
1999 VK ₁	2002 06 23.6	18 08.42	-27 54.9	18.3	-1.04	- 1.3	1.7/23.5	11623	1999 TR ₅₁	2002 06 23.9	18 10.12	-07 13.8	21.3	-0.90	+ 1.5	5.5/23.9	15646
1999 VV ₁₆₅	2002 06 23.6	18 08.42	-24 29.6	18.8	-1.03	+ 0.6	0.4/23.6	684	2000 UT ₁₁₀	2002 06 24.0	18 10.11	-55 20.8	18.4	-2.03	- 7.8	14.9/20.0	8527
1996 AC ₁	2002 06 23.6	18 08.44	-36 53.6	17.9	-1.60	+ 9.7	6.5/24.9	8381	1999 TF ₁₈₇	2002 06 24.0	18 10.13	-20 04.3	18.4	-0.98	+ 3.2	1.2/23.9	12175
2000 YQ ₅₂	2002 06 23.6	18 08.49	-29 40.6	18.6	-1.21	+ 2.1	2.7/23.7	12262	2001 FV ₄₉	2002 06 24.0	18 10.16	-03 54.0	19.5	-0.76	+ 1.1	5.5/24.1	13303
1990 RJ ₇	2002 06 23.6	18 08.54	-33 40.8	19.8	-1.03	- 0.2	3.0/23.5	136	1998 FW ₄₆	2002 06 24.0	18 10.18	-16 56.4	19.1	-1.07	- 0.2	2.7/24.1	9698
1999 XX ₁₀₃	2002 06 23.6	18 08.54	-37 42.9	19.4	-1.10	- 2.3	4.8/23.1	13634	2000 AK ₉₀	2002 06 24.0	18 10.22	-11 48.9	17.5	-0.84	- 3.2	4.2/24.6	31890
1999 XG ₁₀₆	2002 06 23.6	18 08.55	-22 04.2	20.5	-0.84	+ 0.1	0.4/23.6	13634	2001 DU ₁₄	2002 06 24.0	18 10.28	-46 22.9	19.4	-1.14	+ 1.7	7.3/24.5	12294
1999 VY ₃₃	2002 06 23.6	18 08.55	-28 01.5	17.5	-1.00	- 2.1	2.4/23.5	10923	1999 XA ₁₈₁	2002 06 24.0	18 10.34	-36 20.5	20.2	-1.04	- 0.2	4.2/23.9	13638
2001 AA ₁₄	2002 06 23.6	18 08.63	-22 53.8	18.4	-1.09	- 2.0	0.2/23.7	11024	2001 BY ₅₉	2002 06 24.0	18 10.35	-04 08.2	19.2	-0.81	- 2.0	5.9/25.0	13807
2000 YR ₄₁	2002 06 23.6	18 08.69	-24 32.6	19.1	-1.14	+ 0.3	0.5/23.7	27182	1998 FG ₇₉	2002 06 24.0	18 10.40	-22 22.4	18.8	-1.07	- 2.8	0.5/24.1	9701
2001 EZ ₁₈	2002 06 23.6	18 08.69	-23 56.4	18.5	-1.08	+ 2.4	0.2/23.7	17569	2000 WT ₁₂₀	2002 06 24.0	18 10.42	-31 39.6	17.9	-1.11	- 5.1	3.2/23.5	11004
2000 WT ₁₂₄	2002 06 23.6	18 08.75	-13 44.1	18.6	-1.35	+10.3	4.5/22.7	11004	2000 CO ₉₇	2002 06 24.0	18 10.42	+08 29.0	20.9	-0.71	- 0.7	7.6/24.7	19509
1999 XY ₁₅₆	2002 06 23.6	18 08.82	-21 10.2	19.2	-0.99	- 1.5	0.8/23.7	1557	1999 XE ₁₈₆	2002 06 24.0	18 10.43	-40 54.1	16.3	-1.13	- 5.5	7.7/22.6	14383
1999 VX ₉₆	2002 06 23.6	18 08.87	-18 45.0	18.1	-0.95	+ 0.6	1.8/23.7	12193	1999 TB ₁₉₃	2002 06 24.0	18 10.45	-33 54.7	20.1	-1.00	+ 0.4	3.1/24.0	14142
2001 AZ ₄₁	2002 06 23.6	18 08.88	-30 01.4	16.9	-1.01	+ 3.0	3.3/23.9	13804	1999 UH ₄₃	2002 06 24.0	18 10.45	-24 48.0	19.8	-1.07	+ 1.2	0.5/24.1	2677
2001 FD ₁₇₉	2002 06 23.7	18 08.80	-20 32.0	17.8	-0.88	- 3.8	1.0/23.9	13387	2000 AL ₁₆₇	2002 06 24.0	18 10.47	-13 11.4	18.4	-0.84	+ 4.1	3.7/23.7	23513
1999 XE ₇₀	2002 06 23.7	18 08.82	-20 44.9	18.6	-0.94	+ 0.9	1.1/23.7	12210	2001 AM ₃₉	2002 06 24.0	18 10.48	-25 26.0	20.6	-1.10	- 1.0	0.8/24.0	17531
2001 BQ ₄	2002 06 23.7	18 08.84	-24 34.0	18.7	-1.03	- 4.6	0.4/23.6	12272	1999 XC ₈₆	2002 06 24.0	18 10.51	-23 31.2	18.0	-1.05	+ 0.8	0.0/24.1	13632
1999 RP ₁₈₅	2002 06 23.7	18 08.91	-24 37.6	19.6	-1.08	+ 0.2	0.4/23.7	17038	1999 RT ₁₆₄	2002 06 24.0	18 10.54	-34 14.4	19.3	-1.25	+ 1.6	4.8/24.1	10393
1999 XX ₃₀	2002 06 23.7	18 08.95	-17 54.6	19.8	-0.97	+ 0.3	2.0/23.8	14158	1999 TW ₇₃	2002 06 24.1	18 10.46	-20 46.2	20.6	-1.04	+ 0.2	1.0/24.1	17048
1998 JE	2002 06 23.7	18 08.97	-22 27.8	16.9	-1.07	- 2.4	0.4/23.8	12125	1999 RG ₁₀₇	2002 06 24.1	18 10.48	-24 58.4	19.3	-1.04	+ 0.2	0.6/24.1	13606
2000 WO ₈₇	2002 06 23.7	18 09.02	-27 29.7	19.2	-1.17	+ 1.6	1.5/23.8	12254	2001 FC ₄₁	2002 06 24.1	18 10.49	-38 34.7	19.3	-1.04	+ 0.2	4.9/24.0	12005
1999 VB ₁₁₀	2002 06 23.7	18 09.03	-21 21.9	18.0	-0.95	+ 0.1	0.9/23.8	12195	2001 DA ₉₅	2002 06 24.1	18 10.49	-33 24.8	17.8	-1.13	+ 6.2	4.3/24.7	13264
2001 DH ₂₁	2002 06 23.7	18 09.13	-32 15.8	19.5	-0.94	- 2.2	2.9/23.4	13813	1999 XK ₁₁₉	2002 06 24.1	18 10.50	-30 59.5	19.4	-1.06	- 1.1	2.8/23.9	11713
2001 FW ₃₀	2002 06 23.7	18 09.15	-38 43.8	18.5	-0.98	- 1.2	5.1/23.4	13828	1990 TN ₉	2002 06 24.1	18 10.54	-08 44.3	20.0	-0.90	+ 1.5	4.9/24.0	9668
1998 ST ₆₀	2002 06 23.7	18 09.16	-25 06.1	17.8	-0.93	- 1.2	0.6/23.7	13579	2001 AC ₁₃	2002 06 24.1	18 10.58	-20 56.7	19.2	-1.07	+ 1.4	0.9/24.1	12268
2001 BQ ₇₈	2002 06 23.8	18 09.23	-42 24.4	20.3	-1.18	+ 1.7	6.3/24.1	12283	2001 DK ₉₄	2002 06 24.1	18 10.58	-27 39.1	19.4	-1.09	+ 1.7	1.6/24.2	11915
2001 FE ₉₂	2002 06 23.8	18 09.24	-10 24.5	20.0	-0.99	- 2.3	4.7/24.3	12061	2001 FE ₁₄₁	2002 06 24.1	18 10.60	-22 00.5	17.5	-1.00	+ 4.2	0.6/24.1	16094
1999 XB ₂	2002 06 23.8	18 09.26	-08 17.3	17.9	-0.91	- 0.7	5.9/24.0	31880	1998 FL ₄₇	2002 06 24.1	18 10.63	-26 27.6	16.9	-0.94	+ 1.2	1.7/24.1	8396
1999 RK ₂₀₈	2002 06 23.8	18 09.29	-33 17.0	19.6	-1.19	+ 1.3	3.6/23.8	2656	1997 PP ₂	2002 06 24.1	18 10.66	-43 42.6	19.0	-1.12	+ 4.0	6.4/24.8	40318
1999 TA ₁₁₁	2002 06 23.8	18 09.30	-15 23.0	18.5	-1.06	+ 3.0	4.0/23.6	1142	1999 RS ₂₉	2002 06 24.1	18 10.67	-52 36.5	19.9	-1.65	+ 3.1	10.5/24.4	38073
1991 NA	2002 06 23.8	18 09.33	-26 24.4	15.5	-0.99	+13.6	1.7/24.3	6706	1999 TH ₁₉₇	2002 06 24.1	18 10.68	-43 03.3	18.6	-1.18	- 0.7	6.9/23.7	13614
1999 VX ₁₀₁	2002 06 23.8	18 09.36	-25 08.7	17.9	-0.98	- 2.2	0.9/23.8	15051	2000 YH ₄₅	2002 06 24.1	18 10.69	-24 06.8	17.8	-1.05	- 2.2	0.3/24.1	18308

2000 YB ₅₂	2002 06 24.1	18 10.69	-24 39.7	17.6	-1.05	+ 0.7	0.6/24.1	9499	2000 AU ₂₂₈	2002 06 24.5	18 12.33	-07 02.6	19.5	-0.84	- 1.1	4.8/25.0	13133
1999 XW ₉₉	2002 06 24.1	18 10.71	-27 59.3	18.5	-0.99	- 2.8	1.5/23.9	13056	1999 RH ₁₉₇	2002 06 24.5	18 12.37	-16 11.3	17.2	-1.02	+ 4.1	3.9/24.3	40371
2000 AZ ₂₃₂	2002 06 24.1	18 10.73	-19 08.0	18.2	-0.80	- 2.6	1.3/24.4	31894	1999 XF ₆₄	2002 06 24.5	18 12.40	-17 00.5	18.2	-0.92	- 0.2	2.3/24.7	13045
2001 BO ₄₀	2002 06 24.1	18 10.73	-22 11.7	20.6	-1.00	+ 0.4	0.4/24.2	11035	1998 QD ₇₇	2002 06 24.5	18 12.41	-21 09.9	17.9	-0.96	+ 3.1	0.9/24.5	16838
2001 AG ₃₇	2002 06 24.1	18 10.84	-14 00.6	17.3	-1.13	-13.0	4.2/25.6	10681	1995 VF ₁₃	2002 06 24.5	18 12.46	-19 28.8	18.0	-0.94	- 1.8	2.0/24.7	10833
1999 RW ₉	2002 06 24.1	18 10.94	-15 24.3	19.8	-1.04	- 0.1	3.3/24.3	14135	1995 YQ ₁	2002 06 24.5	18 12.47	-21 36.8	19.5	-0.97	- 1.9	0.6/24.6	2622
1999 TW ₁₅₄	2002 06 24.2	18 10.88	-20 38.4	18.5	-0.97	- 1.1	1.0/24.3	13613	1999 XU ₁₈₀	2002 06 24.5	18 12.48	-27 08.1	19.0	-0.86	- 2.8	1.0/24.4	31886
1999 RL ₂₀₆	2002 06 24.2	18 10.94	+17 32.3	19.2	-0.97	+ 5.0	17.9/19.5	40372	2001 FZ ₇₅	2002 06 24.5	18 12.49	-09 25.9	18.4	-0.80	- 1.6	4.8/25.1	31944
2000 YC ₁₁₈	2002 06 24.2	18 10.94	-34 46.5	19.3	-1.12	+ 1.8	4.4/24.4	13802	2001 CA ₃	2002 06 24.5	18 12.50	-36 09.7	20.1	-1.14	+ 0.6	4.4/24.5	11839
2001 CT ₁₂	2002 06 24.2	18 10.98	-23 38.8	19.9	-1.02	- 1.7	0.1/24.2	12286	2001 DF ₆₇	2002 06 24.5	18 12.52	-34 59.7	19.4	-1.12	+ 1.3	4.3/24.6	11895
2001 DX ₁₀₂	2002 06 24.2	18 10.99	-20 01.8	19.3	-1.12	- 0.7	1.4/24.3	13818	1993 FD ₂₉	2002 06 24.5	18 12.57	-31 31.9	17.8	-1.06	+ 1.4	3.5/24.6	28931
1999 VK ₁₆₈	2002 06 24.2	18 11.00	-24 42.1	17.9	-1.05	+ 2.3	0.6/24.2	17083	1999 UQ ₁₅	2002 06 24.5	18 12.63	-13 44.7	19.5	-0.98	- 0.3	3.7/24.7	12182
2000 WT ₂	2002 06 24.2	18 11.01	+16 39.8	18.7	-1.10	+ 0.6	18.1/23.9	9866	2001 FY ₁₆₃	2002 06 24.6	18 12.60	-21 18.9	19.4	-0.94	- 0.7	0.8/24.7	27194
1999 XK ₂₃₄	2002 06 24.2	18 11.02	-05 15.1	19.7	-0.89	+ 1.4	6.2/24.1	15652	1999 TF ₁₄₁	2002 06 24.6	18 12.61	-45 38.0	19.5	-1.23	- 2.2	7.4/23.6	13613
2000 AP ₄	2002 06 24.2	18 11.03	-18 33.8	19.1	-0.81	+ 0.6	1.4/24.3	39567	2001 FA ₉₂	2002 06 24.6	18 12.62	-18 56.7	17.8	-0.92	- 4.2	1.8/24.9	12061
4210 T-3	2002 06 24.2	18 11.10	-08 07.6	19.2	-0.69	- 0.5	3.9/24.5	13877	1999 XJ ₂₀₂	2002 06 24.6	18 12.63	-32 41.7	18.8	-0.94	+ 1.7	2.8/24.7	31886
1996 LU ₂	2002 06 24.2	18 11.12	-10 03.7	20.1	-0.78	- 0.1	4.1/24.5	12853	1999 XC ₁₉₄	2002 06 24.6	18 12.66	-32 20.7	18.2	-0.92	- 1.1	2.9/24.4	13638
1999 RL ₁₅₅	2002 06 24.2	18 11.14	-20 00.1	18.5	-1.10	+ 1.4	1.5/24.2	31860	1999 TS ₁₀₅	2002 06 24.6	18 12.66	-18 09.1	17.6	-1.10	+ 0.5	2.6/24.6	1485
2000 YL ₁₀₅	2002 06 24.2	18 11.16	-20 41.1	18.8	-0.95	- 1.6	0.9/24.3	12265	2000 AM ₂₃₁	2002 06 24.6	18 12.69	-10 55.6	19.4	-0.78	- 3.0	3.8/25.3	19490
1999 TV ₂₁₇	2002 06 24.2	18 11.18	-17 59.9	20.0	-1.09	+ 0.2	2.2/24.3	12176	2000 AU ₅₃	2002 06 24.6	18 12.76	-24 20.6	18.5	-1.03	0.0	0.4/24.6	38637
2001 AD ₃₃	2002 06 24.2	18 11.21	-36 41.2	18.5	-1.15	+ 4.4	5.5/25.0	11027	2001 HD ₄₂	2002 06 24.6	18 12.80	-43 10.0	18.4	-1.10	- 3.2	6.5/23.3	23619
2001 FW ₁₃	2002 06 24.2	18 11.22	-15 48.4	18.1	-0.81	- 0.6	2.8/24.4	17573	2001 FA ₆₀	2002 06 24.6	18 12.83	-25 59.0	20.5	-1.07	- 0.9	0.9/24.6	12028
1999 RL ₁₃₄	2002 06 24.2	18 11.35	-30 16.7	18.4	-1.17	+ 2.4	2.8/24.4	13606	2000 WQ ₁₈₄	2002 06 24.6	18 12.84	-21 50.6	19.1	-1.06	- 2.0	0.7/24.7	9445
1999 XK ₂₅₉	2002 06 24.2	18 11.36	-08 34.1	19.4	-0.91	- 2.6	5.1/24.9	13640	1999 XZ ₇₂	2002 06 24.6	18 12.89	-19 22.6	18.8	-0.98	+ 1.6	1.4/24.6	40412
1998 HX ₈₅	2002 06 24.2	18 11.36	-28 22.2	17.7	-1.10	- 0.6	2.2/24.2	9706	1999 TH ₃₁₅	2002 06 24.6	18 12.91	-26 16.0	19.9	-1.04	- 0.9	1.1/24.6	17065
1999 TB ₉₁	2002 06 24.2	18 11.37	-23 34.3	17.7	-1.10	- 2.6	0.1/24.3	1127	1994 TV ₁₄	2002 06 24.6	18 12.96	-02 02.3	19.7	-0.90	+ 0.3	8.3/24.6	16720
1999 VH ₁₆₁	2002 06 24.3	18 11.32	-19 07.6	20.2	-1.11	+ 2.1	1.9/24.2	2687	1998 HQ ₉₈	2002 06 24.6	18 12.97	-28 38.9	17.2	-0.96	- 2.4	2.7/24.4	15030
2001 FS ₁₆₉	2002 06 24.3	18 11.40	-22 26.9	19.3	-1.00	- 0.9	0.4/24.3	17594	1998 WE ₅	2002 06 24.6	18 12.97	-05 53.0	19.0	-0.77	- 1.7	5.2/25.3	31845
1999 XW ₂₄	2002 06 24.3	18 11.48	-24 08.1	19.5	-1.03	- 1.5	0.3/24.3	14379	1999 VK ₅	2002 06 24.7	18 12.95	-27 33.6	19.8	-1.03	- 0.9	1.6/24.6	10921
1999 XB ₅₂	2002 06 24.3	18 11.59	-26 02.9	19.1	-1.03	- 0.5	1.1/24.3	13631	2001 FF ₁₅₄	2002 06 24.7	18 12.96	-38 35.1	20.3	-1.00	- 1.0	5.0/24.2	19931
1999 RQ ₂₄₆	2002 06 24.3	18 11.65	-37 53.1	17.2	-1.17	- 2.1	7.6/23.9	8446	2001 BH ₄₀	2002 06 24.7	18 13.00	-24 09.6	17.8	-1.05	- 7.2	0.3/24.6	13807
1999 UH ₅₄	2002 06 24.3	18 11.66	-24 47.2	18.1	-1.00	+ 1.7	0.6/24.4	12186	1992 EZ ₁₃	2002 06 24.7	18 13.02	-11 57.6	20.8	-0.64	- 0.2	2.7/25.0	15004
2001 EC ₅	2002 06 24.3	18 11.75	-00 29.1	18.5	-0.86	- 2.6	9.2/25.4	27192	1999 RH ₁₅₃	2002 06 24.7	18 13.07	-24 14.8	17.1	-1.02	+ 4.0	0.5/24.7	9745
1999 TW ₂₄₄	2002 06 24.3	18 11.75	-06 01.2	20.8	-0.85	0.0	5.0/24.7	12963	2001 HH ₄₈	2002 06 24.7	18 13.10	-03 09.9	18.3	-0.77	- 3.0	6.2/25.9	31947
1999 VW ₂₁	2002 06 24.3	18 11.76	-23 59.4	20.7	-1.07	- 0.6	0.2/24.4	17071	2001 FJ ₃₁	2002 06 24.7	18 13.11	-20 54.9	19.3	-0.94	- 0.1	0.9/24.8	13295
1999 XN ₁₅₃	2002 06 24.4	18 11.77	-20 21.6	17.8	-0.94	+ 1.9	1.0/24.4	31885	2000 YC ₆₄	2002 06 24.7	18 13.11	-19 51.3	18.7	-0.98	0.0	1.5/25.0	15094
2001 FA ₉₃	2002 06 24.4	18 11.98	-25 51.1	18.8	-1.09	- 2.3	0.9/24.4	23618	2001 GS ₅	2002 06 24.7	18 13.16	-35 44.4	19.5	-0.99	- 1.0	3.9/24.4	27195
2000 CJ ₁₂₇	2002 06 24.4	18 11.99	-27 19.2	21.0	-1.06	+ 0.4	1.3/24.4	3514	2000 AY ₃₂	2002 06 24.7	18 13.16	-33 08.6	19.1	-0.94	+ 1.4	2.9/24.7	13642
1999 VN ₁₅₂	2002 06 24.4	18 12.00	-34 25.3	20.5	-1.25	- 1.9	5.1/24.0	18218	1999 TS ₁₀₇	2002 06 24.7	18 13.20	-16 26.4	19.3	-1.05	+ 2.0	2.8/24.7	11581
2001 HE ₄₂	2002 06 24.4	18 12.08	-09 49.1	19.3	-0.78	- 0.6	4.1/24.8	27767	2000 YF ₁₀₅	2002 06 24.7	18 13.22	-57 49.4	17.8	-1.36	+ 0.6	12.6/24.3	13802
1999 XS ₉₈	2002 06 24.4	18 12.09	-22 47.4	17.3	-0.90	+ 2.8	0.2/24.5	13633	2001 FW ₅₅	2002 06 24.7	18 13.33	-21 44.9	19.6	-0.96	+ 0.8	0.5/24.8	13832
1999 VQ ₉	2002 06 24.4	18 12.17	-18 43.2	19.3	-0.95	+ 0.4	1.5/24.5	40389	1999 TB ₉₉	2002 06 24.7	18 13.43	-00 25.0	19.3	-0.92	- 1.6	10.8/25.5	12951
2001 FX ₇₁	2002 06 24.4	18 12.19	-36 19.9	18.6	-0.98	- 2.0	4.3/23.9	31944	1999 WG ₂	2002 06 24.7	18 13.44	-20 32.4	19.9	-1.11	- 0.4	1.2/24.8	40401
1998 RA ₆	2002 06 24.4	18 12.21	-28 54.4	18.2	-1.05	- 1.7	2.3/24.3	31824	2000 EF ₁₈	2002 06 24.8	18 13.41	-16 13.7	19.5	-0.82	- 3.0	2.1/25.0	31902
1998 RR ₇₂	2002 06 24.5	18 12.17	-20 09.2	18.1	-0.89	- 0.7	1.1/24.6	20704	1998 SS ₁₁₄	2002 06 24.8	18 13.43	-25 04.2	18.8	-0.92	- 1.2	0.6/24.8	31834
1999 RU ₁₄₈	2002 06 24.5	18 12.17	-15 39.0	18.6	-1.06	- 0.5	3.3/24.6	12155	1997 CJ ₁₆	2002 06 24.8	18 13.46	-21 15.9	20.7	-0.99	- 1.0	0.8/24.9	10312
1999 UA ₅₃	2002 06 24.5	18 12.19	-07 03.9	18.8	-0.88	- 2.1	6.0/25.2	13618	2000 XG ₅₀	2002 06 24.8	18 13.46	-43 06.6	19.5	-1.16	- 0.5	6.9/24.5	12260
1999 UK ₁₃	2002 06 24.5	18 12.22	-13 51.7	17.9	-0.98	+ 2.7	4.9/24.3	15050	1999 TQ ₁₅₆	2002 06 24.8	18 13.48	-28 05.3	17.5	-1.07	+ 4.6	1.8/25.0	12173
1999 VS ₃₅	2002 06 24.5	18 12.25	-35 08.6	16.9	-1.14	- 7.6	5.0/23.3	12189	2000 AY ₈₉	2002 06 24.8	18 13.48	-17 44.1	19.2	-0.87	+ 0.2	1.8/24.9	30346
1999 SS ₉	2002 06 24.5	18 12.25	-27 22.6	19.2	-1.03	- 1.6	1.3/24.4	13609	2000 AL ₇₀	2002 06 24.8	18 13.53	-17 48.5	18.0	-0.96	- 0.8	2.0/25.0	12226
3116 T-2	2002 06 24.5	18 12.29	-22 03.0	20.0	-1.05	- 0.9	0.5/24.6	16169	1998 FR ₄₀	2002 06 24.8	18 13.56	-28 56.7	18.8	-1.14	+ 0.4	2.5/24.8	9067

2001 BC ₃₁	2002 06 24.8	18 13.56	-21 26.5	19.9	-1.06	- 1.2	0.7/24.9	13806	2001 CK ₁₆	2002 06 25.2	18 15.10	-38 15.0	18.7	-1.14	+ 1.9	5.5/25.4	12286
1999 XN ₁₁₅	2002 06 24.8	18 13.58	-28 55.5	20.0	-1.04	- 0.7	2.0/24.7	13634	2001 BC ₆₀	2002 06 25.2	18 15.21	-19 45.1	19.5	-1.02	- 0.4	1.3/25.3	12279
1997 GL ₁₀	2002 06 24.8	18 13.62	-29 48.4	20.8	-1.04	- 0.9	2.1/24.7	16753	1998 QM ₉₇	2002 06 25.2	18 15.23	+02 33.4	18.3	-0.87	+ 0.5	11.5/24.9	31823
2001 FG ₂₅	2002 06 24.8	18 13.70	-41 53.6	20.2	-1.17	+ 0.8	6.1/24.7	16093	1999 TT ₂₁₂	2002 06 25.2	18 15.30	-31 35.6	19.3	-1.01	+ 0.1	2.7/25.1	13615
1998 SX ₅	2002 06 24.8	18 13.71	-13 11.9	18.7	-0.87	- 0.8	3.6/25.1	25718	1999 VD ₆₅	2002 06 25.2	18 15.33	-19 54.0	20.7	-0.91	+ 0.1	1.1/25.3	12991
1998 SP ₁₅	2002 06 24.8	18 13.76	-21 36.5	20.5	-0.90	- 0.1	0.6/24.9	16849	1998 KY ₆	2002 06 25.2	18 15.39	-07 51.8	18.1	-0.91	+ 4.5	7.8/24.8	31230
2001 DJ ₇₅	2002 06 24.8	18 13.89	-18 41.3	19.4	-1.09	- 0.1	2.0/25.0	13261	2001 DK ₆₇	2002 06 25.2	18 15.39	-32 18.3	17.6	-1.02	+ 1.8	3.7/25.3	25897
1998 RB ₅	2002 06 24.9	18 13.78	-26 49.5	18.6	-0.98	+ 0.1	1.2/24.8	1962	1999 XH ₁₀₁	2002 06 25.2	18 15.39	-25 26.0	16.3	-0.90	- 4.0	0.7/25.1	13633
2001 FL ₁₅₉	2002 06 24.9	18 13.82	-44 41.1	19.4	-1.23	- 0.8	7.4/24.1	13366	1996 BW ₆	2002 06 25.2	18 15.41	-24 52.5	19.2	-0.95	- 1.3	0.5/25.2	12112
1999 TT ₆₁	2002 06 24.9	18 13.84	-28 25.6	18.6	-1.05	- 1.3	2.6/24.7	19456	1999 TF ₃₇	2002 06 25.2	18 15.50	-25 04.8	16.6	-1.07	-10.1	0.9/25.1	2660
2000 AJ ₇	2002 06 24.9	18 13.90	-30 07.4	18.6	-1.01	+ 0.3	2.5/24.8	13641	2001 GT ₁	2002 06 25.3	18 15.46	-23 01.5	20.9	-0.85	- 0.2	0.1/25.3	15097
1999 VZ ₂₀	2002 06 24.9	18 14.01	-29 35.0	18.3	-1.07	- 4.1	2.4/24.5	13619	2000 AW ₇₆	2002 06 25.3	18 15.51	-21 12.1	17.8	-0.90	- 1.2	0.8/25.4	31890
2001 DV ₁₈	2002 06 24.9	18 14.02	-63 24.0	20.0	-1.89	+ 1.4	13.1/25.2	11864	2001 FG ₃	2002 06 25.3	18 15.51	-07 10.5	18.1	-0.81	- 1.0	6.0/25.8	31942
1999 VF ₅₃	2002 06 24.9	18 14.03	-27 23.8	18.9	-1.04	- 1.6	1.3/24.8	13621	1998 HV ₁₂₉	2002 06 25.3	18 15.68	-27 18.8	19.0	-1.15	- 0.5	1.7/25.3	9708
1995 SG ₂₉	2002 06 24.9	18 14.08	-28 06.4	19.8	-1.00	- 0.2	2.4/24.9	163	1995 WX ₄₂	2002 06 25.3	18 15.68	-21 54.9	17.3	-1.03	- 5.1	0.5/25.5	13544
2001 AN ₄	2002 06 24.9	18 14.15	-18 43.3	17.8	-1.08	+ 2.7	2.0/24.9	10672	1999 XU ₁₉₁	2002 06 25.3	18 15.78	-34 08.2	19.4	-0.94	- 0.7	3.3/25.1	20745
2000 TE ₃₃	2002 06 24.9	18 14.19	-32 56.0	17.1	-1.53	+12.2	4.8/26.0	18298	1999 WO ₆	2002 06 25.3	18 15.79	-29 34.7	19.5	-0.99	- 3.6	1.9/25.0	38125
1999 RU ₁₆₀	2002 06 24.9	18 14.22	-14 17.5	18.6	-1.03	- 2.5	3.8/25.4	12156	1997 AD	2002 06 25.3	18 15.83	-30 35.7	17.4	-1.14	+ 4.3	2.9/25.6	13548
2001 FS ₆₈	2002 06 24.9	18 14.22	-07 14.1	17.7	-0.81	- 1.4	5.8/25.5	31944	1999 XQ ₁₁₀	2002 06 25.3	18 15.90	-21 32.1	20.0	-0.93	+ 1.2	0.6/25.4	40416
1999 TT ₂₁₅	2002 06 24.9	18 14.26	-18 32.1	19.8	-0.96	- 0.9	1.7/25.1	13615	1995 VH ₁₈	2002 06 25.4	18 15.88	-22 08.1	19.2	-1.00	+ 0.6	0.6/25.4	1901
1996 AX ₁	2002 06 24.9	18 14.29	-22 03.4	20.5	-1.10	+ 2.1	0.4/25.0	23431	1999 TY ₃₆	2002 06 25.4	18 15.99	+10 34.8	18.9	-0.87	+ 0.2	12.1/25.9	13611
1998 RO ₆₆	2002 06 25.0	18 14.21	-32 26.4	19.2	-0.90	+ 0.2	2.5/24.9	31827	1999 XJ ₂₄₂	2002 06 25.4	18 16.08	-36 03.9	20.2	-0.94	- 2.0	3.5/24.9	17116
1999 VT ₉₀	2002 06 25.0	18 14.25	-29 02.2	19.8	-1.01	- 1.0	1.7/24.8	38822	1998 QR ₄₈	2002 06 25.4	18 16.14	-23 45.0	16.5	-0.97	+ 0.3	0.2/25.4	25716
2000 EK ₁₁₂	2002 06 25.0	18 14.27	-21 20.8	20.2	-0.79	- 0.3	0.6/25.1	7014	1998 FP ₄₆	2002 06 25.4	18 16.14	-30 33.6	18.7	-1.19	- 0.6	3.0/25.3	10317
2000 YB ₉₃	2002 06 25.0	18 14.34	-20 11.6	18.9	-1.05	- 0.1	1.4/25.1	11018	1998 CE ₂	2002 06 25.4	18 16.19	-27 28.7	16.1	-0.87	+ 5.5	2.4/25.7	40321
2001 FO ₁₄₀	2002 06 25.0	18 14.40	-20 59.7	20.3	-0.94	- 2.0	0.8/25.1	13349	2001 CT ₃₀	2002 06 25.4	18 16.25	-47 04.3	18.6	-1.27	- 0.8	9.3/24.7	14264
1998 XS ₇₃	2002 06 25.0	18 14.42	-29 07.1	18.2	-0.71	+ 0.6	1.3/25.0	13587	2000 AY ₇₈	2002 06 25.4	18 16.27	-16 36.6	18.3	-0.91	+ 1.2	2.3/25.5	25769
1998 HJ ₇₇	2002 06 25.0	18 14.43	-31 33.7	18.7	-1.18	- 1.0	3.3/24.8	10852	1998 RQ ₆₈	2002 06 25.4	18 16.30	-25 24.9	18.4	-0.93	- 0.2	0.7/25.4	30281
1999 TY ₁₂₃	2002 06 25.0	18 14.44	-14 16.0	19.7	-1.02	+ 0.2	3.8/25.1	13613	2001 BW	2002 06 25.4	18 16.30	-42 05.2	18.7	-1.21	+ 1.7	7.0/25.6	12272
1999 TX ₁₀₁	2002 06 25.0	18 14.46	-37 07.0	18.2	-1.13	- 4.2	4.6/24.1	13612	2567 P-L	2002 06 25.4	18 16.31	-26 42.5	18.6	-0.95	- 0.6	1.2/25.4	13872
1999 RK ₁₄₄	2002 06 25.0	18 14.47	-12 11.9	19.6	-1.04	+ 2.2	5.5/24.9	39312	1999 NY ₉	2002 06 25.4	18 16.33	-12 34.9	18.3	-1.05	- 3.1	4.2/26.1	13603
1999 RM ₁₇₉	2002 06 25.0	18 14.48	-29 59.3	18.8	-1.18	- 2.3	2.8/24.8	12156	1999 VF ₆₅	2002 06 25.4	18 16.36	-24 03.4	20.8	-1.01	- 0.6	0.2/25.5	2165
1996 HT ₁₁	2002 06 25.0	18 14.53	-24 54.2	19.3	-0.88	- 0.5	0.5/25.0	18144	1999 RM ₁₁₂	2002 06 25.5	18 16.29	-22 30.5	18.2	-1.16	+ 0.8	0.4/25.5	12154
2001 FT ₉₅	2002 06 25.0	18 14.59	-29 58.2	19.4	-0.95	- 2.4	2.2/24.8	17583	2001 CF ₃₂	2002 06 25.5	18 16.32	-29 40.4	18.2	-1.01	- 1.9	2.6/25.2	25896
1999 XG ₁₀₉	2002 06 25.0	18 14.62	-17 01.2	19.9	-0.92	+ 0.1	2.1/25.2	1554	1999 VQ ₄₉	2002 06 25.5	18 16.35	-40 30.9	16.1	-0.86	- 7.5	10.0/23.2	10924
1998 RK ₆₂	2002 06 25.1	18 14.62	-02 26.2	18.8	-0.86	- 0.4	7.5/25.3	18169	1999 XV ₁₀₆	2002 06 25.5	18 16.37	-22 19.2	20.6	-1.14	+ 1.6	0.4/25.5	5674
2000 AX ₁₉₀	2002 06 25.1	18 14.70	-00 54.6	18.0	-0.90	- 0.1	8.5/25.3	31893	1998 SU ₁₄₆	2002 06 25.5	18 16.41	-08 04.2	18.5	-0.79	+ 0.3	4.8/25.8	13581
2001 FX ₈₀	2002 06 25.1	18 14.72	-25 41.5	17.7	-0.95	- 2.2	0.9/25.0	31944	1999 VR ₈₆	2002 06 25.5	18 16.63	-31 24.7	19.1	-1.21	- 1.8	3.4/25.2	2683
1999 VC ₅	2002 06 25.1	18 14.73	-28 37.1	19.7	-1.03	- 1.1	1.7/25.0	14147	1998 HD ₈₇	2002 06 25.5	18 16.64	-23 14.2	18.2	-1.16	+ 1.0	0.1/25.6	12866
2001 CK ₇	2002 06 25.1	18 14.80	-22 57.6	19.6	-1.09	- 2.2	0.2/25.2	10750	2001 DB ₉₂	2002 06 25.5	18 16.68	-01 22.6	18.6	-0.88	+ 1.3	8.7/25.7	11914
1999 RV ₁₇₄	2002 06 25.1	18 14.80	-12 38.3	19.0	-1.02	- 1.5	4.5/25.5	15645	1998 HN ₁₇	2002 06 25.5	18 16.69	-26 20.6	18.3	-1.13	+ 1.1	1.3/25.6	9073
1999 WG ₁₅	2002 06 25.1	18 14.82	-25 42.8	18.8	-1.07	- 2.0	1.2/25.0	686	1999 TW ₁₂₂	2002 06 25.5	18 16.76	-03 22.1	20.3	-0.89	+ 0.6	6.6/25.8	12172
2001 AR ₂₃	2002 06 25.1	18 14.94	-31 31.7	18.5	-1.09	+ 3.1	3.1/25.3	12269	2000 DS ₈	2002 06 25.6	18 16.71	-19 33.7	20.5	-0.65	- 0.4	0.8/25.7	13658
4659 P-L	2002 06 25.1	18 14.96	-09 43.6	19.6	-0.80	- 0.1	4.2/25.4	12342	1999 VV ₁₆₆	2002 06 25.6	18 16.77	-27 55.9	18.7	-0.99	- 0.2	1.8/25.5	12198
2000 AB ₈₃	2002 06 25.1	18 15.06	-16 34.2	19.1	-0.79	- 0.6	2.0/25.4	13645	2001 FA ₄₂	2002 06 25.6	18 16.79	-34 02.4	20.0	-1.01	+ 0.1	3.3/25.4	13829
1998 RG ₃	2002 06 25.1	18 15.08	-13 28.0	18.6	-1.01	+ 3.5	4.3/24.8	33563	2000 AL ₇₆	2002 06 25.6	18 16.81	-16 21.4	19.0	-0.78	+ 0.4	1.9/25.7	31890
1997 CM ₁	2002 06 25.1	18 15.11	-32 30.4	17.3	-1.07	- 0.6	3.7/25.0	10838	1998 SX ₆₃	2002 06 25.6	18 16.81	-26 21.0	20.5	-0.87	- 1.5	0.9/25.5	13579
1999 LG ₁	2002 06 25.1	18 15.14	-07 01.9	17.8	-1.33	-19.4	8.4/28.5	31855	3043 T-3	2002 06 25.6	18 16.83	-19 55.2	21.2	-1.06	- 1.0	1.3/25.7	11067
1999 VV ₄	2002 06 25.2	18 15.04	-27 36.4	18.6	-1.12	- 1.5	1.7/25.0	11626	2000 BE ₃₈	2002 06 25.6	18 16.88	-22 04.4	19.3	-0.87	- 0.9	0.5/25.7	31896
1999 XY ₁₀₅	2002 06 25.2	18 15.09	-17 43.6	19.1	-0.97	- 1.0	1.9/25.4	2698	1999 UO ₃	2002 06 25.6	18 16.92	-13 47.1	17.9	-0.99	+ 0.8	4.1/25.7	12181
3519 P-L	2002 06 25.2	18 15.10	-18 36.2	18.2	-1.13	+ 4.0	2.3/25.1	12342	2001 FT ₁₄₃	2002 06 25.6	18 16.92	-22 46.6	18.1	-0.84	- 1.9	0.2/25.7	13352

1999 VK ₃₉	2002 06 25.6	18 16.95	-27 06.8	20.6	-1.01	- 1.8	1.3/25.5	38111	3117 T-3	2002 06 25.9	18 18.25	-21 30.0	20.9	-1.06	- 0.6	0.7/26.0	15990
1999 VQ ₂₈	2002 06 25.6	18 16.98	-21 52.1	18.7	-1.07	+ 0.1	0.6/25.7	12980	1998 HG ₅₃	2002 06 25.9	18 18.25	-19 42.7	16.2	-0.92	+ 1.3	1.9/26.0	31815
1995 MJ ₈	2002 06 25.6	18 17.02	-10 52.2	18.7	-0.95	- 1.0	6.1/26.0	15570	2001 AB ₂₅	2002 06 25.9	18 18.26	+05 19.5	17.9	-0.91	-13.5	12.7/02.2	31386
1998 QJ ₅₆	2002 06 25.6	18 17.03	+01 40.3	21.7	-1.05	- 1.2	9.7/25.5	33085	1999 US ₂₇	2002 06 25.9	18 18.28	-19 51.3	18.2	-1.02	- 0.1	1.6/26.0	8457
2001 AW ₄	2002 06 25.6	18 17.04	-22 11.3	19.6	-1.05	+ 0.6	0.4/25.7	12268	2000 AB ₁₂₈	2002 06 25.9	18 18.35	-19 20.8	20.3	-1.01	+ 0.2	1.4/26.0	14810
4818 P-L	2002 06 25.6	18 17.04	-33 05.5	17.5	-0.94	- 0.1	3.8/25.5	13873	2001 HY ₅₀	2002 06 25.9	18 18.35	-14 21.9	18.2	-0.83	+ 1.5	2.9/26.0	17606
1981 ER ₄₇	2002 06 25.6	18 17.06	-26 51.3	17.7	-1.07	- 1.1	1.4/25.6	13530	2000 WC ₃₇	2002 06 25.9	18 18.37	-16 18.7	17.9	-1.06	- 3.8	3.2/26.5	10643
2000 AV ₁₃₈	2002 06 25.6	18 17.07	-23 41.4	18.0	-1.01	- 4.2	0.1/25.7	13648	2001 DR ₆₇	2002 06 25.9	18 18.43	-14 52.5	19.2	-1.02	- 1.2	3.3/26.3	12301
1998 QS ₈₇	2002 06 25.6	18 17.11	+02 48.5	16.3	-0.75	+ 8.2	13.4/22.9	31822	2001 FM ₁₂₇	2002 06 25.9	18 18.44	-40 52.0	19.9	-1.04	- 3.1	5.4/24.9	13341
1997 ET ₂	2002 06 25.6	18 17.12	-02 29.4	18.1	-0.88	- 2.2	7.7/26.9	13550	2001 FX ₁₂₆	2002 06 26.0	18 18.37	-54 39.1	18.4	-1.29	- 2.5	10.0/24.0	13340
1998 JB ₁	2002 06 25.6	18 17.13	-31 29.6	17.5	-1.07	- 4.3	3.9/25.1	12125	1999 RQ ₈₈	2002 06 26.0	18 18.40	-13 34.8	20.0	-1.04	0.0	4.0/26.2	13605
2001 FH ₆₂	2002 06 25.6	18 17.14	-10 58.4	19.8	-0.82	- 1.3	4.5/26.2	13833	2001 BB ₃₁	2002 06 26.0	18 18.45	-16 34.7	18.7	-1.04	- 2.9	2.6/26.4	12275
1999 TE ₂₄₂	2002 06 25.6	18 17.14	-30 13.7	18.5	-1.10	- 5.8	2.6/25.1	12178	1996 XN ₅	2002 06 26.0	18 18.45	-25 30.1	18.6	-1.08	- 1.4	0.8/25.9	13548
4812 P-L	2002 06 25.6	18 17.15	-24 03.6	20.2	-0.86	- 0.5	0.2/25.7	32042	2001 CH ₉	2002 06 26.0	18 18.47	-29 00.7	20.3	-1.01	- 1.7	2.1/25.8	12285
1999 RH ₇₅	2002 06 25.7	18 17.14	-24 26.6	19.9	-1.06	- 0.3	0.4/25.7	12152	2000 CZ ₁₃₆	2002 06 26.0	18 18.48	-18 08.6	19.7	-0.83	- 2.2	1.7/26.3	6268
2001 CO ₁₁	2002 06 25.7	18 17.15	-28 14.6	19.6	-1.10	- 0.7	1.9/25.6	13810	1999 VZ ₄	2002 06 26.0	18 18.53	-19 53.6	19.1	-1.04	+ 0.1	1.4/26.1	1520
5710 T-3	2002 06 25.7	18 17.18	-39 04.5	18.7	-1.15	- 4.4	5.9/24.5	11067	1999 XV ₁₀₀	2002 06 26.0	18 18.56	-25 14.4	17.6	-1.07	+ 1.4	0.7/26.0	11708
2000 AR ₁₅	2002 06 25.7	18 17.19	-26 44.4	18.4	-0.93	+ 2.4	1.2/25.7	13642	2001 BX ₁₂	2002 06 26.0	18 18.57	-43 23.3	19.3	-1.32	+ 0.1	7.7/25.6	12273
2001 BC ₃₃	2002 06 25.7	18 17.21	-19 24.0	19.7	-1.02	- 1.6	1.5/25.9	12276	1999 VN ₁₉₀	2002 06 26.0	18 18.67	-19 47.6	19.9	-0.97	- 1.0	1.4/26.2	13009
1995 XY ₄	2002 06 25.7	18 17.21	-17 37.4	19.7	-0.94	- 1.3	2.2/25.9	14349	2001 FX ₁₀₀	2002 06 26.0	18 18.76	-38 26.7	19.7	-0.98	- 1.3	4.3/25.5	30454
1999 UN ₁₂	2002 06 25.7	18 17.21	-24 49.6	19.6	-0.99	+ 0.4	0.5/25.7	38095	2000 DT ₁₀₇	2002 06 26.0	18 18.77	-28 21.5	19.6	-0.86	- 1.2	1.5/25.9	13660
1999 XH ₁₂₃	2002 06 25.7	18 17.23	-37 37.6	18.8	-1.20	- 1.4	5.8/25.1	13635	1999 VL ₅₂	2002 06 26.0	18 18.78	-24 22.0	17.7	-1.00	+ 0.7	0.4/26.1	12987
2000 AO ₄₂	2002 06 25.7	18 17.23	-30 36.9	18.2	-1.19	+ 0.5	3.0/25.6	13643	2000 YZ ₁₉	2002 06 26.0	18 18.82	-28 11.2	18.6	-1.17	- 1.0	2.1/25.9	11013
2001 FL ₆₃	2002 06 25.7	18 17.23	-21 17.7	19.0	-0.87	- 1.4	0.7/25.8	27767	1999 RB ₄₄	2002 06 26.0	18 18.84	-37 37.4	18.2	-1.17	- 2.6	5.0/25.2	13605
1998 FK ₄₈	2002 06 25.7	18 17.26	-16 01.5	18.1	-1.07	+ 0.3	3.0/25.9	18160	1996 TL ₅	2002 06 26.0	18 18.86	-18 23.0	19.1	-1.07	- 2.8	2.1/26.4	10835
1999 VK ₁₉	2002 06 25.7	18 17.27	-12 28.9	18.4	-0.95	+ 2.7	3.9/25.6	40390	1999 TG ₁₂	2002 06 26.1	18 18.79	-19 19.5	19.5	-1.06	- 1.0	1.7/26.2	12942
1999 TA ₂₀₅	2002 06 25.7	18 17.39	-25 59.4	17.4	-0.97	+ 1.2	1.4/25.7	12176	1999 AS ₁₀	2002 06 26.1	18 18.93	-22 03.9	18.8	-0.90	- 0.1	0.5/26.2	30289
1998 FM ₄₄	2002 06 25.7	18 17.42	-27 28.1	17.6	-1.02	- 0.7	2.1/25.6	8396	1998 VW ₄	2002 06 26.1	18 18.98	-34 38.7	19.6	-0.91	- 0.2	3.1/25.8	25720
2001 CO ₁₇	2002 06 25.7	18 17.44	-11 27.1	19.2	-0.90	- 4.1	4.6/26.7	11842	2001 DS ₃₄	2002 06 26.1	18 19.00	-16 48.9	18.7	-0.98	- 2.8	2.9/26.5	11878
1998 QM ₈₈	2002 06 25.7	18 17.51	-12 08.5	20.1	-0.84	+ 1.1	3.2/25.8	14358	1999 WG ₂₀	2002 06 26.1	18 19.01	-24 27.8	19.6	-0.99	+ 0.5	0.4/26.1	1546
1999 TP ₁₇₄	2002 06 25.7	18 17.53	-25 36.7	17.3	-1.02	- 3.7	1.0/25.6	12174	2000 AC ₉₉	2002 06 26.1	18 19.05	-22 32.4	16.6	-1.04	- 5.9	0.4/26.2	31890
1999 XT ₃₈	2002 06 25.8	18 17.59	-25 27.7	19.0	-0.92	- 0.8	0.7/25.7	13630	1999 UR ₂₅	2002 06 26.1	18 19.11	-27 27.1	19.8	-1.09	- 1.0	1.5/26.0	12970
2001 DS ₅	2002 06 25.8	18 17.65	-33 03.7	19.2	-1.25	- 3.5	4.2/25.2	14925	1999 TN ₇₂	2002 06 26.1	18 19.14	-40 36.2	18.9	-1.17	- 6.7	7.7/24.3	20742
2001 BK ₃₆	2002 06 25.8	18 17.66	-39 39.2	18.6	-1.15	+ 2.0	6.4/26.0	13806	2001 FM ₄₉	2002 06 26.1	18 19.18	-24 11.5	18.5	-0.93	0.0	0.3/26.2	30453
1999 XB ₁₃	2002 06 25.8	18 17.78	-09 13.3	19.4	-0.91	+ 1.4	4.7/25.9	1547	1998 RA ₃	2002 06 26.1	18 19.23	-20 30.0	19.4	-0.89	- 0.5	1.0/26.3	13574
1999 VO ₃₈	2002 06 25.8	18 17.79	-26 35.5	19.0	-1.04	- 2.2	1.2/25.7	13621	2129 P-L	2002 06 26.1	18 19.24	-14 49.7	19.0	-0.97	+ 0.1	3.2/26.4	12342
1996 AZ ₁₁	2002 06 25.8	18 17.93	-15 07.1	20.5	-0.90	+ 0.5	3.1/26.0	11475	1998 FK ₆₇	2002 06 26.1	18 19.27	-13 26.3	16.8	-0.96	- 2.7	5.0/26.7	31813
1999 TM ₁₇₇	2002 06 25.8	18 17.94	-13 14.7	18.7	-1.03	+ 0.8	4.3/25.9	1501	2001 FM ₁₃₇	2002 06 26.2	18 19.27	-18 37.3	19.2	-1.08	+ 1.4	1.8/26.2	17589
1998 QJ ₁₈	2002 06 25.8	18 17.95	-05 06.8	18.5	-0.93	- 2.7	6.9/26.6	39201	1998 UL ₃₀	2002 06 26.2	18 19.34	-23 46.0	17.3	-0.89	- 4.3	0.1/26.2	31840
2001 FK ₁₁	2002 06 25.8	18 17.99	-40 26.8	19.5	-1.03	- 0.4	5.6/25.4	31942	2000 AG ₇₈	2002 06 26.2	18 19.34	-18 22.6	18.3	-0.98	- 2.9	1.8/26.5	2714
1999 RY ₁₆₃	2002 06 25.9	18 17.94	-22 04.6	19.1	-1.08	- 0.1	0.5/25.9	12156	1999 RQ ₈₂	2002 06 26.2	18 19.41	-43 29.6	17.3	-1.32	+ 3.8	9.2/27.0	12152
1999 XK ₁₂	2002 06 25.9	18 17.97	-16 02.7	17.4	-1.01	- 5.3	2.9/26.5	13628	2000 EJ ₁₁₂	2002 06 26.2	18 19.41	-24 11.5	19.8	-0.82	- 0.3	0.2/26.2	25018
2001 BV ₄₂	2002 06 25.9	18 17.98	-20 26.5	17.3	-1.00	+ 3.3	1.2/25.9	12277	1998 FC ₁₀₄	2002 06 26.2	18 19.41	-14 47.9	17.6	-0.99	+ 3.0	4.3/26.1	10849
2001 DS ₂₃	2002 06 25.9	18 18.04	-35 11.9	17.5	-1.06	- 1.1	5.5/25.5	17552	1998 HS ₁₂	2002 06 26.2	18 19.48	-20 23.0	19.8	-1.09	- 2.1	1.2/26.4	10851
1998 SQ ₁₃₉	2002 06 25.9	18 18.06	-18 24.4	17.8	-0.84	+ 1.5	1.5/25.9	31836	1995 FH ₁₉	2002 06 26.2	18 19.51	-23 42.9	19.6	-0.87	- 1.0	0.1/26.3	16725
2000 WN ₁₆₈	2002 06 25.9	18 18.07	-17 06.0	18.7	-1.04	- 5.4	2.4/26.5	12257	1999 RR ₂₂₁	2002 06 26.2	18 19.54	-31 37.3	18.5	-1.14	+ 2.1	4.1/26.2	12159
1999 XT ₂₃₄	2002 06 25.9	18 18.12	-15 21.5	18.6	-1.05	- 1.6	3.6/26.2	13082	2000 EG ₁₀₃	2002 06 26.2	18 19.55	-14 56.3	19.9	-0.81	- 0.5	2.4/26.5	31903
1999 RH ₂₃₉	2002 06 25.9	18 18.12	-15 23.7	18.6	-0.96	- 3.0	2.9/26.4	13608	1997 EA ₃₆	2002 06 26.2	18 19.60	-21 48.4	18.5	-1.00	- 1.3	0.6/26.3	13551
1999 UV ₂₃	2002 06 25.9	18 18.14	-39 25.0	18.3	-1.14	+ 0.4	5.6/25.7	13617	1998 TS ₃₃	2002 06 26.2	18 19.65	-21 52.8	19.2	-0.82	- 0.8	0.4/26.3	13583
1999 TY ₁₀	2002 06 25.9	18 18.18	-16 08.1	18.4	-0.95	- 1.2	2.9/26.2	15049	1999 UY ₄₉	2002 06 26.2	18 19.65	-21 46.0	20.0	-0.98	- 1.3	0.6/26.4	14376
2001 FX ₃₉	2002 06 25.9	18 18.22	-33 36.7	17.8	-1.15	- 0.1	4.2/25.7	12004	2000 SD ₂₃₂	2002 06 26.2	18 19.69	+14 06.3	20.0	-1.14	+ 0.4	15.6/26.7	10986

2000 CU ₂₅	2002 06 26.3	18 19.60	-10 01.3	20.3	-0.80	- 1.6	3.8/26.9	29209	2001 DH ₆	2002 06 26.5	18 20.77	-42 17.4	19.3	-1.16	+ 0.2	7.2/26.2	13812
1999 TH ₅₅	2002 06 26.3	18 19.67	-28 31.8	20.5	-1.03	- 0.7	1.8/26.1	12948	1999 RT ₂₁₉	2002 06 26.5	18 20.77	-23 45.8	17.1	-0.99	- 6.4	0.2/26.5	10402
1998 HW ₈	2002 06 26.3	18 19.69	-15 07.6	20.1	-1.03	- 1.6	3.5/26.7	16810	1998 HN ₁₃₉	2002 06 26.5	18 20.79	-20 54.1	17.1	-1.09	- 4.4	1.2/26.7	12125
2000 AP ₁₀₂	2002 06 26.3	18 19.70	-21 17.1	18.9	-0.97	- 4.4	0.7/26.5	13646	2001 BR ₂₀	2002 06 26.5	18 20.82	-27 22.5	20.0	-1.04	- 1.7	1.5/26.4	11032
2001 BF ₃₆	2002 06 26.3	18 19.70	-24 57.7	19.0	-1.07	- 1.2	0.6/26.3	11035	1998 HB ₁₀₁	2002 06 26.5	18 20.83	-13 47.3	19.6	-1.02	+ 0.9	4.1/26.7	10323
2000 CL ₇₉	2002 06 26.3	18 19.70	-22 40.4	20.1	-0.85	- 0.4	0.2/26.3	19507	1999 RC ₃₁	2002 06 26.5	18 20.85	-57 19.8	22.1	-1.58	+ 0.5	8.9/25.3	38073
2000 YV ₁₂₅	2002 06 26.3	18 19.75	-35 16.2	20.8	-1.21	+ 0.3	4.6/26.1	13802	1999 RC ₁₄₄	2002 06 26.5	18 20.91	-30 37.5	19.4	-1.16	+ 1.1	2.9/26.5	11547
1979 MZ ₁	2002 06 26.3	18 19.76	-17 09.3	18.8	-0.90	- 2.0	2.3/26.6	27573	1998 RA ₅₅	2002 06 26.5	18 20.92	-01 20.9	18.5	-0.85	+ 2.8	9.9/26.0	34022
2000 YZ ₆₇	2002 06 26.3	18 19.82	+04 58.4	19.4	-0.89	- 6.6	10.0/29.9	12263	1999 XO ₆₁	2002 06 26.6	18 20.87	-19 35.3	19.5	-1.06	- 0.2	1.6/26.7	13043
1995 RH	2002 06 26.3	18 19.82	-19 56.2	17.1	-1.29	-15.7	1.6/26.9	37645	1998 OD ₇	2002 06 26.6	18 20.87	-29 18.0	18.2	-1.00	+ 1.8	2.1/26.6	30272
3195 T-3	2002 06 26.3	18 19.90	-02 52.2	17.8	-0.83	+ 0.1	9.3/26.9	32044	1998 KW ₁₂	2002 06 26.6	18 20.91	-27 29.3	18.7	-1.06	- 1.3	1.9/26.4	23459
1999 RL ₈₉	2002 06 26.3	18 19.97	-27 45.8	17.9	-1.08	- 0.4	1.9/26.3	18211	2001 FF ₆₁	2002 06 26.6	18 20.91	-11 38.0	20.0	-0.90	- 1.5	4.1/27.1	12031
2001 FT ₃₇	2002 06 26.3	18 20.04	-01 41.5	19.4	-0.90	- 0.6	8.0/27.1	13829	1999 XA ₁₆₄	2002 06 26.6	18 20.93	-22 51.6	21.8	-0.93	- 1.5	0.1/26.6	10940
1999 SR ₁₀	2002 06 26.3	18 20.07	-11 48.0	18.2	-1.02	+ 1.7	5.4/26.4	12160	2001 AC ₁₈	2002 06 26.6	18 20.94	-01 16.9	19.8	-0.78	- 2.8	6.1/28.3	13804
2000 YU ₁₀₄	2002 06 26.3	18 20.07	-14 19.2	17.1	-0.88	- 4.5	3.7/27.1	31932	2035 T-1	2002 06 26.6	18 20.99	-26 41.0	18.8	-1.02	- 0.7	1.6/26.5	38737
1999 XX ₂	2002 06 26.3	18 20.11	-39 14.7	19.7	-1.12	- 2.3	5.2/25.5	12204	2000 AS ₇₂	2002 06 26.6	18 21.14	-24 08.6	16.8	-0.97	- 6.2	0.3/26.6	12226
1999 SE ₂₂	2002 06 26.4	18 20.04	-30 17.8	18.9	-1.12	- 3.2	2.8/26.0	11561	2000 CG ₉₇	2002 06 26.6	18 21.15	-01 06.0	20.0	-0.74	- 0.8	5.8/27.4	13657
2001 BY ₆₁	2002 06 26.4	18 20.05	-03 02.6	18.8	-0.91	+ 0.2	8.4/27.0	14920	1993 TS ₂₂	2002 06 26.6	18 21.16	-37 26.8	19.2	-1.01	- 1.7	4.4/25.9	1414
1995 SW ₈	2002 06 26.4	18 20.07	-35 28.0	19.4	-1.11	+ 1.0	6.0/26.4	15572	2001 DR ₁₅	2002 06 26.6	18 21.17	-20 43.3	20.4	-0.98	- 2.4	0.9/26.8	12294
2001 FC ₄₀	2002 06 26.4	18 20.12	-26 39.8	19.0	-0.95	- 0.1	1.2/26.3	27766	2000 AR ₁₅₅	2002 06 26.6	18 21.19	-24 28.7	19.0	-1.03	- 0.6	0.4/26.6	14812
1999 RZ ₁₆₅	2002 06 26.4	18 20.14	-21 06.8	19.0	-1.04	- 0.9	0.9/26.5	13607	2001 DJ ₁₂	2002 06 26.6	18 21.19	-16 39.7	19.3	-0.95	- 1.9	2.4/27.0	11858
1998 HZ ₃₂	2002 06 26.4	18 20.15	-21 05.7	19.3	-1.08	0.0	1.0/26.5	9705	1998 SZ ₂	2002 06 26.6	18 21.21	-22 23.9	17.4	-0.96	- 5.9	0.4/26.8	13577
2001 DP ₂₁	2002 06 26.4	18 20.16	-16 20.4	17.8	-0.85	- 3.7	2.4/26.9	31939	1998 UB ₁	2002 06 26.6	18 21.22	-22 34.6	18.8	-0.94	- 0.4	0.3/26.7	38795
1998 SB ₇₄	2002 06 26.4	18 20.17	-20 27.2	19.7	-0.82	- 1.0	0.8/26.5	13579	1998 SB ₁₀₂	2002 06 26.6	18 21.27	-08 26.5	19.9	-0.82	- 0.2	4.7/27.1	31244
2001 AW ₂₄	2002 06 26.4	18 20.17	-15 00.3	19.9	-1.02	- 1.4	3.2/26.8	13804	2000 YV ₃₅	2002 06 26.6	18 21.30	-17 35.4	18.0	-1.03	- 3.0	2.3/27.0	11014
1998 QZ ₄₂	2002 06 26.4	18 20.18	-18 20.3	18.4	-0.94	- 2.2	2.1/26.7	30274	2001 DV ₂₈	2002 06 26.6	18 21.31	-26 37.5	19.4	-1.01	- 1.3	1.1/26.6	16091
2001 DE ₆₅	2002 06 26.4	18 20.19	-20 00.5	20.3	-1.01	- 1.2	1.2/26.6	17561	2000 YN ₁₁₅	2002 06 26.6	18 21.31	-26 45.9	18.5	-1.04	- 1.1	1.4/26.6	13802
2001 FP ₂₇	2002 06 26.4	18 20.21	-10 45.9	18.7	-0.82	+ 0.8	4.1/26.6	11987	6772 P-L	2002 06 26.6	18 21.32	-19 31.7	18.9	-1.01	- 0.9	1.5/26.8	11064
1999 VK ₄₀	2002 06 26.4	18 20.22	-19 38.4	17.8	-1.04	+ 2.0	1.7/26.4	38111	1998 VX ₅₁	2002 06 26.7	18 21.27	-29 22.9	18.6	-0.93	- 4.6	1.9/26.2	31844
2001 FR ₂₁	2002 06 26.4	18 20.22	-26 28.8	18.9	-0.87	- 2.3	0.9/26.3	13289	1999 TW ₁	2002 06 26.7	18 21.39	-14 34.7	17.4	-0.97	- 0.4	4.2/27.0	13609
1999 YQ ₉	2002 06 26.4	18 20.24	-36 54.4	19.1	-0.96	+ 0.5	3.9/26.2	13641	2001 FB ₁₁₇	2002 06 26.7	18 21.44	-32 09.7	19.8	-1.12	+ 3.1	3.2/26.8	17586
1998 HS ₁₀₆	2002 06 26.4	18 20.30	-19 39.0	16.9	-0.98	- 6.9	1.8/26.8	31816	2001 FN ₁₁₃	2002 06 26.7	18 21.44	-27 22.7	19.9	-1.05	+ 2.2	1.4/26.7	27193
1999 TN ₁₁₇	2002 06 26.4	18 20.30	-23 21.9	18.3	-1.04	+ 0.9	0.0/26.5	12171	1998 SJ ₂₆	2002 06 26.7	18 21.51	-38 46.6	18.8	-0.96	- 2.2	4.2/25.8	31830
1999 TM ₁₁₀	2002 06 26.4	18 20.30	-13 56.6	19.1	-1.02	+ 0.7	3.8/26.6	11582	1998 VY ₈	2002 06 26.7	18 21.53	-06 29.9	19.9	-0.81	+ 2.2	4.9/26.7	1984
2001 FW ₃₇	2002 06 26.4	18 20.30	+05 42.5	18.3	-0.83	- 0.4	10.3/27.5	13829	1999 VX ₄	2002 06 26.7	18 21.55	-22 13.2	19.2	-1.00	- 0.4	0.4/26.8	12186
1999 VD ₁₆₉	2002 06 26.4	18 20.33	-26 22.4	19.1	-1.10	- 1.2	1.3/26.3	15052	1999 XZ ₁₀₁	2002 06 26.7	18 21.63	-26 44.2	17.8	-1.07	+ 1.0	1.3/26.7	40415
1999 RZ ₁₆₇	2002 06 26.4	18 20.36	-37 20.1	18.6	-1.26	- 0.3	5.9/26.0	12156	1999 XY ₃₆	2002 06 26.7	18 21.63	-43 26.9	18.7	-1.21	- 2.9	7.1/25.4	14380
1999 XL ₁₀₇	2002 06 26.4	18 20.40	-06 52.3	18.6	-0.84	+ 2.3	5.1/26.6	13634	2000 DO ₉₅	2002 06 26.7	18 21.64	-25 06.3	19.8	-0.82	- 1.0	0.5/26.7	31901
1999 XT ₂₃₆	2002 06 26.4	18 20.44	-24 00.4	17.9	-0.99	+ 0.3	0.2/26.5	13640	1998 HN ₃₂	2002 06 26.7	18 21.67	-11 18.4	17.4	-0.95	+ 0.6	5.9/27.0	31815
1998 UQ ₂₅	2002 06 26.4	18 20.49	-18 30.7	17.1	-0.85	- 2.5	1.9/26.8	13583	1999 XZ ₄₂	2002 06 26.7	18 21.72	-26 29.6	19.9	-1.04	- 0.8	1.1/26.7	14799
2000 AT ₁₄₉	2002 06 26.5	18 20.43	-12 45.9	19.3	-0.87	+ 0.1	3.3/26.7	30347	1999 RT ₁₆₆	2002 06 26.7	18 21.73	-23 11.9	16.8	-1.02	- 4.2	0.1/26.8	9746
1998 SH ₁₀₀	2002 06 26.5	18 20.53	-37 31.9	17.9	-1.02	+ 0.7	5.1/26.3	31833	1999 VE ₅₆	2002 06 26.7	18 21.74	-33 56.0	18.6	-1.03	- 2.1	3.6/26.3	13622
1999 TW ₁₉₃	2002 06 26.5	18 20.57	-32 18.8	19.2	-1.20	- 1.0	3.8/26.2	667	1999 RO ₁₈₂	2002 06 26.7	18 21.75	-32 06.5	18.3	-1.15	+ 0.9	3.7/26.7	13607
2001 KZ ₅₂	2002 06 26.5	18 20.57	-54 19.8	18.9	-1.25	- 1.0	9.0/24.9	17618	1999 XJ ₁₁₆	2002 06 26.7	18 21.78	-41 42.0	18.9	-1.19	- 3.0	6.5/25.6	13634
2000 CK ₂₇	2002 06 26.5	18 20.57	-09 55.7	18.0	-0.72	- 1.3	4.0/27.1	31897	2001 DK ₆	2002 06 26.8	18 21.69	-34 07.4	19.4	-1.15	- 1.1	3.9/26.4	12292
1999 XK ₁₁₁	2002 06 26.5	18 20.57	-60 47.2	21.4	-1.74	- 3.6	10.4/23.0	40417	1981 EG ₈	2002 06 26.8	18 21.73	-25 11.4	18.4	-0.98	+ 1.9	0.9/26.8	26916
1998 VC ₈	2002 06 26.5	18 20.58	-07 40.1	18.9	-0.81	0.0	5.0/26.9	31841	2001 BE ₄₃	2002 06 26.8	18 21.75	-18 44.2	18.9	-1.07	+ 1.2	1.9/26.9	11828
1999 VJ ₂₁	2002 06 26.5	18 20.63	-20 07.0	20.3	-1.03	- 0.3	1.2/26.6	15051	2001 BF ₇₀	2002 06 26.8	18 21.82	+10 52.1	19.4	-0.96	- 1.8	11.4/28.6	13809
2000 CO ₁₀	2002 06 26.5	18 20.70	-12 53.0	17.6	-0.83	- 3.4	3.7/27.2	15668	2001 FO ₃₄	2002 06 26.8	18 21.83	-29 10.9	19.0	-0.97	+ 0.2	2.1/26.7	13828
2001 BG ₇₃	2002 06 26.5	18 20.72	-05 18.7	20.3	-0.89	+ 0.4	6.1/27.1	12282	1999 XN ₅₇	2002 06 26.8	18 21.84	-18 18.4	18.2	-0.96	+ 0.2	2.2/26.9	14799
1998 KR ₈	2002 06 26.5	18 20.72	-15 18.8	17.1	-0.96	- 4.4	3.7/27.2	12125	2001 CG ₂	2002 06 26.8	18 21.86	-21 20.1	19.3	-1.07	- 2.7	0.8/26.9	12283

1999 RV ₁₉₇	2002 06 26.8	18 21.88	-13 37.5	18.6	-1.05	+ 2.1	4.1/26.8	12157	1999 XD ₂₂₃	2002 06 27.2	18 23.33	-17 38.5	18.2	-0.87	- 5.4	1.7/27.7	39566
2001 CM ₁₈	2002 06 26.8	18 21.91	-20 20.8	19.7	-1.12	- 2.0	1.3/27.0	12287	2001 CS ₁₇	2002 06 27.2	18 23.40	-20 14.3	19.8	-1.09	- 3.8	1.3/27.4	12286
2001 FD ₁₆	2002 06 26.8	18 21.91	-34 29.3	18.0	-0.93	- 1.3	4.1/26.3	30453	2000 AY ₁₀₀	2002 06 27.2	18 23.40	-18 18.2	17.4	-0.98	- 4.3	2.1/27.6	14388
1998 RZ ₄₈	2002 06 26.8	18 21.92	-18 47.6	18.6	-0.97	- 0.1	1.8/27.0	31825	2000 CO ₅₉	2002 06 27.2	18 23.40	-10 27.0	18.5	-0.79	- 0.1	4.7/27.6	13151
1979 MV ₃	2002 06 26.8	18 21.95	-15 42.2	18.6	-0.99	+ 0.1	3.7/27.0	30778	2000 AE ₄₈	2002 06 27.2	18 23.47	-20 26.2	19.1	-1.04	- 1.2	1.1/27.3	14806
2001 FA ₁₅₉	2002 06 26.8	18 22.01	-01 10.9	18.8	-0.90	- 1.7	8.1/28.0	16094	2001 CL ₄₅	2002 06 27.3	18 23.75	-39 35.9	19.5	-1.17	- 3.6	5.7/26.1	13252
1999 RQ ₁₆₇	2002 06 26.8	18 22.05	-32 26.1	19.0	-1.18	- 1.3	3.5/26.5	13607	1992 SK ₃	2002 06 27.3	18 23.77	-11 10.1	19.8	-0.79	- 1.3	3.6/27.9	12840
2001 BE ₅₈	2002 06 26.8	18 22.06	-22 36.8	18.1	-1.12	+ 0.2	0.3/26.9	12279	2000 YD ₆₀	2002 06 27.3	18 23.81	-21 08.6	18.2	-1.01	+ 1.1	0.9/27.3	11016
1999 VG ₆₂	2002 06 26.8	18 22.07	-14 48.1	18.4	-0.96	+ 2.0	3.9/26.9	10925	2001 FY ₄₂	2002 06 27.3	18 23.83	-14 09.8	19.3	-0.88	- 0.6	3.3/27.6	13298
1999 WX ₄	2002 06 26.8	18 22.10	-19 41.3	18.3	-0.97	- 1.5	1.3/27.0	13626	2001 CL ₃₀	2002 06 27.3	18 23.86	-05 55.6	19.9	-0.89	- 1.1	5.5/28.1	13811
2000 YQ ₅₀	2002 06 26.8	18 22.10	-17 17.4	18.6	-1.05	- 2.7	2.6/27.2	11015	3322 T-3	2002 06 27.3	18 23.86	-06 15.2	19.3	-0.88	0.0	5.5/27.8	13877
1999 TR ₁₃	2002 06 26.8	18 22.11	-44 07.4	18.1	-1.23	- 1.1	7.0/26.0	13610	2001 FJ ₄₀	2002 06 27.3	18 23.89	-40 32.1	17.3	-1.04	- 0.4	6.1/26.7	31943
1994 EG ₅	2002 06 26.8	18 22.14	-32 30.3	19.9	-1.18	+ 1.3	3.6/26.8	12109	1998 QJ ₅	2002 06 27.3	18 23.94	-20 38.5	18.1	-0.95	+ 0.8	1.0/27.4	12129
1999 XT ₁₅₁	2002 06 26.8	18 22.16	-28 23.2	19.6	-0.89	+ 1.2	1.6/26.8	30342	2001 BE ₃₀	2002 06 27.3	18 23.96	-22 07.0	19.7	-1.13	- 0.3	0.5/27.4	12275
1999 RS ₂₃₆	2002 06 26.9	18 22.11	-28 13.2	19.2	-1.12	- 3.5	1.9/26.6	17041	2001 FW ₁₂₈	2002 06 27.3	18 24.01	-14 19.9	19.3	-0.92	- 2.4	3.1/27.9	14269
2000 BX ₇	2002 06 26.9	18 22.17	-34 58.8	18.8	-0.96	+ 1.1	3.8/26.7	31895	1999 XT ₅₂	2002 06 27.3	18 24.01	-24 13.1	16.9	-0.98	+ 0.5	0.4/27.3	10935
2000 AX ₁₆₃	2002 06 26.9	18 22.21	-20 08.6	18.7	-0.95	- 0.6	1.2/27.0	27658	1997 EQ ₄₆	2002 06 27.3	18 24.02	-43 12.6	19.3	-1.21	- 0.2	6.3/26.8	13551
1999 XX ₄₉	2002 06 26.9	18 22.25	-24 33.7	19.4	-0.86	- 0.4	0.4/26.9	13631	2000 AB ₁₀₀	2002 06 27.3	18 24.03	-28 49.2	18.3	-1.01	- 3.7	1.7/26.9	14388
1996 GS ₁₈	2002 06 26.9	18 22.28	-27 59.5	18.5	-0.90	- 1.6	1.7/26.7	27585	2000 WJ ₁₀₅	2002 06 27.3	18 24.03	-21 04.8	19.0	-1.06	- 2.6	1.0/27.5	9424
1999 TN ₂₀₉	2002 06 26.9	18 22.31	-32 45.3	18.7	-1.05	+ 3.2	3.2/27.1	13615	1999 RQ ₁₁₄	2002 06 27.3	18 24.15	-24 22.8	18.0	-1.07	- 0.5	0.4/27.3	12154
1998 FP ₇₆	2002 06 26.9	18 22.34	-18 32.3	18.0	-1.06	- 2.5	2.1/27.2	12121	2001 FT ₁₆₃	2002 06 27.3	18 24.16	-27 14.7	17.3	-1.03	- 5.3	1.7/27.0	13373
1995 EJ ₅	2002 06 26.9	18 22.39	-10 37.4	19.1	-0.80	- 1.7	4.4/27.5	16724	1995 WQ ₁	2002 06 27.3	18 24.20	-22 12.8	17.9	-1.04	+ 0.7	0.4/27.4	40310
2001 FP ₉₆	2002 06 26.9	18 22.43	-41 21.3	17.5	-1.02	- 3.1	6.0/25.7	31944	2001 BU ₃₁	2002 06 27.3	18 24.22	-38 08.3	16.9	-1.21	+ 5.0	6.3/27.9	12275
2001 FU ₂₀	2002 06 26.9	18 22.43	-11 25.9	18.2	-0.82	+ 1.1	4.1/27.1	31942	1999 TB ₂₃₃	2002 06 27.3	18 24.22	-14 39.8	18.8	-0.96	- 5.2	3.1/28.2	13615
2001 HB ₄₅	2002 06 26.9	18 22.47	-36 51.7	18.8	-0.95	- 0.9	4.1/26.4	31947	2001 FA ₄₅	2002 06 27.4	18 24.23	-20 19.1	18.7	-0.88	- 1.0	1.0/27.5	31943
2001 AG ₁₈	2002 06 26.9	18 22.49	-43 48.4	18.0	-1.08	+ 1.0	6.7/26.7	31934	1999 TP ₁₁₇	2002 06 27.4	18 24.24	-31 40.9	19.7	-1.13	+ 0.6	3.2/27.2	12171
1981 EL ₂₃	2002 06 26.9	18 22.57	-18 28.5	19.5	-0.98	- 1.0	1.8/27.2	12102	2001 AD ₃₈	2002 06 27.4	18 24.27	-32 36.8	17.5	-1.07	- 5.2	3.5/26.6	13804
1999 VR ₁₄₇	2002 06 26.9	18 22.57	-22 37.5	17.9	-1.00	+ 1.1	0.3/27.0	15052	1999 XR ₁₁₉	2002 06 27.4	18 24.27	-26 16.5	19.1	-1.01	+ 1.0	1.1/27.4	17102
2001 DC ₈₁	2002 06 26.9	18 22.59	-20 18.6	16.9	-0.93	- 3.4	1.2/27.2	13816	2001 FX ₁₆₃	2002 06 27.4	18 24.33	-41 20.4	20.4	-1.25	+ 0.8	6.3/27.1	27194
2000 AZ ₈₅	2002 06 27.0	18 22.51	-26 44.2	17.6	-1.07	+ 4.1	1.4/27.1	27658	2001 DG ₆₂	2002 06 27.4	18 24.35	-11 17.3	19.9	-0.87	- 2.2	4.3/28.2	11893
1999 NX ₁₀	2002 06 27.0	18 22.54	-26 39.9	18.9	-1.19	+ 3.1	1.6/27.0	10352	2001 DA ₂₂	2002 06 27.4	18 24.35	-31 28.6	19.6	-0.93	- 2.9	2.6/26.9	13814
2000 YR ₁₀₅	2002 06 27.0	18 22.60	-35 30.6	19.2	-1.01	- 0.1	3.8/26.7	13802	2001 DN ₉	2002 06 27.4	18 24.40	-23 43.7	18.5	-1.01	- 3.6	0.2/27.4	12293
1999 TM ₃₉	2002 06 27.0	18 22.65	-20 25.2	19.0	-0.97	- 2.8	1.0/27.2	13611	2001 FO ₁	2002 06 27.4	18 24.41	-37 21.9	19.1	-1.01	+ 0.1	4.7/27.1	13822
2000 AP ₁₇₅	2002 06 27.0	18 22.68	-11 18.8	18.2	-0.95	- 5.4	4.7/28.1	13650	1999 RX ₁₀	2002 06 27.4	18 24.46	-24 19.6	18.4	-1.17	0.0	0.5/27.4	638
2001 OA ₈₄	2002 06 27.0	18 22.68	-39 26.6	18.7	-1.17	- 4.2	6.1/25.6	18344	2000 AY ₁₀₂	2002 06 27.4	18 24.49	-19 39.5	18.3	-1.02	- 2.2	1.4/27.7	2717
1998 FX ₁₀₅	2002 06 27.0	18 22.72	-18 43.8	18.8	-1.10	+ 1.0	1.9/27.1	10849	2001 DU ₄₄	2002 06 27.4	18 24.52	-12 17.7	19.1	-0.88	- 2.2	3.8/28.1	12299
1999 UQ ₁₁	2002 06 27.0	18 22.75	-41 54.2	17.7	-1.14	+ 0.7	6.0/26.7	25764	2001 FM ₁₅₂	2002 06 27.4	18 24.54	-28 46.4	17.6	-0.89	- 2.7	2.1/27.1	12088
2000 AE ₁₉₇	2002 06 27.0	18 22.78	-21 02.6	19.7	-0.80	+ 0.9	0.6/27.1	18226	1999 XQ ₁₇₈	2002 06 27.4	18 24.54	-26 02.0	17.8	-1.07	- 7.1	1.1/27.2	2242
1997 CF ₂₆	2002 06 27.0	18 22.80	-29 00.0	18.6	-1.05	- 1.7	2.0/26.8	13550	2000 AB ₅₀	2002 06 27.4	18 24.54	-25 37.5	18.9	-0.91	+ 1.8	0.7/27.5	7518
2001 CQ ₁₂	2002 06 27.0	18 22.92	-21 01.0	19.6	-0.96	- 1.9	0.8/27.2	12286	1997 GU ₁₀	2002 06 27.4	18 24.54	-18 28.4	21.1	-0.96	- 0.5	1.6/27.6	12117
2000 CT ₆₆	2002 06 27.0	18 22.92	-04 29.6	18.7	-0.89	+ 0.4	6.3/27.3	30350	2001 CK ₃₉	2002 06 27.4	18 24.56	-40 58.9	20.1	-1.18	- 0.3	6.2/27.0	17548
1998 FX ₁₀₈	2002 06 27.1	18 22.93	-17 23.0	17.7	-1.02	+ 2.3	2.9/27.1	10849	1998 FM ₆₁	2002 06 27.4	18 24.59	-32 54.1	17.2	-0.98	0.0	5.2/27.2	195
1999 RC ₁₉₂	2002 06 27.1	18 22.98	-20 40.5	19.5	-1.07	+ 1.6	1.0/27.1	13607	1999 TZ ₁₄	2002 06 27.4	18 24.67	-07 09.3	16.6	-0.96	+ 0.5	8.5/27.6	31864
1999 XP ₂₂₄	2002 06 27.1	18 23.00	-23 07.5	19.5	-0.91	- 1.5	0.1/27.1	10568	2001 FH ₁₇	2002 06 27.5	18 24.58	-25 17.8	19.2	-0.92	- 0.5	0.7/27.4	13286
2001 AJ ₁₆	2002 06 27.1	18 23.10	-21 27.9	17.5	-1.14	+ 0.7	0.8/27.2	13803	1998 RH ₇₇	2002 06 27.5	18 24.61	-10 21.2	19.0	-0.81	- 1.5	4.1/28.2	13576
2001 FX ₇₅	2002 06 27.1	18 23.12	-36 23.1	17.5	-1.02	- 2.8	5.2/26.2	31944	2000 AA ₁₄₆	2002 06 27.5	18 24.62	-30 58.0	18.8	-1.15	- 0.2	2.9/27.2	13648
1996 HC ₁₈	2002 06 27.1	18 23.22	-22 34.2	18.4	-0.86	- 0.7	0.3/27.2	11478	1999 VB ₂₂	2002 06 27.5	18 24.63	-22 00.4	18.3	-1.00	- 0.4	0.6/27.6	12188
2000 YC ₂₉	2002 06 27.1	18 23.33	-27 04.9	19.1	-1.16	- 1.9	1.5/27.0	13800	2000 BT ₃₃	2002 06 27.5	18 24.63	-16 49.2	18.3	-0.82	- 2.8	2.2/27.9	13653
1999 XJ ₂₁₃	2002 06 27.1	18 23.38	-15 10.3	20.3	-0.86	- 1.9	2.4/27.6	1558	2001 FQ	2002 06 27.5	18 24.63	-21 27.2	19.7	-0.97	- 3.5	0.6/27.6	13278
2000 AS ₁₃₉	2002 06 27.1	18 23.38	-17 28.6	17.3	-0.97	- 3.3	2.4/27.6	12229	2001 DC ₇₉	2002 06 27.5	18 24.70	-21 34.1	17.1	-0.94	- 5.7	0.7/27.7	13816
1999 RV ₁₂	2002 06 27.1	18 23.38	-13 38.5	18.6	-1.07	+ 0.8	4.5/27.3	36910	1981 ER ₄₅	2002 06 27.5	18 24.74	-12 14.1	19.9	-1.04	- 0.4	4.6/27.9	9664

2000 BC ₆	2002 06 27.5	18 24.80	-39 07.4	19.5	-1.18	-	3.0	5.4/26.4	2728	2000 AD ₃₀	2002 06 27.8	18 26.23	-27 03.1	20.7	-0.84	+	0.3	1.0/27.8	16045
2000 WU ₁₄₃	2002 06 27.5	18 24.88	-33 52.1	16.9	-1.17	-	4.7	5.3/26.6	12256	1989 AG ₆	2002 06 27.8	18 26.27	-22 51.2	18.4	-0.84	-	1.2	0.1/27.9	14344
1999 XG ₁₄₂	2002 06 27.5	18 24.90	-39 03.2	17.8	-1.28	-	8.9	5.3/25.4	20745	1998 HG ₁₀₅	2002 06 27.8	18 26.31	-23 57.8	17.7	-1.09	-	3.5	0.3/27.8	12124
1998 FK ₁₈	2002 06 27.5	18 24.91	-29 10.8	18.7	-1.20	+	0.2	2.6/27.4	13559	1999 VF ₁₈₅	2002 06 27.8	18 26.32	-17 07.4	19.1	-0.87	-	0.6	2.1/28.2	13625
2000 CK ₃	2002 06 27.5	18 24.96	-19 37.6	18.8	-0.97	-	2.0	1.3/27.8	2732	4184 T-2	2002 06 27.9	18 26.24	-24 49.6	18.9	-1.08	-	1.3	0.6/27.8	12343
1998 QF ₂₄	2002 06 27.5	18 25.02	-27 14.4	19.1	-1.00	+	1.3	1.4/27.5	12130	1999 RS ₈₁	2002 06 27.9	18 26.26	-36 20.1	18.3	-1.20	+	1.6	6.9/27.6	10373
1999 TN ₅	2002 06 27.5	18 25.04	-19 26.3	18.5	-1.03	-	0.8	1.7/27.7	12162	2001 AO ₁₈	2002 06 27.9	18 26.27	-30 33.8	18.6	-0.91	-	0.2	2.4/27.7	13804
2001 BG ₅₉	2002 06 27.6	18 25.08	-18 08.0	18.6	-1.06	-	1.4	2.0/27.8	14418	2001 FZ ₃₆	2002 06 27.9	18 26.33	-13 38.6	19.0	-0.89	-	1.4	3.7/28.4	17576
1999 XU ₄₇	2002 06 27.6	18 25.12	-25 37.2	18.3	-1.09	-	2.8	1.1/27.5	13039	1999 TU ₂₂₀	2002 06 27.9	18 26.37	-25 02.3	19.4	-1.09	+	0.6	0.7/27.9	11600
2001 BX ₇₃	2002 06 27.6	18 25.17	-19 32.6	20.2	-1.12	-	1.9	1.6/27.8	11836	2000 HD	2002 06 27.9	18 26.42	-20 16.7	17.7	-0.88	+	2.0	1.0/28.0	31908
2001 CG ₁₃	2002 06 27.6	18 25.19	-25 32.0	18.8	-0.95	-	2.1	0.8/27.5	10758	1999 VG ₁₈₈	2002 06 27.9	18 26.42	-20 50.7	19.6	-0.93	-	1.4	0.8/28.1	13625
1999 WH ₄	2002 06 27.6	18 25.25	-24 59.1	18.4	-1.10	-	1.7	0.7/27.6	17093	1999 VH ₄₀	2002 06 27.9	18 26.43	-27 31.8	18.1	-1.01	-	0.8	1.6/27.8	13621
1999 RA ₁₉₅	2002 06 27.6	18 25.28	-22 43.9	18.4	-1.12	+	3.7	0.2/27.6	12157	2000 CH ₂₀	2002 06 27.9	18 26.43	-11 41.5	18.7	-0.83	-	2.4	3.8/28.6	13654
1999 ST ₁₁	2002 06 27.6	18 25.34	-31 54.7	17.5	-1.15	-	4.5	4.0/26.9	12160	2001 DF ₄₄	2002 06 27.9	18 26.45	-12 09.2	18.5	-0.88	-	2.4	4.5/28.6	11884
1996 JT ₇	2002 06 27.6	18 25.36	-27 06.4	18.7	-0.91	-	2.6	1.2/27.4	31807	1999 TP ₂₁₅	2002 06 27.9	18 26.47	-30 23.1	17.9	-1.07	-	2.5	2.8/27.5	31870
2001 DR ₁₀₂	2002 06 27.6	18 25.41	-30 53.9	19.3	-1.17	-	2.4	3.0/27.2	11921	2001 FP ₁₂₈	2002 06 27.9	18 26.48	-44 39.8	17.4	-1.23	-	3.5	8.1/26.0	13342
1999 XC ₇	2002 06 27.6	18 25.41	-26 22.7	20.6	-0.98	-	0.9	1.0/27.6	12204	2001 FL ₁₁₃	2002 06 27.9	18 26.50	-32 57.2	18.6	-0.92	-	2.7	3.1/27.3	12077
1999 XT ₂₆₁	2002 06 27.6	18 25.52	-49 35.7	19.0	-1.38	-	1.2	9.2/26.0	13640	2001 CS ₃	2002 06 27.9	18 26.50	-34 45.4	19.1	-1.04	+	0.1	4.0/27.6	12284
2001 BQ ₁₅	2002 06 27.7	18 25.41	-43 05.8	17.4	-1.23	+	3.7	8.0/28.0	13805	1999 RM ₁₈₂	2002 06 27.9	18 26.52	-25 22.4	19.6	-1.09	-	0.3	0.8/27.9	12157
1996 HU ₂₀	2002 06 27.7	18 25.45	-19 10.4	18.8	-0.85	-	0.2	1.4/27.9	13546	2001 DE ₇₀	2002 06 27.9	18 26.55	-25 33.9	20.5	-1.00	-	0.2	0.8/27.9	11899
1247 T-2	2002 06 27.7	18 25.47	-19 11.6	20.5	-1.04	-	0.4	1.6/27.8	12343	2000 AX ₈₂	2002 06 27.9	18 26.57	-17 13.1	17.6	-0.97	-	1.4	2.9/28.2	14808
1999 VC ₂₈	2002 06 27.7	18 25.52	-21 49.5	18.1	-1.00	+	0.6	0.7/27.8	10923	1999 XB ₁₈₁	2002 06 27.9	18 26.58	-32 46.2	18.8	-0.99	+	0.2	2.9/27.7	13638
1999 UP ₁₄	2002 06 27.7	18 25.53	-03 25.0	20.4	-0.88	+	0.5	6.6/28.3	11615	2001 FD ₁₇	2002 06 27.9	18 26.61	-20 37.2	19.9	-0.87	-	0.6	0.9/28.1	19926
2001 FJ ₃	2002 06 27.7	18 25.53	-15 32.6	19.8	-0.82	-	1.1	2.4/28.1	19925	1999 TM ₂₃₄	2002 06 27.9	18 26.64	+05 40.9	18.6	-1.10	+12.6	13.3/23.4	18214	
1995 UN ₃₁	2002 06 27.7	18 25.56	-36 46.6	21.3	-1.14	-	1.5	4.9/27.1	4329	1999 XK ₂₄₄	2002 06 27.9	18 26.66	-01 02.8	19.9	-0.86	-	1.6	7.6/29.1	11733
1992 DJ ₆	2002 06 27.7	18 25.59	-20 21.2	20.4	-0.66	-	0.8	0.7/27.9	1876	1998 KN ₉	2002 06 27.9	18 26.67	-02 04.2	16.8	-0.92	+	4.5	8.8/27.5	31817
2000 YQ ₁₃₂	2002 06 27.7	18 25.69	-35 01.8	18.8	-1.08	+	3.0	3.8/27.9	13803	1997 GR ₉	2002 06 27.9	18 26.67	-36 23.3	19.5	-1.09	-	0.2	5.2/27.6	13551
1999 TE ₂₂₇	2002 06 27.7	18 25.69	-19 13.8	17.1	-1.03	+	4.7	1.6/27.7	12177	2000 XS ₁₄	2002 06 27.9	18 26.70	-00 13.1	18.6	-1.07	-	8.6	8.9/01.3	31365
2000 DU ₂₂	2002 06 27.7	18 25.73	-25 50.3	17.8	-0.93	-	0.4	1.0/27.7	19516	1996 EB ₁₂	2002 06 28.0	18 26.66	-35 26.5	20.4	-1.14	+	1.4	4.1/27.7	39170
2000 AJ ₁₉₈	2002 06 27.7	18 25.74	-19 15.9	18.6	-0.82	+	1.3	1.2/27.8	31894	1994 UH ₇	2002 06 28.0	18 26.68	-14 37.1	18.9	-0.90	+	1.1	2.9/28.2	13542
1998 SA ₆₁	2002 06 27.7	18 25.77	-26 34.3	18.1	-0.92	-	1.1	1.1/27.6	20705	1998 DJ ₂₀	2002 06 28.0	18 26.74	-35 16.9	16.9	-1.15	+	0.1	6.2/27.6	10844
1998 BB ₃₀	2002 06 27.7	18 25.83	-20 21.0	19.0	-1.12	-	2.0	1.3/27.9	10843	1999 SF ₃	2002 06 28.0	18 26.76	-33 03.6	17.6	-1.26	+	4.8	3.3/28.2	23507
1998 TQ ₉	2002 06 27.7	18 25.86	-16 28.7	20.1	-0.81	0.0	1.9/28.0	14768	2000 YB ₁₂₉	2002 06 28.0	18 26.79	-32 51.2	18.5	-1.24	+	0.4	4.1/27.8	13802	
1999 RR ₁₁₀	2002 06 27.7	18 25.86	-27 08.0	18.2	-1.14	+	2.6	1.7/27.8	12153	2000 YR ₁₀₈	2002 06 28.0	18 26.80	-27 56.1	19.5	-1.14	+	0.4	2.0/27.9	9545
4079 T-2	2002 06 27.7	18 25.87	-32 20.6	18.0	-1.05	-	1.4	4.0/27.3	12343	1997 HW ₉	2002 06 28.0	18 26.92	-13 16.8	19.3	-0.92	-	0.1	3.9/28.5	6757
1999 VE ₁₆₅	2002 06 27.7	18 25.88	-42 53.2	18.7	-1.17	-	3.2	6.8/26.4	11669	1995 SZ ₁₀	2002 06 28.0	18 26.95	-28 03.7	19.8	-1.12	-	1.1	2.1/27.8	12111
2001 FX ₁₄₄	2002 06 27.7	18 25.89	+19 39.7	19.6	-0.76	+	1.8	12.0/28.3	13844	2001 FM ₆₄	2002 06 28.0	18 26.96	-20 30.3	19.4	-0.85	-	1.3	0.9/28.2	18314
1981 RU ₇	2002 06 27.7	18 25.89	-06 15.6	19.3	-0.96	-	3.3	7.0/28.7	27574	1998 VG ₂₆	2002 06 28.0	18 26.98	-28 32.0	19.3	-0.90	-	0.9	1.6/27.8	232
2000 CZ ₉₈	2002 06 27.7	18 25.89	-18 08.7	17.4	-0.82	-	1.5	2.0/28.0	13158	1998 QJ ₈₇	2002 06 28.0	18 27.00	-32 18.4	18.2	-1.08	+	2.9	3.5/28.0	31822
1996 UC ₃	2002 06 27.8	18 25.84	-25 48.3	19.3	-0.70	+	0.1	0.6/27.7	27586	1999 XC ₂₇	2002 06 28.0	18 27.04	-24 52.4	18.4	-1.08	-	2.7	0.7/28.0	13629
2001 BG ₇₂	2002 06 27.8	18 25.88	-20 15.0	18.0	-0.95	+	2.0	1.1/27.8	16091	2001 FE ₁₇	2002 06 28.0	18 27.06	-15 42.6	18.5	-0.79	-	0.7	2.4/28.4	13285
1999 SB ₂₀	2002 06 27.8	18 25.92	-27 21.6	17.3	-1.07	-	7.9	2.1/27.3	12940	1999 UL ₅₁	2002 06 28.0	18 27.12	-19 52.1	19.3	-0.96	-	2.2	1.2/28.3	2679
2001 BN ₅₉	2002 06 27.8	18 25.92	-20 33.9	20.1	-1.06	+	0.2	1.0/27.9	11038	1998 FZ ₆₉	2002 06 28.1	18 27.18	-14 07.7	19.2	-1.05	-	2.1	3.8/28.7	8034
2001 FJ ₄₂	2002 06 27.8	18 25.92	-35 07.5	19.8	-0.96	-	0.3	3.9/27.4	13829	2000 CU ₇₉	2002 06 28.1	18 27.19	-21 31.0	19.0	-0.80	-	0.5	0.5/28.2	31898
1999 TO ₂₆	2002 06 27.8	18 26.05	-25 50.4	17.8	-1.04	-	0.9	1.2/27.7	12164	2001 BJ ₇₂	2002 06 28.1	18 27.20	-07 08.0	17.5	-0.90	-	7.1	7.5/30.0	31937
2000 CP ₃₈	2002 06 27.8	18 26.05	-23 00.5	20.4	-0.82	-	0.5	0.1/27.9	15672	1999 XY ₁₀₇	2002 06 28.1	18 27.24	-22 43.0	18.2	-0.98	-	1.6	0.2/28.2	13634
1999 VA ₁₈₉	2002 06 27.8	18 26.06	-22 26.4	18.6	-1.05	-	2.3	0.3/27.9	1542	2000 AQ ₁₅₆	2002 06 28.1	18 27.24	-29 09.6	19.0	-1.01	+	0.1	2.1/27.9	12230
1999 XL ₆₉	2002 06 27.8	18 26.06	-22 43.4	17.9	-1.08	-	0.9	0.3/27.9	12210	2000 AC ₂₀₂	2002 06 28.1	18 27.28	-15 55.4	20.1	-0.95	-	4.3	2.5/28.7	13651
1999 VT ₉₈	2002 06 27.8	18 26.09	-26 10.1	19.6	-1.02	-	1.4	1.2/27.7	10927	1999 XT ₈₁	2002 06 28.1	18 27.30	-22 29.1	18.6	-0.90	-	1.4	0.3/28.2	30340
1999 VS ₁₄₃	2002 06 27.8	18 26.19	-20 50.9	20.0	-1.09	+	0.9	1.0/27.9	14795	1999 RA ₃	2002 06 28.1	18 27.31	-19 29.5	19.1	-1.02	-	0.6	1.4/28.3	13604
2000 YZ ₁₂₅	2002 06 27.8	18 26.20	-34 45.2	18.7	-1.20	-	2.5	4.9/27.2	10666	1994 HB ₁	2002 06 28.1	18 27.36	-16 21.0	19.5	-1.03	-	0.3	2.8/28.4	15007

1998 BN ₈	2002 06 28.1	18 27.37	-31 46.6	17.8	-1.19	- 0.2	4.0/27.9	9693	2001 CB ₃₄	2002 06 28.4	18 28.74	-35 55.7	20.0	-1.12	- 3.1	4.5/27.6	17547
2000 AR ₁₀₂	2002 06 28.1	18 27.41	-22 03.8	18.3	-0.94	- 5.0	0.4/28.3	13646	2000 EK ₁₄₀	2002 06 28.4	18 28.78	+00 01.0	18.2	-0.75	- 0.9	7.2/29.6	31904
1999 TK ₂₆	2002 06 28.1	18 27.46	-24 54.3	19.5	-1.00	- 0.4	0.6/28.1	11569	2001 AU ₂₇	2002 06 28.4	18 28.79	-40 59.5	17.7	-1.28	+ 2.1	7.4/28.4	23617
2001 BT ₇₁	2002 06 28.1	18 27.48	-27 05.1	18.5	-1.00	+ 1.9	1.3/28.1	12282	1999 VA ₁₇₈	2002 06 28.5	18 28.73	-60 04.1	21.4	-1.66	- 3.2	10.2/25.1	2688
1999 RG ₁₀	2002 06 28.1	18 27.48	-53 18.4	18.7	-1.72	+ 1.8	10.5/27.2	40355	1999 TH ₇₉	2002 06 28.5	18 28.79	-41 18.3	19.3	-1.16	- 1.1	5.8/27.7	13611
1991 GW ₁₀	2002 06 28.1	18 27.51	-39 57.8	19.3	-1.05	- 0.9	5.8/27.5	13534	1999 XW ₂₇	2002 06 28.5	18 28.91	-23 01.6	19.9	-0.99	- 2.2	0.1/28.6	16043
1999 XP ₁₁₈	2002 06 28.1	18 27.54	-26 55.6	19.0	-1.12	- 0.6	1.5/28.0	12214	2000 AA ₂₅₂	2002 06 28.5	18 28.94	-22 31.7	19.2	-0.90	- 0.3	0.3/28.6	17145
2001 CO ₄	2002 06 28.2	18 27.52	-30 47.3	20.1	-1.11	- 0.4	2.7/27.9	12284	2000 AN ₁₈₇	2002 06 28.5	18 29.01	-10 44.3	20.5	-0.91	- 3.8	4.2/29.5	5695
1998 QT ₃₇	2002 06 28.2	18 27.54	-09 22.3	19.0	-0.97	- 1.2	5.6/28.7	25715	2000 BV ₃₂	2002 06 28.5	18 29.07	-24 05.1	20.8	-0.82	- 0.6	0.2/28.5	13142
1996 JQ ₆	2002 06 28.2	18 27.55	-06 37.3	19.9	-0.80	+ 0.7	5.4/28.6	6736	2000 DQ ₉₇	2002 06 28.5	18 29.10	-31 38.9	19.5	-1.15	- 1.6	3.2/28.1	30351
2001 BY ₂₈	2002 06 28.2	18 27.57	-06 53.2	18.3	-0.92	- 4.9	6.5/29.8	13806	1999 XL ₁₄₅	2002 06 28.5	18 29.10	-24 28.2	17.9	-0.98	- 2.0	0.5/28.5	4951
1999 XA ₄₃	2002 06 28.2	18 27.64	-21 14.9	17.8	-0.97	+ 1.2	0.9/28.3	11694	1999 RP ₃₂	2002 06 28.5	18 29.13	-28 00.9	18.2	-1.08	- 0.6	2.6/28.4	11536
1998 RG ₂₆	2002 06 28.2	18 27.69	-43 58.3	17.3	-1.16	- 0.7	8.2/27.3	30278	1999 TE ₁₈₂	2002 06 28.5	18 29.15	-49 52.7	18.7	-1.36	+ 0.4	9.1/28.0	16042
1999 XY ₂₃	2002 06 28.2	18 27.78	-14 42.8	19.0	-0.98	+ 1.7	3.3/28.4	13629	2001 FB ₁₁₅	2002 06 28.5	18 29.20	-23 32.6	19.0	-0.93	- 2.4	0.1/28.6	12077
2001 DX ₆₉	2002 06 28.2	18 27.78	-21 48.1	18.8	-0.84	- 0.4	0.5/28.3	11898	1999 XA ₂₁₃	2002 06 28.5	18 29.21	-12 38.2	19.7	-0.86	- 1.6	3.3/29.2	12219
1998 UG ₈	2002 06 28.2	18 27.82	-00 03.3	17.9	-0.77	+ 2.6	6.8/28.3	31839	1999 WD ₅	2002 06 28.5	18 29.23	-15 14.7	17.8	-0.93	+ 2.3	2.7/28.6	25766
1998 XS ₂₃	2002 06 28.2	18 27.83	-17 26.4	20.4	-0.79	- 0.6	1.8/28.5	13586	2001 CX ₁	2002 06 28.5	18 29.24	-21 54.1	18.8	-0.99	- 3.2	0.5/28.7	12283
1999 VV ₃₉	2002 06 28.2	18 27.87	-28 19.9	21.1	-1.01	- 1.1	1.6/28.0	2681	2000 AE ₁₇₈	2002 06 28.6	18 29.16	-14 29.8	19.2	-0.97	+ 2.3	3.0/28.6	18226
1999 RV ₉₂	2002 06 28.2	18 27.92	-32 22.2	20.0	-1.14	- 1.1	3.3/27.8	12933	1999 XT ₁₁₉	2002 06 28.6	18 29.30	-29 57.4	19.3	-0.98	- 0.7	2.2/28.3	13635
1999 XY ₉₅	2002 06 28.2	18 27.94	-30 33.2	19.6	-1.00	- 1.1	2.4/27.9	30340	2001 BA ₄	2002 06 28.6	18 29.32	-36 40.3	19.3	-1.10	+ 0.5	4.8/28.3	12272
1979 MA ₇	2002 06 28.2	18 27.95	-20 01.5	18.4	-0.92	+ 0.4	1.2/28.4	12102	1998 BO ₂₆	2002 06 28.6	18 29.35	-29 17.4	20.1	-1.29	+ 1.0	2.6/28.6	35704
2001 BG ₄₃	2002 06 28.2	18 27.96	-13 12.1	19.1	-1.01	- 0.2	3.7/28.7	12277	1999 TG ₆₃	2002 06 28.6	18 29.36	-07 02.7	20.2	-0.86	+ 0.5	4.9/29.1	1479
1999 XG ₁₂₁	2002 06 28.2	18 27.97	-24 15.3	18.1	-1.00	- 0.4	0.4/28.3	31884	2001 CF ₃₄	2002 06 28.6	18 29.44	-28 24.0	18.8	-1.07	- 5.4	1.9/28.2	18311
2001 DS ₆₁	2002 06 28.2	18 27.97	-18 23.6	19.5	-0.98	- 1.6	2.1/28.5	14419	2001 AE ₁₄	2002 06 28.6	18 29.48	-05 59.8	18.0	-0.90	- 6.5	7.3/30.8	31386
1998 QP ₇₀	2002 06 28.3	18 27.90	-06 22.2	18.3	-0.91	+ 2.7	6.7/28.1	31821	2132 T-2	2002 06 28.6	18 29.59	-05 40.2	19.8	-0.81	- 0.4	5.8/29.4	30773
2000 YC ₁₃₉	2002 06 28.3	18 27.90	-09 23.1	17.1	-1.44	-27.9	7.5/02.0	31933	1998 OM	2002 06 28.6	18 29.60	-08 59.8	16.3	-0.92	+ 6.2	6.5/28.1	31818
1999 VJ ₉₀	2002 06 28.3	18 27.92	-23 35.7	18.3	-1.00	- 1.2	0.1/28.3	31877	2000 AW ₆	2002 06 28.6	18 29.63	-33 28.4	18.0	-1.07	- 3.6	4.1/27.9	11737
2000 AY ₁₉₇	2002 06 28.3	18 27.93	-12 29.3	19.1	-0.74	+ 0.2	3.0/28.7	31894	2001 FF ₅₁	2002 06 28.6	18 29.65	-36 31.2	19.4	-0.99	- 0.9	4.7/28.0	13831
2001 HL ₁₅	2002 06 28.3	18 27.98	-32 34.7	18.5	-1.06	+ 2.3	3.2/28.3	31947	1999 TS ₁₄₄	2002 06 28.7	18 29.63	-14 08.5	17.9	-1.01	+ 0.1	4.6/29.0	31868
1999 TO ₉₆	2002 06 28.3	18 28.02	-32 43.1	18.8	-1.19	- 3.7	4.0/27.6	1482	1999 RC ₇₆	2002 06 28.7	18 29.74	-16 56.2	20.4	-1.06	- 0.4	2.4/29.0	14137
1999 XR ₁₀₄	2002 06 28.3	18 28.06	-34 45.9	18.1	-1.40	-10.6	4.5/26.6	13634	2000 AT ₁₄₁	2002 06 28.7	18 29.76	-09 22.8	18.9	-0.77	- 1.2	4.1/29.5	31892
2000 AN ₁₀₇	2002 06 28.3	18 28.08	-12 38.8	16.8	-0.82	- 3.5	3.5/29.2	31891	1999 RJ ₁₁₄	2002 06 28.7	18 29.82	-27 20.7	18.5	-1.17	- 0.4	1.8/28.6	12154
1997 ED ₇	2002 06 28.3	18 28.10	-20 17.4	19.0	-1.04	+ 1.5	1.2/28.4	12116	1999 TT ₃₀₅	2002 06 28.7	18 29.87	-31 52.8	18.2	-0.98	+ 0.4	4.9/28.4	12966
1998 QK ₈	2002 06 28.3	18 28.15	-04 37.6	17.1	-0.89	- 5.3	8.0/30.0	31819	1999 VJ ₁₇₀	2002 06 28.7	18 29.90	-27 52.7	19.0	-1.03	- 1.3	1.9/28.5	17083
2000 YH ₁₂₁	2002 06 28.3	18 28.19	-24 04.2	18.1	-1.01	+ 0.4	0.3/28.3	13802	2000 AZ ₁₄₅	2002 06 28.7	18 29.94	-22 28.8	18.9	-1.13	- 0.2	0.3/28.8	2305
1999 XH ₄₁	2002 06 28.3	18 28.23	-27 25.9	20.1	-1.11	- 1.6	1.7/28.1	3469	1999 UA ₁₆	2002 06 28.7	18 30.02	-24 53.6	19.2	-1.06	- 1.7	0.6/28.7	1515
2001 DB ₁₅	2002 06 28.3	18 28.23	-28 42.3	18.9	-1.05	+ 0.3	1.9/28.2	12294	1999 XE ₉₆	2002 06 28.7	18 30.05	-19 45.9	17.5	-0.98	+ 2.1	1.3/28.8	13633
2001 FL ₆₅	2002 06 28.3	18 28.30	-10 38.1	19.2	-0.79	- 1.9	4.1/29.2	17580	2000 AY ₂₃₃	2002 06 28.8	18 30.02	-27 01.0	20.0	-0.96	- 2.9	1.2/28.5	2727
1999 XQ ₁₅₂	2002 06 28.3	18 28.36	-15 41.1	18.5	-0.92	- 1.9	2.8/28.8	13636	1999 RX ₆₀	2002 06 28.8	18 30.09	-13 01.1	18.2	-1.01	- 0.9	5.1/29.3	26908
1999 PE ₂	2002 06 28.4	18 28.31	-17 06.8	20.1	-1.11	- 2.3	2.9/28.7	12927	2001 BR ₄₇	2002 06 28.8	18 30.12	-13 19.1	19.8	-1.00	- 1.8	3.9/29.4	14418
2000 YA ₃₈	2002 06 28.4	18 28.32	-21 50.7	18.7	-1.14	- 1.1	0.6/28.5	9484	2001 FZ ₉	2002 06 28.8	18 30.13	+02 39.7	18.5	-0.87	- 0.8	10.4/29.8	31942
2000 SY ₂₃₁	2002 06 28.4	18 28.34	-63 41.0	20.2	-2.47	- 6.7	17.2/22.7	8505	1993 RT ₆	2002 06 28.8	18 30.13	-22 30.4	18.8	-0.90	- 0.3	0.3/28.9	31803
1998 SB ₇₁	2002 06 28.4	18 28.36	-37 59.5	17.4	-1.02	- 2.3	5.2/27.4	13579	2001 BQ ₆₂	2002 06 28.8	18 30.14	-25 42.6	18.8	-1.12	+ 1.4	0.9/28.8	12280
1999 VO ₅	2002 06 28.4	18 28.43	-18 05.3	18.6	-0.98	+ 0.2	2.0/28.6	12973	1997 ES ₄	2002 06 28.8	18 30.14	-31 50.6	19.4	-1.06	- 0.4	3.2/28.5	13550
1998 QO ₁₀₉	2002 06 28.4	18 28.48	-20 46.8	18.0	-0.98	+ 0.7	1.0/28.5	31823	1999 VW ₁₄₂	2002 06 28.8	18 30.15	-29 44.3	20.0	-1.05	- 0.9	2.4/28.5	13001
2001 BF ₆₉	2002 06 28.4	18 28.52	-26 44.6	19.6	-1.10	- 1.3	1.3/28.3	12281	1999 TB ₂₃₂	2002 06 28.8	18 30.17	-16 32.3	19.2	-1.05	- 2.0	2.6/29.2	2134
2001 BF ₅₀	2002 06 28.4	18 28.54	-26 54.0	18.7	-1.07	+ 3.3	1.3/28.5	12278	1998 QK ₇₇	2002 06 28.8	18 30.17	+21 27.3	19.8	-0.87	+ 1.5	15.0/27.5	31822
1998 KD ₄₄	2002 06 28.4	18 28.56	-18 41.7	17.4	-1.01	+ 2.0	2.0/28.5	13567	1999 XN ₄₇	2002 06 28.8	18 30.17	-25 56.7	21.0	-1.08	- 1.4	1.1/28.7	14799
1999 UY ₂₃	2002 06 28.4	18 28.60	-19 53.1	17.8	-1.03	+ 4.4	1.8/28.4	6259	2000 YV ₆₆	2002 06 28.8	18 30.20	-25 56.8	19.0	-1.09	+ 0.1	1.2/28.8	11017
2001 FE ₁₅₇	2002 06 28.4	18 28.61	-35 13.2	19.2	-1.05	- 2.4	4.2/27.7	18315	2001 CC ₂₃	2002 06 28.8	18 30.27	-13 14.4	17.6	-0.95	- 4.2	4.4/29.7	12288
2000 AV ₅₁	2002 06 28.4	18 28.66	-31 01.4	17.5	-1.18	+ 0.9	3.7/28.3	12225	2000 AF ₂₁₄	2002 06 28.8	18 30.36	-18 55.8	17.7	-0.88	- 4.8	1.6/29.3	12232

2000 AK ₃₁	2002 06 28.8	18 30.38	-24 37.3	18.3	-0.98	- 1.4	0.5/28.8	13642	2000 AA ₁₁₇	2002 06 29.2	18 31.95	-12 03.9	18.4	-0.86	- 2.1	3.3/30.0	31891
1995 UY ₄₀	2002 06 28.8	18 30.40	-16 25.4	19.6	-1.04	+ 0.8	2.9/29.0	9680	1999 RK ₂₃	2002 06 29.2	18 31.97	+22 21.2	17.6	-0.81	- 6.7	22.3/12.2	31857
1037 T-3	2002 06 28.8	18 30.44	-27 05.0	18.4	-1.11	+ 2.1	1.8/28.8	2592	1999 UV	2002 06 29.2	18 31.99	-33 21.3	18.8	-1.15	- 1.9	4.0/28.6	11610
1999 XR ₁₈₄	2002 06 28.8	18 30.44	-33 13.2	20.0	-1.02	- 2.1	3.2/28.2	17108	1999 VH ₁₄₇	2002 06 29.2	18 32.01	-08 41.3	19.1	-0.96	+ 3.1	5.2/29.2	2686
1996 RH ₂₆	2002 06 28.8	18 30.45	-33 20.5	17.9	-1.10	- 1.4	5.8/28.3	9683	1999 XY ₃₅	2002 06 29.2	18 32.05	-29 00.1	17.8	-1.05	- 7.1	2.1/28.6	31882
1999 XP ₁₈₈	2002 06 28.8	18 30.46	-26 19.7	17.9	-1.01	+ 2.4	1.0/28.9	40424	2000 AE ₁₁₂	2002 06 29.2	18 32.05	-17 05.2	18.8	-0.93	- 2.7	2.1/29.7	13646
3234 T-2	2002 06 28.9	18 30.60	-26 17.3	18.9	-1.12	- 2.4	1.3/28.7	15124	1999 RO ₁₇₂	2002 06 29.2	18 32.06	-42 07.0	17.6	-1.32	- 0.9	7.2/28.2	13607
1999 VT ₉₅	2002 06 28.9	18 30.60	-38 42.3	18.2	-1.16	- 2.6	6.1/27.9	12193	2001 EV	2002 06 29.2	18 32.07	-30 17.4	19.7	-0.92	- 2.0	2.4/28.8	13819
2001 FB ₆₉	2002 06 28.9	18 30.63	-21 08.0	19.5	-0.89	- 1.5	0.7/29.1	14422	2000 YE ₁₃₃	2002 06 29.2	18 32.08	-09 09.8	17.6	-0.80	- 2.2	5.0/30.3	31933
1999 RZ ₂₀₅	2002 06 28.9	18 30.65	-24 55.8	17.0	-1.09	+ 4.0	0.8/29.0	31862	2000 AK ₁₇₃	2002 06 29.2	18 32.09	-13 25.9	19.0	-0.92	- 3.4	3.3/30.0	13649
2001 FG ₁₄₅	2002 06 28.9	18 30.73	-04 30.7	19.5	-0.77	+ 0.9	5.2/29.5	14425	2001 FY ₁	2002 06 29.2	18 32.10	-12 50.7	17.8	-0.83	- 3.1	3.8/30.0	16092
1999 XL ₂₃₃	2002 06 28.9	18 30.78	-02 57.7	17.4	-0.84	- 6.3	9.2/01.5	31887	2000 AM ₁₁₈	2002 06 29.2	18 32.12	-14 33.6	18.0	-1.00	+ 0.3	3.6/29.5	16046
2001 CD ₃₆	2002 06 28.9	18 30.82	-34 18.2	19.1	-1.14	- 1.7	4.3/28.4	12290	1997 GY ₆	2002 06 29.2	18 32.15	-43 41.0	19.0	-1.17	- 3.3	7.8/27.5	15582
1999 TD ₂₁₆	2002 06 28.9	18 30.86	-19 49.6	19.5	-1.07	- 1.3	1.4/29.2	4532	1992 BM ₄	2002 06 29.3	18 32.06	-27 22.6	19.7	-1.00	- 1.1	1.5/29.1	12106
2000 AY ₄₈	2002 06 29.0	18 30.81	-24 00.0	20.1	-1.23	- 9.0	0.3/28.9	18224	2001 DL ₄₄	2002 06 29.3	18 32.09	-47 18.7	17.4	-1.29	+ 3.0	11.0/29.0	12299
2000 DO ₁₀₂	2002 06 29.0	18 30.81	-28 11.8	19.0	-0.86	- 1.6	1.5/28.7	13659	1999 XV ₁₃	2002 06 29.3	18 32.12	-20 14.3	20.7	-0.92	- 2.7	0.9/29.5	38132
1999 RR ₃₁	2002 06 29.0	18 30.85	-34 11.7	17.0	-1.13	- 2.7	5.8/28.2	12150	1998 SN ₆₅	2002 06 29.3	18 32.14	-32 36.3	17.8	-1.00	- 4.6	4.1/28.4	31832
2002 LT ₂₅	2002 06 29.0	18 30.92	-09 57.5	17.4	-0.91	+ 5.3	6.2/28.6	31781	1999 TS ₃₅	2002 06 29.3	18 32.21	+10 26.5	18.9	-0.88	- 0.5	11.4/01.3	16041
1999 TY ₁₆₄	2002 06 29.0	18 30.93	+14 19.1	19.6	-0.99	+ 3.7	14.5/27.7	12956	1997 AL ₂₁	2002 06 29.3	18 32.35	-32 47.5	18.6	-1.12	- 1.8	3.6/28.8	12115
1999 VL ₁₉₉	2002 06 29.0	18 30.95	-30 03.1	18.4	-1.05	- 4.4	2.5/28.4	13626	2001 DB ₅₃	2002 06 29.3	18 32.36	-10 09.7	18.6	-0.89	- 3.7	5.2/30.5	11890
2000 YU ₆₇	2002 06 29.0	18 31.02	-12 21.4	18.3	-0.98	- 1.2	4.0/29.6	12262	1998 RF ₃₉	2002 06 29.3	18 32.41	-26 45.2	19.7	-0.99	- 1.3	1.2/29.2	29015
2001 DT ₁₄	2002 06 29.0	18 31.12	-20 34.1	18.6	-0.91	- 2.4	1.0/29.2	11860	2001 FT ₆₄	2002 06 29.3	18 32.41	-30 39.6	20.1	-0.92	- 1.4	2.4/28.9	12035
1998 SL ₇₁	2002 06 29.0	18 31.23	-20 21.8	19.3	-0.84	- 0.9	0.9/29.2	31832	1999 RN ₂₃	2002 06 29.3	18 32.49	-22 17.4	17.8	-1.05	- 2.2	0.5/29.4	40356
1999 TC ₃₈	2002 06 29.0	18 31.26	-12 27.0	18.2	-0.98	- 1.2	4.3/29.6	12164	2001 FA ₄₇	2002 06 29.3	18 32.49	-09 32.7	18.6	-0.82	+ 0.1	4.8/29.9	31943
2001 FK ₁₃₁	2002 06 29.0	18 31.26	-31 36.4	19.1	-0.93	+ 1.7	2.5/29.0	13843	1996 XM ₁	2002 06 29.3	18 32.49	-23 35.6	18.8	-1.04	- 2.0	0.1/29.4	13548
1998 UZ ₄₄	2002 06 29.0	18 31.27	-09 42.4	18.8	-0.77	- 0.5	4.2/29.7	31841	1999 TA ₁₁₂	2002 06 29.3	18 32.50	-16 55.0	16.8	-0.92	+ 1.9	3.5/29.5	10436
2001 EP	2002 06 29.0	18 31.27	-25 34.7	17.4	-0.89	- 4.1	0.8/28.9	31941	2001 CU ₂₇	2002 06 29.3	18 32.52	-25 03.3	18.2	-1.04	- 4.9	0.7/29.2	13811
2000 WR ₈₈	2002 06 29.0	18 31.32	-30 42.4	18.6	-1.15	- 1.9	3.0/28.7	12255	1999 VW ₅₄	2002 06 29.3	18 32.53	-30 03.0	18.3	-1.05	- 2.4	3.3/28.9	9771
1999 VO ₂₁₇	2002 06 29.1	18 31.24	-12 53.2	18.1	-0.93	+ 0.4	4.8/29.4	15052	2000 AT ₄₈	2002 06 29.3	18 32.55	-26 04.6	18.6	-1.10	- 3.7	1.1/29.2	12225
1998 QK ₂₅	2002 06 29.1	18 31.35	-36 39.1	17.8	-1.14	+ 0.7	5.5/28.6	31819	1999 XY ₁₆₃	2002 06 29.4	18 32.48	-24 00.7	17.5	-0.96	+ 0.3	0.3/29.4	31885
2001 CU ₄₇	2002 06 29.1	18 31.37	-26 30.6	18.8	-1.08	- 1.1	1.3/29.0	14924	1999 TH ₁₅₇	2002 06 29.4	18 32.62	-42 23.5	19.6	-1.20	- 0.3	6.2/28.6	13613
2001 FL ₅₂	2002 06 29.1	18 31.37	-24 00.8	19.2	-0.86	+ 0.3	0.2/29.1	13305	2000 WA ₉₇	2002 06 29.4	18 32.64	-23 03.8	18.9	-1.12	- 2.0	0.1/29.4	22741
1999 RK ₁₇	2002 06 29.1	18 31.38	-20 39.9	18.8	-1.07	+ 0.3	1.1/29.2	12149	1999 SR ₁₁	2002 06 29.4	18 32.67	-03 39.7	19.8	-0.96	- 0.7	7.3/30.0	12940
1995 SU ₈₀	2002 06 29.1	18 31.38	-21 44.0	21.9	-1.05	- 1.4	0.6/29.2	15573	2001 FY ₈₃	2002 06 29.4	18 32.72	-25 24.7	19.6	-0.87	- 1.0	0.9/29.3	17582
1999 WN	2002 06 29.1	18 31.41	-24 12.6	18.3	-1.13	- 4.1	0.5/29.1	40400	2000 RG ₇₉	2002 06 29.4	18 32.72	-32 51.1	16.1	-1.58	+ 9.8	4.7/30.0	12245
2001 FE ₁₂	2002 06 29.1	18 31.48	-08 28.4	18.7	-0.77	- 1.9	4.9/30.1	13824	1999 XV ₁₂₇	2002 06 29.4	18 32.75	-25 00.7	17.8	-0.90	+ 3.2	0.6/29.5	31884
1999 TR ₁₃₈	2002 06 29.1	18 31.49	-02 13.5	18.2	-0.91	+ 1.0	8.7/30.0	31868	2001 DB ₈₉	2002 06 29.4	18 32.76	-15 12.4	20.6	-0.83	- 1.6	2.7/30.0	23618
1998 XU ₂₅	2002 06 29.1	18 31.55	-23 10.2	20.8	-0.86	- 0.8	0.0/29.2	18185	2001 FG ₆₆	2002 06 29.4	18 32.77	-47 01.5	17.2	-1.28	- 2.2	9.0/27.5	13833
1999 XX ₂₄	2002 06 29.1	18 31.58	-30 25.3	18.6	-1.12	- 3.7	2.9/28.6	1548	2001 CX ₄₄	2002 06 29.4	18 32.83	-37 25.7	19.7	-1.14	- 3.0	5.0/28.4	15825
1999 RG ₂₁₆	2002 06 29.1	18 31.64	-19 45.5	18.2	-1.08	- 2.5	1.5/29.4	11555	3172 T-3	2002 06 29.4	18 32.84	-23 53.0	20.1	-1.10	- 0.7	0.3/29.4	12344
1998 QZ ₂₃	2002 06 29.1	18 31.67	-11 03.7	19.9	-0.91	- 0.5	4.4/29.6	16836	2000 YP ₅₁	2002 06 29.4	18 32.88	-23 07.1	19.6	-1.05	- 0.4	0.0/29.5	9499
1993 FN ₅	2002 06 29.1	18 31.70	-15 02.8	18.9	-0.94	- 1.7	3.1/29.7	12107	2001 FV ₆₂	2002 06 29.4	18 32.88	-59 36.7	17.3	-1.40	- 1.5	14.4/26.0	31409
1999 VS ₂₆	2002 06 29.1	18 31.73	-26 55.2	18.8	-1.06	- 1.8	1.5/29.0	12188	1999 XY ₂₃₄	2002 06 29.4	18 32.90	-19 58.2	18.9	-1.04	- 3.8	1.4/29.7	3481
1998 KB ₇	2002 06 29.2	18 31.63	-13 29.1	17.7	-0.99	+ 0.3	4.1/29.5	12125	2000 AZ ₆₁	2002 06 29.4	18 32.92	-32 47.7	19.2	-1.08	+ 1.5	3.1/29.2	40431
2458 T-3	2002 06 29.2	18 31.65	-29 27.8	19.4	-0.92	- 0.4	2.0/28.9	11067	1999 XM ₁₇₈	2002 06 29.4	18 32.93	-26 34.6	16.9	-0.92	- 4.5	1.1/29.2	31886
1999 XB ₉₃	2002 06 29.2	18 31.67	-19 59.7	19.7	-0.86	- 0.9	1.0/29.4	30340	2001 FA ₆₄	2002 06 29.4	18 32.96	-05 26.0	19.6	-0.89	- 2.0	5.8/30.7	13833
1999 XX ₂₂₂	2002 06 29.2	18 31.69	-36 06.0	18.8	-0.97	+ 0.9	4.0/28.8	31887	2000 DS ₃₉	2002 06 29.5	18 32.98	-15 32.8	19.3	-0.84	- 0.8	2.6/29.9	13658
2000 AL ₁₀₀	2002 06 29.2	18 31.74	-19 02.4	19.3	-0.95	- 1.5	1.4/29.5	13646	2001 BS ₅₇	2002 06 29.5	18 33.08	-12 26.8	18.8	-1.07	+ 1.2	4.5/29.8	11831
2001 BE ₆₄	2002 06 29.2	18 31.77	-18 10.1	19.2	-0.96	- 1.8	1.8/29.5	12280	2000 YW ₅₂	2002 06 29.5	18 33.11	-20 22.7	18.0	-0.99	- 7.8	1.2/30.0	11015
1999 RV ₂₀₃	2002 06 29.2	18 31.80	-22 41.0	17.9	-1.10	+ 4.0	0.2/29.2	11555	1999 TD ₂₀₁	2002 06 29.5	18 33.12	-21 38.3	17.6	-1.02	+ 6.5	0.9/29.5	31287
2001 GD	2002 06 29.2	18 31.89	-13 30.1	16.9	-0.89	+ 5.9	3.6/28.9	31946	2001 EM ₄	2002 06 29.5	18 33.18	-31 35.0	19.4	-1.01	- 0.8	2.9/29.2	11930

1999 XX ₁₉₉	2002 06 29.5	18 33.25	-31 26.4	19.8	-1.01	- 1.5	2.9/29.1	17110	1998 RF ₂₃	2002 06 29.9	18 34.55	-18 59.7	18.7	-0.92	- 2.6	1.5/30.0	30277
2000 WO ₃	2002 06 29.5	18 33.28	+14 52.0	18.4	-1.10	-12.1	19.3/08.0	31350	1998 FD ₂₉	2002 06 29.9	18 34.59	-20 08.0	18.5	-1.05	- 1.5	1.4/30.1	8395
1995 UG ₂	2002 06 29.5	18 33.28	-26 50.6	18.6	-1.08	- 1.5	1.6/29.4	38035	2000 AS ₁₉₀	2002 06 29.9	18 34.61	-07 58.7	19.6	-0.88	- 2.1	5.1/30.9	18226
1999 VW ₄₃	2002 06 29.5	18 33.33	-27 53.6	19.2	-1.21	- 1.9	2.1/29.3	40394	1981 EQ ₃₈	2002 06 29.9	18 34.64	-00 58.9	20.6	-0.90	- 1.3	8.7/01.5	26922
2000 WL ₁₁	2002 06 29.6	18 33.29	-32 09.7	18.0	-1.09	+ 2.2	3.4/30.0	13796	2000 YB ₁₁₇	2002 06 29.9	18 34.84	-24 17.9	18.7	-1.08	- 2.0	0.4/30.0	13802
1999 TK ₁₃₉	2002 06 29.6	18 33.30	-17 01.4	18.1	-0.95	- 0.1	2.4/30.0	12172	1998 RB ₆₀	2002 06 29.9	18 34.86	-06 53.6	18.8	-0.91	+ 0.5	6.7/30.0	31826
2001 CX	2002 06 29.6	18 33.30	-28 06.9	18.9	-1.08	- 0.4	1.8/29.4	13809	1999 TC ₉₁	2002 06 29.9	18 34.86	-33 36.6	17.6	-1.13	- 3.3	5.3/29.1	31866
1998 HM ₂₂	2002 06 29.6	18 33.38	-19 12.8	18.4	-1.02	- 1.7	1.9/30.0	35707	1999 XK ₁₀₂	2002 06 29.9	18 34.88	-27 11.0	20.2	-1.01	- 2.0	1.2/29.7	38152
2001 DM ₉₉	2002 06 29.6	18 33.38	-20 42.9	18.3	-1.09	+ 1.4	1.0/29.7	13818	2000 XL ₁₃	2002 06 29.9	18 34.89	-39 19.6	17.7	-1.08	- 0.2	6.0/29.4	13799
2000 AH ₁₈₈	2002 06 29.6	18 33.39	-04 17.9	18.1	-0.86	- 1.1	6.9/30.7	31893	2000 ET ₁₀₉	2002 06 29.9	18 34.98	-36 20.6	17.3	-1.01	+ 1.7	3.9/29.6	15068
1997 AH ₁	2002 06 29.6	18 33.42	-22 32.8	16.9	-0.98	- 5.9	0.3/29.7	31808	1999 US ₈	2002 06 29.9	18 35.02	-41 01.2	19.8	-1.14	- 2.7	5.8/28.6	13616
1999 RK ₁₃₉	2002 06 29.6	18 33.51	-11 03.3	18.8	-1.05	- 2.2	5.5/30.0	11547	2001 FZ ₁₇₀	2002 06 30.0	18 34.95	-01 26.9	19.1	-0.89	+ 1.1	7.4/30.5	31946
1998 RO ₇₅	2002 06 29.6	18 33.56	-32 33.7	18.3	-0.99	- 1.5	3.5/29.1	31828	1995 WF ₂₂	2002 06 30.0	18 34.98	+11 43.6	18.0	-0.96	+ 6.5	14.2/29.1	31806
2001 CX ₁₇	2002 06 29.6	18 33.62	-05 09.9	18.8	-0.94	+ 1.4	6.2/30.3	17545	1999 XE ₂₀₅	2002 06 30.0	18 34.98	-34 26.4	19.0	-1.13	- 0.3	4.3/29.4	17111
1999 SR ₂	2002 06 29.6	18 33.66	-20 07.6	18.4	-1.03	- 3.7	1.2/29.9	12160	1998 HQ ₂₃	2002 06 30.0	18 34.99	+08 27.4	18.3	-0.98	+ 8.2	14.4/27.7	12123
2000 AT ₁₉₅	2002 06 29.6	18 33.69	-10 22.7	20.3	-0.87	- 1.4	4.1/30.4	19487	1999 XQ ₂₂₀	2002 06 30.0	18 35.00	-19 59.3	18.4	-1.05	- 4.0	1.2/30.3	40425
1999 YN ₂₂	2002 06 29.6	18 33.78	-39 34.4	19.9	-1.19	+ 1.1	5.7/29.1	27657	2000 AP ₈₃	2002 06 30.0	18 35.00	-22 01.8	18.2	-0.89	- 1.6	0.4/30.1	18225
1999 RD ₂₃	2002 06 29.7	18 33.74	+19 12.4	18.4	-0.87	- 4.9	19.3/08.1	23503	2001 FW ₁₁₅	2002 06 30.0	18 35.04	-54 56.8	18.2	-1.54	- 0.4	12.5/27.4	15827
1999 RB ₈	2002 06 29.7	18 33.77	-38 06.2	20.6	-1.24	- 1.1	6.0/28.8	11532	1998 KU ₅₇	2002 06 30.0	18 35.04	-16 01.8	18.7	-0.99	- 1.8	3.2/30.5	16831
2001 GX ₄	2002 06 29.7	18 33.79	-32 48.1	16.6	-0.96	- 6.8	3.7/28.5	13391	2000 VC ₂	2002 06 30.0	18 35.11	-43 17.6	19.8	-1.40	- 4.8	6.8/28.2	14417
2001 DR ₁₃	2002 06 29.7	18 33.80	-22 42.3	17.8	-0.85	- 3.1	0.2/29.8	13254	2000 YP ₁₃₈	2002 06 30.0	18 35.12	-26 07.6	18.0	-0.95	- 3.2	1.5/29.8	31933
1999 RV ₁₈₂	2002 06 29.7	18 33.86	-26 07.3	18.5	-1.09	- 0.3	1.2/29.6	9747	1999 TL ₂₉₀	2002 06 30.0	18 35.14	-16 21.4	20.8	-0.92	- 1.1	2.2/30.4	17063
1990 ST ₇	2002 06 29.7	18 33.88	-27 04.6	18.3	-1.02	- 1.8	1.4/29.5	15999	1999 RD ₇₄	2002 06 30.0	18 35.18	-14 16.0	19.0	-1.06	- 2.6	3.9/30.6	1452
1999 XX ₁₆₇	2002 06 29.7	18 33.92	-26 05.4	19.0	-1.02	+ 0.9	1.0/29.7	1557	1999 TF ₂	2002 06 30.0	18 35.39	-14 27.6	19.0	-1.11	+ 0.8	3.8/30.3	40376
1995 FA ₈	2002 06 29.7	18 33.97	-16 26.2	18.7	-0.79	- 2.0	2.0/30.2	31805	2000 YP ₁₃₉	2002 06 30.0	18 35.39	-15 42.2	18.0	-1.02	+ 4.4	2.9/30.0	12267
1999 XN ₁₉	2002 06 29.7	18 34.03	-34 51.6	18.3	-1.19	- 1.9	4.8/29.0	13628	2001 BY ₆₇	2002 06 30.0	18 35.39	-05 45.4	18.5	-0.91	- 5.0	6.7/02.0	12281
2000 AT ₇₅	2002 06 29.7	18 34.04	-19 25.6	18.1	-1.00	- 5.2	1.4/30.0	14387	1999 UG ₂₂	2002 06 30.0	18 35.43	-26 21.3	19.8	-1.01	- 1.4	1.2/29.9	11617
2001 FG ₃₁	2002 06 29.7	18 34.04	+05 55.7	22.4	-0.78	- 0.1	7.3/01.9	30453	1998 TT ₃₄	2002 06 30.1	18 35.36	-21 12.9	18.6	-0.89	- 1.6	0.7/30.2	27612
2000 WP ₁₈₆	2002 06 29.7	18 34.04	-20 17.8	18.5	-1.02	+ 5.2	1.0/30.0	9886	2001 FT ₁₄₂	2002 06 30.1	18 35.40	-32 22.9	18.6	-0.96	+ 2.0	3.2/29.9	13350
2000 YF ₉₁	2002 06 29.7	18 34.08	-26 10.6	18.6	-1.07	- 1.3	1.3/29.6	9529	1999 RZ ₁₅₉	2002 06 30.1	18 35.41	-26 16.7	19.2	-1.11	- 2.0	1.2/29.9	12155
2001 BN ₄₇	2002 06 29.7	18 34.09	-19 15.1	19.8	-0.96	- 1.0	1.4/30.0	12277	1999 XB ₁₈₀	2002 06 30.1	18 35.43	-29 23.8	18.7	-0.90	- 3.4	1.9/29.6	31886
1999 VL	2002 06 29.7	18 34.15	-25 14.3	18.8	-1.09	- 1.7	0.8/29.7	40387	2001 BQ	2002 06 30.1	18 35.45	-31 48.0	19.3	-1.10	- 1.0	3.3/29.7	13805
2001 AY ₃₄	2002 06 29.7	18 34.20	-12 24.3	19.0	-0.95	- 5.4	3.9/31.0	13804	2000 DO ₄₁	2002 06 30.1	18 35.49	-17 24.3	20.6	-0.80	- 1.4	1.7/30.5	26931
1999 VA ₇₈	2002 06 29.8	18 34.14	+10 21.1	20.3	-1.05	+ 5.3	12.8/27.9	2683	1998 YS ₆	2002 06 30.1	18 35.57	-23 01.6	17.8	-0.87	- 0.7	0.1/30.2	13587
1998 HB ₉₈	2002 06 29.8	18 34.17	-24 34.4	17.4	-1.08	+ 1.4	0.6/30.0	31815	2000 CZ ₈₄	2002 06 30.1	18 35.58	-21 24.3	19.5	-0.83	- 2.0	0.5/30.3	31898
1993 FR ₉	2002 06 29.8	18 34.22	-07 58.3	17.6	-0.89	- 3.0	6.9/30.9	23421	1999 XF ₆₂	2002 06 30.1	18 35.58	-29 26.6	19.3	-1.01	- 2.8	2.5/29.7	13044
1998 FZ ₄	2002 06 29.8	18 34.26	-21 39.5	18.2	-1.05	- 4.0	0.7/30.0	8395	2001 CY ₃₄	2002 06 30.1	18 35.66	-25 49.8	19.1	-1.05	- 5.8	1.0/29.9	18311
1998 SN ₁₃₃	2002 06 29.8	18 34.28	-17 26.4	20.3	-0.79	- 0.3	1.6/30.1	31835	2000 DV ₆₆	2002 06 30.1	18 35.70	-23 22.1	19.4	-0.86	- 0.7	0.1/30.2	16052
2331 T-2	2002 06 29.8	18 34.28	-22 03.1	20.6	-1.07	- 0.9	0.4/29.9	2589	2001 HG ₂₁	2002 06 30.1	18 35.70	-15 58.5	18.8	-0.68	0.0	1.9/30.5	13435
2000 AK ₉₉	2002 06 29.8	18 34.29	-33 06.4	18.7	-1.07	- 4.3	3.4/28.9	13646	2000 EJ ₇₁	2002 06 30.1	18 35.71	-17 25.7	20.6	-0.79	- 1.3	1.6/30.5	3533
2001 FV ₁₅₂	2002 06 29.8	18 34.30	-36 34.8	16.6	-1.09	- 3.4	6.2/28.6	23619	2000 AB ₁₆₁	2002 06 30.1	18 35.73	-23 08.4	18.2	-0.89	- 4.1	0.0/30.2	31893
1999 TN ₂₂	2002 06 29.8	18 34.30	-27 59.0	18.0	-1.04	- 2.2	2.3/29.5	16041	1999 VF ₁₇₇	2002 06 30.1	18 35.73	+10 19.7	18.9	-0.88	+ 1.9	12.7/01.1	31879
1999 TA ₉₃	2002 06 29.8	18 34.30	-30 03.1	18.2	-1.14	- 4.9	3.3/29.2	31866	2000 AM ₉	2002 06 30.1	18 35.87	-30 49.4	17.9	-1.08	- 7.1	3.1/29.2	31888
1999 WA ₄	2002 06 29.8	18 34.38	-28 25.5	18.9	-1.13	- 1.3	2.5/29.5	13016	2001 DW ₇₃	2002 06 30.2	18 35.95	-05 33.0	18.3	-0.80	- 3.0	6.5/01.9	20837
2001 FO ₁₂₁	2002 06 29.8	18 34.41	-44 51.6	18.5	-1.21	- 3.1	8.0/28.0	13842	1999 RW ₁₉₆	2002 06 30.2	18 35.96	-20 31.3	17.1	-1.08	+ 3.9	1.5/30.2	10398
1999 TT ₉₉	2002 06 29.8	18 34.43	-18 16.2	18.9	-1.02	- 3.1	1.9/30.0	11580	2001 FQ ₁₆₀	2002 06 30.2	18 35.98	-28 17.4	17.9	-0.94	- 6.7	1.6/29.6	14425
2001 ET ₂₀	2002 06 29.8	18 34.45	-21 47.5	19.6	-1.05	- 0.3	0.5/29.9	13822	2001 CG ₂₆	2002 06 30.2	18 35.98	-32 36.2	19.4	-1.16	- 1.3	3.7/29.7	12288
2001 DQ ₄₀	2002 06 29.8	18 34.47	-25 26.8	19.1	-1.02	- 1.6	0.8/29.7	11882	2001 CZ ₃₉	2002 06 30.2	18 36.02	-32 55.2	18.8	-1.09	- 3.6	3.6/29.4	12291
2000 EO ₁₈₆	2002 06 29.8	18 34.49	-46 29.5	19.6	-1.11	- 0.9	6.5/28.3	19560	2000 AT ₁₁₅	2002 06 30.2	18 36.03	-17 38.6	18.0	-0.82	+ 1.4	1.8/30.4	31891
1999 UJ ₁₅	2002 06 29.8	18 34.56	-39 04.6	17.5	-1.15	- 4.0	6.6/28.5	13617	2001 DD ₄₄	2002 06 30.2	18 36.09	-39 58.2	19.2	-1.20	+ 1.6	6.0/29.9	12299
1996 XN ₃₂	2002 06 29.8	18 34.60	-28 08.1	19.5	-1.10	- 3.5	1.9/29.5	12114	2000 AL ₆₆	2002 06 30.2	18 36.14	-36 45.0	18.7	-0.93	+ 0.3	3.8/29.7	40432

2001 AZ ₁₈	2002 06 30.2	18 36.19	-21 04.5	19.7	-1.07	- 0.7	0.8/30.4	12269	6678 P-L	2002 06 30.5	18 37.27	-29 45.5	19.6	-1.10	- 1.0	2.6/30.2	13874
6316 P-L	2002 06 30.2	18 36.24	-26 07.3	19.0	-1.07	- 0.7	1.3/30.1	18107	1999 XL ₃₇	2002 06 30.5	18 37.34	-11 47.4	17.3	-0.93	- 5.3	4.1/01.8	13630
1999 YY ₁₄	2002 06 30.3	18 36.19	-46 36.3	20.2	-1.22	- 4.0	6.6/28.0	1559	2001 HU ₄₁	2002 06 30.5	18 37.45	-36 32.3	19.2	-0.98	- 2.2	4.5/29.5	27197
1998 SS ₁₄₁	2002 06 30.3	18 36.33	-09 01.5	19.1	-0.79	- 1.0	4.5/01.2	12904	2001 FT ₉₂	2002 06 30.5	18 37.48	-25 35.7	19.2	-0.87	- 2.9	0.8/30.4	13838
2000 CJ ₁₀₈	2002 06 30.3	18 36.38	-08 27.4	17.8	-0.78	+ 1.5	4.0/30.7	31899	2001 ET ₈	2002 06 30.6	18 37.48	-26 20.5	19.2	-0.96	- 1.5	1.3/30.4	11939
1999 RH ₁₇₂	2002 06 30.3	18 36.40	-34 28.8	18.8	-1.22	- 1.6	4.7/29.6	12156	1998 SN ₄₀	2002 06 30.6	18 37.49	-33 43.5	18.3	-1.01	- 0.7	3.9/30.0	20705
1999 VT ₁₆₉	2002 06 30.3	18 36.40	-31 28.7	19.1	-1.01	- 2.0	3.0/29.8	13625	2001 FQ ₈₇	2002 06 30.6	18 37.54	-07 48.7	18.4	-0.81	- 2.1	5.3/01.7	31944
1998 DE ₁₆	2002 06 30.3	18 36.42	-17 49.8	18.1	-0.99	- 3.1	2.7/30.8	31811	2000 AR ₁₅₄	2002 06 30.6	18 37.56	-24 50.0	17.8	-1.18	+ 3.8	0.8/30.6	1565
2001 CU ₄₂	2002 06 30.3	18 36.43	-22 07.5	20.6	-1.04	- 1.3	0.4/30.4	12291	2001 FT ₁₀₁	2002 06 30.6	18 37.60	-04 04.4	19.3	-0.84	0.0	7.1/01.6	30454
1998 WW ₂₂	2002 06 30.3	18 36.45	-23 52.0	20.0	-0.84	- 1.3	0.2/30.3	23464	2001 DS ₇₃	2002 06 30.6	18 37.62	-18 00.4	18.7	-0.91	- 0.8	1.9/30.9	11903
1999 XS ₁₅₇	2002 06 30.3	18 36.45	-18 15.9	19.5	-0.94	- 0.1	1.7/30.6	37959	2000 AG ₁₅₄	2002 06 30.6	18 37.68	-32 09.0	18.0	-0.96	+ 1.0	3.0/30.3	31893
2000 AU ₁₃₈	2002 06 30.3	18 36.45	-18 08.5	19.5	-0.94	- 1.8	1.7/30.7	13648	1999 OG ₃	2002 06 30.6	18 37.68	+04 53.7	18.0	-1.09	+ 9.0	12.7/27.9	31856
1997 CQ ₂₇	2002 06 30.3	18 36.46	-26 06.2	20.2	-1.09	- 1.6	1.1/30.2	12855	1999 VE ₇₁	2002 06 30.6	18 37.80	-08 07.7	19.7	-0.90	+ 1.5	5.1/01.1	11649
2001 DO ₆	2002 06 30.3	18 36.47	-09 49.2	17.0	-0.76	- 2.9	5.4/01.5	13812	2001 DS ₇₂	2002 06 30.6	18 37.81	-12 30.5	19.5	-0.82	- 1.9	3.6/01.5	12302
1998 UD ₁₇	2002 06 30.3	18 36.47	-20 40.4	18.3	-0.86	+ 1.3	0.8/30.4	30287	2001 BU ₂₆	2002 06 30.6	18 37.89	-15 10.9	18.5	-1.02	- 3.5	3.3/01.4	12274
1999 VA ₄₄	2002 06 30.3	18 36.51	-18 22.2	18.7	-1.04	+ 0.2	2.1/30.5	11640	1999 RL ₅₉	2002 06 30.6	18 37.90	-13 35.5	18.1	-1.01	- 3.4	4.6/01.5	9739
1991 RL ₁₇	2002 06 30.3	18 36.53	-21 11.5	17.0	-1.02	- 0.1	1.0/30.5	31802	2001 BR ₆₀	2002 06 30.7	18 37.85	-17 22.1	19.5	-0.98	+ 1.4	2.1/30.9	11831
1998 FW ₁₀	2002 06 30.3	18 36.59	-26 29.5	20.6	-1.15	- 0.4	1.4/30.2	10316	1999 XB ₂₁₃	2002 06 30.7	18 37.85	-16 48.2	19.0	-0.95	- 2.8	2.2/01.2	13639
2000 AJ ₁₀₈	2002 06 30.3	18 36.61	-20 34.0	18.8	-0.95	- 0.3	1.0/30.5	19480	1999 TU ₂₀₈	2002 06 30.7	18 37.85	-44 48.6	19.9	-1.25	+ 0.5	7.7/29.8	19460
2001 FU ₁₁₀	2002 06 30.3	18 36.63	-22 15.8	18.9	-0.87	- 0.8	0.3/30.4	12075	1999 JJ ₄	2002 06 30.7	18 37.87	+08 25.0	18.4	-1.14	+ 7.5	16.1/29.3	31854
1999 XR ₁₇₃	2002 06 30.3	18 36.63	-29 21.5	17.7	-1.07	+ 2.3	2.2/30.3	39333	2001 BB ₇₃	2002 06 30.7	18 37.87	-26 29.6	17.0	-1.00	- 5.1	1.3/30.4	13809
2001 FK ₄₀	2002 06 30.3	18 36.63	-18 56.6	20.2	-0.94	- 1.1	1.3/30.6	13829	1951 SX	2002 06 30.7	18 37.88	+43 02.6	19.9	-1.29	+ 4.7	26.6/15.0	12101
2000 BJ ₉	2002 06 30.3	18 36.64	-22 39.4	20.7	-0.86	- 0.6	0.2/30.4	6995	2001 FO ₅₈	2002 06 30.7	18 37.89	-29 53.6	18.2	-0.95	+ 4.1	2.5/30.7	19927
2001 CE ₁₉	2002 06 30.4	18 36.61	-17 46.2	19.3	-0.98	- 1.4	2.1/30.7	13810	2000 DD ₆₁	2002 06 30.7	18 37.93	-16 32.4	18.7	-0.79	- 1.4	1.9/01.1	13659
2000 WK ₁₇₈	2002 06 30.4	18 36.61	-24 16.6	18.3	-1.12	- 4.0	0.5/30.3	31927	1998 SN ₈₁	2002 06 30.7	18 37.95	-27 42.1	18.4	-0.96	- 0.9	1.8/30.5	31833
2001 FH ₉₃	2002 06 30.4	18 36.63	-29 09.9	18.2	-0.99	- 3.2	2.3/29.9	12062	2000 BE ₃₄	2002 06 30.7	18 37.96	-14 46.9	18.8	-0.81	- 2.8	2.6/01.4	13653
1998 FE ₇₁	2002 06 30.4	18 36.73	-28 46.6	18.1	-1.15	- 0.3	2.4/30.2	9700	1998 FO ₁₀₃	2002 06 30.7	18 37.96	-30 27.9	16.0	-1.05	+ 2.4	3.9/30.6	31813
2001 DX ₂₉	2002 06 30.4	18 36.78	-26 59.4	20.0	-1.02	- 1.4	1.4/30.2	12296	2001 FO ₁₁	2002 06 30.7	18 37.98	-09 58.7	19.1	-0.79	- 2.0	4.4/01.7	17573
1998 TP ₂₆	2002 06 30.4	18 36.78	-40 23.3	19.1	-1.05	- 3.1	6.5/28.8	4921	2001 AP ₃	2002 06 30.7	18 38.00	-15 18.3	18.9	-1.03	- 4.8	3.0/01.5	12268
2000 YU ₁₁₇	2002 06 30.4	18 36.81	-35 34.3	18.5	-1.23	+ 3.4	5.0/30.4	13802	2001 CF ₃₈	2002 06 30.7	18 38.06	-18 11.0	17.0	-0.91	- 9.7	1.8/01.5	31939
1998 QM ₂₃	2002 06 30.4	18 36.90	-38 53.7	19.1	-1.12	+ 0.7	5.3/29.8	13570	1998 QU ₈	2002 06 30.7	18 38.13	-41 47.8	17.2	-1.20	+ 3.8	8.5/30.6	13569
2000 DN ₃₆	2002 06 30.4	18 36.95	-40 15.2	19.1	-1.04	+ 0.6	5.1/29.7	15063	2001 FK ₉₉	2002 06 30.7	18 38.13	-05 04.8	18.9	-0.91	- 3.8	6.6/02.4	13332
2000 AX ₁₉₉	2002 06 30.4	18 36.95	-11 00.4	16.8	-0.91	- 6.2	5.0/02.0	31894	1999 TA ₂₉₂	2002 06 30.7	18 38.19	-21 45.0	18.9	-0.97	+ 0.4	0.5/30.8	13616
2001 FF ₃₃	2002 06 30.4	18 37.00	-01 02.3	18.9	-0.86	+ 0.3	8.3/01.5	11992	2000 DP ₉₉	2002 06 30.7	18 38.20	-27 01.3	20.2	-0.71	- 1.4	0.9/30.5	13175
1999 TJ ₁	2002 06 30.4	18 37.02	-33 39.9	17.6	-1.13	- 1.3	4.2/29.9	13609	2001 HQ ₁₁	2002 06 30.7	18 38.24	-06 26.5	18.9	-0.85	+ 0.6	5.2/01.4	13422
2001 CN ₃₁	2002 06 30.4	18 37.03	-28 33.0	18.4	-1.06	+ 1.4	2.5/30.3	12289	1998 MA ₁₆	2002 06 30.7	18 38.32	-17 56.3	18.8	-1.02	+ 1.3	2.5/30.9	10857
2000 YM ₉₈	2002 06 30.4	18 37.05	-25 04.7	18.1	-0.99	+ 0.3	0.8/30.4	31932	1991 SJ ₂	2002 06 30.7	18 38.34	-34 03.7	18.1	-1.15	+ 3.0	5.4/30.6	31802
2001 FF ₁₄₈	2002 06 30.4	18 37.06	-39 06.7	18.2	-1.19	+ 1.9	5.8/30.1	13357	2001 FN ₁₇	2002 06 30.8	18 38.26	-07 50.9	19.0	-0.76	- 0.9	4.9/01.8	16092
1999 VP ₅₁	2002 06 30.4	18 37.09	-33 10.6	19.4	-1.18	- 1.7	4.3/29.8	12191	1999 VH ₄₉	2002 06 30.8	18 38.27	-34 50.9	17.9	-1.08	- 1.3	5.5/30.1	12190
2001 BZ ₅	2002 06 30.4	18 37.10	-30 31.4	19.2	-1.15	- 3.6	3.1/29.9	12272	1999 VS ₇₉	2002 06 30.8	18 38.29	-24 56.2	19.2	-1.02	- 0.3	0.7/30.7	13623
1999 VM ₁₀₁	2002 06 30.5	18 37.04	-26 36.4	21.9	-1.02	- 1.8	1.2/30.3	4949	1979 MP ₈	2002 06 30.8	18 38.37	-23 15.6	17.8	-1.02	+ 1.5	0.1/30.8	31800
1997 HA ₁₀	2002 06 30.5	18 37.06	-25 04.4	18.5	-0.96	- 2.8	0.8/30.4	31809	1999 WF ₉	2002 06 30.8	18 38.40	-32 37.1	18.5	-1.18	+ 2.3	3.7/30.6	40402
2000 HL ₁₄	2002 06 30.5	18 37.07	-53 16.0	19.4	-1.19	- 2.2	7.3/28.0	23533	1997 EQ ₁₆	2002 06 30.8	18 38.54	-06 23.4	18.8	-0.85	- 1.9	7.3/02.2	9689
1998 SJ ₁₀	2002 06 30.5	18 37.10	-21 34.4	19.9	-0.85	- 0.7	0.5/30.6	14361	1999 UU ₃₅	2002 06 30.8	18 38.56	-34 53.0	19.6	-1.19	- 0.5	5.5/30.2	4949
1999 TZ ₁₇₉	2002 06 30.5	18 37.13	-21 06.8	19.9	-1.03	- 1.0	0.8/30.6	12957	1999 XQ ₁₀₁	2002 06 30.8	18 38.67	-24 59.4	18.0	-1.04	- 3.1	0.7/30.7	11708
2001 BX ₅₉	2002 06 30.5	18 37.16	-04 52.9	16.9	-0.77	- 3.6	7.0/02.5	31393	1999 RP ₁₄₆	2002 06 30.8	18 38.70	-22 07.7	18.5	-1.10	+ 0.7	0.4/30.9	12155
1999 WB ₃	2002 06 30.5	18 37.17	-24 08.0	19.8	-1.00	- 1.5	0.3/30.5	37845	2000 YC ₁₄₀	2002 06 30.8	18 38.73	-26 13.7	19.1	-1.22	- 8.8	1.1/30.5	12267
2000 AT ₁₅	2002 06 30.5	18 37.18	-25 41.0	18.6	-0.96	- 2.0	0.9/30.4	11740	1998 HW ₂₅	2002 06 30.9	18 38.68	-33 21.1	18.2	-1.22	- 3.5	4.8/30.0	10851
1995 WB ₉	2002 06 30.5	18 37.18	+08 09.1	18.5	-0.92	+ 3.7	10.2/30.6	31806	2001 BU ₆₈	2002 06 30.9	18 38.83	-06 57.9	17.8	-0.88	- 6.2	6.7/03.0	12281
1999 TX ₂₁₀	2002 06 30.5	18 37.22	-37 51.0	20.6	-0.96	+ 0.3	3.9/29.9	18214	2001 DT ₈₈	2002 06 30.9	18 38.83	-30 04.3	19.4	-0.93	- 0.6	2.2/30.6	13817
2001 DE ₄₈	2002 06 30.5	18 37.25	-29 32.9	19.7	-1.06	- 1.7	2.3/30.2	12299	2001 FJ ₄₄	2002 06 30.9	18 38.87	-41 22.1	19.5	-1.22	+ 0.7	6.2/30.2	13829

2001 AL ₄₁	2002 06 30.9	18 38.88	-26 21.4	19.4	-1.08	+ 1.5	1.2/30.9	12270	2000 BZ ₂₇	2002 07 01.2	18 40.33	-21 26.5	18.7	-0.80	- 0.9	0.5/01.4	31896
1999 TX ₂₁₁	2002 06 30.9	18 38.94	-25 54.1	20.4	-1.00	- 2.2	0.9/30.8	12960	1995 CY ₂	2002 07 01.2	18 40.34	-18 18.1	19.6	-0.83	- 1.1	1.5/01.6	12847
2000 DH ₂₁	2002 06 30.9	18 39.01	-18 41.8	17.7	-0.82	- 1.3	1.5/01.3	13165	1999 VA ₆	2002 07 01.2	18 40.36	-09 14.2	19.6	-0.87	+ 0.9	4.2/01.8	20743
2001 DA ₁₈	2002 06 30.9	18 39.07	-33 16.1	19.7	-1.04	- 2.5	3.6/30.2	16091	2031 T-2	2002 07 01.2	18 40.41	-29 47.5	20.8	-1.13	- 1.1	2.5/30.9	12343
1998 SY ₃₃	2002 06 30.9	18 39.09	+01 24.0	18.3	-0.87	+ 1.0	10.8/01.3	25718	2001 DP ₅₂	2002 07 01.2	18 40.43	-35 40.5	19.4	-1.28	+ 1.0	5.5/30.9	12300
2001 FA ₃₀	2002 06 30.9	18 39.09	-34 29.2	19.2	-1.12	+ 4.1	4.4/01.0	19926	1999 YO ₁₅	2002 07 01.3	18 40.38	-18 48.6	19.3	-0.94	- 0.9	1.6/01.6	12223
2001 DL ₉₉	2002 06 30.9	18 39.15	-06 53.4	18.5	-0.90	- 0.7	6.6/01.9	13818	1998 QU ₃₇	2002 07 01.3	18 40.39	-23 08.9	17.5	-1.00	- 0.1	0.0/01.3	31820
1999 TB ₁₇₂	2002 06 30.9	18 39.17	-23 30.0	20.4	-1.07	- 1.6	0.1/31.0	14141	1999 YW ₈	2002 07 01.3	18 40.46	-25 29.9	18.7	-0.88	- 4.2	0.8/01.1	14384
1999 TV ₆₅	2002 07 01.0	18 39.14	-21 28.5	19.3	-1.01	- 1.1	0.6/01.1	15050	2000 AK ₆₀	2002 07 01.3	18 40.48	-14 08.0	18.1	-0.81	- 4.1	2.9/02.2	13105
2001 CQ ₅	2002 07 01.0	18 39.19	-17 30.5	19.0	-0.95	- 3.8	2.2/01.5	12284	2000 CB ₁₈	2002 07 01.3	18 40.49	-16 41.4	18.7	-0.94	- 1.5	2.2/01.7	1242
1999 XM ₂₀₆	2002 07 01.0	18 39.29	-33 11.8	18.5	-0.93	- 4.5	2.9/30.0	14384	2001 FP ₇₉	2002 07 01.3	18 40.51	-00 45.5	19.4	-0.78	+ 1.1	7.0/02.3	17581
1999 XO ₁₉	2002 07 01.0	18 39.42	-17 40.1	18.6	-1.08	+ 0.9	2.4/01.2	13028	2001 DX ₁₀₁	2002 07 01.3	18 40.55	-31 36.0	18.9	-1.13	- 2.2	3.4/30.7	11921
2001 DC ₆₈	2002 07 01.0	18 39.47	-27 32.8	20.8	-1.03	- 0.5	1.5/30.8	17561	2000 AB ₂₃₈	2002 07 01.3	18 40.57	-25 00.9	18.7	-0.99	- 5.0	0.6/01.1	13652
2001 DX ₁₀	2002 07 01.0	18 39.47	-28 40.3	18.7	-1.02	- 0.2	2.3/30.8	31939	2001 GQ ₃	2002 07 01.3	18 40.60	+11 36.4	19.1	-0.76	- 3.9	10.0/05.9	14427
2000 YV ₆₂	2002 07 01.0	18 39.48	-18 47.1	19.4	-1.06	- 2.9	1.8/01.4	11016	2000 YY ₃₉	2002 07 01.3	18 40.62	-18 29.9	17.9	-1.00	- 4.7	2.2/01.8	31930
1999 XT ₂₂	2002 07 01.0	18 39.52	-25 42.0	19.3	-1.08	- 2.2	1.0/30.9	14379	2001 FS ₁₁₇	2002 07 01.3	18 40.64	-20 48.4	19.0	-0.89	+ 2.2	0.7/01.4	13841
1999 RS ₂₆	2002 07 01.0	18 39.54	-19 53.1	18.6	-1.04	- 0.4	1.4/01.3	10889	1999 XN ₂₄₈	2002 07 01.3	18 40.66	-10 55.3	17.6	-0.92	- 2.1	6.4/02.1	17118
2001 EP ₂₁	2002 07 01.0	18 39.55	-05 55.6	18.4	-0.79	- 0.5	6.8/02.2	13822	1998 RB ₅₀	2002 07 01.3	18 40.70	-28 26.1	19.1	-0.97	- 1.8	1.9/31.0	13575
1999 XP ₁₂₂	2002 07 01.0	18 39.56	-35 17.2	18.8	-1.17	- 1.3	5.4/30.3	11715	1999 RW ₃₈	2002 07 01.3	18 40.71	-23 15.1	17.6	-1.07	- 5.6	0.1/01.4	31858
2000 YE ₃₅	2002 07 01.0	18 39.59	-30 18.3	19.5	-1.18	+ 0.2	2.6/30.8	13801	2001 AM ₃₃	2002 07 01.3	18 40.71	-29 12.4	18.8	-1.10	- 0.8	2.5/01.0	17530
2000 AF ₁₄₆	2002 07 01.1	18 39.52	-19 32.7	19.1	-1.01	- 5.7	1.2/01.5	7519	2000 AP ₂₃₇	2002 07 01.3	18 40.72	-06 21.3	17.8	-0.84	- 2.8	5.7/02.7	14392
2001 FV ₁₀₁	2002 07 01.1	18 39.53	-25 25.4	18.5	-0.92	+ 1.6	0.8/01.0	31944	2257 T-1	2002 07 01.3	18 40.72	-15 21.6	19.0	-0.96	- 3.4	3.5/02.1	6151
1999 TD ₂₃₀	2002 07 01.1	18 39.55	-17 29.6	17.9	-0.97	- 6.5	2.9/01.8	31870	2000 AF ₁₈₁	2002 07 01.3	18 40.73	-10 16.1	19.4	-0.87	- 1.5	4.2/02.2	27659
2000 AL ₁₄₉	2002 07 01.1	18 39.59	-11 42.3	18.8	-1.04	- 0.8	5.1/01.6	13123	2001 HW ₁₁	2002 07 01.3	18 40.76	-26 07.4	19.2	-0.89	- 0.1	0.9/01.2	13423
1998 WV ₄₀	2002 07 01.1	18 39.61	-10 37.7	17.4	-0.82	+ 1.0	4.5/01.6	31846	2001 FA ₁₈₄	2002 07 01.4	18 40.75	-30 01.4	19.7	-0.89	- 1.1	2.1/31.0	27195
1998 QE ₂₆	2002 07 01.1	18 39.61	-40 11.2	18.1	-1.14	+ 0.9	6.6/30.3	12130	2001 EF ₁₈	2002 07 01.4	18 40.79	-24 34.3	20.0	-0.99	- 1.8	0.5/01.3	13822
2000 BX ₃₇	2002 07 01.1	18 39.62	-21 38.0	19.3	-0.82	- 2.4	0.5/01.2	13653	2001 FS ₁₃₁	2002 07 01.4	18 40.87	-22 21.8	20.1	-1.08	+ 0.3	0.3/01.5	12085
1999 TG ₉₁	2002 07 01.1	18 39.64	-17 40.9	18.1	-0.96	- 3.1	2.8/01.6	9757	2353 T-3	2002 07 01.4	18 40.89	-16 59.0	19.9	-0.93	+ 0.2	2.3/01.7	12344
2000 AB ₂₀₁	2002 07 01.1	18 39.67	+06 12.1	18.3	-1.02	+ 7.3	10.1/29.5	31320	1999 VL ₁₅₁	2002 07 01.4	18 40.92	-22 53.0	19.5	-0.95	0.0	0.1/01.4	11665
2001 BK ₄₄	2002 07 01.1	18 39.68	-02 12.5	19.2	-0.89	- 4.2	7.2/03.3	12277	1995 ST ₂₄	2002 07 01.4	18 40.92	-23 15.3	18.4	-0.93	- 2.6	0.1/01.4	15012
2001 CO ₂₈	2002 07 01.1	18 39.72	-19 29.5	17.5	-0.95	- 5.8	1.5/01.6	12289	2001 CW ₁₀	2002 07 01.4	18 40.93	-25 03.8	19.7	-1.08	- 2.1	0.7/01.3	13810
2000 BG ₁₇	2002 07 01.1	18 39.74	-18 00.7	18.5	-0.85	- 4.0	1.7/01.7	31895	1998 EN ₅	2002 07 01.4	18 40.96	-21 18.5	19.1	-1.06	- 4.4	0.8/01.6	10845
2040 P-L	2002 07 01.1	18 39.75	-33 33.4	18.3	-1.18	- 1.4	5.6/30.4	37340	2000 AQ ₂₇	2002 07 01.4	18 40.97	-29 34.6	18.2	-1.05	- 3.3	2.6/30.9	13095
1999 VL ₁₄₀	2002 07 01.1	18 39.78	-07 36.9	19.3	-0.92	+ 1.4	6.1/01.8	17081	1981 EG ₆	2002 07 01.4	18 41.00	-25 37.1	21.9	-0.91	+ 0.3	0.7/01.3	30779
2000 CL ₁₃₆	2002 07 01.1	18 39.78	-23 11.7	22.2	-0.79	- 0.8	0.0/01.2	3514	2000 HB ₈₄	2002 07 01.4	18 41.02	-44 56.8	19.5	-1.02	- 3.1	5.0/29.3	1638
1999 TU ₁₂	2002 07 01.1	18 39.80	-11 31.4	19.2	-1.04	- 1.1	4.8/01.8	13610	1999 XV ₈₂	2002 07 01.4	18 41.06	-19 12.5	17.1	-1.13	+ 4.3	1.7/01.4	31310
2001 CD ₄₇	2002 07 01.1	18 39.81	-18 54.0	18.8	-0.92	- 1.7	1.8/01.5	14265	2000 YD ₉₉	2002 07 01.4	18 41.11	-20 40.3	18.9	-1.08	- 5.2	1.1/01.7	10659
1999 XL ₄₁	2002 07 01.1	18 39.82	-17 48.3	17.8	-0.94	- 2.9	2.3/01.6	12208	1999 UR ₈	2002 07 01.4	18 41.11	-20 34.8	18.7	-0.95	- 0.2	0.9/01.6	13616
1999 VL ₁₇	2002 07 01.1	18 39.88	-33 59.7	20.7	-1.18	- 1.9	4.3/30.4	12976	1993 FC ₅₀	2002 07 01.4	18 41.14	+05 33.8	19.6	-0.87	- 1.5	10.9/04.0	19234
2001 DW ₇₈	2002 07 01.1	18 39.92	-05 46.1	17.5	-0.79	+ 0.9	6.1/02.0	31941	2000 AO ₇₈	2002 07 01.4	18 41.22	-17 29.4	19.8	-0.96	- 0.5	1.9/01.8	18225
2000 AR ₁₁₄	2002 07 01.2	18 39.92	-25 03.0	19.1	-0.89	+ 1.6	0.6/01.1	13117	2000 AO ₂₀₂	2002 07 01.4	18 41.22	-08 12.6	18.1	-0.90	+ 1.1	5.1/02.0	13651
2000 AV ₂₄₁	2002 07 01.2	18 39.93	-08 59.6	18.5	-0.74	+ 0.5	4.1/01.9	31895	1999 XT ₂₄₂	2002 07 01.4	18 41.24	-43 25.6	19.1	-1.16	- 1.7	6.6/29.8	13084
2001 EY ₂	2002 07 01.2	18 39.94	-21 09.6	19.1	-0.94	- 2.0	0.8/01.3	11928	1999 JG ₅	2002 07 01.5	18 41.26	+10 09.9	18.0	-1.19	+ 7.5	15.8/29.8	31854
2000 CQ ₁₂	2002 07 01.2	18 39.98	-12 34.6	19.5	-0.81	- 1.2	3.4/01.9	27659	2001 DK ₁₃	2002 07 01.5	18 41.28	-19 22.8	19.8	-0.90	- 3.3	1.2/01.9	13813
1999 TR ₉	2002 07 01.2	18 39.99	-27 19.2	18.3	-1.16	- 1.4	1.7/30.9	31864	1996 AX ₈	2002 07 01.5	18 41.39	-18 53.8	19.7	-0.91	- 1.6	1.5/01.8	19267
1999 XW ₁₃₃	2002 07 01.2	18 40.01	-38 31.9	18.6	-0.99	- 1.1	4.8/30.2	31885	1999 XZ ₆₅	2002 07 01.5	18 41.48	-22 06.4	19.4	-1.06	- 0.9	0.4/01.6	13631
1999 TU ₃₇	2002 07 01.2	18 40.10	-11 39.0	19.2	-1.02	0.0	4.8/01.7	11572	1999 XQ ₅	2002 07 01.5	18 41.48	-18 29.3	18.0	-1.00	+ 4.0	1.6/01.6	31880
2001 FH ₁₄₈	2002 07 01.2	18 40.26	-06 37.4	20.6	-0.91	+ 0.6	5.3/02.0	13844	1999 XP ₁₇₈	2002 07 01.5	18 41.48	-31 41.7	18.8	-1.01	+ 0.5	2.8/01.2	38857
2000 AC ₄₈	2002 07 01.2	18 40.30	-14 21.3	18.8	-0.81	- 3.2	2.6/02.1	14386	1999 VS ₂₃	2002 07 01.5	18 41.50	-20 37.4	18.4	-0.98	- 2.1	0.8/01.7	13619
1999 VT ₉₄	2002 07 01.2	18 40.31	-33 12.8	18.1	-1.09	- 1.6	4.1/30.6	15051	2000 AH ₁₉₇	2002 07 01.5	18 41.52	-18 38.6	19.2	-1.05	+ 2.7	1.7/01.6	2724
2001 DL ₂₂	2002 07 01.2	18 40.31	-21 10.7	19.5	-0.93	- 3.7	0.6/01.5	13814	2000 AV ₁₆₈	2002 07 01.5	18 41.54	-20 48.1	18.6	-0.98	- 6.1	0.8/01.9	13649

2001 ER ₂₃	2002 07 01.5	18 41.56	-16 25.7	18.7	-0.81	- 0.8	2.4/02.0	11955	1999 SH ₂	2002 07 01.9	18 42.81	-20 08.9	18.7	-1.05	- 1.7	1.2/02.1	12160
2000 XV ₁₄	2002 07 01.5	18 41.58	-44 39.9	19.1	-1.19	- 0.6	7.1/30.3	13799	1998 HT ₇	2002 07 01.9	18 42.87	+11 55.3	19.7	-0.97	- 0.9	12.4/05.3	25709
1999 TY ₁₉₆	2002 07 01.6	18 41.64	-39 40.6	19.2	-1.14	- 2.6	6.2/30.2	11595	2000 EM ₁₆₈	2002 07 01.9	18 42.91	-45 19.4	20.1	-1.05	- 1.6	6.0/30.0	23520
2000 XV ₇	2002 07 01.6	18 41.73	-27 08.9	17.1	-1.33	+ 8.5	1.7/01.8	12258	2000 DL ₅₅	2002 07 01.9	18 42.92	-21 45.0	20.3	-0.84	- 1.3	0.4/02.0	31323
2001 EG ₁₀	2002 07 01.6	18 41.79	-44 34.9	19.5	-1.21	- 0.6	7.6/30.3	11942	2001 FB ₁₇₁	2002 07 01.9	18 42.93	-12 10.4	18.7	-0.80	+ 0.2	3.5/02.5	31946
2001 DQ ₄₈	2002 07 01.6	18 41.81	-34 28.2	20.1	-1.18	- 1.3	4.3/30.9	11886	1998 QS ₅	2002 07 01.9	18 42.93	-31 59.3	18.7	-1.06	- 0.1	3.1/01.4	13569
2001 FS ₁₇₆	2002 07 01.6	18 41.81	-21 35.5	18.0	-0.87	- 4.8	0.5/01.8	13386	1999 VN ₂₆	2002 07 01.9	18 43.05	-20 40.8	19.5	-1.00	- 0.6	0.9/02.1	16042
1999 VP ₅	2002 07 01.6	18 41.82	-23 33.7	19.2	-0.99	- 1.3	0.2/01.6	13618	1998 SM ₁₄₇	2002 07 01.9	18 43.06	-24 39.6	18.8	-0.90	- 1.9	0.6/01.8	27611
2000 XU ₉	2002 07 01.6	18 41.85	-46 56.3	18.4	-1.52	+ 4.9	8.1/02.0	12258	2001 CT ₄₅	2002 07 01.9	18 43.17	-24 58.5	17.6	-1.02	- 6.7	0.7/01.7	13253
1998 VP ₇	2002 07 01.6	18 41.85	-34 02.4	20.4	-0.93	- 2.4	3.1/30.7	31841	2000 YR ₆₈	2002 07 01.9	18 43.19	-25 21.0	19.7	-0.99	0.0	0.8/01.9	12263
1999 TA ₁₅₇	2002 07 01.6	18 41.86	-30 44.9	19.5	-1.13	- 0.2	3.0/01.3	12173	1999 TX ₂₈	2002 07 01.9	18 43.32	-34 33.2	19.3	-1.23	- 0.9	4.9/01.2	13610
1999 TJ ₁₈₁	2002 07 01.6	18 41.94	-22 18.4	19.9	-1.06	- 0.9	0.3/01.7	12958	2001 EB ₂₀	2002 07 02.0	18 43.28	-31 25.9	18.0	-0.98	- 1.6	3.6/01.4	30453
2000 YT ₉₈	2002 07 01.6	18 41.97	-22 13.1	18.6	-1.06	- 1.6	0.4/01.7	11018	2000 AS ₁₆₉	2002 07 02.0	18 43.29	+03 37.7	19.9	-0.96	+ 5.2	8.7/01.6	20747
2001 BP ₆₉	2002 07 01.6	18 41.98	-38 28.8	20.3	-1.14	+ 0.2	4.9/31.0	12281	2001 FB ₃₅	2002 07 02.0	18 43.31	-21 04.3	19.8	-0.98	- 1.6	0.7/02.2	15096
1998 VP ₂₆	2002 07 01.6	18 42.00	-36 19.7	18.9	-0.97	- 1.9	4.2/30.6	31843	1999 TR ₁₃₁	2002 07 02.0	18 43.36	-25 42.4	18.0	-1.06	- 0.6	1.1/01.9	31868
1998 UA ₇	2002 07 01.6	18 42.03	-26 57.0	17.3	-0.93	- 7.1	1.2/01.2	31839	2000 AK ₉₆	2002 07 02.0	18 43.40	-08 45.7	19.4	-0.77	- 3.3	3.9/03.4	14388
1999 XK ₁₂₉	2002 07 01.6	18 42.04	-34 25.3	18.9	-1.06	- 0.4	4.2/01.0	13635	1999 RN ₁₅₄	2002 07 02.0	18 43.41	-30 37.0	17.9	-1.19	+ 0.8	3.2/01.7	12155
2000 YM ₁₃₂	2002 07 01.6	18 42.06	-33 15.5	18.7	-1.06	+ 1.8	3.4/01.4	11819	2001 EJ ₁	2002 07 02.0	18 43.45	-26 30.7	17.9	-0.97	- 3.7	1.2/01.7	13819
2001 BX ₇₇	2002 07 01.7	18 42.01	-07 39.8	18.4	-0.81	- 2.3	5.3/03.0	31937	3387 T-3	2002 07 02.0	18 43.53	-27 05.0	17.1	-0.93	- 1.1	2.4/01.8	32044
1999 TH ₂₇₁	2002 07 01.7	18 42.03	-27 57.4	17.2	-0.98	+ 4.3	2.8/01.7	2139	2001 FD ₁₅₉	2002 07 02.0	18 43.58	-21 46.5	20.2	-0.82	- 1.3	0.4/02.2	13846
1999 TT ₂₁₈	2002 07 01.7	18 42.04	-34 38.0	18.0	-1.12	- 1.5	5.1/30.9	15050	1999 VR ₁₄₈	2002 07 02.0	18 43.58	-18 43.0	20.0	-1.06	+ 0.1	1.8/02.3	14796
2000 YP ₂₁	2002 07 01.7	18 42.04	-28 58.8	19.3	-1.15	- 1.5	2.4/01.3	13800	1999 VP ₁₉₆	2002 07 02.0	18 43.61	-23 49.0	17.0	-1.05	-12.3	0.4/01.9	18218
1999 XJ ₂₃₉	2002 07 01.7	18 42.07	-37 07.1	20.2	-1.28	- 2.8	5.9/30.4	17116	1999 RS ₅₁	2002 07 02.0	18 43.61	-14 45.9	18.8	-1.09	0.0	4.0/02.4	18211
1999 TD ₈	2002 07 01.7	18 42.14	-24 22.3	18.7	-1.12	- 1.3	0.5/01.6	23508	1999 VZ ₈₆	2002 07 02.0	18 43.64	-09 11.1	18.1	-0.90	- 5.6	5.2/03.8	12193
2002 LT ₁₉	2002 07 01.7	18 42.17	-32 20.0	17.2	-0.95	- 8.4	4.9/30.3	31779	1996 VE ₃₀	2002 07 02.0	18 43.70	-24 16.4	17.8	-1.12	- 2.5	0.5/02.0	13548
1999 XO ₁₅₂	2002 07 01.7	18 42.19	-24 38.3	17.5	-1.14	- 7.1	0.8/01.5	31885	2000 EB ₄₃	2002 07 02.1	18 43.72	-28 47.6	20.0	-0.70	- 0.6	1.3/01.7	31902
1998 HR ₉₈	2002 07 01.7	18 42.21	-36 25.5	17.2	-1.17	- 3.2	6.1/30.6	30269	2000 AX ₂₂	2002 07 02.1	18 43.75	-24 40.6	19.8	-0.87	- 0.8	0.5/02.0	13094
1998 JA ₃	2002 07 01.7	18 42.22	-23 57.5	17.8	-1.07	- 4.7	0.4/01.7	13566	2000 AN ₇₇	2002 07 02.1	18 43.76	-16 46.7	20.0	-1.04	- 0.4	2.5/02.4	30346
2001 FF ₃₉	2002 07 01.7	18 42.25	-29 50.7	18.6	-0.99	- 0.4	2.7/01.4	27766	1999 UM ₄₆	2002 07 02.1	18 43.82	-22 44.1	17.4	-1.04	+ 3.2	0.2/02.1	31873
1999 YY ₂₂	2002 07 01.7	18 42.25	-25 47.1	19.7	-0.98	+ 1.2	0.9/01.7	2256	1998 EA ₂	2002 07 02.1	18 43.84	-33 57.1	17.7	-1.08	- 1.5	5.5/01.3	10845
1999 TW ₂₄₁	2002 07 01.7	18 42.25	-17 40.4	20.1	-1.08	- 2.1	2.2/02.1	1511	2001 BS ₅₀	2002 07 02.1	18 43.86	-17 49.6	19.7	-1.02	- 3.2	2.1/02.6	12278
1998 RU ₆	2002 07 01.7	18 42.25	-42 27.1	18.3	-1.16	+ 1.6	8.4/01.0	27609	1999 XH ₁₉	2002 07 02.1	18 43.88	-34 12.8	18.2	-1.18	- 4.5	5.3/30.9	687
1998 SG ₅₇	2002 07 01.7	18 42.29	-26 24.9	18.8	-0.93	- 1.3	1.1/01.5	31831	1999 VK ₈₇	2002 07 02.1	18 43.90	-32 04.9	19.7	-1.01	- 1.1	2.8/01.6	1528
2001 EX ₁₄	2002 07 01.7	18 42.32	-08 11.5	18.7	-0.81	- 5.3	5.0/03.6	13272	2001 CT ₁₁	2002 07 02.1	18 43.95	-21 34.1	18.6	-1.09	- 4.7	0.6/02.3	12285
2001 AZ ₄₀	2002 07 01.7	18 42.37	-18 56.9	19.4	-1.02	+ 2.0	1.5/01.9	18310	2001 FL ₁₆₆	2002 07 02.1	18 43.98	-21 49.3	19.5	-0.86	- 0.5	0.4/02.2	13375
2001 DM ₄₅	2002 07 01.7	18 42.40	-22 16.7	19.1	-0.98	- 0.3	0.3/01.8	11884	1999 VK ₁₅₆	2002 07 02.1	18 43.99	-10 31.2	19.6	-0.88	+ 1.2	4.0/02.7	2687
1999 XM ₁₈₉	2002 07 01.7	18 42.43	-29 12.5	19.8	-0.98	- 0.4	2.0/01.4	13638	1997 AZ ₅	2002 07 02.1	18 43.99	-22 14.3	18.3	-1.11	+ 1.3	0.3/02.2	12115
1999 XK ₇₄	2002 07 01.7	18 42.48	-25 43.5	17.9	-1.00	- 5.3	1.1/01.5	31883	1999 XQ ₄₂	2002 07 02.1	18 44.12	-25 03.4	20.1	-1.00	- 1.0	0.7/02.1	14159
1999 TT ₂₃₆	2002 07 01.8	18 42.41	-26 50.1	17.2	-1.03	- 6.6	1.9/01.3	31870	1999 VM ₃₃	2002 07 02.1	18 44.14	-21 14.3	20.2	-1.05	- 0.8	0.7/02.3	15051
1997 MO	2002 07 01.8	18 42.50	-03 23.9	19.7	-0.78	- 1.4	7.5/03.4	32967	1999 RO ₁₆₄	2002 07 02.1	18 44.14	-33 44.4	17.8	-1.17	+ 2.5	5.4/02.0	10896
2001 FG ₆₇	2002 07 01.8	18 42.50	-20 39.7	19.2	-0.95	- 1.9	0.8/02.0	12040	1999 XJ ₂₀₃	2002 07 02.2	18 44.04	-33 37.2	18.3	-0.93	+ 0.7	3.1/01.7	31886
1998 FQ ₄₂	2002 07 01.8	18 42.54	-27 06.4	18.5	-1.17	- 0.1	1.7/01.6	13560	2001 FH ₁₃	2002 07 02.2	18 44.05	-22 36.4	19.3	-0.92	- 1.5	0.2/02.2	13282
2001 CZ ₄₃	2002 07 01.8	18 42.54	-25 10.2	18.4	-0.97	- 5.9	0.8/01.6	14923	2000 WH ₁₇₃	2002 07 02.2	18 44.06	-22 04.7	20.0	-1.08	- 3.2	0.4/02.3	12257
1998 SE ₁₅₆	2002 07 01.8	18 42.55	-26 07.8	19.0	-0.92	- 1.1	1.1/01.6	31837	2188 T-2	2002 07 02.2	18 44.11	-16 03.4	21.3	-0.94	- 0.6	2.3/02.6	2803
2001 BE ₄₄	2002 07 01.8	18 42.57	-14 25.3	19.5	-0.93	- 3.4	3.0/02.6	13807	2001 DD ₁₂	2002 07 02.2	18 44.13	-05 16.4	18.3	-0.86	- 5.8	7.3/04.5	12293
2000 EQ ₁₂₂	2002 07 01.8	18 42.58	-04 11.1	19.3	-0.77	- 1.6	5.6/03.2	17209	2000 AC ₂₃	2002 07 02.2	18 44.14	-27 09.1	18.1	-0.97	- 3.7	1.5/01.8	13642
1999 UA ₂₈	2002 07 01.8	18 42.65	-10 07.7	17.7	-0.93	0.0	6.7/02.6	10473	1999 VR ₁₁₂	2002 07 02.2	18 44.15	-21 36.1	19.6	-1.05	- 1.1	0.6/02.3	17077
2000 YS ₅₂	2002 07 01.8	18 42.70	-25 38.2	18.5	-1.19	+ 3.5	1.2/01.8	31930	2001 CF ₁₃	2002 07 02.2	18 44.18	-18 29.6	18.7	-1.05	- 4.0	1.9/02.7	12286
2000 AQ ₁₆₀	2002 07 01.8	18 42.71	-28 33.8	18.4	-0.93	+ 2.6	1.8/01.8	13125	1999 TO ₈₁	2002 07 02.2	18 44.19	-26 15.6	22.4	-1.12	- 0.9	1.1/02.0	18213
1999 WG ₁₂	2002 07 01.8	18 42.74	-25 49.9	19.4	-0.97	- 3.1	1.0/01.6	11681	2000 AW ₈₁	2002 07 02.2	18 44.26	-15 40.4	19.1	-0.95	- 0.7	2.7/02.7	19478
1999 XN ₁₁	2002 07 01.8	18 42.91	-35 38.8	18.6	-1.15	- 2.1	5.1/30.9	13628	2000 YC ₁₀₉	2002 07 02.2	18 44.30	-25 53.5	19.7	-1.13	- 1.4	1.2/02.1	9546

1998 PR	2002 07 02.2	18 44.30	-28 28.6	18.3	-0.99	- 0.2	2.0/01.9	25714	1999 TF ₁₁₆	2002 07 02.5	18 45.61	-15 58.7	18.4	-1.01	- 0.3	2.8/03.0	13612
1998 RB ₅₈	2002 07 02.2	18 44.31	-19 25.9	19.6	-0.88	- 1.4	1.3/02.5	30280	1999 XM ₁₆₇	2002 07 02.5	18 45.62	-30 52.5	18.2	-1.13	- 2.8	3.2/01.9	14802
1993 TY ₂₄	2002 07 02.2	18 44.34	-17 44.4	19.2	-1.11	- 1.4	2.4/02.6	10830	3089 T-3	2002 07 02.5	18 45.67	-13 06.1	20.7	-1.00	- 0.5	3.8/03.1	15125
2001 BS ₅₈	2002 07 02.2	18 44.36	-18 31.2	20.0	-1.04	- 2.4	1.8/02.6	12279	2000 AB ₈₁	2002 07 02.5	18 45.67	-20 35.6	19.0	-0.99	- 2.7	1.0/02.8	26927
1999 XJ ₂₈	2002 07 02.2	18 44.44	-06 55.0	20.3	-0.88	+ 0.9	5.3/02.9	<i>37876</i>	2000 AH ₁₉₄	2002 07 02.5	18 45.71	-03 46.7	19.1	-0.74	- 2.0	5.4/04.3	13130
2001 DB ₃₈	2002 07 02.2	18 44.45	-22 04.3	18.8	-1.13	+ 1.7	0.4/02.3	17555	1979 HA	2002 07 02.5	18 45.76	-57 09.3	16.8	-1.70	- 7.1	14.5/27.7	12102
1999 VN ₁₃₄	2002 07 02.2	18 44.51	-22 54.2	18.3	-0.98	- 0.7	0.1/02.3	12196	1999 XC ₅₀	2002 07 02.6	18 45.73	-21 54.6	19.4	-0.97	- 0.8	0.4/02.7	347
1994 AC ₁₃	2002 07 02.2	18 44.54	-26 43.2	20.1	-1.11	- 1.8	1.6/02.0	<i>32456</i>	1999 RT ₁₂₃	2002 07 02.6	18 45.73	-27 28.7	18.3	-1.13	+ 0.7	1.9/02.4	31859
2000 YG ₆₀	2002 07 02.2	18 44.56	-22 37.7	19.5	-1.03	+ 0.4	0.2/02.3	11016	2000 DP ₇₇	2002 07 02.6	18 45.74	-25 46.2	20.0	-0.83	- 1.0	0.8/02.4	13659
1994 GP ₅	2002 07 02.3	18 44.48	-12 28.0	18.9	-0.96	- 0.7	4.7/03.0	9676	1999 TT ₇₈	2002 07 02.6	18 45.75	-26 17.7	18.3	-1.05	- 1.8	1.5/02.4	11577
1999 VY ₁₄₁	2002 07 02.3	18 44.52	-20 47.1	19.3	-0.98	0.0	1.0/02.4	17081	2000 EM ₁₆₆	2002 07 02.6	18 45.87	-21 39.6	18.1	-0.86	- 4.0	0.4/02.8	31905
2001 FW ₁₇₈	2002 07 02.3	18 44.52	-16 33.1	18.3	-0.96	- 6.1	2.4/03.1	17595	1999 PA	2002 07 02.6	18 45.94	-29 41.1	18.3	-1.23	- 1.5	3.2/02.2	31856
2001 FX ₆₅	2002 07 02.3	18 44.57	-25 27.7	19.1	-0.90	- 1.8	0.8/02.1	12037	1996 XA ₁₉	2002 07 02.6	18 45.99	-31 37.4	19.3	-1.17	- 4.6	3.2/01.7	11481
1993 LE ₁	2002 07 02.3	18 44.65	-41 44.2	18.8	-1.20	+ 0.8	6.6/01.5	12108	1999 XC ₆₂	2002 07 02.6	18 46.04	-21 52.4	18.4	-1.08	- 2.2	0.5/02.8	<i>38144</i>
2000 WL ₁₅₁	2002 07 02.3	18 44.67	-07 13.5	18.2	-1.38	+12.6	8.2/31.0	9883	1998 DC ₃₀	2002 07 02.6	18 46.05	-04 56.3	17.0	-0.65	- 1.5	11.1/04.4	<i>36527</i>
1990 WG ₁	2002 07 02.3	18 44.70	-41 52.1	18.1	-1.21	- 7.4	6.7/29.6	13533	1090 T-2	2002 07 02.6	18 46.06	-58 01.9	20.0	-2.07	+ 0.6	15.8/30.4	8354
1998 KQ ₇	2002 07 02.3	18 44.77	-08 32.8	18.5	-0.99	+ 0.3	6.3/03.2	16827	2000 AQ ₂₃₀	2002 07 02.6	18 46.12	-44 45.7	20.2	-1.27	+ 2.5	6.4/01.9	2726
1998 RF ₂	2002 07 02.3	18 44.77	-47 13.0	17.3	-1.14	- 2.4	11.0/29.9	12134	1997 CB ₆	2002 07 02.6	18 46.16	-19 19.1	20.1	-1.01	- 1.1	1.3/02.9	12116
1999 VQ ₁₈₄	2002 07 02.3	18 44.83	-30 37.8	17.7	-1.05	- 5.8	4.0/01.4	31879	2000 AK ₁₉₄	2002 07 02.6	18 46.17	-09 50.7	17.5	-0.83	+ 2.8	4.4/03.0	15662
1999 TN ₂₁₀	2002 07 02.3	18 44.83	-43 49.6	19.8	-1.25	- 0.7	7.3/30.9	18214	2001 CN ₂	2002 07 02.6	18 46.21	-27 00.6	19.5	-1.14	- 0.9	1.6/02.4	17543
1998 HJ ₁₄₆	2002 07 02.3	18 44.86	-38 33.1	17.8	-1.25	- 3.4	6.3/01.0	12125	1084 T-2	2002 07 02.7	18 46.15	-20 45.5	18.7	-0.95	- 0.3	1.2/02.8	15123
2001 FP ₁₉₃	2002 07 02.3	18 44.88	-22 29.6	18.0	-0.93	- 4.1	0.2/02.4	19932	1999 XB ₉₉	2002 07 02.7	18 46.17	-27 38.0	19.3	-1.03	- 3.2	1.6/02.3	<i>40415</i>
1999 VN ₁₉	2002 07 02.3	18 44.90	-19 02.4	19.6	-0.97	- 1.7	1.4/02.7	2680	2001 AM ₁₃	2002 07 02.7	18 46.26	-18 25.3	16.7	-0.97	+ 2.7	2.1/02.2	31933
1994 TR ₆	2002 07 02.3	18 44.93	-16 28.7	18.0	-0.90	- 1.4	3.1/02.8	25681	2001 CT ₄	2002 07 02.7	18 46.30	-28 23.1	19.5	-1.15	- 1.8	2.2/02.3	12284
2000 AQ ₁₈₅	2002 07 02.3	18 44.95	-03 44.8	18.5	-0.87	- 1.2	6.3/03.8	13650	1995 YY ₉	2002 07 02.7	18 46.30	-20 27.5	19.0	-0.94	+ 0.2	1.0/02.9	10833
2001 BP ₂₀	2002 07 02.3	18 44.96	-25 41.6	16.9	-1.02	- 6.3	1.3/02.1	31936	1999 RU ₃	2002 07 02.7	18 46.35	-09 38.0	16.7	-1.03	- 1.1	6.4/03.7	31857
1999 TH ₂₅₂	2002 07 02.4	18 44.91	-15 18.6	19.5	-0.94	- 3.0	2.5/03.1	12964	2000 AV ₁₀₁	2002 07 02.7	18 46.52	-16 53.9	19.5	-0.93	- 2.1	2.0/03.3	2716
2001 FE ₁₂₃	2002 07 02.4	18 45.02	-29 22.2	19.0	-1.02	- 1.3	2.4/02.0	25897	1998 DA ₁₄	2002 07 02.8	18 46.53	-19 37.9	18.9	-1.08	- 1.5	1.4/03.0	9694
2001 CG	2002 07 02.4	18 45.05	-27 02.4	18.6	-1.07	- 4.0	1.5/02.0	12283	1998 SL ₉₁	2002 07 02.8	18 46.54	-37 32.6	19.3	-1.02	+ 0.3	4.6/02.0	31833
1999 XB ₁₂₀	2002 07 02.4	18 45.06	-25 14.9	18.9	-1.15	- 0.5	0.9/02.3	<i>40418</i>	1999 VN ₁₂	2002 07 02.8	18 46.54	-23 18.7	17.9	-1.06	- 2.7	0.1/02.8	31874
1999 VP ₃₂	2002 07 02.4	18 45.07	-08 54.7	19.6	-0.93	+ 2.4	5.2/02.8	12982	1999 XH ₁₂₈	2002 07 02.8	18 46.56	-25 21.6	20.4	-1.08	- 0.8	0.9/02.7	4545
1999 XO ₁₀₇	2002 07 02.4	18 45.10	+01 41.0	19.0	-1.02	+ 8.4	11.7/30.8	7516	2001 DW ₉₈	2002 07 02.8	18 46.59	-32 26.2	18.2	-1.09	+ 2.6	3.4/02.6	11917
1987 SM ₅	2002 07 02.4	18 45.11	-45 29.6	18.2	-1.14	- 1.2	7.2/30.5	12103	1999 TZ ₂₈₃	2002 07 02.8	18 46.65	-14 00.9	20.1	-0.97	- 1.7	3.4/03.5	14792
2000 EP ₁₅	2002 07 02.4	18 45.13	-21 41.0	18.9	-0.83	- 1.0	0.4/02.5	<i>40131</i>	2001 CP ₄₃	2002 07 02.8	18 46.67	-36 32.9	19.3	-1.12	- 3.5	4.4/01.5	13252
1999 VP ₁₂₈	2002 07 02.4	18 45.15	-22 18.6	18.9	-0.94	- 0.6	0.4/02.5	15647	2001 BZ ₄₂	2002 07 02.8	18 46.84	-15 58.5	20.1	-0.95	- 0.8	2.3/03.3	12277
1999 VU ₁₈₈	2002 07 02.4	18 45.20	-11 19.7	19.7	-0.87	- 0.1	3.9/03.2	13625	2001 GD ₁	2002 07 02.8	18 46.87	-39 31.2	19.1	-1.26	- 8.4	5.2/30.4	13848
2000 DP ₅₁	2002 07 02.4	18 45.33	-32 51.5	19.7	-1.05	- 0.7	3.1/01.8	25771	2000 DG ₈₈	2002 07 02.8	18 46.88	-33 21.4	19.8	-0.76	- 0.4	2.5/02.2	27661
1999 XB ₂₁₅	2002 07 02.4	18 45.34	-17 01.3	19.2	-0.90	- 1.9	2.2/03.0	13080	1995 SN ₂₄	2002 07 02.8	18 46.97	-22 47.7	19.8	-1.07	- 2.0	0.1/02.9	14739
1998 XV ₁₂	2002 07 02.5	18 45.30	-21 05.5	18.6	-0.77	- 2.1	0.5/02.7	18184	2000 YO ₅₃	2002 07 02.8	18 47.02	-23 23.0	18.3	-1.05	- 0.2	0.2/02.9	31930
2000 WR ₁₆₈	2002 07 02.5	18 45.31	-16 46.8	18.0	-1.09	0.0	2.5/02.8	13798	1998 WY ₄	2002 07 02.9	18 46.94	-03 39.2	20.2	-0.73	- 1.8	4.9/04.5	31845
1999 TM ₁₇₅	2002 07 02.5	18 45.32	-12 38.9	18.6	-0.95	+ 0.7	5.1/03.0	10912	1991 RQ ₁₉	2002 07 02.9	18 46.96	-25 59.6	17.5	-1.04	+ 1.1	1.5/02.8	31802
2001 FR ₁₂₆	2002 07 02.5	18 45.36	-00 05.3	19.6	-0.78	- 2.4	7.5/04.7	27194	1999 TQ ₂₁₃	2002 07 02.9	18 47.00	-20 12.3	19.4	-1.06	- 0.2	1.1/03.1	17054
2000 WJ ₈₈	2002 07 02.5	18 45.36	-30 01.2	18.5	-1.17	- 2.9	3.0/01.9	12254	2001 HJ ₅₇	2002 07 02.9	18 47.04	-22 36.2	19.3	-0.96	- 4.3	0.1/03.0	13482
2001 EM ₂₄	2002 07 02.5	18 45.42	-53 31.3	17.8	-1.27	- 4.1	10.2/28.4	13277	2000 DZ ₃₈	2002 07 02.9	18 47.06	-19 00.2	19.3	-0.99	- 1.0	1.3/03.2	7003
2000 AS ₅₂	2002 07 02.5	18 45.43	-23 18.6	18.7	-1.04	- 0.2	0.1/02.5	<i>40430</i>	1999 CR ₁₀₉	2002 07 02.9	18 47.09	-22 31.1	19.7	-0.65	0.0	0.1/03.0	31853
2001 BT ₄₇	2002 07 02.5	18 45.51	-37 50.7	17.6	-1.14	+ 2.8	5.7/02.3	12277	1999 VF ₁₉	2002 07 02.9	18 47.10	-19 15.1	19.4	-0.95	- 0.4	1.3/03.2	<i>40390</i>
1999 LJ ₅	2002 07 02.5	18 45.52	-26 39.0	17.8	-1.44	-22.3	1.8/01.6	23500	1999 TE ₁₅₀	2002 07 02.9	18 47.12	-34 24.1	18.2	-1.09	- 4.4	5.8/01.6	5636
1999 XD ₁₆₆	2002 07 02.5	18 45.53	-40 32.1	19.4	-1.14	- 2.0	5.6/01.1	13637	2000 AF ₁₆₉	2002 07 02.9	18 47.19	-17 41.1	18.8	-0.91	- 5.1	1.8/03.6	13649
1999 TF ₁₉₄	2002 07 02.5	18 45.56	-45 48.0	18.7	-1.27	- 0.8	8.3/31.0	13614	1999 VJ ₂₃	2002 07 02.9	18 47.21	-28 45.9	19.8	-1.08	- 0.9	2.2/02.6	12188
2001 AM ₁₂	2002 07 02.5	18 45.57	-14 12.9	17.5	-0.98	- 4.4	4.0/03.5	31933	1998 FT ₁₀	2002 07 02.9	18 47.21	-37 43.6	18.0	-1.06	+ 0.6	8.0/02.2	3200
2001 DX ₉₄	2002 07 02.5	18 45.58	-15 54.0	19.7	-0.97	+ 2.0	2.6/02.8	18313	1995 FZ ₁₉	2002 07 02.9	18 47.21	-32 07.8	20.4	-0.90	- 0.9	2.9/02.3	19253

2000 AY ₁₈₇	2002 07 02.9	18 47.28	-13 43.8	19.5	-0.90	- 4.5	3.1/04.0	14391	1999 VX ₆₉	2002 07 03.3	18 48.65	-21 02.0	18.7	-0.97	- 0.1	1.0/03.4	10925
1999 RB ₁₅	2002 07 02.9	18 47.33	-20 06.6	20.2	-1.13	- 1.7	1.3/03.2	14135	2001 DV ₅	2002 07 03.3	18 48.65	-29 50.3	18.2	-1.16	- 4.0	2.8/02.6	31939
2001 FP ₁₄₁	2002 07 02.9	18 47.35	-33 49.8	19.6	-0.91	- 1.9	3.5/02.1	14270	1981 EG ₂₀	2002 07 03.3	18 48.68	-33 26.3	17.5	-0.98	+ 0.4	4.3/02.7	31800
2001 EQ ₅	2002 07 02.9	18 47.36	-23 51.4	18.4	-0.92	- 3.1	0.3/02.9	11932	2001 FT ₂₆	2002 07 03.3	18 48.71	+01 45.4	20.0	-0.76	- 0.6	7.3/05.4	13827
1999 XK ₁₃₇	2002 07 02.9	18 47.38	-26 43.8	19.4	-0.85	- 2.6	1.1/02.6	13636	1999 VG ₇₃	2002 07 03.3	18 48.71	-13 41.6	19.9	-0.97	- 1.1	3.5/04.0	11650
1999 TD ₃₅	2002 07 02.9	18 47.38	+23 57.5	18.0	-0.85	- 0.8	22.6/12.8	31865	2001 DT ₁₀₀	2002 07 03.3	18 48.72	-55 30.1	17.8	-1.39	+ 7.1	14.1/05.3	13818
2000 AU ₆₆	2002 07 02.9	18 47.43	-36 31.8	18.2	-0.98	- 0.5	4.3/02.1	2272	1995 UW ₂	2002 07 03.3	18 48.72	-22 06.1	18.2	-1.06	- 0.6	0.3/03.4	12111
1996 HY ₁₇	2002 07 03.0	18 47.42	-20 14.1	18.0	-0.85	- 1.6	1.1/03.2	31807	2000 AK ₁	2002 07 03.3	18 48.75	+05 17.5	18.1	-1.09	- 6.2	11.7/06.2	2708
1999 XU ₂₄	2002 07 03.0	18 47.42	-32 14.7	18.1	-1.07	- 4.5	3.6/02.0	31881	1999 WJ ₁₅	2002 07 03.3	18 48.79	-18 12.5	18.0	-0.91	+ 0.6	2.5/03.6	26924
1999 XX ₅₈	2002 07 03.0	18 47.53	-26 20.9	19.2	-1.07	- 2.8	1.5/02.7	17098	2001 FH ₁₂₇	2002 07 03.3	18 48.80	-23 36.9	18.5	-0.84	- 3.6	0.2/03.3	14424
1997 ER ₂₅	2002 07 03.0	18 47.61	-31 47.6	18.9	-1.07	- 2.5	3.5/02.3	12116	1999 RD ₃₅	2002 07 03.3	18 48.89	+15 45.6	18.9	-0.99	+ 2.5	14.7/03.3	38073
4141 T-1	2002 07 03.0	18 47.69	-22 31.5	20.0	-1.04	- 1.7	0.2/03.1	13874	1992 EY ₂₆	2002 07 03.3	18 48.90	-16 02.7	20.0	-0.93	- 2.0	2.3/03.9	5393
1999 TZ ₁₅₁	2002 07 03.0	18 47.71	-32 41.5	18.9	-1.16	- 3.8	4.2/02.1	12955	4170 T-3	2002 07 03.3	18 48.92	-22 02.5	19.1	-1.04	- 2.6	0.3/03.4	13877
1999 US ₂₃	2002 07 03.0	18 47.78	-16 21.5	18.5	-1.01	+ 0.3	2.6/03.4	13617	2001 FU ₈₀	2002 07 03.3	18 48.93	-11 40.9	19.1	-0.80	+ 0.4	3.4/04.0	16093
2001 FA ₁₃₅	2002 07 03.0	18 47.83	-05 55.4	17.6	-0.87	+ 2.7	6.6/03.6	31945	2000 XX ₄₉	2002 07 03.3	18 48.95	-31 36.9	19.3	-1.07	- 4.0	2.8/02.5	13800
2000 XY ₃₁	2002 07 03.0	18 47.87	-38 23.5	18.9	-1.29	- 1.8	6.4/02.0	9891	1999 TK ₇	2002 07 03.3	18 48.98	-27 20.2	19.7	-1.10	- 1.3	1.6/03.1	40377
1999 XL ₂₃₁	2002 07 03.1	18 47.78	-29 00.6	18.9	-0.97	- 3.2	1.8/02.5	2705	2001 FK ₅₂	2002 07 03.3	18 49.00	-10 01.2	19.8	-0.79	- 0.1	3.8/04.3	13305
1999 XP ₁₆₀	2002 07 03.1	18 47.78	-19 20.5	19.4	-0.98	- 2.4	1.3/03.4	3476	2001 FA ₉₀	2002 07 03.3	18 49.01	-25 42.5	20.5	-0.88	- 1.4	1.0/03.2	13326
1999 VG ₅	2002 07 03.1	18 47.83	-22 46.5	18.7	-1.14	- 1.3	0.1/03.1	12973	1998 DP ₁₀	2002 07 03.3	18 49.03	-17 47.4	19.3	-1.09	- 1.0	2.2/03.7	9694
1999 TW ₁₉₁	2002 07 03.1	18 47.83	-32 11.5	17.9	-1.11	+ 2.6	4.9/02.8	12959	1999 VG ₄₀	2002 07 03.3	18 49.03	-20 12.7	17.7	-0.87	- 1.1	1.0/03.6	31875
1999 XY ₁₇₉	2002 07 03.1	18 47.91	-31 10.1	19.5	-1.02	- 1.7	2.8/02.5	13638	2000 AH ₁₅₁	2002 07 03.3	18 49.04	-16 25.2	18.9	-0.92	- 4.7	2.2/04.1	13124
1993 NC ₂	2002 07 03.1	18 48.05	-23 42.1	16.4	-0.96	+ 3.9	0.3/03.1	31803	1999 XG ₂₆₁	2002 07 03.3	18 49.07	-47 01.3	19.5	-1.09	+ 0.9	6.8/02.2	17120
2000 AU ₁₃₅	2002 07 03.1	18 48.11	-31 21.3	18.2	-1.02	+ 2.7	3.1/03.0	31319	1999 UL ₁₅	2002 07 03.3	18 49.08	-14 24.8	17.8	-0.95	- 1.1	3.7/04.0	31872
2000 AJ ₁₂₂	2002 07 03.1	18 48.12	-09 58.6	17.0	-0.85	- 6.1	5.1/04.9	13118	2001 FY ₁₅₄	2002 07 03.4	18 49.00	-39 53.6	19.0	-1.04	+ 1.6	5.4/02.8	13845
1998 QM ₈₀	2002 07 03.1	18 48.15	+02 59.9	18.7	-0.90	+ 0.2	12.1/03.8	31236	2001 DO ₅₇	2002 07 03.4	18 49.04	-25 22.3	19.9	-1.07	- 1.1	1.0/03.2	17559
1999 XZ ₂₄	2002 07 03.1	18 48.17	-11 36.6	18.2	-1.09	+ 3.3	5.1/03.3	23511	1999 XZ ₅	2002 07 03.4	18 49.04	-13 53.2	20.3	-1.11	+ 2.2	3.7/03.6	1546
1999 XB ₁₃₉	2002 07 03.1	18 48.17	-24 33.0	19.0	-0.94	- 3.3	0.5/03.0	14168	1996 BC ₅	2002 07 03.4	18 49.12	-23 15.5	18.8	-0.94	- 3.6	0.1/03.4	12112
1998 SQ ₈₁	2002 07 03.1	18 48.20	-19 51.8	18.3	-0.88	- 1.3	1.1/03.4	18172	1999 TN ₁₆₇	2002 07 03.4	18 49.12	-13 14.2	19.8	-1.00	- 0.8	3.9/04.1	15050
1997 GH ₃₆	2002 07 03.1	18 48.25	-41 37.5	17.8	-1.15	- 2.7	6.4/01.5	13552	1999 RO ₈	2002 07 03.4	18 49.13	-16 39.8	20.3	-1.04	- 2.1	2.8/04.0	9107
2001 FA ₈₈	2002 07 03.2	18 48.19	-38 21.1	18.4	-1.00	- 2.8	5.2/01.7	13326	1992 LL	2002 07 03.4	18 49.15	-26 16.2	17.0	-1.09	- 5.9	1.7/03.0	31802
2000 AE ₅₀	2002 07 03.2	18 48.22	-21 45.7	19.5	-0.82	- 1.5	0.4/03.3	31889	2000 GZ ₁₅₇	2002 07 03.4	18 49.19	-23 14.5	18.9	-0.82	- 1.9	0.1/03.4	31908
2001 FH ₂₄	2002 07 03.2	18 48.23	-13 18.0	17.4	-0.82	+ 2.5	3.9/03.5	31942	2000 EL ₇₉	2002 07 03.4	18 49.21	-19 56.3	20.5	-0.79	- 1.8	0.8/03.7	17200
2000 AG ₃₂	2002 07 03.2	18 48.25	-29 12.1	19.0	-0.87	- 0.4	1.8/02.8	13096	1994 AH ₈	2002 07 03.4	18 49.29	-21 10.0	21.3	-0.80	- 1.3	0.5/03.6	1888
2000 AG ₁₆₇	2002 07 03.2	18 48.25	-11 17.6	20.3	-0.74	- 0.9	2.9/04.1	40441	1999 RY ₁₁₀	2002 07 03.4	18 49.29	-34 11.9	18.4	-1.09	+ 0.8	3.9/02.9	13606
2001 HR ₄₈	2002 07 03.2	18 48.33	-08 02.0	17.5	-0.83	- 7.7	5.5/05.5	13473	2001 ES	2002 07 03.4	18 49.30	-21 25.6	19.0	-1.11	+ 0.6	0.6/03.5	11924
2000 XU ₃₄	2002 07 03.2	18 48.33	-37 22.8	17.2	-1.05	- 2.9	5.3/02.0	25893	2001 CN ₂₂	2002 07 03.4	18 49.30	-25 42.1	20.1	-1.10	- 2.0	1.0/03.2	12287
1999 XP ₁₀₃	2002 07 03.2	18 48.41	-26 22.6	18.5	-1.04	+ 2.2	1.2/03.1	40415	2001 FH ₉₇	2002 07 03.4	18 49.31	-22 39.4	18.8	-0.89	- 3.1	0.1/03.5	13331
2001 FA ₁₇₈	2002 07 03.2	18 48.43	-09 20.4	18.6	-0.79	- 2.1	4.7/04.4	13386	1999 XB ₂₄₅	2002 07 03.4	18 49.33	-14 23.8	18.3	-0.92	- 5.4	3.0/04.5	17117
1995 FO ₁₂	2002 07 03.2	18 48.45	-15 24.0	19.6	-0.82	- 0.9	2.5/03.8	13543	1986 WV ₈	2002 07 03.4	18 49.36	-18 48.0	19.4	-1.04	- 0.1	1.5/03.7	14343
1999 VA ₉₀	2002 07 03.2	18 48.46	-19 58.0	19.7	-1.10	- 1.0	1.3/03.4	331	1999 TJ ₁₁₃	2002 07 03.4	18 49.39	-46 21.6	19.4	-1.35	+ 0.9	9.0/02.4	12171
1999 UN ₂₉	2002 07 03.2	18 48.47	-26 19.7	18.1	-1.04	- 2.8	1.5/03.0	31873	1993 TA ₁₅	2002 07 03.4	18 49.40	-31 06.5	18.8	-1.22	- 2.0	3.4/02.8	12108
1999 VQ ₂₂	2002 07 03.2	18 48.50	-09 32.2	17.7	-0.94	+ 1.3	4.6/03.8	31874	1999 TC ₆₅	2002 07 03.4	18 49.46	-22 49.0	20.3	-1.05	- 1.1	0.0/03.5	12949
1999 TP ₁₂₄	2002 07 03.2	18 48.51	-22 19.4	17.8	-1.07	+ 3.6	0.3/03.3	31868	2001 FD ₁₁₁	2002 07 03.4	18 49.50	-20 28.6	19.5	-0.89	- 1.8	0.9/03.7	14424
1999 JT ₄	2002 07 03.2	18 48.53	-55 21.2	18.3	-1.94	- 8.1	14.8/28.0	13594	2000 AU ₆₉	2002 07 03.5	18 49.45	-21 33.0	18.5	-0.98	- 4.3	0.5/03.7	2713
2001 CM ₉	2002 07 03.2	18 48.58	-18 27.0	20.0	-0.97	- 3.4	1.5/03.7	12285	1999 RK ₁₆₀	2002 07 03.5	18 49.50	-31 39.6	18.1	-1.15	- 2.8	4.7/02.7	2654
1999 TJ ₂₆	2002 07 03.2	18 48.65	-17 28.2	18.8	-1.04	- 0.3	2.2/03.6	11568	2001 FY ₁₈₃	2002 07 03.5	18 49.52	-29 22.7	20.8	-1.09	- 1.8	2.3/03.0	23619
2001 CM ₁₆	2002 07 03.2	18 48.65	-40 09.8	18.3	-1.16	+ 3.2	7.5/03.0	25896	1999 TD ₄₀	2002 07 03.5	18 49.58	-27 10.0	19.6	-1.12	- 2.5	1.7/03.2	12947
1999 RN ₁₀₉	2002 07 03.2	18 48.67	-27 01.4	18.5	-1.16	+ 1.3	1.8/03.1	11545	2000 AA ₁₄₁	2002 07 03.5	18 49.60	-09 12.6	18.0	-0.80	- 2.1	4.3/04.7	14389
1999 XA ₇₁	2002 07 03.2	18 48.68	-22 00.2	18.9	-0.97	- 2.3	0.3/03.4	1552	2001 BP ₇₂	2002 07 03.5	18 49.63	-10 57.7	20.7	-0.94	- 2.4	4.2/04.7	14921
2000 CW ₃₅	2002 07 03.3	18 48.59	-22 42.7	16.6	-1.08	+ 4.2	0.1/03.3	31897	2000 AM ₈₃	2002 07 03.5	18 49.63	-21 12.9	18.5	-0.80	- 2.7	0.5/03.7	13110
2000 DC ₄₅	2002 07 03.3	18 48.60	-19 54.2	19.2	-0.69	- 0.7	0.8/03.5	13168	1999 XO ₄₃	2002 07 03.5	18 49.71	-24 02.6	18.8	-1.09	- 0.9	0.4/03.5	12208

1999 RT ₉₆	2002 07 03.5	18 49.72	-33 10.3	18.3	-1.18	+	0.2	4.2/03.0	12153	2001 DM ₆₆	2002 07 03.9	18 51.11	-16 37.0	19.7	-1.08	-	1.6	2.6/04.4	15095
1998 WS ₃₇	2002 07 03.5	18 49.73	-30 51.2	19.5	-0.87	-	1.9	2.3/02.9	13586	1999 TX ₂₂₇	2002 07 03.9	18 51.11	-03 03.9	18.3	-0.89	+	0.4	7.3/05.2	13615
1998 YP ₉	2002 07 03.5	18 49.75	-16 29.4	18.7	-0.80	-	1.3	1.9/04.1	18188	1999 YG ₆	2002 07 03.9	18 51.18	-30 21.4	19.1	-1.22	+	5.5	2.5/04.0	2707
1999 XV ₅₂	2002 07 03.5	18 49.78	-25 44.7	18.4	-1.05	-	2.2	1.4/03.3	12209	1999 TZ ₉₄	2002 07 03.9	18 51.18	-28 21.0	18.8	-1.18	-	4.1	2.2/03.3	1482
1995 YK ₁	2002 07 03.5	18 49.83	-22 44.0	18.8	-0.98	-	2.7	0.1/03.6	40310	2001 AT ₁₅	2002 07 03.9	18 51.23	-01 42.6	20.7	-1.03	-	8.1	7.6/07.3	12268
2000 EC ₁₁₈	2002 07 03.5	18 49.83	-21 56.4	18.5	-0.85	-	4.7	0.3/03.7	31904	1999 RE ₁₀₅	2002 07 03.9	18 51.27	-33 16.4	18.6	-1.20	-	2.3	4.8/03.0	40364
2000 CR ₁₁₆	2002 07 03.5	18 49.91	-22 14.3	18.4	-0.85	-	3.9	0.2/03.7	31899	1999 UX ₁₄	2002 07 03.9	18 51.35	-40 21.4	19.1	-1.16	-	3.0	6.3/02.2	13617
1998 QQ ₃	2002 07 03.6	18 49.88	-57 41.1	19.6	-1.71	+	2.8	11.0/01.6	40329	2001 DL ₅₂	2002 07 03.9	18 51.36	-28 23.9	18.9	-1.13	-	1.4	2.2/03.6	13815
2000 YM ₅₅	2002 07 03.6	18 49.88	-19 10.7	18.6	-1.07	+	0.5	1.5/03.8	9503	1999 SY ₅	2002 07 03.9	18 51.43	-04 05.7	17.0	-1.10	-	8.0	7.4/06.5	13609
1999 RU ₁₁₄	2002 07 03.6	18 49.91	-11 57.3	19.4	-1.04	-	0.3	4.7/04.3	12154	1999 XJ ₆₆	2002 07 03.9	18 51.48	-28 46.4	19.5	-1.00	-	3.5	2.0/03.4	12210
1999 UM ₅₂	2002 07 03.6	18 49.92	-06 15.1	19.1	-0.85	-	1.8	5.4/05.1	13618	1999 TE ₂	2002 07 03.9	18 51.48	-31 04.6	17.8	-1.10	-	3.4	4.0/03.1	31864
1999 TC ₁₅₀	2002 07 03.6	18 49.94	-17 42.9	19.4	-0.95	-	2.2	1.8/04.1	15050	2001 FO ₉₆	2002 07 03.9	18 51.51	-16 13.1	19.5	-0.82	-	3.9	2.2/04.7	23618
2001 FY ₉₆	2002 07 03.6	18 49.97	-10 39.7	18.2	-0.80	-	3.8	4.4/05.0	13839	2001 FO ₁₂₂	2002 07 03.9	18 51.54	-28 39.9	21.6	-0.89	-	1.3	1.6/03.5	14424
2001 FF ₁₃	2002 07 03.6	18 49.98	-21 34.4	19.8	-0.84	-	1.5	0.4/03.7	13824	2000 AV ₉₀	2002 07 03.9	18 51.54	-17 03.3	18.9	-0.82	-	4.1	1.9/04.7	19479
1998 QJ ₄₉	2002 07 03.6	18 49.98	+10 45.5	17.8	-0.83	-	7.0	12.8/10.0	31821	1998 SO ₅₅	2002 07 03.9	18 51.55	-27 07.0	18.8	-0.96	-	1.0	1.5/03.7	31831
1998 HP ₅₇	2002 07 03.6	18 50.00	-38 25.4	17.8	-1.24	-	2.2	6.8/02.4	12123	2001 FP ₄₀	2002 07 03.9	18 51.58	-43 20.5	19.2	-1.19	-	0.4	7.2/02.5	17577
4289 P-L	2002 07 03.6	18 50.04	-30 07.8	19.2	-1.15	-	0.8	2.9/03.2	12089	2001 BX ₇₄	2002 07 03.9	18 51.59	-43 25.4	19.5	-1.21	-	0.4	7.0/02.6	13809
1999 VJ ₁₈₁	2002 07 03.6	18 50.14	-24 36.2	19.8	-1.00	-	1.3	0.6/03.5	13008	2001 BX ₅₃	2002 07 04.0	18 51.48	-10 31.8	18.4	-0.91	-	3.3	5.3/05.3	17540
1999 VH ₉	2002 07 03.6	18 50.18	-30 35.6	18.5	-1.13	-	2.6	3.0/03.0	40389	2001 DV ₆₄	2002 07 04.0	18 51.56	-15 16.8	20.6	-1.01	-	2.1	2.8/04.7	14419
1999 TD ₂₉	2002 07 03.6	18 50.20	-15 26.6	18.3	-0.99	-	1.0	2.8/04.2	31865	2000 YY ₈₉	2002 07 04.0	18 51.61	-21 16.5	20.5	-1.09	-	3.1	0.7/04.2	9528
1999 XC ₅₇	2002 07 03.6	18 50.25	-21 46.4	19.2	-0.87	-	1.6	0.4/03.8	13631	1997 QB ₃	2002 07 04.0	18 51.77	+02 37.4	17.3	-0.73	-	3.2	9.8/07.3	31809
2001 AF ₂₃	2002 07 03.7	18 50.24	-14 02.8	19.3	-1.04	-	3.7	4.0/04.6	17528	2001 FK ₇₉	2002 07 04.0	18 51.80	-23 25.5	19.3	-0.90	-	2.3	0.2/04.0	12053
1997 HL ₁₀	2002 07 03.7	18 50.28	-19 29.0	19.0	-0.94	-	1.2	1.2/04.0	16010	6179 P-L	2002 07 04.0	18 51.85	-25 15.7	17.7	-0.97	-	0.2	1.0/03.9	32042
2001 FC ₁₄	2002 07 03.7	18 50.29	-31 21.9	18.2	-0.91	-	1.1	2.9/03.1	14420	1999 RP ₄₁	2002 07 04.0	18 51.86	-24 36.3	21.0	-1.01	-	1.6	0.5/03.9	14787
2000 AE ₁₈₇	2002 07 03.7	18 50.30	-08 09.2	18.6	-0.91	-	3.6	5.2/05.2	14391	1999 UQ ₃₆	2002 07 04.0	18 51.98	-25 58.3	19.6	-1.07	-	0.5	1.1/03.9	12184
1998 QX ₇₈	2002 07 03.7	18 50.35	-00 27.7	16.9	-0.89	+	2.1	9.6/04.3	31822	1998 QZ ₅₅	2002 07 04.1	18 51.91	-24 10.9	17.3	-0.96	-	0.2	0.5/04.0	31821
1989 TN ₁	2002 07 03.7	18 50.37	-37 58.7	19.0	-1.13	+	0.1	5.2/02.7	31801	2001 CL ₄	2002 07 04.1	18 51.96	-34 33.5	18.4	-1.05	-	0.2	4.1/03.4	13809
2001 CJ ₄₄	2002 07 03.7	18 50.41	-31 26.0	18.7	-0.94	-	5.1	2.8/02.7	18312	2001 CG ₄₃	2002 07 04.1	18 51.96	-18 39.7	18.2	-0.86	-	5.1	1.4/04.7	13252
2001 HD ₅₀	2002 07 03.7	18 50.42	-21 29.2	18.7	-0.84	-	4.4	0.5/03.9	13475	1998 XQ ₂₃	2002 07 04.1	18 51.96	-19 22.3	19.8	-0.81	-	0.3	1.0/04.4	18185
1998 SY ₇₀	2002 07 03.7	18 50.54	-09 20.5	18.8	-0.80	-	1.5	4.4/04.9	27610	1999 XT ₃₆	2002 07 04.1	18 52.06	-36 05.5	17.7	-1.14	-	1.4	4.9/03.0	13630
1998 FR ₂₃	2002 07 03.7	18 50.61	-21 22.0	18.3	-1.05	-	3.2	0.7/03.9	9065	1999 VH ₃₉	2002 07 04.1	18 52.08	-21 03.7	18.4	-0.95	-	0.3	0.7/04.3	12189
1999 RN	2002 07 03.7	18 50.69	-28 47.4	19.1	-1.14	-	0.9	2.3/03.4	13604	2001 FP ₁₇₅	2002 07 04.1	18 52.10	-21 54.2	18.1	-0.89	-	5.0	0.3/04.3	13384
1999 VZ ₂₄	2002 07 03.7	18 50.70	-29 18.6	18.1	-0.97	-	3.6	2.1/03.1	31874	2000 EH ₁₁₈	2002 07 04.1	18 52.14	-35 47.2	18.8	-0.97	-	3.0	4.1/02.8	31904
1999 RG ₁₃₇	2002 07 03.8	18 50.66	-30 33.3	18.2	-1.18	+	0.2	2.9/03.4	30310	2000 YW ₆₇	2002 07 04.1	18 52.14	-24 27.3	19.2	-1.13	+	0.5	0.6/04.1	13801
2001 BR ₁₅	2002 07 03.8	18 50.67	-21 48.1	19.7	-0.99	-	2.4	0.4/03.9	12273	1999 RS ₆₉	2002 07 04.1	18 52.22	-20 34.2	18.6	-1.06	-	2.5	0.9/04.4	13605
2001 DE ₈₉	2002 07 03.8	18 50.70	-15 32.1	18.3	-0.89	-	2.3	2.8/04.5	25897	2000 AM ₁₈₀	2002 07 04.1	18 52.27	-10 46.2	18.9	-0.81	-	2.8	3.9/05.4	30348
2000 BM ₃₀	2002 07 03.8	18 50.72	-41 39.3	17.4	-1.14	+	3.6	6.9/03.3	13141	1999 YF ₅	2002 07 04.2	18 52.32	-26 31.2	17.5	-0.88	-	5.5	1.1/03.7	31888
2000 AC ₁₉₁	2002 07 03.8	18 50.74	-05 59.0	17.4	-0.95	+	3.2	6.5/04.1	31893	2000 AN ₈₉	2002 07 04.2	18 52.35	-16 29.6	17.6	-0.92	-	4.0	2.5/04.9	31890
1999 RA ₃₈	2002 07 03.8	18 50.79	-27 22.8	18.4	-1.09	-	1.8	1.7/03.5	31858	1999 WJ ₁₆	2002 07 04.2	18 52.42	-21 16.6	20.8	-1.05	-	1.4	0.7/04.3	17094
2001 AJ ₁₃	2002 07 03.8	18 50.87	-18 32.3	19.0	-1.05	-	1.3	1.6/04.2	12268	2000 YA ₅₄	2002 07 04.2	18 52.43	-21 20.7	17.9	-1.06	-	6.6	0.7/04.4	31930
2001 FG ₁₆₀	2002 07 03.8	18 50.88	-29 21.9	19.0	-1.01	+	0.2	2.4/03.5	13368	1999 WF ₁	2002 07 04.2	18 52.47	-28 54.2	17.3	-1.08	-	3.0	2.3/03.7	31879
1999 VE ₁₄	2002 07 03.8	18 50.99	+04 10.1	18.5	-1.13	+	9.5	12.1/01.6	40390	1999 RG ₈₈	2002 07 04.2	18 52.47	-16 47.3	19.3	-1.05	-	1.6	2.6/04.7	12152
1999 RG ₂₉	2002 07 03.8	18 51.02	+15 27.8	18.7	-1.06	-	4.8	16.8/07.5	12150	2001 FV ₈₁	2002 07 04.2	18 52.48	-39 19.8	18.6	-1.17	+	1.8	5.8/03.5	13837
2001 CK ₃₇	2002 07 03.8	18 51.02	-13 54.0	19.3	-1.02	-	3.4	3.8/04.8	12290	2001 FR ₁₇₂	2002 07 04.2	18 52.62	-21 46.8	18.9	-0.87	-	4.6	0.3/04.4	14426
2001 GA ₅	2002 07 03.8	18 51.04	-40 17.8	17.9	-1.17	-	6.1	6.8/01.3	13392	1999 RS ₃₆	2002 07 04.2	18 52.64	-14 36.9	19.2	-1.03	-	1.2	3.3/04.9	12150
1981 EM ₉	2002 07 03.8	18 51.05	-21 18.0	17.1	-0.99	+	3.2	0.9/03.9	31800	1999 UD ₄₆	2002 07 04.2	18 52.66	-06 44.4	17.0	-0.87	+	6.1	8.9/04.1	31873
1999 UL ₂₇	2002 07 03.8	18 51.09	-39 04.9	18.2	-1.19	-	0.4	8.2/02.8	1516	1999 RV ₆₁	2002 07 04.3	18 52.74	-15 08.0	19.3	-1.05	-	0.8	3.1/04.8	17029
2001 BF ₂₉	2002 07 03.8	18 51.11	-25 57.8	18.4	-1.09	+	1.7	1.5/03.8	31936	1999 TW ₁₂₁	2002 07 04.3	18 52.82	-30 40.0	18.0	-1.09	0.0	3.1/03.9	31868	
2000 WB ₁₂₃	2002 07 03.8	18 51.13	-25 30.2	19.5	-1.14	-	2.6	1.0/03.7	31926	2001 DD ₆₆	2002 07 04.3	18 52.83	-13 46.1	19.1	-0.93	-	2.7	3.8/05.2	18313
1999 VM ₇₇	2002 07 03.8	18 51.14	-07 37.7	17.9	-0.96	+	4.2	6.4/04.1	9255	1998 VX ₅₄	2002 07 04.3	18 52.85	-11 21.9	18.1	-0.88	+	3.4	3.5/04.6	30288
1999 XY ₂₀	2002 07 03.9	18 51.08	-33 28.3	17.7	-1.17	-	3.6	4.3/02.8	31881	1997 SF ₃₂	2002 07 04.3	18 52.88	-14 35.2	19.6	-0.78	-	0.8	2.7/05.0	16764

1999 VN ₆₄	2002 07 04.3	18 52.96	-27 46.8	19.4	-1.07	- 2.6	1.8/03.9	38119	2001 GW ₅	2002 07 04.6	18 54.37	+18 16.3	18.3	-0.87	- 2.7	14.4/09.4	31946
1999 XP ₁₅₅	2002 07 04.3	18 53.07	-08 37.8	18.1	-0.92	+ 2.5	5.1/04.8	31885	1999 VO ₁₉₄	2002 07 04.6	18 54.39	-11 21.4	19.4	-0.93	- 2.4	4.1/05.7	16043
1998 BX	2002 07 04.3	18 53.11	-20 33.1	19.2	-0.68	- 1.3	0.6/04.6	16786	2000 AU ₁₀₃	2002 07 04.6	18 54.43	-22 50.0	16.4	-0.94	- 8.3	0.0/04.7	31891
1999 TM ₃	2002 07 04.3	18 53.16	-25 15.6	17.4	-1.00	- 4.5	1.2/04.1	31864	1999 TP ₂₁₆	2002 07 04.6	18 54.44	-29 17.5	20.2	-1.11	- 0.4	2.5/04.3	5639
2001 DX ₁₀₃	2002 07 04.3	18 53.17	-26 12.0	20.0	-0.94	- 1.0	1.2/04.1	18313	1998 UU ₄₀	2002 07 04.7	18 54.37	-22 24.3	18.6	-0.93	- 0.8	0.2/04.7	13584
2000 AQ ₄₈	2002 07 04.3	18 53.19	-31 10.4	19.2	-1.18	- 3.5	3.4/03.5	14386	2001 DV ₇₁	2002 07 04.7	18 54.42	-32 25.5	19.6	-1.08	0.0	3.3/04.1	13816
1999 SD ₃	2002 07 04.3	18 53.20	-55 09.7	19.9	-1.55	+ 2.4	9.0/02.9	38806	1999 VC ₁₄₂	2002 07 04.7	18 54.48	-24 37.4	19.5	-0.99	- 1.4	0.8/04.6	13624
1995 YT ₇	2002 07 04.4	18 53.13	-23 19.5	17.3	-0.95	- 5.3	0.2/04.3	31807	1999 XL ₁₁₂	2002 07 04.7	18 54.53	-32 06.9	18.5	-0.91	- 3.6	2.8/03.7	16043
2001 FX ₁₆₆	2002 07 04.4	18 53.14	-16 31.6	16.9	-0.96	+ 4.4	2.9/04.5	31946	1999 XD ₁₁	2002 07 04.7	18 54.54	-35 23.7	18.5	-1.15	- 1.6	5.7/03.6	14157
1998 UX ₈	2002 07 04.4	18 53.19	-11 21.5	17.9	-0.87	+ 0.9	4.4/05.0	34594	2001 BJ ₆₆	2002 07 04.7	18 54.54	-08 32.5	18.5	-0.88	- 3.9	4.5/06.4	13808
2000 AL ₃₂	2002 07 04.4	18 53.21	-21 18.6	18.2	-0.99	- 6.3	0.6/04.6	13097	4367 T-3	2002 07 04.7	18 54.60	-42 55.8	19.7	-1.17	- 3.0	6.8/02.5	13877
2001 FF ₅₂	2002 07 04.4	18 53.21	-46 40.0	18.7	-1.10	+ 0.1	7.3/02.8	13305	1998 HL ₃₀	2002 07 04.7	18 54.62	-28 34.7	18.1	-1.16	- 3.2	2.3/04.2	31815
1993 TD ₁₈	2002 07 04.4	18 53.34	-35 05.6	19.6	-0.99	- 1.9	4.1/03.3	25678	2001 FN ₅₆	2002 07 04.7	18 54.65	+08 43.8	18.3	-0.75	+ 0.3	9.9/07.1	31943
2001 FD ₁₅₄	2002 07 04.4	18 53.37	-22 58.0	18.9	-0.89	- 3.3	0.0/04.4	13845	2001 DL ₆	2002 07 04.7	18 54.66	-17 54.7	19.1	-0.94	- 5.0	1.7/05.4	12292
1999 XG ₂₂₄	2002 07 04.4	18 53.52	-23 16.3	18.8	-0.93	- 0.8	0.1/04.4	12220	2000 AF ₄₀	2002 07 04.7	18 54.66	-29 20.8	20.6	-1.07	- 2.0	2.2/04.2	20746
1999 VO ₃₃	2002 07 04.4	18 53.56	-18 53.6	18.9	-0.94	- 0.9	1.5/04.8	12189	1998 SE ₁₃₀	2002 07 04.7	18 54.67	-19 53.6	17.8	-0.87	- 1.2	1.1/05.0	31835
2000 AV ₂₄₀	2002 07 04.4	18 53.60	+07 05.3	18.9	-0.87	+ 1.9	10.3/05.9	31895	1997 SF ₄	2002 07 04.7	18 54.69	-08 11.0	18.3	-0.80	+ 0.2	5.3/05.6	12119
2000 VG ₂	2002 07 04.4	18 53.62	-22 25.3	18.3	-1.04	+ 3.5	0.1/04.5	9858	2000 WR ₁₇₉	2002 07 04.7	18 54.73	+00 30.9	17.2	-0.90	- 4.2	9.5/07.9	31927
2001 DO ₁	2002 07 04.5	18 53.57	-13 55.4	18.8	-0.93	- 4.8	4.3/05.6	27191	2001 FR ₂₇	2002 07 04.7	18 54.83	-26 05.5	18.5	-0.94	- 0.7	1.1/04.6	27766
2000 YF ₃₀	2002 07 04.5	18 53.60	-29 20.3	17.3	-1.01	- 5.6	2.9/03.7	31371	2001 BA ₅	2002 07 04.7	18 54.85	-28 32.9	18.8	-1.10	- 4.0	2.2/04.2	31935
1999 TK ₂₈₆	2002 07 04.5	18 53.61	-24 32.6	20.1	-1.06	+ 0.1	0.6/04.4	17062	2000 AY ₂₃₉	2002 07 04.8	18 54.82	-20 57.8	19.0	-0.88	- 1.0	0.6/05.0	31895
2001 DJ ₆₆	2002 07 04.5	18 53.68	-36 09.6	19.1	-1.11	+ 1.6	4.6/04.0	12301	2001 FK ₁₅	2002 07 04.8	18 54.85	-15 05.6	18.8	-0.82	- 1.6	2.9/05.5	14420
1999 RV ₂₂	2002 07 04.5	18 53.69	-29 42.3	18.1	-1.14	+ 0.2	2.8/04.1	13604	2000 AM ₇	2002 07 04.8	18 54.87	-34 30.7	16.9	-1.00	- 4.7	4.7/03.3	31888
2001 FG ₁₅	2002 07 04.5	18 53.89	-20 23.0	18.4	-0.83	- 1.1	0.8/04.8	31942	2001 FO ₁₈₉	2002 07 04.8	18 54.88	-24 04.2	19.6	-0.96	- 0.7	0.5/04.7	17597
1999 RD ₂₂₅	2002 07 04.5	18 53.92	-31 06.0	18.5	-1.22	+ 1.0	3.7/04.1	12938	2001 DS ₂₅	2002 07 04.8	18 54.94	-21 26.4	18.7	-0.96	- 2.7	0.6/05.0	14266
2000 AK ₁₃₉	2002 07 04.5	18 53.93	-25 17.1	18.9	-1.06	- 4.5	0.9/04.3	13648	1999 WU ₉	2002 07 04.8	18 55.00	-19 49.4	18.5	-1.04	+ 2.7	1.1/04.9	40402
2000 AV ₂₄₇	2002 07 04.5	18 53.96	-38 35.1	17.6	-1.11	- 4.8	6.1/02.4	14392	1998 HS ₁₃	2002 07 04.8	18 55.01	-24 54.3	17.4	-1.07	+ 1.3	1.0/04.7	31814
2000 YB ₁₇	2002 07 04.5	18 53.96	-05 04.6	19.3	-1.12	+ 4.7	6.8/05.0	9896	2001 BM ₇₇	2002 07 04.8	18 55.10	+04 03.8	18.5	-0.76	- 4.7	8.6/08.8	14418
2001 BE ₆₇	2002 07 04.5	18 54.00	-20 13.1	18.3	-0.90	+ 1.1	0.9/05.0	13808	1995 WA ₁₃	2002 07 04.8	18 55.12	-21 38.7	18.9	-0.98	- 3.2	0.5/05.0	12112
1999 WH ₇	2002 07 04.5	18 54.00	-22 10.4	19.5	-0.98	- 0.8	0.2/04.6	39556	2000 AR ₂₂₆	2002 07 04.8	18 55.17	-22 03.8	18.9	-0.92	- 3.0	0.3/05.0	30349
1993 FP ₃₃	2002 07 04.5	18 54.00	-19 15.0	18.7	-0.98	- 2.2	1.3/04.9	13537	2001 BT ₃₂	2002 07 04.8	18 55.20	-19 55.3	19.0	-1.05	- 1.5	1.1/05.1	12275
2001 CG ₂₉	2002 07 04.5	18 54.05	-37 15.7	18.7	-1.15	+ 0.1	5.3/03.7	12289	1999 UF ₁₇	2002 07 04.8	18 55.20	-06 03.8	18.6	-0.92	+ 1.1	6.1/05.9	13617
2000 EO ₁₇₅	2002 07 04.5	18 54.13	-60 28.3	19.4	-1.80	+ 1.2	11.2/01.2	20760	1992 DZ ₃	2002 07 04.9	18 55.23	-37 44.1	18.6	-1.18	+ 1.0	6.2/03.9	31802
2001 FE ₁₈₆	2002 07 04.6	18 53.96	-14 17.1	18.7	-0.83	- 5.2	2.8/05.7	18315	2001 DL ₅₁	2002 07 04.9	18 55.23	-21 13.9	17.0	-0.94	- 8.9	0.7/05.2	31401
1997 CG ₂	2002 07 04.6	18 54.00	-24 57.9	19.1	-1.06	- 0.6	1.0/04.5	9688	1998 OJ ₁	2002 07 04.9	18 55.25	-08 33.5	17.5	-0.95	+ 4.8	6.5/04.9	31818
1999 XU ₁₉₇	2002 07 04.6	18 54.01	-35 46.3	19.2	-0.93	- 1.4	3.6/03.5	9783	2000 XJ ₄₅	2002 07 04.9	18 55.30	-65 09.0	18.1	-2.15	- 5.2	21.9/26.2	9459
1999 RX ₈₀	2002 07 04.6	18 54.02	-30 03.4	18.7	-1.17	+ 1.1	3.1/04.3	13605	1990 SG ₆	2002 07 04.9	18 55.37	-30 11.1	19.4	-1.05	- 2.4	2.7/04.2	13533
2001 BB ₄₉	2002 07 04.6	18 54.04	-16 43.3	18.0	-1.00	+ 3.7	2.5/05.0	31936	1999 VW ₂₈	2002 07 04.9	18 55.39	-25 40.0	20.2	-0.94	- 1.4	0.9/04.7	12981
1999 VD ₆₄	2002 07 04.6	18 54.07	-38 32.1	19.6	-1.12	- 3.3	5.2/02.9	13622	1999 RP ₂₇	2002 07 04.9	18 55.41	-21 19.1	17.2	-1.03	- 2.1	0.8/05.0	31857
1998 QV ₃₆	2002 07 04.6	18 54.11	-36 53.1	18.8	-1.21	+ 4.7	6.8/04.3	31820	1997 GD	2002 07 04.9	18 55.49	-45 01.1	17.7	-1.60	- 2.7	12.9/03.2	31809
1999 UQ ₁₄	2002 07 04.6	18 54.16	-29 57.8	20.6	-1.04	- 2.6	2.3/04.0	1514	2001 DG ₉₄	2002 07 04.9	18 55.50	-15 18.1	20.6	-1.02	- 1.9	2.7/05.6	11915
1999 RN ₇₁	2002 07 04.6	18 54.18	-12 09.6	17.6	-1.01	- 3.7	4.4/05.8	31858	2001 DN ₂₈	2002 07 04.9	18 55.60	-31 14.8	18.6	-1.00	- 1.4	3.3/04.3	12296
2000 AK ₁₂₄	2002 07 04.6	18 54.18	-05 52.0	17.7	-0.80	- 6.8	5.5/07.3	14389	1998 OP ₁₀	2002 07 04.9	18 55.61	-32 42.1	16.8	-1.09	+ 3.8	4.3/05.0	31818
1998 SM ₁₀	2002 07 04.6	18 54.18	-09 25.3	19.0	-0.82	+ 0.9	4.0/05.4	13577	2001 FP ₉₄	2002 07 04.9	18 55.64	-27 16.2	17.8	-0.86	- 3.5	1.6/04.5	31410
1998 SF ₉₉	2002 07 04.6	18 54.19	-46 01.9	20.1	-1.10	- 0.7	6.7/02.7	16854	1999 VN ₂₂	2002 07 05.0	18 55.61	-22 22.9	18.5	-1.11	- 0.3	0.2/05.0	38105
2000 AP ₁₉₁	2002 07 04.6	18 54.23	-07 56.6	19.0	-0.91	+ 1.5	5.0/05.3	14193	2001 EL ₁₇	2002 07 05.0	18 55.61	+07 12.0	18.3	-0.87	- 5.3	9.1/09.3	31942
1999 TP ₈	2002 07 04.6	18 54.25	-25 24.9	17.9	-1.05	- 2.6	1.1/04.4	31864	1998 SA ₁₄₆	2002 07 05.0	18 55.64	-09 57.9	19.5	-0.79	- 0.6	4.1/06.0	22052
2000 YR ₂	2002 07 04.6	18 54.30	-35 44.6	17.4	-1.15	- 2.3	6.1/03.5	11012	1999 VG ₂₈	2002 07 05.0	18 55.64	-14 45.0	18.2	-1.00	+ 1.3	3.8/05.4	18217
1999 UY ₁₆	2002 07 04.6	18 54.31	-31 09.3	20.6	-1.17	- 1.5	3.1/04.0	2676	2001 CZ ₉	2002 07 05.0	18 55.66	-34 24.0	20.0	-1.05	- 1.5	3.7/04.1	20836
1998 DF ₈	2002 07 04.6	18 54.34	-28 09.7	18.7	-1.16	- 3.1	2.5/04.2	9694	2001 BZ ₇₂	2002 07 05.0	18 55.72	-16 33.7	18.2	-0.90	+ 0.7	2.4/05.4	19919
2000 CG ₅₅	2002 07 04.6	18 54.34	-31 04.8	19.3	-0.86	- 1.4	2.4/04.0	13655	9548 P-L	2002 07 05.0	18 55.73	-16 24.0	18.6	-0.82	- 2.1	2.7/05.6	13874

1998 FY ₇₈	2002 07 05.0	18 55.81	-14 17.1	17.1	-0.91	- 5.1	4.3/06.1	31225	2001 BN ₂₆	2002 07 05.3	18 57.35	-22 11.6	19.6	-1.04	- 1.6	0.2/05.4	17536
2000 EL ₃₃	2002 07 05.0	18 55.91	-22 40.9	18.6	-0.85	- 2.9	0.0/05.1	11777	2000 AO ₁₂	2002 07 05.4	18 57.28	-29 11.3	18.2	-0.98	- 2.8	2.3/04.7	31888
2000 YZ ₆	2002 07 05.0	18 55.92	-27 24.8	19.0	-1.14	+ 0.1	1.9/04.8	31929	1999 RK ₉₀	2002 07 05.4	18 57.30	-20 30.4	19.4	-1.09	- 3.5	0.9/05.6	14137
1999 VZ ₇₅	2002 07 05.0	18 55.93	-24 03.4	21.4	-1.06	- 2.2	0.5/05.0	2167	2001 FC ₂	2002 07 05.4	18 57.30	-28 03.0	19.8	-1.08	- 3.0	1.9/04.9	19925
2001 FW ₈₆	2002 07 05.0	18 55.97	-10 41.1	18.3	-0.81	- 4.1	4.4/06.5	31944	2002 LX ₁₂	2002 07 05.4	18 57.35	-12 25.1	16.1	-0.94	+ 3.9	5.3/05.5	31776
2001 FB ₁₃₅	2002 07 05.0	18 55.98	-14 10.5	17.5	-0.97	+ 6.3	3.7/05.0	31410	1998 QF ₈₇	2002 07 05.4	18 57.45	-10 43.1	18.6	-0.94	+ 0.6	4.6/06.1	23460
2001 HE ₁	2002 07 05.0	18 56.04	-43 16.2	19.9	-1.04	- 1.8	6.0/03.1	30455	2000 DO ₅₇	2002 07 05.4	18 57.45	-20 55.6	20.4	-0.85	- 1.0	0.5/05.6	13658
2000 YT ₁₁₄	2002 07 05.0	18 56.11	-27 52.9	18.3	-1.10	- 1.5	2.2/04.7	10663	3091 T-3	2002 07 05.4	18 57.45	-10 38.9	20.0	-0.99	- 0.8	4.9/06.3	9937
2000 YA ₁₀₁	2002 07 05.1	18 56.05	+21 27.2	20.2	-0.88	- 4.8	13.9/13.9	16090	2001 FR ₂₈	2002 07 05.4	18 57.47	-33 11.4	20.4	-1.07	- 1.9	3.3/04.5	13827
2001 HF ₂₂	2002 07 05.1	18 56.16	-04 00.3	19.4	-0.76	+ 0.4	5.7/06.4	13436	2001 FH ₁₂	2002 07 05.4	18 57.50	+00 03.8	19.0	-0.76	- 2.3	7.1/08.1	22770
2001 CM ₁₂	2002 07 05.1	18 56.17	-30 43.9	18.9	-1.17	- 1.5	3.4/04.5	12286	1998 QW ₇₃	2002 07 05.4	18 57.56	+01 24.6	17.2	-0.82	+ 4.4	12.1/05.3	31822
2001 BQ ₇₀	2002 07 05.1	18 56.18	-27 59.4	16.6	-1.12	+ 8.7	2.7/05.3	12281	1995 UT ₇₃	2002 07 05.4	18 57.64	-15 00.3	19.5	-0.94	- 1.3	2.9/06.1	19265
2000 WB ₁₆₅	2002 07 05.1	18 56.21	-23 20.4	18.5	-1.02	- 4.5	0.2/05.1	14417	2001 CY ₄₁	2002 07 05.4	18 57.68	-42 03.7	16.6	-1.25	+ 9.8	8.7/06.9	11851
1998 SM ₅₇	2002 07 05.1	18 56.22	-22 23.9	18.3	-0.88	- 2.0	0.1/05.2	13578	1999 VA ₁₉₄	2002 07 05.4	18 57.69	-35 22.6	20.0	-1.09	- 2.3	4.4/04.2	13010
1999 TE ₁₃₁	2002 07 05.1	18 56.24	-25 24.0	20.4	-1.09	- 1.2	1.0/04.9	2125	1994 PX ₁₃	2002 07 05.4	18 57.73	-17 21.4	19.1	-0.95	- 1.5	2.0/06.0	12109
1999 VV ₅₄	2002 07 05.1	18 56.26	-27 16.9	19.8	-1.15	- 2.3	1.9/04.7	2681	2001 DP ₇₉	2002 07 05.4	18 57.74	-11 22.2	18.5	-0.98	+ 3.0	4.3/05.9	20837
1999 VE ₆₄	2002 07 05.1	18 56.32	-29 45.1	19.2	-1.05	- 3.0	2.7/04.5	11646	1999 XG ₁₈	2002 07 05.5	18 57.68	-30 14.8	19.2	-1.14	- 2.6	2.8/04.8	11687
1998 SP ₇₅	2002 07 05.1	18 56.35	-01 00.9	18.3	-0.79	- 1.9	9.5/07.3	12140	2001 FQ ₁₅	2002 07 05.5	18 57.74	-08 37.4	18.6	-0.80	- 1.6	5.0/06.9	13825
1998 DD ₁₈	2002 07 05.1	18 56.36	-14 17.8	17.6	-0.88	- 5.6	4.6/06.3	31811	2000 AC ₃₂	2002 07 05.5	18 57.82	-26 39.1	18.5	-0.85	- 4.2	1.2/05.1	13642
1999 XS ₉₃	2002 07 05.1	18 56.44	-23 18.5	17.8	-0.99	- 3.5	0.2/05.1	10548	1999 RZ ₂₃₂	2002 07 05.5	18 57.84	-24 31.1	17.2	-0.89	- 4.7	1.0/05.3	31270
1999 TS ₂₈₃	2002 07 05.1	18 56.45	-08 50.0	19.5	-0.90	- 1.8	4.8/06.5	13616	2000 DP ₈₄	2002 07 05.5	18 57.85	-20 21.3	18.7	-0.85	- 1.7	0.8/05.8	31901
1999 TE	2002 07 05.1	18 56.47	-18 42.1	18.6	-1.13	- 0.3	1.9/05.4	40375	1999 WR ₂	2002 07 05.5	18 57.91	-25 03.2	19.1	-1.11	- 1.0	1.0/05.4	38124
2000 WY ₁₀₆	2002 07 05.2	18 56.47	-11 09.2	17.6	-1.40	+14.1	6.4/04.2	9877	2001 FM ₂₆	2002 07 05.5	18 57.96	+10 22.7	18.0	-0.84	- 0.1	11.5/08.4	31942
1996 YR ₁	2002 07 05.2	18 56.50	-26 40.7	18.8	-1.08	+ 0.8	1.5/05.0	12114	1995 BQ ₈	2002 07 05.5	18 57.99	-23 26.6	18.4	-0.87	- 2.1	0.2/05.5	13542
1999 VV ₂₁₃	2002 07 05.2	18 56.54	-25 26.7	18.6	-1.12	- 1.2	1.1/05.0	2184	2000 WN ₁₄₃	2002 07 05.5	18 58.05	-28 59.6	18.1	-1.18	+ 4.1	2.5/05.5	31926
1999 VP ₅₄	2002 07 05.2	18 56.63	-18 40.6	18.3	-0.99	- 0.9	2.0/05.6	31297	2000 YQ ₆₈	2002 07 05.5	18 58.11	-28 22.3	18.0	-1.02	+ 1.2	2.1/05.3	31931
2710 P-L	2002 07 05.2	18 56.64	-35 30.3	19.3	-0.94	- 1.3	3.7/04.1	16167	1999 XW ₁₈₃	2002 07 05.5	18 58.12	-32 03.1	17.0	-1.13	- 1.1	4.5/04.8	16044
2000 CL ₁₄	2002 07 05.2	18 56.66	-21 16.7	18.8	-0.86	+ 0.6	0.5/05.3	13144	2000 WU ₁₅₀	2002 07 05.6	18 58.30	-23 28.9	17.8	-1.60	+12.7	0.4/05.7	9882
2001 EV ₄	2002 07 05.2	18 56.71	-26 45.6	20.6	-1.06	- 1.7	1.4/04.9	11931	1999 XR ₁₃₆	2002 07 05.6	18 58.52	-33 11.1	17.2	-1.16	+ 1.3	3.8/05.1	2231
1999 TY ₁₉₄	2002 07 05.2	18 56.75	-20 27.7	17.8	-0.97	- 0.2	1.0/05.4	31869	1999 XY ₂₂₄	2002 07 05.6	18 58.53	-24 10.7	20.5	-0.87	+ 1.0	0.4/05.6	6264
2001 EU ₁₅	2002 07 05.2	18 56.75	-18 53.5	19.3	-0.89	- 3.3	1.2/05.7	13821	1999 XP ₁₁₀	2002 07 05.6	18 58.55	-13 01.1	17.7	-0.94	+ 1.8	3.6/06.2	31884
2001 FT ₇₂	2002 07 05.2	18 56.81	-26 31.4	18.4	-0.85	- 2.2	1.2/04.9	31944	2000 AG ₁₇₉	2002 07 05.7	18 58.52	-11 21.1	18.6	-0.94	- 0.2	4.2/06.5	13650
1999 XG ₂₃₁	2002 07 05.2	18 56.81	-36 31.4	18.0	-0.96	- 4.7	3.9/03.5	31887	1999 XU ₂₁₂	2002 07 05.7	18 58.60	-12 10.0	19.4	-0.91	- 0.5	3.4/06.5	1558
2000 CE ₆₉	2002 07 05.2	18 56.86	-09 21.1	18.4	-0.81	- 4.9	4.4/07.0	13154	1997 GS ₃₅	2002 07 05.7	18 58.61	-09 40.0	18.6	-0.89	+ 0.2	5.0/06.7	13552
1998 XG ₇	2002 07 05.2	18 56.87	-24 44.3	18.9	-0.85	- 2.5	0.7/05.1	16877	1999 XL ₅	2002 07 05.7	18 58.62	-25 48.6	20.0	-1.02	- 2.5	1.0/05.4	2694
1999 UE ₄₄	2002 07 05.2	18 56.88	-26 44.5	18.6	-1.03	- 0.2	1.5/05.0	31873	1999 VX ₃₃	2002 07 05.7	18 58.62	-35 03.4	19.8	-1.03	- 2.8	4.1/04.4	11637
2134 T-2	2002 07 05.2	18 56.91	-25 02.2	19.8	-1.00	- 1.1	0.8/05.1	6440	1999 TH ₂₀₀	2002 07 05.7	18 58.68	-42 33.5	19.9	-1.19	- 1.9	6.8/03.8	13614
2000 BM ₂	2002 07 05.2	18 56.94	-29 40.1	20.1	-1.10	+ 1.0	2.2/04.9	1567	2001 FO ₁₀₄	2002 07 05.7	18 58.68	-25 05.1	17.9	-0.94	- 4.1	1.0/05.5	31944
1998 FL ₇₀	2002 07 05.3	18 56.85	-31 38.7	18.5	-1.18	- 1.9	3.7/04.6	31813	2001 BA ₄₆	2002 07 05.7	18 58.73	-09 32.5	19.8	-0.93	- 0.6	5.2/06.9	10710
2000 AU ₂₃₄	2002 07 05.3	18 56.90	-22 01.1	18.5	-0.83	- 0.3	0.2/05.4	13135	2001 FS ₁₅₈	2002 07 05.7	18 58.74	-39 05.2	18.6	-1.14	- 2.7	6.1/03.9	13365
1998 TM ₂₉	2002 07 05.3	18 56.99	-24 28.8	20.6	-0.81	- 1.0	0.5/05.2	23462	1999 VQ ₃₇	2002 07 05.7	18 58.96	-30 59.9	18.6	-1.18	- 5.0	3.4/04.7	40393
1999 RT ₁₇	2002 07 05.3	18 56.99	-14 22.7	18.0	-1.02	- 1.9	3.6/06.1	31857	1999 XR ₁₉	2002 07 05.8	18 58.91	-36 47.3	18.4	-1.21	- 3.4	6.5/04.2	12206
1998 QW ₇₅	2002 07 05.3	18 57.04	+08 43.5	19.1	-0.78	- 1.2	14.7/08.0	31822	2001 FS ₁₆₂	2002 07 05.8	18 58.99	-07 36.7	17.8	-0.84	- 3.3	6.4/07.7	31945
2000 AC ₂₄₁	2002 07 05.3	18 57.10	-07 24.8	19.3	-0.83	- 3.0	4.6/07.0	1567	2000 CQ ₄₇	2002 07 05.8	18 59.04	-22 56.5	17.0	-0.91	+ 1.4	0.1/05.8	31897
1999 RW ₈₁	2002 07 05.3	18 57.10	-28 22.9	18.7	-1.12	+ 0.3	2.1/05.0	13605	1998 FU ₂₉	2002 07 05.8	18 59.06	-17 41.4	19.1	-1.04	- 0.7	2.4/06.2	31225
1999 RO ₁₅₆	2002 07 05.3	18 57.11	-27 18.1	19.6	-1.16	- 0.2	1.9/05.0	26912	2001 HQ ₁₆	2002 07 05.8	18 59.10	-05 11.5	19.1	-0.86	- 1.6	5.7/07.5	15097
2001 FS ₃₄	2002 07 05.3	18 57.12	-26 25.3	19.9	-1.10	- 1.5	1.3/05.1	11996	1991 RO ₁₁	2002 07 05.8	18 59.14	-44 59.2	17.2	-1.19	+ 3.5	7.3/05.0	40297
1997 GO ₂₀	2002 07 05.3	18 57.17	-31 02.3	19.5	-1.03	- 1.9	3.2/04.6	10313	1999 XV ₃₅	2002 07 05.8	18 59.15	-13 09.6	18.8	-0.88	- 2.0	3.6/06.8	12207
1998 WV ₂₂	2002 07 05.3	18 57.17	-31 30.5	19.3	-0.90	- 3.3	2.7/04.4	31846	1999 XM ₄	2002 07 05.8	18 59.16	-19 06.7	19.0	-1.04	- 1.6	1.4/06.2	13627
2001 FH ₃₉	2002 07 05.3	18 57.27	-34 01.2	18.1	-1.03	+ 1.6	4.3/04.8	18314	2001 BQ ₅₈	2002 07 05.8	18 59.22	-17 21.9	18.9	-1.01	- 4.5	2.2/06.5	12279
1999 RQ ₁₂₀	2002 07 05.3	18 57.27	-23 46.7	17.1	-1.09	+ 2.0	0.5/05.3	31263	1999 VW ₁₈₃	2002 07 05.8	18 59.30	-26 55.8	21.3	-1.02	- 2.4	1.4/05.5	17085

2001 BF ₆₆	2002 07 05.8	18 59.34	-10 31.6	17.4	-0.81	-	4.5	4.4/07.5	31937	1999 VJ ₁₉₅	2002 07 06.2	19 00.77	-12 14.5	18.6	-0.99	-	1.7	4.3/07.2	2691
2000 EQ ₂₂	2002 07 05.8	18 59.37	-20 15.4	19.8	-0.85	-	1.6	0.8/06.1	26935	1999 TN ₁₆₄	2002 07 06.2	19 00.80	-11 17.1	20.2	-0.88	-	0.5	3.6/07.2	13613
1999 RR ₁₈₂	2002 07 05.9	18 59.31	-06 14.9	17.2	-0.90	-	1.8	9.1/07.3	31268	1997 ER ₅	2002 07 06.2	19 00.81	-19 26.7	18.4	-1.01	-	1.9	1.3/06.5	31808
3169 T-2	2002 07 05.9	18 59.39	-38 02.0	18.6	-1.32	-	2.1	6.6/04.4	12343	1994 SE ₈	2002 07 06.2	19 00.81	-26 25.7	19.1	-0.98	-	1.1	1.4/05.9	12846
1997 CT ₇	2002 07 05.9	18 59.39	-20 40.8	18.3	-0.99	-	0.4	0.9/06.1	31808	2001 FN ₁₅₂	2002 07 06.2	19 00.82	-23 22.3	18.2	-0.94	-	4.1	0.3/06.2	19930
1997 GH ₇	2002 07 05.9	18 59.42	-24 29.3	18.9	-0.96	-	2.4	0.6/05.7	14352	1999 WC ₉	2002 07 06.2	19 00.95	-31 55.8	17.6	-1.08	-	3.9	4.7/05.1	10932
2000 WJ ₄₁	2002 07 05.9	18 59.50	-14 28.5	18.7	-1.04	-	3.1	3.1/06.8	12253	1999 RK ₂₁₈	2002 07 06.2	19 00.96	-18 13.8	18.8	-1.02	-	0.5	1.6/06.6	13608
2000 ES ₃₅	2002 07 05.9	18 59.52	-13 46.2	19.7	-0.79	-	0.9	2.6/06.7	31902	1998 SK ₆₃	2002 07 06.2	19 00.98	-25 01.1	17.7	-0.86	-	2.0	0.7/06.1	31832
1993 FK ₈	2002 07 05.9	18 59.52	-27 59.9	20.3	-1.04	-	2.2	1.9/05.4	12107	2001 JF ₆	2002 07 06.2	19 01.00	-37 09.3	18.9	-1.07	-	3.7	5.0/04.4	14282
2000 CK ₇₆	2002 07 05.9	18 59.56	-14 26.4	19.1	-0.80	-	3.8	2.6/07.0	19507	2000 AS ₉₁	2002 07 06.3	19 01.09	-25 11.2	18.3	-0.86	+	0.5	0.8/06.2	31890
1999 TV ₁₃₈	2002 07 05.9	18 59.59	-25 21.0	19.7	-1.10	-	1.5	1.0/05.7	1156	2000 AK ₁₀₁	2002 07 06.3	19 01.10	-31 19.7	19.1	-1.04	-	6.0	3.1/05.1	13646
1995 ER ₅	2002 07 05.9	18 59.64	-10 02.3	19.3	-0.78	-	2.4	3.8/07.3	31805	1999 TG ₂₈₅	2002 07 06.3	19 01.10	-24 54.0	17.2	-0.98	-	6.5	1.0/06.0	31871
1999 TK ₂₇₈	2002 07 05.9	18 59.72	-20 48.3	18.9	-0.98	-	0.9	0.8/06.1	27648	2001 BJ ₄₉	2002 07 06.3	19 01.11	+00 27.0	19.7	-0.81	-	4.4	7.6/10.0	11829
2001 FW ₁₂₃	2002 07 05.9	18 59.72	-41 16.4	19.6	-1.08	-	0.2	6.0/04.5	13339	2001 FA ₇₂	2002 07 06.3	19 01.13	-06 18.4	19.1	-0.80	-	2.4	5.3/08.1	31944
2001 EJ	2002 07 05.9	18 59.73	-10 09.2	17.7	-0.77	-	2.1	4.5/07.3	31941	1998 QE ₈₉	2002 07 06.3	19 01.16	-15 39.4	17.0	-0.96	+	4.3	3.2/06.5	31822
2000 YP ₁₁₆	2002 07 05.9	18 59.74	-15 33.3	17.6	-0.96	-	8.3	3.0/07.2	31932	2000 AY ₆₂	2002 07 06.3	19 01.20	-23 58.3	18.5	-0.84	-	2.9	0.4/06.2	31889
1999 RQ ₉₅	2002 07 05.9	18 59.75	-13 41.7	17.9	-1.04	-	3.6	4.3/06.9	18211	2000 AA ₁₁₁	2002 07 06.3	19 01.21	-19 56.3	17.7	-0.87	-	1.4	1.0/06.6	31891
1999 XQ ₁₉	2002 07 06.0	18 59.77	-14 45.1	18.3	-1.04	+	0.3	3.7/06.5	2198	2000 BQ ₄	2002 07 06.3	19 01.25	-39 09.1	19.5	-1.12	-	1.4	6.0/04.7	17145
2001 CK ₂₆	2002 07 06.0	18 59.83	-19 50.5	20.3	-1.02	-	3.0	1.1/06.3	11843	1998 SL ₆₀	2002 07 06.3	19 01.29	-24 51.0	18.0	-0.91	-	2.2	0.8/06.1	31832
2001 DP ₇₆	2002 07 06.0	18 59.93	-26 30.5	17.4	-0.99	-	0.8	1.7/05.7	31941	2000 YC ₁₀₂	2002 07 06.3	19 01.29	-08 18.6	16.9	-0.88	-	8.3	5.9/09.0	31381
2001 HC ₅₈	2002 07 06.0	18 59.97	-40 52.4	18.8	-1.06	-	4.7	5.9/03.6	13483	2001 BV ₅₀	2002 07 06.3	19 01.35	-34 10.0	18.9	-1.04	-	1.5	4.0/05.4	11830
1998 XW ₂₄	2002 07 06.0	18 59.98	-19 33.6	18.9	-0.88	-	2.2	1.2/06.4	13586	1999 JX ₄	2002 07 06.3	19 01.37	+05 34.7	18.7	-1.22	+	5.8	13.5/06.7	9724
2000 YR ₁₄	2002 07 06.0	19 00.04	-28 11.5	19.4	-1.16	-	2.4	2.1/05.5	12260	1999 JJ	2002 07 06.3	19 01.43	+01 30.9	17.0	-1.25	+10.8	13.0/05.1	31854	
1999 XL ₂₁₈	2002 07 06.0	19 00.05	-24 02.7	19.1	-0.95	-	1.2	0.5/06.0	13639	3172 T-1	2002 07 06.4	19 01.36	-42 07.0	18.9	-1.22	-	0.5	6.8/04.6	20654
1999 YA ₇	2002 07 06.0	19 00.11	-38 51.2	19.0	-1.13	-	0.6	5.3/04.7	38862	2001 FL ₉₃	2002 07 06.4	19 01.39	-24 35.1	18.7	-1.13	-	4.6	0.8/06.2	31944
2000 AX ₆₉	2002 07 06.0	19 00.14	-16 56.6	19.7	-0.95	-	1.3	1.9/06.6	13108	2000 WY ₅₀	2002 07 06.4	19 01.40	+09 21.2	18.4	-1.05	+	2.8	11.1/10.0	23612
2001 FZ ₁₃₄	2002 07 06.0	19 00.18	-16 59.7	18.5	-1.02	+	2.4	2.1/06.3	13347	1999 TF ₆₁	2002 07 06.4	19 01.42	-26 34.6	20.2	-1.09	-	1.0	1.4/06.1	1123
1999 VO ₈₀	2002 07 06.0	19 00.20	-25 46.2	18.9	-1.02	-	3.3	1.2/05.8	15051	1998 RC ₂₃	2002 07 06.4	19 01.49	-06 25.7	17.4	-0.85	-	7.1	7.2/09.0	31824
1999 TY ₃₂₁	2002 07 06.0	19 00.20	-47 54.8	18.0	-1.29	-	0.3	10.0/04.1	13616	2001 KO ₇₁	2002 07 06.4	19 01.49	-05 23.7	18.5	-0.84	-	0.1	5.8/07.6	31949
2001 BR ₇₂	2002 07 06.1	19 00.19	-22 55.3	16.3	-1.06	+	5.6	0.1/06.1	31937	1999 VP ₇₁	2002 07 06.4	19 01.51	-40 10.6	19.6	-1.13	-	4.1	6.2/04.3	12992
1998 QM ₄	2002 07 06.1	19 00.20	-45 39.7	17.2	-1.18	-	6.4	10.0/02.1	13569	2000 YC ₁₁	2002 07 06.4	19 01.51	-28 54.1	16.4	-1.02	-	7.2	3.4/05.5	31929
2001 DS ₄₃	2002 07 06.1	19 00.23	-20 45.3	19.9	-1.03	-	1.8	0.7/06.3	17557	1999 TP ₁₃	2002 07 06.4	19 01.59	-19 45.2	18.4	-1.05	-	1.2	1.2/06.7	12162
1999 VX ₁₂₇	2002 07 06.1	19 00.25	-25 50.7	20.3	-1.07	-	2.3	1.1/05.8	15647	1998 EU ₁₂	2002 07 06.4	19 01.61	-36 05.4	17.0	-1.07	-	1.5	7.1/05.2	10845
1999 TS ₁₇	2002 07 06.1	19 00.28	-15 43.7	19.5	-1.01	-	1.1	2.7/06.7	13610	1999 RC ₁₀₅	2002 07 06.4	19 01.73	-15 01.2	18.3	-1.04	-	4.7	3.6/07.4	12933
2000 AL ₃₀	2002 07 06.1	19 00.29	-24 54.9	20.0	-1.01	-	2.6	0.7/05.9	19474	1995 UD ₁₅	2002 07 06.4	19 01.76	-26 23.8	18.1	-0.98	-	0.8	1.8/06.2	31806
1999 VX ₁₁₃	2002 07 06.1	19 00.29	-23 59.0	18.4	-1.12	+	1.8	0.6/06.1	11659	1999 TN ₃₅	2002 07 06.4	19 01.87	-37 26.3	20.2	-1.21	-	1.8	5.0/05.0	1475
1999 TN ₈₈	2002 07 06.1	19 00.32	-19 13.3	20.3	-1.06	-	1.7	1.3/06.4	14140	2001 GH ₅	2002 07 06.5	19 01.78	-55 33.7	18.7	-1.45	-	2.5	11.2/02.4	13392
2001 FN ₉₇	2002 07 06.1	19 00.34	-21 58.6	19.0	-0.91	-	1.8	0.3/06.2	17584	1998 FE ₁₀₆	2002 07 06.5	19 01.80	-33 23.0	18.8	-1.22	+	0.3	4.7/05.8	10849
2000 BY ₁₆	2002 07 06.1	19 00.41	-26 25.3	19.0	-0.85	-	2.8	1.2/05.8	31895	2000 BN ₂₀	2002 07 06.5	19 01.88	-20 12.0	21.3	-0.83	-	1.9	0.7/06.8	8200
1997 GE ₇	2002 07 06.1	19 00.43	-02 24.9	18.2	-0.87	+	0.5	8.2/07.4	31809	1998 WP ₁₅	2002 07 06.5	19 01.92	-34 59.5	17.9	-0.92	-	4.6	3.7/04.8	31846
1999 XU ₁₅	2002 07 06.1	19 00.49	-23 43.5	17.7	-1.00	-	6.4	0.4/06.0	31881	2001 DD ₅₄	2002 07 06.5	19 01.96	-26 22.2	18.9	-0.91	-	1.1	1.3/06.2	13257
1999 XL ₃₅	2002 07 06.1	19 00.51	-29 29.8	18.6	-1.06	-	6.0	2.4/05.2	31882	2000 AW ₂₇	2002 07 06.5	19 02.00	-26 19.4	19.4	-0.95	-	2.2	1.3/06.2	30345
2000 CK ₃₂	2002 07 06.1	19 00.52	-20 50.0	20.5	-0.82	-	1.4	0.5/06.4	2735	1999 TM ₃₃	2002 07 06.5	19 02.00	-32 41.4	19.1	-1.15	-	1.5	3.9/05.6	1474
1988 AX ₁	2002 07 06.1	19 00.55	-30 52.7	17.4	-1.09	+	1.8	2.8/05.8	31801	1999 VD ₁₇₆	2002 07 06.5	19 02.03	-60 16.5	21.0	-1.65	-	3.4	10.4/01.2	13006
2001 CQ ₄₁	2002 07 06.1	19 00.57	-25 26.1	17.9	-0.99	+	0.9	1.3/06.0	31398	2000 WD ₅₅	2002 07 06.5	19 02.03	-27 49.4	17.8	-1.07	+	0.8	2.0/06.2	31923
2001 FZ ₁₇₆	2002 07 06.2	19 00.57	-18 59.6	17.8	-0.82	-	6.3	1.3/06.8	13848	1995 SW ₃	2002 07 06.5	19 02.10	-34 40.6	16.4	-1.20	+	0.6	6.5/05.6	2621
1998 FG ₉₉	2002 07 06.2	19 00.65	-17 12.3	17.7	-1.05	+	1.8	2.7/06.5	31813	2001 DJ ₁₃	2002 07 06.5	19 02.11	+09 05.0	17.8	-0.78	-	6.7	10.8/12.8	31939
2001 FA ₆	2002 07 06.2	19 00.67	-45 37.6	18.2	-1.24	+	0.8	9.4/04.7	11966	1995 TD ₃	2002 07 06.5	19 02.14	-29 43.4	19.6	-1.07	-	1.2	3.5/05.9	14105
1999 XV ₁₃₇	2002 07 06.2	19 00.67	-46 07.5	16.8	-1.21	-	4.9	8.9/03.1	13636	2001 GY ₅	2002 07 06.5	19 02.15	-20 01.7	19.2	-0.86	-	1.7	0.9/06.8	17598
1999 RN ₆₁	2002 07 06.2	19 00.71	-17 38.5	19.5	-1.11	-	3.2	2.1/06.7	12931	1998 RF ₆	2002 07 06.5	19 02.22	-13 42.0	18.2	-0.88	-	2.4	3.4/07.5	25717
4113 T-2	2002 07 06.2	19 00.74	-23 41.2	19.5	-0.99	-	2.1	0.4/06.1	13876	1998 HU ₁₉	2002 07 06.5	19 02.27	+19 08.2	18.6	-0.92	-	2.4	17.9/14.5	36532

2001 AQ ₃₂	2002 07 06.6	19 02.19	-29 49.0	17.8	-1.13	-	4.3	3.1/05.8	31934	2001 FD ₃₆	2002 07 06.9	19 03.70	-12 34.1	19.3	-0.87	-	1.9	3.6/08.0	13296
2000 YS ₆₂	2002 07 06.6	19 02.20	-24 04.2	19.2	-1.08	+	0.4	0.6/06.5	14919	2001 BU ₅₉	2002 07 06.9	19 03.78	-04 29.5	18.6	-0.88	-	4.5	6.9/09.5	13246
1999 TG ₂₃₂	2002 07 06.6	19 02.27	-17 50.1	18.6	-1.03	-	6.3	2.1/07.3	10915	2001 FF ₁₀₂	2002 07 06.9	19 03.83	-13 23.0	19.9	-0.95	-	0.7	3.2/07.8	12070
2001 DG ₁₂	2002 07 06.6	19 02.29	-36 51.6	17.1	-1.09	-	0.9	6.7/05.3	11858	1999 RB ₉₀	2002 07 06.9	19 03.88	-14 56.4	18.2	-1.01	-	3.7	3.1/07.9	31859
2001 AA ₂₆	2002 07 06.6	19 02.30	-43 04.3	18.7	-1.29	-	0.9	8.6/05.0	12269	1999 XC ₁₅₉	2002 07 06.9	19 03.90	-22 49.7	18.2	-0.90	-	4.3	0.1/07.0	30342
1998 QR ₄₀	2002 07 06.6	19 02.33	-18 25.0	17.8	-0.94	0.0		1.7/06.9	12131	2001 FP ₂₂	2002 07 07.0	19 03.84	-02 58.9	17.4	-0.76	-	1.6	6.2/09.0	13290
1999 PU ₄	2002 07 06.6	19 02.33	-19 32.3	18.6	-1.07	-	3.6	1.3/07.0	13603	2000 YR ₁₁	2002 07 07.0	19 03.87	-19 12.9	17.8	-1.14	-10.1		1.3/07.6	31929
1999 XC ₁₃	2002 07 06.6	19 02.39	-08 54.5	19.1	-0.91	-	1.6	5.0/08.0	12205	2001 FC ₁₃₁	2002 07 07.0	19 03.91	-23 31.6	19.7	-0.95	-	1.0	0.3/06.9	13345
1998 VN ₄	2002 07 06.6	19 02.41	-35 00.2	19.2	-0.92	-	2.5	3.7/05.3	31248	1999 RD ₂₆	2002 07 07.0	19 03.93	-20 27.8	19.2	-1.01	-	2.5	0.8/07.2	12150
2001 FF ₁₁₆	2002 07 06.6	19 02.41	+00 34.4	19.4	-0.87	-	0.5	8.5/08.8	13337	6312 P-L	2002 07 07.0	19 03.95	-31 07.6	18.7	-1.17	-	0.6	4.2/06.3	32042
1999 RK ₁₉₇	2002 07 06.6	19 02.44	-20 58.7	17.7	-1.06	+	0.2	0.7/06.8	31862	2001 DS	2002 07 07.0	19 04.02	-19 31.8	19.2	-0.92	-	3.3	1.2/07.4	13812
2000 AR ₆₉	2002 07 06.6	19 02.63	-27 16.2	17.7	-0.89	-	5.2	1.4/06.0	31890	2000 CQ ₂₄	2002 07 07.0	19 04.03	-17 38.7	18.7	-0.95	-	2.3	1.8/07.5	31897
1999 TR ₃	2002 07 06.6	19 02.64	-12 30.5	17.9	-0.90	-	0.7	5.4/07.6	31273	1999 XX ₂₂₉	2002 07 07.0	19 04.07	-33 11.0	19.0	-1.03	-	0.4	3.4/06.2	13640
2001 AH ₂₇	2002 07 06.6	19 02.70	-35 26.5	19.8	-1.22	-	1.8	4.9/05.5	12269	1999 RY ₂₁₀	2002 07 07.0	19 04.09	-22 04.5	18.7	-1.10	+	1.2	0.2/07.1	2096
1999 RH ₄₂	2002 07 06.7	19 02.66	-36 32.5	18.6	-0.98	-	0.8	4.3/05.5	13605	2001 FK ₄₆	2002 07 07.0	19 04.09	-06 56.0	18.3	-0.78	-	1.9	5.6/08.7	17578
1983 XE	2002 07 06.7	19 02.66	-15 29.8	18.4	-0.97	-	0.1	2.5/07.2	31801	1999 TK ₁₆₃	2002 07 07.0	19 04.10	-17 43.2	17.9	-0.96	-	3.3	2.0/07.6	31869
2001 FU ₃₃	2002 07 06.7	19 02.68	-06 19.0	19.1	-0.88	-	2.5	6.1/08.6	14421	1999 WF ₆	2002 07 07.0	19 04.14	-28 14.4	18.1	-1.07	-	5.9	2.6/06.3	31880
1998 YF ₉	2002 07 06.7	19 02.74	-21 44.7	20.2	-0.80	-	1.6	0.3/06.8	13587	1998 HA ₅₈	2002 07 07.0	19 04.24	-25 21.2	19.4	-1.08	-	2.5	1.2/06.8	16816
2000 YG ₁₃₃	2002 07 06.7	19 02.79	-23 17.2	20.4	-1.05	-	1.3	0.2/06.7	13803	2000 CP ₁₁₃	2002 07 07.0	19 04.30	-20 41.4	18.9	-0.96	-	2.6	0.7/07.3	13160
2000 WK ₁₅₁	2002 07 06.7	19 02.86	-08 31.5	18.3	-1.32	+	7.6	6.7/06.6	9883	2000 AE ₁₂₃	2002 07 07.1	19 04.31	-12 46.1	18.5	-0.80	-	3.9	3.3/08.4	13647
2001 BC ₆₃	2002 07 06.7	19 02.87	-41 37.1	17.7	-1.24	+	2.2	7.3/05.8	13808	1998 OS ₁₂	2002 07 07.1	19 04.32	-35 08.6	18.2	-1.18	+	2.2	4.9/06.4	30273
1999 XF ₈₇	2002 07 06.7	19 02.94	-25 01.4	17.8	-1.12	+	3.1	1.0/06.7	31883	1999 TJ ₉₆	2002 07 07.1	19 04.33	-18 10.2	18.8	-1.03	-	3.2	1.8/07.6	13611
1998 KQ ₁₈	2002 07 06.7	19 02.95	-27 53.3	18.6	-0.98	-	1.8	2.7/06.3	16828	1998 QP ₃₆	2002 07 07.1	19 04.34	-22 25.0	18.4	-1.04	+	1.1	0.1/07.1	33348
2002 LR ₂₀	2002 07 06.7	19 03.02	-15 19.0	18.0	-0.88	+	6.4	4.2/06.8	31779	2001 FW ₈₂	2002 07 07.1	19 04.35	-31 18.8	18.6	-0.94	+	0.6	2.9/06.5	13324
2001 AH ₃₆	2002 07 06.7	19 03.05	-29 21.3	19.3	-1.05	-	3.0	2.5/06.1	12270	2001 BQ ₃₂	2002 07 07.1	19 04.36	-18 19.6	18.8	-1.08	-	2.5	1.7/07.6	13806
1999 TD ₁₆₆	2002 07 06.8	19 03.06	-12 44.0	18.9	-0.99	+	0.5	4.7/07.5	22119	1995 BU ₈	2002 07 07.1	19 04.41	-24 49.9	19.6	-0.87	-	1.6	0.7/06.9	38764
2001 CE ₆	2002 07 06.8	19 03.09	-22 18.0	19.7	-1.07	-	3.0	0.1/06.9	11840	2000 EL ₁₁₂	2002 07 07.1	19 04.51	-16 34.8	20.1	-0.77	-	0.9	1.7/07.7	23519
1999 VR ₉₅	2002 07 06.8	19 03.10	-29 17.7	18.7	-1.05	-	2.1	2.7/06.2	31877	2001 DL ₆₄	2002 07 07.1	19 04.51	-29 00.0	18.5	-1.15	+	0.7	2.6/06.7	12301
1998 SF ₁₂	2002 07 06.8	19 03.11	-22 06.2	19.7	-0.88	-	1.6	0.2/06.9	16849	1999 XJ ₉₄	2002 07 07.1	19 04.53	-21 30.1	17.7	-0.99	-	7.1	0.4/07.3	38844
1995 XH ₃	2002 07 06.8	19 03.12	-15 31.2	19.9	-0.93	-	1.8	2.6/07.5	12112	2001 BS ₃₄	2002 07 07.1	19 04.62	-17 45.6	19.1	-1.04	-	4.9	2.0/07.8	13806
2001 FJ ₉₀	2002 07 06.8	19 03.16	-27 20.3	18.2	-0.90	-	1.0	1.7/06.4	13326	2001 DP ₁₀₆	2002 07 07.1	19 04.64	-12 48.8	19.8	-1.00	-	3.2	3.9/08.3	13267
2001 BK ₇₉	2002 07 06.8	19 03.16	-27 07.8	20.0	-1.11	+	0.5	1.9/06.5	14921	2001 EC ₉	2002 07 07.1	19 04.70	-17 41.4	19.5	-0.95	-	3.0	1.8/07.7	11939
2001 CM ₃	2002 07 06.8	19 03.18	-16 19.9	17.3	-0.92	-	5.9	2.9/07.7	31937	1999 XM ₄₆	2002 07 07.2	19 04.68	-07 11.7	17.4	-0.93	+	3.5	6.6/07.9	31882
1998 QS ₂₂	2002 07 06.8	19 03.20	-27 32.2	16.5	-0.98	-	3.2	2.1/06.3	31819	2001 DV ₆₉	2002 07 07.2	19 04.71	-19 53.9	19.4	-1.01	-	1.6	1.0/07.5	12302
1999 RV ₄₂	2002 07 06.8	19 03.20	-31 43.7	17.2	-1.10	-	2.2	4.6/05.9	10890	2000 AJ ₈₄	2002 07 07.2	19 04.74	-16 37.3	18.3	-0.83	-	1.2	2.0/07.8	13645
2000 AB ₁₁	2002 07 06.8	19 03.24	-23 57.2	20.2	-0.96	0.0		0.4/06.7	2257	1999 XQ ₁₃₇	2002 07 07.2	19 04.77	-22 09.5	18.8	-1.00	+	1.8	0.1/07.2	31885
1999 RS ₂₁	2002 07 06.8	19 03.36	-15 21.9	18.8	-1.03	-	3.8	3.5/07.7	11534	1999 XH ₄₉	2002 07 07.2	19 04.90	-22 40.3	19.1	-0.97	-	0.8	0.0/07.2	12209
2001 HQ ₂₄	2002 07 06.8	19 03.36	-38 22.6	19.1	-1.04	-	4.0	5.2/04.8	14275	1999 RD ₁₆₅	2002 07 07.2	19 04.94	-26 11.4	19.6	-1.13	-	0.5	1.3/07.0	1461
1999 XW ₁₅₇	2002 07 06.8	19 03.40	-25 22.4	17.7	-1.02	-	6.6	1.0/06.5	31885	1999 TV ₈₉	2002 07 07.2	19 04.95	-30 35.7	18.6	-1.19	-	3.5	3.6/06.3	1481
1999 XV ₁₅₅	2002 07 06.8	19 03.44	-21 51.3	18.5	-0.92	-	3.9	0.3/07.0	25767	2000 AY ₂₃₂	2002 07 07.2	19 05.02	-27 08.5	20.8	-0.98	-	2.2	1.4/06.8	2726
1999 TJ ₁₂₃	2002 07 06.8	19 03.48	-19 24.4	19.3	-1.01	-	2.6	1.2/07.2	13612	2000 YT ₁₁₂	2002 07 07.2	19 05.05	-25 28.7	18.1	-1.06	-	6.1	1.4/06.9	31932
1996 UJ	2002 07 06.9	19 03.44	-53 27.3	22.1	-1.59	-	1.9	9.7/03.4	13547	1999 XC ₃	2002 07 07.3	19 05.06	-22 39.3	19.3	-0.97	-	2.5	0.0/07.3	38831
2000 YC ₁₇	2002 07 06.9	19 03.46	-02 20.5	18.0	-1.21	-13.8		9.1/11.2	9469	1995 QC ₄	2002 07 07.3	19 05.15	-36 24.7	18.5	-1.19	+	1.4	6.5/06.4	30248
2001 FX ₁₆₈	2002 07 06.9	19 03.48	-33 57.2	16.7	-0.96	-	4.8	4.1/05.3	13377	1999 UQ ₃₈	2002 07 07.3	19 05.21	-19 09.0	17.8	-1.10	+	1.2	1.6/07.5	2677
1999 CL ₈₅	2002 07 06.9	19 03.50	-35 27.1	16.9	-1.02	-	6.0	4.5/04.8	14373	1999 XQ ₃₈	2002 07 07.3	19 05.28	-28 47.4	18.4	-1.01	-	3.6	2.0/06.6	31882
1999 TS ₄₉	2002 07 06.9	19 03.51	-12 10.6	19.2	-0.99	-	1.9	4.2/07.9	15049	2001 DO ₂₁	2002 07 07.3	19 05.29	-51 11.5	18.5	-1.20	-	0.6	8.8/04.8	13813
2001 FC ₇₃	2002 07 06.9	19 03.51	-01 43.3	17.9	-0.91	-	3.0	8.1/09.1	31944	2000 AY ₁₂₇	2002 07 07.3	19 05.30	-14 45.1	18.5	-0.89	-	3.2	2.4/08.3	30347
1999 TM ₂₇₉	2002 07 06.9	19 03.52	-15 30.7	19.0	-1.03	-	1.8	2.9/07.6	11607	1999 XX ₁₁₄	2002 07 07.3	19 05.30	-41 35.7	18.1	-1.33	-	0.1	8.9/05.5	2699
1999 VT ₄₆	2002 07 06.9	19 03.53	-54 47.4	19.8	-1.49	-	4.7	11.6/01.7	18217	1998 SL ₈₈	2002 07 07.3	19 05.31	-19 22.7	19.0	-0.92	-	0.8	1.1/07.6	30285
2001 FD ₈₁	2002 07 06.9	19 03.55	-18 21.8	19.0	-0.98	+	1.1	1.6/07.2	13323	1998 TN ₄	2002 07 07.3	19 05.32	-24 04.0	19.3	-0.92	-	1.1	0.5/07.2	27612
1997 JV ₉	2002 07 06.9	19 03.58	-10 59.4	19.2	-0.88	-	3.8	4.2/08.3	5432	2000 AZ ₁₉₁	2002 07 07.3	19 05.36	-04 29.9	17.7	-1.00	+	3.3	8.7/07.7	31893

1999 TH ₁₁₅	2002 07 07.3	19 05.37	-16 17.7	19.0	-1.01	- 0.1	2.5/07.8	12171	1999 XL ₁₆₆	2002 07 07.7	19 06.80	-20 06.1	19.4	-1.10	+ 1.2	0.9/07.9	38854
1998 FV ₇₉	2002 07 07.3	19 05.38	-29 43.0	18.6	-1.17	- 3.6	2.9/06.5	13562	2000 AP ₉₄	2002 07 07.7	19 06.82	-29 40.5	18.3	-0.96	+ 1.0	2.3/07.2	27658
2000 BR ₄₉	2002 07 07.3	19 05.46	-37 19.6	18.5	-1.17	+ 1.9	5.3/06.5	25770	1995 VN	2002 07 07.7	19 06.85	-18 51.7	18.3	-1.03	- 1.8	1.6/08.1	31806
2001 FX ₁₂₈	2002 07 07.3	19 05.50	-16 28.9	18.7	-0.89	- 4.7	2.3/08.2	30454	1999 TV ₈	2002 07 07.7	19 06.87	-11 02.5	18.7	-0.87	- 1.6	3.5/08.9	13610
1998 JV ₃	2002 07 07.3	19 05.50	-23 16.5	17.8	-0.99	- 6.4	0.3/07.3	31816	2001 ET	2002 07 07.7	19 06.89	-43 59.3	17.8	-1.18	+ 1.9	8.9/06.5	30452
1999 UN ₄	2002 07 07.3	19 05.53	-44 14.5	18.0	-1.22	- 2.0	7.2/05.0	13616	2001 CV ₁₁	2002 07 07.7	19 06.91	-27 05.5	20.2	-1.11	- 2.2	1.7/07.3	13810
1999 VE ₁₉₉	2002 07 07.3	19 05.55	-33 06.9	20.6	-1.29	- 2.1	4.6/06.3	12200	1994 PO ₁₀	2002 07 07.7	19 06.91	-28 18.0	17.4	-1.04	- 0.1	2.7/07.3	31217
1999 XZ ₉	2002 07 07.3	19 05.58	-27 02.2	19.9	-1.13	- 4.1	1.8/06.9	6262	1999 XV ₈	2002 07 07.7	19 06.98	-24 44.9	19.0	-1.00	- 5.0	0.7/07.5	38832
1999 YD ₁₂	2002 07 07.4	19 05.48	-22 40.3	19.6	-1.01	- 2.5	0.0/07.4	12223	1998 QH ₂₂	2002 07 07.7	19 07.08	-26 57.2	18.6	-1.03	+ 1.8	1.7/07.5	31233
2000 DJ ₉₃	2002 07 07.4	19 05.59	-35 10.2	18.6	-0.98	+ 0.4	4.1/06.4	19527	2000 YC ₉₈	2002 07 07.7	19 07.08	-23 21.2	19.0	-1.04	- 2.9	0.3/07.7	12264
2000 BY ₂₉	2002 07 07.4	19 05.59	-20 45.2	18.3	-0.84	- 3.8	0.6/07.7	20748	1998 QP ₇₈	2002 07 07.7	19 07.10	+00 40.6	18.0	-0.87	- 2.1	8.5/10.3	31822
2001 BV ₃₃	2002 07 07.4	19 05.63	-09 45.8	18.3	-0.90	- 6.0	4.9/09.4	12276	2001 CG ₁₅	2002 07 07.7	19 07.14	-24 29.5	17.8	-0.92	- 5.2	0.9/07.5	31395
2000 BM ₃₄	2002 07 07.4	19 05.65	-19 18.7	18.8	-0.84	- 4.2	1.1/07.9	31896	2001 CR ₄₄	2002 07 07.7	19 07.17	-41 48.7	19.3	-1.19	- 3.3	7.2/05.5	12291
2000 WS ₁₇₉	2002 07 07.4	19 05.68	-05 49.0	18.4	-0.94	+ 0.1	6.2/08.9	31927	1998 SD ₁₂₅	2002 07 07.8	19 07.16	-38 20.0	18.8	-1.00	- 2.0	4.9/06.0	30285
2001 FS ₁₄₄	2002 07 07.4	19 05.73	-06 45.2	18.9	-0.77	- 2.1	4.8/09.3	31945	1999 VK ₃₇	2002 07 07.8	19 07.17	-18 19.0	19.4	-0.90	- 0.7	1.4/08.2	13621
1996 GA ₁	2002 07 07.4	19 05.87	-24 44.0	18.6	-0.87	- 1.7	0.8/07.3	12113	2001 EC ₁₄	2002 07 07.8	19 07.17	-20 14.7	16.4	-0.94	- 9.7	1.0/08.2	31942
1990 TW ₁₁	2002 07 07.4	19 05.91	-25 54.6	19.2	-1.03	- 1.3	1.2/07.2	13533	1999 XK ₄₂	2002 07 07.8	19 07.20	-34 20.7	18.1	-1.07	- 4.2	5.6/06.2	11694
1996 XU ₁₉	2002 07 07.5	19 05.95	-21 26.1	18.2	-1.03	- 1.3	0.4/07.6	13548	2001 BT ₃₃	2002 07 07.8	19 07.23	-21 32.9	20.3	-1.10	- 2.5	0.4/07.9	11827
2001 HX ₅₁	2002 07 07.5	19 05.96	+06 46.8	19.5	-0.76	+ 0.1	8.5/10.2	13476	1999 TF ₃₀	2002 07 07.8	19 07.23	-24 12.6	18.6	-1.06	- 1.3	0.6/07.7	31865
2000 AP ₇₆	2002 07 07.5	19 06.04	-17 34.5	18.4	-0.97	- 2.4	1.9/08.0	14183	1998 OA ₁₀	2002 07 07.8	19 07.27	-17 21.6	18.7	-0.93	- 1.5	2.2/08.3	31818
2001 FT ₁₉	2002 07 07.5	19 06.05	-31 21.2	18.4	-1.01	- 0.5	3.3/06.8	11979	1999 TV ₂₃₄	2002 07 07.8	19 07.27	-31 25.1	17.7	-0.99	- 6.5	4.8/06.4	31870
1998 QH ₇₉	2002 07 07.5	19 06.08	+01 13.2	17.4	-0.71	+ 1.6	12.8/08.9	31236	1999 RY ₁₇₄	2002 07 07.8	19 07.27	-27 16.4	18.9	-1.14	- 1.6	1.9/07.4	13607
1998 RR ₃₀	2002 07 07.5	19 06.09	-39 46.7	19.1	-1.13	+ 0.4	5.9/06.1	25717	2000 YK ₁₀₄	2002 07 07.8	19 07.28	-25 48.8	18.8	-1.00	- 2.6	1.1/07.5	13801
2001 FM ₁₀₃	2002 07 07.5	19 06.12	-20 18.5	19.2	-0.88	- 1.1	0.8/07.8	16093	1986 QW ₂	2002 07 07.8	19 07.31	-16 45.6	17.4	-1.00	- 5.5	3.0/08.6	31801
1999 XY ₂₅₃	2002 07 07.5	19 06.22	-22 02.0	19.8	-0.87	- 1.8	0.2/07.6	23511	2000 AX ₂₃₅	2002 07 07.8	19 07.38	-17 31.5	19.0	-0.83	- 4.4	1.6/08.5	14195
2001 DH ₁₀₂	2002 07 07.5	19 06.23	-24 41.6	19.0	-0.98	- 5.1	0.8/07.3	11921	2000 YX ₅₇	2002 07 07.8	19 07.39	-21 47.3	19.8	-1.07	- 2.2	0.3/07.9	9504
1997 BA	2002 07 07.5	19 06.27	-17 49.3	18.6	-0.98	- 6.1	1.7/08.3	31808	1998 KH ₅₄	2002 07 07.8	19 07.45	-09 24.3	17.2	-0.85	- 6.4	6.4/10.0	31817
2001 FS ₁₃₈	2002 07 07.5	19 06.32	-21 28.7	18.3	-0.92	- 3.8	0.4/07.7	12086	1998 FF ₁₀₉	2002 07 07.8	19 07.45	-11 54.1	17.8	-0.98	+ 0.7	5.2/08.6	31813
1999 TF ₁₁₅	2002 07 07.6	19 06.29	-21 05.0	17.9	-1.06	+ 0.8	0.6/07.7	31867	2000 CU ₅₆	2002 07 07.8	19 07.52	-38 04.0	17.4	-1.05	+ 2.3	5.1/06.9	40452
1999 VQ ₁₁₄	2002 07 07.6	19 06.30	-39 09.8	19.5	-1.14	- 0.5	5.3/06.1	13623	1263 T-2	2002 07 07.8	19 07.52	-17 13.6	19.2	-1.11	- 1.9	2.4/08.4	13875
2001 HC ₄₆	2002 07 07.6	19 06.30	-26 40.8	18.0	-0.85	- 4.2	1.3/07.0	31947	2001 BC ₂₆	2002 07 07.8	19 07.59	-14 17.6	18.2	-0.93	- 4.9	3.8/09.0	31936
2001 FF ₁₂₄	2002 07 07.6	19 06.31	-06 10.3	18.1	-0.89	- 0.9	6.9/09.0	31945	1998 FX ₇₇	2002 07 07.8	19 07.61	-23 18.4	18.4	-1.11	- 3.8	0.3/07.8	12121
1999 TD ₂₈₂	2002 07 07.6	19 06.39	+15 14.0	19.9	-0.86	- 2.7	11.9/12.6	17061	2001 DJ ₈	2002 07 07.8	19 07.61	+11 12.6	19.4	-1.00	- 5.3	11.9/13.5	13813
2001 FV ₄₆	2002 07 07.6	19 06.40	-09 03.7	18.6	-0.77	- 1.0	4.2/09.0	31943	2001 BS ₂₈	2002 07 07.9	19 07.53	-24 34.5	19.4	-1.07	- 1.2	0.8/07.7	12275
1998 QY ₆₉	2002 07 07.6	19 06.43	-09 38.3	18.5	-0.87	- 1.0	4.3/08.8	25716	1999 XJ ₁₀₆	2002 07 07.9	19 07.58	-25 54.7	18.7	-0.87	- 4.6	1.1/07.4	16043
1999 JB ₁₂	2002 07 07.6	19 06.46	+12 41.3	18.5	-1.13	+ 3.6	16.9/09.6	9725	2000 AS ₁₅	2002 07 07.9	19 07.58	-27 23.5	16.8	-1.10	- 6.5	2.3/07.2	31888
2001 DU ₅₀	2002 07 07.6	19 06.55	-38 15.1	19.5	-1.16	- 1.4	5.8/06.2	11888	1999 VC ₆₇	2002 07 07.9	19 07.59	-26 43.1	19.2	-1.00	- 2.8	1.5/07.4	13622
1993 OU ₈	2002 07 07.6	19 06.60	-19 17.1	18.5	-0.90	- 3.4	1.1/08.1	30244	1999 XL ₄₈	2002 07 07.9	19 07.60	-20 48.6	19.4	-1.04	- 2.0	0.7/08.1	1550
1999 TA ₁₅	2002 07 07.6	19 06.62	-11 19.7	17.9	-1.00	- 2.6	5.1/08.8	12942	1999 UE ₃₉	2002 07 07.9	19 07.64	-34 34.4	17.8	-1.16	- 0.3	5.7/06.9	31873
1999 RS ₅₇	2002 07 07.6	19 06.64	-21 45.1	17.0	-0.89	- 5.6	0.5/07.8	31858	1998 OF ₆	2002 07 07.9	19 07.68	-30 02.4	16.6	-1.12	+ 5.7	3.5/07.8	31818
2001 BT ₄₈	2002 07 07.6	19 06.64	-16 40.5	16.8	-1.04	+ 4.1	2.5/07.8	31936	2001 FM ₅₅	2002 07 07.9	19 07.72	+07 35.6	19.3	-0.75	0.0	8.1/11.1	13309
1998 QZ ₇₄	2002 07 07.6	19 06.65	-06 30.9	19.2	-0.89	+ 0.9	5.8/08.7	27608	2001 FO ₁₃₂	2002 07 07.9	19 07.72	-44 19.8	19.0	-1.22	- 2.6	8.5/05.2	13345
1999 TO ₉₈	2002 07 07.6	19 06.65	-29 57.1	18.8	-1.16	- 4.9	3.3/06.7	31867	2001 BF ₄	2002 07 07.9	19 07.73	-34 26.2	18.1	-1.17	- 2.7	4.9/06.6	31935
2001 HR ₆₀	2002 07 07.6	19 06.65	-34 05.7	18.5	-0.93	- 6.3	3.3/05.8	14436	2000 GR ₁₉	2002 07 07.9	19 07.73	-22 02.4	18.6	-0.71	- 1.1	0.1/08.0	19587
1999 RA ₂₂	2002 07 07.6	19 06.68	-31 45.3	19.4	-1.23	- 2.2	4.0/06.7	31857	1998 HF ₂₁	2002 07 07.9	19 07.76	-36 31.1	18.1	-1.17	- 2.2	6.6/06.5	27601
1994 PX ₂₄	2002 07 07.7	19 06.72	-23 13.2	19.5	-1.00	- 2.4	0.3/07.6	9677	1999 TO ₂₆₂	2002 07 07.9	19 07.77	-27 41.0	18.5	-1.17	+ 0.8	2.3/07.6	12179
2001 BW ₇₄	2002 07 07.7	19 06.73	-46 32.2	17.0	-1.23	- 0.6	10.7/05.1	13809	1999 AD ₁₀	2002 07 07.9	19 07.77	-17 35.2	19.6	-0.63	- 0.8	1.0/08.5	30289
1999 RA ₁₃₈	2002 07 07.7	19 06.74	-30 26.5	18.5	-1.14	- 0.6	4.3/07.0	31860	1998 TJ ₄	2002 07 07.9	19 07.93	-24 09.0	18.0	-0.87	- 1.3	0.5/07.8	31837
2000 AN ₁₂₃	2002 07 07.7	19 06.75	-20 47.7	19.3	-1.05	+ 1.5	0.7/07.8	26928	1996 RB ₁₂	2002 07 07.9	19 07.95	-23 18.6	19.5	-1.13	- 3.0	0.4/07.9	8382
1999 TM ₁₁₆	2002 07 07.7	19 06.76	-25 05.1	18.2	-1.08	- 1.8	1.1/07.5	31867	1998 RC ₂₄	2002 07 07.9	19 07.97	-16 46.8	19.2	-0.89	- 1.9	2.0/08.6	12135
2000 YB ₂₀	2002 07 07.7	19 06.79	-28 17.7	18.6	-1.19	- 2.0	2.5/07.2	9896	2000 WL ₆₇	2002 07 07.9	19 08.02	+07 34.1	19.3	-1.28	+ 8.2	14.8/07.2	9874

2001 DK ₄₉	2002 07 07.9	19 08.02	-32 23.2	18.9	-1.18	-	3.1	4.0/06.9	12299	1997 LM	2002 07 08.3	19 09.43	-34 16.3	17.0	-0.98	-11.5	5.2/05.7	31222	
1999 SX ₆	2002 07 07.9	19 08.04	-32 01.3	18.8	-1.17	-	3.2	4.5/06.9	40375	2001 CK ₂₃	2002 07 08.3	19 09.47	-22 30.1	19.8	-1.03	-	1.7	0.0/08.4	15095
1998 RQ ₅₇	2002 07 08.0	19 07.93	+03 54.3	18.7	-0.80	-	4.6	10.8/12.1	12888	2001 BR ₂₆	2002 07 08.3	19 09.50	-20 46.6	19.6	-1.04	-	2.7	0.6/08.6	12274
1999 XV ₁₇₈	2002 07 08.0	19 07.94	-33 09.0	18.4	-0.93	-	6.0	3.6/06.3	17107	2000 EY ₈₇	2002 07 08.3	19 09.56	-07 14.2	18.7	-0.77	+	0.2	4.1/09.7	31903
2001 FB ₁₅₁	2002 07 08.0	19 08.01	-38 30.9	18.4	-1.12	+	0.3	5.3/06.7	14425	3559 T-3	2002 07 08.3	19 09.57	-23 45.9	20.7	-1.08	-	1.6	0.5/08.3	14457
1998 RR ₄	2002 07 08.0	19 08.08	+00 10.3	20.2	-0.88	-	3.8	8.2/10.7	30277	2001 GS ₆	2002 07 08.3	19 09.58	-28 57.5	19.3	-1.06	-	0.1	2.4/07.8	17598
1999 TN ₁₈₇	2002 07 08.0	19 08.08	-28 58.0	19.7	-1.08	+	0.9	2.2/07.6	12958	2001 CW ₃₅	2002 07 08.3	19 09.64	-06 13.1	18.1	-0.88	-	1.3	7.2/10.0	31397
1999 XZ ₂₄₃	2002 07 08.0	19 08.10	-46 36.7	19.2	-1.30	-	1.9	8.8/05.0	17117	1999 XA ₉₁	2002 07 08.4	19 09.57	-23 05.1	18.6	-0.85	-	0.4	0.2/08.3	16043
1999 TJ ₂₈₇	2002 07 08.0	19 08.11	-23 20.2	19.2	-1.03	-	0.6	0.3/08.0	15050	2000 AG ₁₇₃	2002 07 08.4	19 09.59	-10 31.7	18.7	-0.88	-	0.4	3.9/09.5	13649
1999 TT ₁₀₀	2002 07 08.0	19 08.13	+21 17.0	19.8	-0.83	-	1.9	11.7/15.2	31867	2000 YP ₁₈	2002 07 08.4	19 09.62	-25 20.1	18.9	-1.01	-	0.3	0.9/08.2	31929
2000 AE ₁₈₆	2002 07 08.0	19 08.19	-02 53.4	18.4	-0.87	-	2.5	6.9/10.4	13650	2001 FD ₆	2002 07 08.4	19 09.67	-24 54.4	17.6	-0.85	-	2.0	0.9/08.2	31942
1999 TF ₁₅₈	2002 07 08.0	19 08.23	-29 40.6	19.6	-1.15	-	1.1	2.8/07.4	665	2000 AA ₂₃₀	2002 07 08.4	19 09.71	-24 13.2	17.9	-0.93	-	5.3	0.7/08.2	13134
2001 DA ₁₀₁	2002 07 08.0	19 08.25	-13 16.0	18.3	-0.93	-	5.5	4.6/09.4	31941	1999 RA ₂₃₉	2002 07 08.4	19 09.72	-11 55.0	17.2	-1.05	+	5.0	5.2/08.7	31863
2000 AF ₇₁	2002 07 08.0	19 08.27	-19 56.8	18.4	-0.93	-	1.3	0.9/08.3	13644	1999 YM ₁₄	2002 07 08.4	19 09.73	-35 22.2	20.0	-1.06	+	0.8	4.1/07.5	18223
1992 YT ₃	2002 07 08.0	19 08.28	-20 40.2	19.1	-1.04	-	3.4	0.7/08.3	13536	2001 FB ₁₉₄	2002 07 08.4	19 09.77	-30 02.5	20.2	-0.98	-	1.5	2.5/07.7	27195
1999 XD ₁₅₄	2002 07 08.0	19 08.30	-17 06.3	18.3	-0.88	-	1.7	1.9/08.6	13636	2001 FF ₉	2002 07 08.4	19 09.78	-48 10.2	18.3	-1.43	-	1.0	11.1/05.2	13824
1998 QA ₂₀	2002 07 08.0	19 08.35	-28 50.9	17.8	-1.11	+	2.2	2.4/07.7	13570	1999 TE ₁₆₄	2002 07 08.4	19 09.79	-14 39.5	18.4	-0.97	-	5.3	3.6/09.5	31869
2000 YR ₁₂₈	2002 07 08.1	19 08.36	-28 20.6	19.9	-1.07	+	1.0	2.1/07.6	12267	2001 CF ₄₄	2002 07 08.4	19 09.84	-28 57.5	18.9	-1.11	-	5.9	2.5/07.5	14923
2000 BW ₃₃	2002 07 08.1	19 08.38	-30 46.9	19.0	-0.92	+	0.3	2.6/07.4	19496	1999 TY ₉₁	2002 07 08.4	19 09.85	-19 30.6	18.2	-1.06	-	5.1	1.3/08.9	31866
1999 TU ₁₅₁	2002 07 08.1	19 08.41	-10 42.7	18.9	-0.99	-	2.2	4.9/09.3	12955	2000 GP ₁₄₇	2002 07 08.4	19 09.86	-11 18.9	20.8	-0.61	-	2.1	2.4/09.8	14412
1996 GG ₈	2002 07 08.1	19 08.42	-08 38.0	18.7	-0.77	-	2.7	5.3/09.8	13545	2001 FS ₄₆	2002 07 08.4	19 09.87	-07 21.4	19.0	-0.78	-	1.5	4.9/10.1	31943
1999 TW ₂₁₇	2002 07 08.1	19 08.44	-32 50.0	20.5	-1.12	-	1.7	3.9/07.1	12176	1999 XW ₁₈₆	2002 07 08.4	19 09.89	-38 06.1	17.6	-1.07	-	2.1	6.5/06.7	12218
1997 CX ₂₁	2002 07 08.1	19 08.47	-18 31.9	19.3	-1.00	-	0.6	1.4/08.5	13550	2000 YN ₁₈	2002 07 08.4	19 09.90	-24 30.2	18.7	-1.03	+	1.7	0.7/08.3	12261
1998 HX ₁₁₀	2002 07 08.1	19 08.48	-19 34.2	16.9	-1.06	-	5.0	1.4/08.5	31816	2000 AJ ₁₆₇	2002 07 08.4	19 09.92	-10 38.6	18.4	-0.80	+	0.7	3.8/09.4	31893
1998 OK ₁₄	2002 07 08.1	19 08.49	-18 58.3	18.4	-0.96	-	5.1	1.7/08.6	25714	1999 WF ₃	2002 07 08.4	19 09.93	-25 04.2	19.3	-1.09	-	3.3	1.1/08.2	2186
2001 FN ₁₈₉	2002 07 08.1	19 08.50	-29 50.9	18.1	-0.96	-	0.4	3.2/07.5	30455	1998 SL ₁₀₀	2002 07 08.4	19 09.94	-33 07.6	18.4	-1.03	+	0.2	4.2/07.6	11516
2001 FY ₁₂₅	2002 07 08.1	19 08.50	-46 42.8	20.2	-1.09	-	1.6	7.2/05.4	13340	1999 RX ₈₈	2002 07 08.4	19 10.00	-22 23.3	18.7	-1.06	-	1.3	0.0/08.5	31859
1991 RT ₂₉	2002 07 08.1	19 08.52	-35 23.6	17.7	-1.21	+	1.3	5.7/07.2	30242	1999 TU ₂₇₃	2002 07 08.4	19 10.07	-24 06.6	17.7	-1.05	+	2.1	0.6/08.4	31871
2000 CB ₂₄	2002 07 08.1	19 08.57	-23 48.4	19.6	-0.82	-	0.6	0.4/08.0	2734	1999 XY ₉₇	2002 07 08.5	19 09.99	-23 30.5	18.2	-1.11	-	1.2	0.5/08.4	31311
2001 BC ₅₂	2002 07 08.1	19 08.66	-22 05.3	20.5	-1.03	-	2.7	0.2/08.2	17540	2001 BT ₆₃	2002 07 08.5	19 10.04	-19 23.4	20.2	-0.97	-	2.5	1.1/08.9	14921
2001 FT ₈₆	2002 07 08.1	19 08.72	-06 45.6	18.4	-0.78	-	4.5	5.5/10.5	22772	2000 DZ ₉₄	2002 07 08.5	19 10.05	-23 09.4	19.1	-0.77	-	2.2	0.2/08.4	14400
1998 QY ₈₃	2002 07 08.1	19 08.75	-07 54.2	17.5	-0.90	+	7.5	7.5/07.9	31822	2001 AG ₅	2002 07 08.5	19 10.10	-17 48.0	18.8	-1.02	-	1.8	1.8/09.0	31933
1999 XY ₅₈	2002 07 08.1	19 08.78	-10 30.6	18.9	-0.93	+	2.3	4.4/08.9	11698	1999 XR ₂₈	2002 07 08.5	19 10.11	-22 50.8	18.8	-0.95	-	3.1	0.1/08.5	13629
1999 TF ₃₅	2002 07 08.2	19 08.77	+10 41.6	20.1	-0.98	-	0.5	12.0/10.7	2660	1999 XU ₆	2002 07 08.5	19 10.19	-23 37.6	18.9	-1.10	-	1.2	0.5/08.4	1546
1998 HC ₁₃₃	2002 07 08.2	19 08.77	-24 31.6	18.0	-0.91	-	2.2	0.8/08.0	31838	2001 FQ ₅	2002 07 08.5	19 10.20	-33 17.6	18.8	-1.04	-	0.1	3.7/07.6	13823
2000 BU ₄₇	2002 07 08.2	19 08.82	-22 48.3	17.6	-0.83	-	1.1	0.1/08.2	31896	1999 VK ₆₆	2002 07 08.5	19 10.29	-31 25.7	20.2	-1.10	-	3.5	3.4/07.4	12192
1998 FJ ₁₁₄	2002 07 08.2	19 08.83	-17 30.2	16.8	-1.03	+	2.0	2.4/08.5	31814	2001 AU ₃₆	2002 07 08.5	19 10.29	-35 25.3	19.0	-1.10	-	0.6	4.6/07.5	12270
1999 WN ₇	2002 07 08.2	19 08.84	-29 19.7	16.8	-1.01	-	7.6	3.5/07.0	31880	2000 AD ₁₁₈	2002 07 08.5	19 10.37	-14 27.8	17.0	-0.82	+	0.4	2.6/09.2	31891
1999 TL ₁₃	2002 07 08.2	19 08.85	-33 55.1	17.6	-1.13	-	4.6	6.1/06.5	7507	1999 RM ₄₂	2002 07 08.5	19 10.50	-41 29.6	18.9	-1.18	-	3.5	6.5/06.1	13605
1998 WY ₁₆	2002 07 08.2	19 08.86	-12 53.8	19.0	-0.83	0.0	3.2/09.0	23464	1999 UP ₄₉	2002 07 08.6	19 10.39	-25 47.3	20.0	-1.00	-	3.0	1.1/08.2	15051	
2001 BY ₅₀	2002 07 08.2	19 08.87	-30 18.5	18.6	-1.14	-	4.4	3.2/07.2	12278	1999 XP ₂₁₅	2002 07 08.6	19 10.43	-11 15.1	18.8	-0.96	+	1.5	3.9/09.3	40425
2001 DG ₅₄	2002 07 08.2	19 09.05	-28 12.6	18.9	-0.98	-	1.9	2.1/07.7	31940	1999 XY ₁₈₁	2002 07 08.6	19 10.43	-42 19.8	20.1	-1.11	-	2.9	5.8/06.1	13076
2000 YO ₁₃₈	2002 07 08.2	19 09.05	-27 10.5	18.5	-1.02	-	1.7	2.1/07.8	31933	2000 AW ₈₇	2002 07 08.6	19 10.45	-21 50.8	18.1	-0.90	-	1.2	0.2/08.7	19478
2000 AN ₆₄	2002 07 08.2	19 09.14	-31 28.9	19.0	-1.04	-	0.3	3.0/07.5	27657	2001 FU ₄₃	2002 07 08.6	19 10.48	-04 33.1	20.5	-0.87	-	1.9	5.7/10.7	17578
2000 EO ₁₂₇	2002 07 08.2	19 09.17	+09 24.8	19.0	-0.76	-	3.5	9.0/12.7	13662	1999 TO ₁₀₄	2002 07 08.6	19 10.55	-31 20.7	17.7	-1.13	+	0.5	4.0/08.0	31867
2001 EB ₁₀	2002 07 08.3	19 09.17	-21 04.9	18.4	-0.89	-	2.7	0.5/08.5	31941	1998 KE ₅₅	2002 07 08.6	19 10.57	-13 06.2	17.7	-0.94	-	4.6	4.3/10.0	31817
1996 TO ₃₄	2002 07 08.3	19 09.27	-26 37.3	20.1	-1.12	-	1.8	1.6/07.9	10835	1999 RP ₅₅	2002 07 08.6	19 10.67	-18 35.4	17.6	-1.07	-	3.7	1.5/09.1	31858
1999 TL ₅₅	2002 07 08.3	19 09.33	-17 28.0	19.3	-0.97	-	1.4	1.9/08.8	12948	1999 XR ₂₅₆	2002 07 08.6	19 10.72	-39 54.7	20.1	-1.09	-	3.3	5.4/06.4	18223
1998 SS ₁₄₆	2002 07 08.3	19 09.33	-07 44.5	17.6	-0.80	-	1.6	5.1/09.9	31836	2001 FS ₆₄	2002 07 08.6	19 10.78	-15 05.2	19.4	-0.94	-	2.9	2.5/09.6	13833
1999 XT ₁₀₆	2002 07 08.3	19 09.34	-08 45.0	18.7	-0.93	+	0.7	5.0/09.4	13634	1999 RB ₃₁	2002 07 08.6	19 10.81	-67 50.1	18.1	-2.32	+	6.3	22.2/06.9	639
2001 DS ₂₇	2002 07 08.3	19 09.38	-34 52.4	20.2	-1.19	-	1.3	5.0/07.2	12296	2001 BO ₇₆	2002 07 08.6	19 10.81	-11 02.7	19.1	-0.93	+	1.9	4.2/09.4	18311

1998 QE ₅₀	2002 07 08.6	19 10.86	-36 42.1	19.3	-1.17	-	1.7	6.0/07.0	4916	1999 VY ₆₀	2002 07 09.0	19 12.31	-43 17.7	18.1	-1.16	-	3.6	7.1/06.4	13622
1999 RE ₂₅	2002 07 08.6	19 10.87	-21 51.3	18.3	-1.04	-	1.1	0.2/08.7	31857	1998 WE ₁₆	2002 07 09.0	19 12.32	-26 32.2	19.3	-0.83	-	2.7	1.2/08.5	13586
2001 DE ₃₃	2002 07 08.7	19 10.80	-28 57.1	19.9	-1.02	-	1.7	2.3/08.0	12297	2001 EX ₁₀	2002 07 09.0	19 12.33	-05 57.0	18.5	-0.78	-	3.8	5.1/11.5	13820
2001 BB ₄	2002 07 08.7	19 10.84	-30 10.4	19.5	-1.14	-	3.1	3.1/07.8	10687	1999 VN ₆₇	2002 07 09.0	19 12.37	-20 54.2	20.6	-0.89	-	1.6	0.4/09.2	13622
1999 XT ₁₅₃	2002 07 08.7	19 10.91	-20 22.1	18.1	-1.00	+	1.7	0.7/08.8	38852	2001 FF ₁₃₁	2002 07 09.0	19 12.51	-18 54.6	19.5	-0.89	-	2.9	1.3/09.5	14424
1997 HA ₁	2002 07 08.7	19 10.93	-42 41.6	19.5	-1.18	-	4.0	7.0/06.0	13552	2001 FK ₁₇	2002 07 09.1	19 12.46	-18 21.3	19.3	-0.91	-	1.6	1.4/09.5	17574
1999 XG ₁₂₃	2002 07 08.7	19 10.96	-26 02.6	20.3	-1.16	-	0.1	1.4/08.4	12214	1999 TN ₉₈	2002 07 09.1	19 12.59	-13 33.0	18.5	-0.98	-	4.2	3.5/10.3	31867
1999 XU ₁₁₅	2002 07 08.7	19 10.98	-10 42.8	16.7	-1.01	+	7.1	6.1/08.7	31884	1994 TC ₁₂	2002 07 09.1	19 12.59	-19 37.5	20.3	-0.93	-	1.8	1.0/09.4	16004
2001 DP ₆₉	2002 07 08.7	19 11.06	-19 07.3	19.9	-1.02	-	1.9	1.2/09.1	13815	2001 FO ₁₈₄	2002 07 09.1	19 12.62	-15 09.5	19.2	-0.85	-	3.3	3.1/10.0	27767
1997 CR ₂₂	2002 07 08.7	19 11.07	-25 54.2	17.9	-1.02	+	1.1	1.8/08.5	14749	2001 DX ₁₀₀	2002 07 09.1	19 12.62	-26 31.7	18.5	-1.03	-	5.0	1.7/08.6	16092
2001 CD ₄	2002 07 08.7	19 11.11	-28 48.1	19.2	-1.10	-	1.8	2.4/08.1	12284	2001 HN	2002 07 09.1	19 12.71	-53 17.8	18.3	-1.24	-	4.4	9.9/03.8	13850
1998 RR ₂	2002 07 08.7	19 11.12	-27 22.3	20.2	-1.16	-	1.9	2.1/08.2	33350	2001 FZ ₁₃₂	2002 07 09.1	19 12.74	-07 40.5	19.1	-0.77	-	0.7	4.6/10.7	13345
1999 RP ₉₂	2002 07 08.7	19 11.14	-32 07.8	18.8	-1.18	-	1.6	3.8/07.8	13606	1999 RN ₂₀₀	2002 07 09.1	19 12.76	-07 33.0	17.9	-1.03	+	1.6	6.1/10.1	31862
1999 RV ₄₀	2002 07 08.7	19 11.18	-63 29.9	17.4	-2.05	+	5.0	17.9/10.0	13605	1460 T-2	2002 07 09.1	19 12.77	-11 38.7	18.0	-0.86	-	2.2	4.1/10.5	32043
1998 FG ₈₀	2002 07 08.7	19 11.25	-25 09.7	18.1	-1.08	-	3.8	1.3/08.5	31813	1998 KR ₂₃	2002 07 09.1	19 12.78	-20 43.8	19.4	-1.05	-	3.9	0.7/09.4	13566
3113 T-2	2002 07 08.7	19 11.28	-28 37.6	18.2	-1.04	-	2.3	2.4/08.1	32043	1999 UU ₁₆	2002 07 09.1	19 12.84	-31 48.6	19.8	-1.04	-	2.0	3.1/08.1	13617
1999 VY ₁₉₅	2002 07 08.7	19 11.30	-27 00.9	18.4	-1.10	+	0.3	1.8/08.4	31879	2001 DZ ₇₁	2002 07 09.1	19 12.85	-32 31.5	19.7	-1.06	+	0.1	3.6/08.3	13816
1999 RU ₁₇₅	2002 07 08.7	19 11.31	-19 58.3	18.7	-1.04	-	1.3	0.9/09.0	11550	2001 AQ ₄₃	2002 07 09.1	19 12.88	-31 19.1	18.6	-1.16	-	2.4	3.4/08.2	12271
1999 XO ₉₉	2002 07 08.8	19 11.22	-26 25.2	17.4	-1.02	-	3.3	1.5/08.3	31884	1999 RJ ₄	2002 07 09.1	19 12.91	-22 01.4	18.4	-1.16	+	0.8	0.2/09.2	31257
1999 RM ₁₂	2002 07 08.8	19 11.26	-27 20.9	18.0	-1.16	+	0.6	2.1/08.5	31857	1999 XX ₁₁₈	2002 07 09.1	19 12.95	-23 45.3	18.8	-1.08	-	1.4	0.5/09.1	15651
2001 CX ₁₈	2002 07 08.8	19 11.30	-26 47.0	18.9	-1.09	-	0.6	1.7/08.4	13810	1981 EB ₃₀	2002 07 09.2	19 12.89	-47 06.2	17.4	-1.34	+	3.0	11.1/07.6	12102
2001 DX ₇	2002 07 08.8	19 11.30	-10 58.0	20.5	-0.92	-	4.8	3.9/10.5	12293	1998 QA ₁₀₀	2002 07 09.2	19 12.89	-26 48.0	18.7	-0.96	-	2.0	1.7/08.7	31823
1999 VK ₇₈	2002 07 08.8	19 11.46	-26 41.8	18.9	-1.17	-	1.4	1.8/08.4	677	1999 RN ₁₉₄	2002 07 09.2	19 12.92	-19 07.9	19.3	-1.06	-	0.9	1.2/09.5	12157
1999 TY ₁₁₉	2002 07 08.8	19 11.50	-48 57.5	19.1	-1.39	+	0.8	10.0/07.0	13612	2000 CQ ₈₇	2002 07 09.2	19 13.06	-24 54.1	18.5	-0.87	-	1.3	0.8/09.0	13656
1998 RE ₈₀	2002 07 08.8	19 11.53	-33 49.7	18.8	-1.07	-	3.4	4.2/07.3	33353	2001 AB ₄₀	2002 07 09.2	19 13.10	-28 56.6	19.1	-1.23	+	1.7	2.7/08.9	31935
2000 AJ ₂₀₅	2002 07 08.8	19 11.62	-28 40.3	17.8	-1.03	+	0.6	2.3/08.4	27659	2001 EE ₁	2002 07 09.2	19 13.14	-41 44.0	19.5	-1.17	-	0.6	7.6/07.4	13268
1998 SD ₁₅₇	2002 07 08.8	19 11.63	-25 36.5	18.6	-0.93	-	1.6	1.2/08.5	16857	1999 XP ₁₆₃	2002 07 09.2	19 13.17	-21 01.8	18.3	-0.84	-	7.1	0.5/09.5	13637
1998 SX ₅₇	2002 07 08.8	19 11.66	-21 18.8	19.0	-0.90	-	2.8	0.4/09.0	13578	2001 DU ₄₅	2002 07 09.2	19 13.19	-02 07.9	19.0	-0.89	-	5.0	7.6/12.5	13814
1999 YH ₂₆	2002 07 08.8	19 11.68	-42 54.4	18.1	-1.19	-	3.9	7.6/05.8	14175	2001 DR ₁₀₃	2002 07 09.2	19 13.21	-25 13.2	18.5	-1.11	+	0.8	1.1/09.1	13818
1999 TC ₉₃	2002 07 08.8	19 11.69	-29 04.3	18.4	-1.15	-	5.5	2.9/07.9	31277	2001 EF ₁	2002 07 09.2	19 13.22	-38 29.5	19.3	-1.16	-	0.3	6.0/07.9	11926
2000 CL ₈₉	2002 07 08.8	19 11.70	-32 30.1	19.0	-0.93	-	1.6	3.0/07.8	13656	1999 TW ₈₉	2002 07 09.2	19 13.23	-30 18.9	18.8	-1.17	-	3.4	3.4/08.3	13611
1996 BC	2002 07 08.8	19 11.70	-20 38.0	19.2	-0.93	-	3.3	0.6/09.1	12112	2001 BJ ₆₂	2002 07 09.2	19 13.32	-17 00.0	19.3	-1.07	-	2.3	2.3/09.9	10721
2000 EL ₉₀	2002 07 08.9	19 11.64	+11 05.8	19.6	-0.72	-	1.5	8.4/13.1	19543	1999 XW ₁₁₈	2002 07 09.3	19 13.28	-26 52.3	20.6	-1.14	-	3.1	1.9/08.8	14166
2001 FM ₅₆	2002 07 08.9	19 11.65	-05 53.3	18.7	-0.79	-	1.2	5.6/10.3	31943	1999 XZ ₃₉	2002 07 09.3	19 13.34	-21 12.1	17.2	-0.98	-	5.9	0.5/09.5	31882
2001 BS ₆₅	2002 07 08.9	19 11.65	-17 12.4	19.1	-1.03	-	0.1	2.1/09.3	12280	1999 XS ₂₃₄	2002 07 09.3	19 13.36	-17 00.6	19.3	-0.93	-	2.8	1.9/10.0	13082
1998 FY ₇₇	2002 07 08.9	19 11.77	-21 57.4	18.6	-1.09	-	4.2	0.2/09.0	12121	2001 KR ₅	2002 07 09.3	19 13.42	-01 44.5	19.1	-0.78	+	0.7	6.4/11.1	17611
2001 FR ₁₄₇	2002 07 08.9	19 11.78	-30 47.5	18.4	-0.94	+	1.0	2.9/08.3	19930	1999 RC ₁₀₆	2002 07 09.3	19 13.44	-21 16.6	16.4	-0.97	+	4.0	0.6/09.4	31859
1999 RV ₁₈₀	2002 07 08.9	19 11.86	-24 01.0	18.9	-1.08	-	3.0	0.6/08.8	13607	2001 BY ₇	2002 07 09.3	19 13.44	-30 35.2	16.3	-1.06	-	4.6	4.3/08.2	31935
1998 HR ₁₀₂	2002 07 08.9	19 11.92	-25 05.0	17.7	-0.98	-	1.1	1.3/08.7	31816	1999 UJ ₅₁	2002 07 09.3	19 13.46	-19 10.5	18.0	-0.98	-	6.4	1.5/09.8	31873
2001 FP ₄₄	2002 07 08.9	19 11.99	+12 33.8	20.0	-0.94	-	2.5	12.0/13.7	13830	2001 FK ₂₁	2002 07 09.3	19 13.49	-37 46.4	17.8	-1.11	-	5.8	5.7/06.8	13288
2001 FF ₁₃₉	2002 07 08.9	19 12.01	-19 08.5	18.4	-0.92	-	1.4	1.3/09.3	31945	1999 TF ₈₃	2002 07 09.3	19 13.62	-15 06.1	19.6	-0.98	-	2.5	2.9/10.2	15050
1999 VV ₂₉	2002 07 08.9	19 12.04	-23 29.0	18.5	-1.08	-	1.8	0.4/08.9	31874	2000 CQ ₇₆	2002 07 09.3	19 13.64	-24 20.3	19.6	-0.81	-	1.6	0.5/09.2	31898
1998 SL ₇	2002 07 09.0	19 12.07	-24 16.9	18.1	-0.93	-	1.3	0.8/08.8	31829	1998 FD ₈₈	2002 07 09.3	19 13.65	-33 08.8	18.4	-1.23	-	2.3	4.7/08.2	12864
2000 CN ₁₁₃	2002 07 09.0	19 12.13	-21 04.1	18.6	-0.84	-	2.1	0.5/09.2	31899	2001 DC ₆₆	2002 07 09.3	19 13.65	-21 38.8	19.3	-1.05	-	1.3	0.3/09.4	12301
1999 XE ₂₆	2002 07 09.0	19 12.15	-12 31.8	19.4	-0.99	-	0.2	3.5/09.8	40407	1995 GR ₇	2002 07 09.3	19 13.68	-21 18.4	16.8	-0.89	-	7.9	0.6/09.6	31805
1999 XC ₂₆	2002 07 09.0	19 12.15	-23 15.8	19.8	-1.12	-	3.0	0.4/08.9	14158	2001 BB ₃₂	2002 07 09.3	19 13.69	-20 38.5	19.5	-1.04	-	2.9	0.6/09.6	13806
2000 AM ₂₄₅	2002 07 09.0	19 12.16	-14 21.0	18.6	-0.98	-	11.5	2.8/10.7	31895	2000 YS ₆₈	2002 07 09.3	19 13.70	-16 41.2	18.7	-0.89	-	4.4	2.0/10.2	12263
1999 VW ₈₆	2002 07 09.0	19 12.19	-08 26.5	19.7	-0.96	-	5.1	5.7/11.0	4537	1999 XV ₅	2002 07 09.3	19 13.71	-30 21.0	19.5	-1.03	-	4.0	3.0/08.3	13024
4104 P-L	2002 07 09.0	19 12.22	-11 41.3	18.6	-1.01	-	0.8	4.7/10.0	12342	2000 AW ₁₃₄	2002 07 09.3	19 13.71	-29 57.0	18.3	-0.99	-	4.5	2.8/08.3	31892
1997 MB ₆	2002 07 09.0	19 12.26	-09 31.2	19.5	-0.81	-	0.1	4.2/10.3	14751	1995 UN ₄₀	2002 07 09.3	19 13.75	-36 36.6	20.2	-1.16	-	0.8	5.3/08.1	14743
1999 VT ₄₉	2002 07 09.0	19 12.31	-18 29.0	17.4	-1.00	+	0.5	2.0/09.4	31875	2001 FB ₉₁	2002 07 09.3	19 13.77	-32 53.6	19.1	-1.14	-	3.2	3.5/08.1	16093

2001 AH ₁₆	2002 07 09.4	19 13.70	-20 05.7	18.9	-1.05	- 0.3	0.9/09.6	13803	2001 EW ₂	2002 07 09.7	19 15.13	-31 41.3	18.6	-1.03	- 5.7	3.2/08.3	13819
2000 BP ₃₉	2002 07 09.4	19 13.70	-21 00.6	18.3	-0.83	- 1.9	0.5/09.6	31896	2001 FA ₉₈	2002 07 09.7	19 15.15	-15 50.6	16.8	-0.82	- 5.7	2.3/10.8	31944
2001 FW ₁₀	2002 07 09.4	19 13.74	-00 44.0	18.0	-0.75	- 2.2	7.7/12.4	31406	1999 RA ₁₀₉	2002 07 09.7	19 15.18	-15 50.5	18.1	-0.99	- 4.5	3.1/10.7	31859
1997 HY ₁₀	2002 07 09.4	19 13.77	-35 37.4	20.6	-1.07	- 2.2	4.1/07.9	14352	2000 AX ₈₁	2002 07 09.7	19 15.22	-19 33.9	18.6	-0.88	- 2.0	1.0/10.1	31890
2000 AM ₇₄	2002 07 09.4	19 13.78	-19 38.7	17.4	-1.04	- 5.5	1.2/09.8	13109	1998 FG ₄	2002 07 09.7	19 15.24	-20 08.2	16.9	-0.99	- 7.5	1.1/10.0	31811
1999 XP ₁₁₇	2002 07 09.4	19 13.78	-35 30.9	18.6	-1.19	- 3.3	6.0/07.7	1555	2001 EH	2002 07 09.7	19 15.30	-13 34.2	21.4	-0.90	- 2.4	2.7/10.8	13818
1997 GN ₉	2002 07 09.4	19 13.83	-47 47.4	17.8	-1.28	0.0	10.4/06.8	16009	2000 JJ ₂₁	2002 07 09.7	19 15.31	-16 18.2	18.9	-0.65	- 0.4	1.3/10.4	3592
2000 AK ₁₃₄	2002 07 09.4	19 13.90	-26 45.0	19.5	-0.91	- 0.1	1.5/09.0	27658	1999 XR ₂₃₀	2002 07 09.7	19 15.38	-31 17.9	18.7	-1.15	- 2.1	3.6/08.8	1559
1999 CK ₁₀₃	2002 07 09.4	19 13.90	-22 37.4	15.8	-0.99	+ 4.9	0.1/09.4	31251	1991 RQ ₅	2002 07 09.8	19 15.33	-34 08.2	16.6	-1.09	- 2.0	5.3/08.5	31802
2001 HO ₁₆	2002 07 09.4	19 13.93	-11 36.5	18.8	-0.81	- 5.2	3.3/11.2	25897	1999 XZ ₂₂₁	2002 07 09.8	19 15.35	-40 41.1	20.1	-1.13	- 3.6	6.0/07.2	2704
2000 YD ₃₄	2002 07 09.4	19 13.93	-16 11.4	20.6	-1.01	- 4.2	2.1/10.3	12261	2001 FJ ₁₈	2002 07 09.8	19 15.42	-11 37.8	18.9	-0.88	- 0.9	3.9/10.9	31942
1998 BK ₄	2002 07 09.4	19 13.95	-21 55.9	18.3	-1.12	- 4.1	10.5/30.0	8025	1998 RB ₂₅	2002 07 09.8	19 15.44	-08 53.5	19.3	-0.87	- 1.9	4.3/11.3	31824
1998 HW ₁₈	2002 07 09.4	19 13.96	-13 19.8	20.7	-1.06	- 1.7	3.6/10.4	10321	2001 FH ₅₆	2002 07 09.8	19 15.44	-23 43.7	18.4	-0.85	- 0.6	0.5/09.7	31943
1990 RV ₃	2002 07 09.4	19 13.99	-28 58.7	17.2	-1.01	- 0.6	3.3/08.8	31801	2000 YQ ₁₁₅	2002 07 09.8	19 15.47	-25 04.4	19.3	-1.09	- 1.4	1.1/09.6	13802
2000 AU ₁	2002 07 09.4	19 14.03	-19 47.3	19.3	-0.85	- 2.9	0.8/09.8	30344	1999 RS ₃₂	2002 07 09.8	19 15.47	-32 14.5	18.4	-1.18	+ 0.6	4.9/09.0	10366
4266 T-1	2002 07 09.4	19 14.03	-19 19.4	18.2	-0.96	- 3.1	1.4/10.0	32043	2001 FO ₈₀	2002 07 09.8	19 15.51	-08 44.7	19.3	-0.81	- 0.2	4.3/11.2	17582
1981 EB ₂₉	2002 07 09.4	19 14.05	-07 03.7	19.4	-0.92	- 2.5	5.7/11.4	11459	2001 HL ₄₆	2002 07 09.8	19 15.54	-26 39.9	19.4	-0.87	- 1.9	1.4/09.3	27767
1998 QP ₂₀	2002 07 09.4	19 14.05	-24 27.5	18.7	-0.97	- 0.8	0.7/09.3	39202	1998 RD ₈₁	2002 07 09.8	19 15.58	-15 51.5	18.8	-0.90	- 0.3	2.8/10.4	31241
2001 FF ₁₆₇	2002 07 09.4	19 14.10	-17 54.2	19.2	-0.81	- 2.0	1.3/10.0	13376	2001 FU ₁₄₇	2002 07 09.8	19 15.59	-17 49.7	19.1	-0.89	+ 1.0	1.5/10.2	13357
1998 HN ₂₆	2002 07 09.4	19 14.13	-24 30.0	19.4	-1.09	- 3.8	0.9/09.2	8039	1999 VY ₁₅₄	2002 07 09.8	19 15.64	-12 12.1	18.9	-1.02	- 1.3	4.2/10.9	11666
2001 GB ₈	2002 07 09.5	19 14.13	-32 23.9	18.2	-0.92	- 4.1	3.3/08.1	31946	1999 XJ ₁₇	2002 07 09.8	19 15.67	-21 07.2	20.1	-1.05	+ 3.2	0.4/09.9	38833
2000 AC ₁₆₇	2002 07 09.5	19 14.14	-09 40.9	19.4	-0.78	+ 0.1	3.9/10.7	13649	1999 XC ₂₁₅	2002 07 09.8	19 15.76	-18 20.1	19.2	-0.89	- 3.5	1.4/10.4	17113
2000 YD ₇₆	2002 07 09.5	19 14.17	-19 32.3	19.8	-1.09	- 4.2	1.1/10.0	17516	1999 XZ ₂₁₅	2002 07 09.8	19 15.78	-20 49.0	16.5	-1.02	+ 4.9	0.7/09.9	31887
1999 TQ ₁₄₉	2002 07 09.5	19 14.18	-22 19.7	19.7	-1.12	- 1.2	0.0/09.5	12954	4259 P-L	2002 07 09.9	19 15.72	-16 59.4	19.6	-0.84	- 0.8	1.8/10.4	13873
1999 VJ ₃₄	2002 07 09.5	19 14.23	-16 14.0	18.8	-0.96	- 0.7	2.2/10.0	13620	1998 QK ₂₂	2002 07 09.9	19 15.73	-33 44.7	18.1	-1.17	+ 4.3	4.9/09.4	25714
2001 BG ₂₉	2002 07 09.5	19 14.28	-23 39.6	21.1	-1.09	+ 0.2	0.5/09.4	18311	2001 FB ₁₅₉	2002 07 09.9	19 15.81	-30 23.9	18.7	-1.23	- 0.8	3.6/09.1	31945
1998 RM ₁₉	2002 07 09.5	19 14.30	-30 49.5	19.3	-1.01	- 1.0	2.8/08.7	27609	1999 VQ ₇₇	2002 07 09.9	19 15.82	-23 49.0	18.2	-1.04	- 0.9	0.7/09.8	31876
1999 TC ₁₄₃	2002 07 09.5	19 14.31	-26 50.8	18.1	-1.08	- 2.0	1.7/09.1	31868	2001 EF ₂₇	2002 07 09.9	19 15.85	-14 30.2	18.7	-1.01	0.0	3.1/10.6	23618
2001 CH ₁₃	2002 07 09.5	19 14.31	-02 21.1	17.2	-0.97	-16.4	9.3/14.9	31938	1998 QF ₁₀₁	2002 07 09.9	19 15.92	-26 32.3	18.9	-0.99	- 3.0	1.8/09.4	14116
2000 DU ₅₅	2002 07 09.5	19 14.37	-20 50.5	18.2	-0.83	- 1.9	0.5/09.7	13169	1998 QR ₅₉	2002 07 09.9	19 15.98	-27 57.6	19.5	-1.01	- 1.0	2.1/09.4	1956
1999 XU ₂₈	2002 07 09.5	19 14.46	-32 58.6	16.6	-1.16	- 9.2	4.9/07.5	31881	2001 BK ₂₁	2002 07 09.9	19 15.99	-27 09.5	18.5	-1.07	- 5.9	2.2/09.2	10695
1998 HT ₃₄	2002 07 09.5	19 14.52	-13 17.8	16.9	-0.88	- 4.6	4.7/10.9	31815	3228 T-1	2002 07 09.9	19 16.08	-23 39.5	18.2	-1.05	- 1.3	0.6/10.0	32043
2001 BH ₄₅	2002 07 09.5	19 14.55	-17 18.6	18.3	-1.02	- 0.2	2.1/10.0	12277	1999 TX ₁₁	2002 07 09.9	19 16.10	-40 39.6	19.7	-1.16	- 1.3	6.3/08.0	31864
1999 TN ₂₄₁	2002 07 09.5	19 14.56	-29 31.6	19.3	-1.10	- 4.4	2.8/08.6	11603	1999 XZ ₈₅	2002 07 09.9	19 16.14	-22 19.1	17.5	-0.83	- 3.8	7.2/30.0	31883
1999 XE ₁₁₂	2002 07 09.6	19 14.49	-31 58.3	18.4	-1.17	- 6.3	4.4/08.0	1554	2001 CV ₂₇	2002 07 09.9	19 16.17	-31 32.2	17.3	-1.00	- 5.8	3.8/08.5	31938
2001 HD ₇	2002 07 09.6	19 14.49	+06 42.5	20.2	-0.73	- 0.1	7.6/12.9	31946	2000 CE ₅₇	2002 07 10.0	19 16.16	-36 40.9	20.5	-1.03	- 0.4	4.4/08.5	30350
1999 XF ₉₆	2002 07 09.6	19 14.52	-20 44.5	18.3	-1.12	+ 0.1	0.7/09.7	31884	1999 RU ₁₁	2002 07 10.0	19 16.17	-22 46.1	17.4	-1.08	- 2.5	0.2/10.0	31857
1999 TS ₁	2002 07 09.6	19 14.72	-18 09.1	17.0	-0.98	- 1.6	2.1/10.0	31864	1999 XL ₅₃	2002 07 10.0	19 16.17	-23 42.0	18.4	-0.99	- 2.9	0.6/09.8	31882
2000 CM ₁₁₈	2002 07 09.6	19 14.81	-13 34.5	18.8	-0.84	- 4.0	3.0/10.9	19511	1999 XO ₁₂₂	2002 07 10.0	19 16.19	-30 41.4	18.7	-1.13	- 0.5	3.4/09.2	11715
2000 AT ₂₄₄	2002 07 09.6	19 14.81	-14 30.0	18.3	-0.83	+ 0.3	2.4/10.4	14195	1999 VD ₃₇	2002 07 10.0	19 16.20	-29 04.6	20.0	-1.05	- 2.9	2.3/09.2	13621
1999 TP ₁₀₄	2002 07 09.6	19 14.86	-16 19.6	19.8	-1.04	- 0.9	2.3/10.0	1138	1999 RZ ₂₃₅	2002 07 10.0	19 16.23	-20 32.0	17.2	-1.07	- 7.7	0.8/10.3	31863
1999 XV ₃₈	2002 07 09.6	19 14.93	-15 38.8	19.7	-0.94	- 2.5	2.1/10.5	40410	1999 VU ₁₈₆	2002 07 10.0	19 16.31	-13 45.2	19.9	-1.00	- 1.8	3.4/10.9	16043
2000 ER ₁₆₆	2002 07 09.6	19 14.95	-34 57.0	18.6	-1.03	- 3.8	4.3/07.9	31905	2001 DY ₇₀	2002 07 10.0	19 16.37	-19 35.3	19.7	-1.02	- 2.0	1.0/10.3	13815
1999 TR ₂₁₆	2002 07 09.6	19 14.99	-27 20.8	19.3	-1.08	- 0.7	2.1/09.2	15050	2000 AD ₁₁	2002 07 10.0	19 16.37	-22 36.7	17.2	-1.14	+ 2.1	0.2/10.0	31316
1999 UX ₃₅	2002 07 09.7	19 14.90	-13 22.4	18.8	-1.05	- 1.3	4.3/10.5	10919	2000 AC ₁₂₉	2002 07 10.0	19 16.42	-17 45.2	18.8	-0.95	+ 0.8	1.6/10.4	31892
1995 UM	2002 07 09.7	19 14.91	-15 01.2	19.4	-0.99	- 0.6	2.8/10.4	40309	2000 AE ₁₉₁	2002 07 10.0	19 16.44	-04 08.3	19.5	-0.91	+ 0.1	6.7/11.6	17141
1999 XY ₂₆₁	2002 07 09.7	19 14.93	+17 59.0	17.1	-0.97	+ 7.6	16.9/08.8	31887	1999 VK ₁₀₈	2002 07 10.0	19 16.49	-17 41.2	19.2	-0.93	- 1.4	1.8/10.6	11657
2000 AK ₁₄₀	2002 07 09.7	19 14.94	-12 52.9	19.0	-1.02	- 2.9	4.2/10.8	13648	1999 VC ₂₁	2002 07 10.0	19 16.52	-23 51.8	19.7	-0.95	- 2.2	0.5/09.9	12977
1999 VR ₅₈	2002 07 09.7	19 14.98	-31 00.9	18.1	-1.10	- 4.4	4.2/08.5	2163	2001 FE ₁₃₅	2002 07 10.0	19 16.63	-29 54.9	18.3	-1.04	+ 3.9	2.6/09.8	12339
2000 EA ₅₉	2002 07 09.7	19 14.99	-21 52.1	20.0	-0.81	- 1.5	0.1/09.8	2757	1999 TV ₂₂₂	2002 07 10.1	19 16.57	-23 08.5	17.3	-0.97	- 7.2	0.4/10.0	31870
1999 RT ₁₂	2002 07 09.7	19 15.09	-19 21.8	17.3	-1.09	+ 0.1	1.4/10.0	31857	2001 CF ₈	2002 07 10.1	19 16.67	-24 44.5	18.4	-1.00	- 2.9	1.0/09.8	31937

1999 XV ₂₄₁	2002 07 10.1	19 16.68	-18 01.4	18.9	-1.01	- 3.9	1.6/10.7	2706	1998 ET ₁₄	2002 07 10.4	19 18.06	-30 25.7	17.8	-1.08	- 2.4	4.1/09.5	31811
1995 GD ₄	2002 07 10.1	19 16.68	-35 16.5	19.3	-0.93	- 2.6	4.2/08.4	16005	1998 HU ₅₁	2002 07 10.4	19 18.08	-30 41.0	15.6	-0.95	- 5.1	4.5/09.1	31815
1999 TM ₁₄₃	2002 07 10.1	19 16.69	-16 09.2	19.3	-1.01	- 0.5	2.3/10.7	13613	1999 XE ₂₀₆	2002 07 10.4	19 18.11	-35 27.8	19.0	-0.94	- 3.0	4.0/08.7	14384
1999 TG ₁₁₈	2002 07 10.1	19 16.73	-15 21.3	17.7	-0.97	+ 0.9	3.6/10.7	31867	1995 WR ₈	2002 07 10.4	19 18.24	-16 20.5	18.2	-1.09	+ 2.5	2.3/10.8	31806
1999 JW ₇	2002 07 10.1	19 16.75	+12 45.1	19.2	-1.19	+ 5.2	17.5/11.8	8420	2001 DV ₇	2002 07 10.4	19 18.26	-21 39.8	19.9	-1.05	- 1.4	0.2/10.6	18312
2000 DG ₃₇	2002 07 10.1	19 16.76	-33 28.1	19.8	-0.91	- 0.6	3.1/09.0	40463	1999 TN ₁₇	2002 07 10.4	19 18.26	-14 07.1	18.4	-1.03	- 5.1	3.4/11.6	40379
1999 XU ₁₂₈	2002 07 10.1	19 16.76	-40 33.5	19.9	-1.20	+ 0.7	6.3/08.6	17103	1997 KQ ₂	2002 07 10.5	19 18.22	-20 09.1	20.1	-0.94	- 2.8	0.7/10.8	6758
1999 XQ ₁₈₆	2002 07 10.1	19 16.77	-34 24.7	17.5	-1.07	- 0.8	5.6/08.9	12218	2000 SU ₁₆₄	2002 07 10.5	19 18.23	+17 42.1	20.3	-1.16	- 0.8	17.9/15.7	7173
2001 DQ ₁₃	2002 07 10.1	19 16.77	-29 15.4	19.9	-1.03	- 3.0	2.3/09.3	14419	1999 RR ₈	2002 07 10.5	19 18.26	-12 58.5	19.5	-1.00	- 3.0	3.5/11.7	12149
1999 RL ₁₈₄	2002 07 10.1	19 16.79	-15 53.6	16.7	-0.94	- 6.5	3.3/11.2	31861	1998 MP ₂₄	2002 07 10.5	19 18.28	-23 05.1	17.5	-1.04	- 0.9	0.4/10.4	31818
1999 VK ₃₄	2002 07 10.1	19 16.80	-07 05.4	19.1	-0.96	+ 2.2	5.6/11.1	38109	2000 AK ₆	2002 07 10.5	19 18.29	-23 52.7	17.8	-0.90	- 1.4	0.6/10.3	31888
2001 BF ₅₉	2002 07 10.1	19 16.83	-34 36.5	19.7	-1.17	+ 2.1	4.6/09.4	12279	2000 AO ₁₈₇	2002 07 10.5	19 18.33	-11 59.1	18.9	-0.91	- 6.7	3.7/12.3	13650
1999 VW ₆₅	2002 07 10.1	19 16.83	-21 02.9	20.1	-0.99	- 2.1	0.4/10.3	13622	2000 EG ₁₂	2002 07 10.5	19 18.36	-23 20.2	17.9	-0.87	- 5.2	0.4/10.4	31901
1999 TY ₁₈₀	2002 07 10.1	19 16.86	-13 45.7	17.4	-0.98	- 1.6	3.8/11.1	31869	1998 SV ₁₂	2002 07 10.5	19 18.43	+05 39.9	19.4	-0.74	- 4.2	7.2/15.2	13577
2000 AF ₆₈	2002 07 10.1	19 16.93	-12 25.5	18.1	-0.96	- 3.3	3.8/11.4	31890	2001 DA ₈₉	2002 07 10.5	19 18.44	-24 29.0	20.8	-1.04	- 2.0	0.8/10.3	17563
2001 FF ₆₅	2002 07 10.1	19 16.96	-18 30.8	18.2	-0.89	- 3.8	1.4/10.7	13833	2000 WF ₆₇	2002 07 10.5	19 18.56	-40 49.1	17.7	-1.54	-21.0	9.4/05.2	8545
2000 XS ₁₃	2002 07 10.1	19 16.98	-58 02.0	18.5	-1.84	-16.2	18.1/28.2	30435	1998 SG ₁₄₀	2002 07 10.5	19 18.56	-02 09.1	18.1	-0.84	+ 0.9	8.2/12.3	31245
2001 FX ₁₅₁	2002 07 10.1	19 17.01	-35 22.7	18.3	-0.90	- 4.8	3.9/08.2	31945	2001 BU ₇₇	2002 07 10.5	19 18.57	-06 58.7	20.0	-0.86	+ 0.6	4.7/12.1	12283
1999 XZ ₃₆	2002 07 10.1	19 17.01	-23 52.9	17.8	-1.04	- 3.9	0.7/10.0	11692	2000 AF ₄₄	2002 07 10.6	19 18.58	-34 31.3	20.9	-1.07	- 6.3	4.4/08.5	11745
2000 AT ₂₇	2002 07 10.2	19 16.97	-27 34.1	19.0	-0.89	- 0.1	1.6/09.7	13642	1999 PS ₄	2002 07 10.6	19 18.71	-21 00.8	19.0	-1.10	- 1.5	0.5/10.8	11530
1999 XJ ₁₆₂	2002 07 10.2	19 17.02	-38 18.7	19.5	-1.12	- 1.4	5.0/08.3	31885	2000 CK ₁₁₁	2002 07 10.6	19 18.72	-23 30.0	18.4	-0.87	- 2.5	0.4/10.5	31899
2001 FE ₁₀₂	2002 07 10.2	19 17.05	-34 19.2	17.4	-1.04	+ 2.5	4.6/09.5	13840	1999 XV ₁₂₅	2002 07 10.6	19 18.81	-27 41.5	19.3	-1.03	- 1.4	1.9/10.0	40418
1999 XP ₈₁	2002 07 10.2	19 17.10	-22 09.6	19.7	-0.88	- 2.4	0.0/10.2	13632	2000 CX ₃₉	2002 07 10.6	19 18.88	+02 19.5	21.3	-0.91	- 5.9	7.2/14.6	39592
1999 XP ₁₉	2002 07 10.2	19 17.12	-30 03.4	20.5	-1.09	- 2.3	2.4/09.3	6263	1999 XT ₂₂₇	2002 07 10.6	19 18.89	-21 32.9	19.3	-1.00	- 1.5	0.3/10.7	29203
1999 RE ₁₈₂	2002 07 10.2	19 17.33	-12 12.0	19.4	-1.01	- 2.9	4.0/11.5	11552	1998 MX ₁₅	2002 07 10.6	19 18.98	-18 54.9	17.5	-0.94	- 6.2	1.1/11.2	31818
2001 FZ ₇	2002 07 10.2	19 17.35	-04 39.0	20.3	-0.87	- 3.1	5.8/12.7	13823	1998 WJ ₁₂	2002 07 10.6	19 19.03	-12 22.6	18.6	-0.84	+ 0.1	3.4/11.6	18181
2000 DB ₂₉	2002 07 10.2	19 17.35	-32 29.6	18.4	-0.96	0.0	3.4/09.3	13658	1993 FZ ₂₁	2002 07 10.6	19 19.07	-26 53.9	18.5	-1.02	- 1.5	1.7/10.2	31803
2000 BL ₆	2002 07 10.2	19 17.37	-33 24.8	20.4	-1.29	+ 5.0	3.6/09.9	2334	1998 TX ₂₂	2002 07 10.7	19 19.07	-35 52.9	19.2	-0.94	- 2.5	4.1/08.9	31838
2829 P-L	2002 07 10.2	19 17.43	-17 11.1	17.8	-0.98	- 2.7	2.0/10.9	32042	1999 XQ ₁₄₀	2002 07 10.7	19 19.13	-22 01.9	17.4	-0.87	- 6.3	0.1/10.8	31885
1999 XQ ₁₇₉	2002 07 10.2	19 17.43	-27 42.2	18.5	-0.87	- 1.7	1.8/09.7	13638	2001 DA ₃₄	2002 07 10.7	19 19.17	-29 27.0	19.9	-1.02	- 1.9	2.5/09.9	11878
2001 BR ₃	2002 07 10.2	19 17.45	-33 25.4	20.0	-1.19	- 0.9	4.6/09.2	11825	2001 BN ₂₁	2002 07 10.7	19 19.19	-18 58.0	19.2	-1.06	- 4.2	1.3/11.2	13806
2000 AS ₉₉	2002 07 10.3	19 17.35	-24 32.7	16.6	-1.04	- 6.5	1.1/09.9	31891	1999 VJ ₁₈₃	2002 07 10.7	19 19.23	-38 46.3	20.4	-1.10	- 2.7	5.0/08.6	1541
2000 YG ₆₁	2002 07 10.3	19 17.36	-19 27.7	20.3	-1.04	- 2.8	1.1/10.6	9507	1999 TD ₂₄₂	2002 07 10.7	19 19.24	-04 11.4	19.7	-0.89	- 3.9	6.4/13.4	11603
1998 EQ ₁₃	2002 07 10.3	19 17.38	-25 31.4	17.7	-1.13	- 3.5	1.4/09.9	31811	1998 SM ₅₅	2002 07 10.7	19 19.27	-27 00.5	19.0	-0.98	- 1.6	1.7/10.2	20705
1999 RT ₁₀₈	2002 07 10.3	19 17.38	-19 52.8	17.8	-1.11	+ 1.7	1.2/10.5	1455	2001 FT ₁₀₇	2002 07 10.7	19 19.28	-11 10.8	19.3	-0.87	+ 0.6	3.7/11.8	12074
2000 AH ₉₇	2002 07 10.3	19 17.46	-49 27.1	19.4	-1.46	+ 1.9	7.9/07.9	40435	1999 RS ₈₂	2002 07 10.7	19 19.29	-11 24.7	18.8	-1.01	- 1.8	4.4/12.0	12152
1999 RS ₁₆₅	2002 07 10.3	19 17.57	-19 36.0	19.0	-1.04	- 2.2	1.0/10.6	31861	2001 EE ₆	2002 07 10.7	19 19.46	-34 33.8	19.4	-0.94	- 2.0	4.3/09.3	16092
2000 YG ₄₇	2002 07 10.3	19 17.60	-19 48.8	19.7	-1.12	- 1.3	1.0/10.6	9493	2000 AR ₆₈	2002 07 10.7	19 19.48	-22 32.5	17.9	-1.02	- 5.2	0.2/10.7	2713
2001 FG ₁₄₁	2002 07 10.3	19 17.61	-07 50.5	18.7	-0.86	- 3.4	5.7/12.3	31945	2001 AU ₁₇	2002 07 10.8	19 19.39	-27 09.7	18.8	-1.05	+ 0.3	1.8/10.4	31934
2000 CK ₁₂₈	2002 07 10.3	19 17.64	-25 04.7	18.3	-0.88	- 0.2	1.1/10.1	19512	1999 VJ ₃₁	2002 07 10.8	19 19.45	-35 48.4	17.2	-1.13	- 6.8	6.2/08.3	31875
2000 DY ₁₅	2002 07 10.3	19 17.66	-24 41.9	19.0	-0.80	- 1.7	0.7/10.1	13658	1998 QO ₁	2002 07 10.8	19 19.47	-13 21.3	16.6	-0.85	- 6.0	3.9/12.3	31819
2001 FL ₁₇	2002 07 10.3	19 17.67	-20 00.1	18.4	-0.85	- 1.8	0.8/10.6	31942	2001 FZ ₄₄	2002 07 10.8	19 19.54	-20 09.8	19.6	-0.91	- 2.2	0.7/11.1	31943
1999 VK ₁₇	2002 07 10.3	19 17.68	-24 40.1	19.4	-1.02	- 1.3	0.9/10.1	12187	2000 CE ₉₉	2002 07 10.8	19 19.58	-19 03.2	19.0	-0.83	- 2.4	1.0/11.2	31899
1999 XG ₇₅	2002 07 10.4	19 17.83	-21 56.5	17.6	-0.99	- 4.0	0.1/10.5	31883	1992 EZ ₁₀	2002 07 10.8	19 19.62	-17 55.6	19.4	-0.66	- 1.6	1.0/11.4	14345
1999 TW ₂₇	2002 07 10.4	19 17.90	-22 27.0	18.2	-1.08	- 1.5	0.1/10.4	31865	2001 DZ	2002 07 10.8	19 19.63	-29 48.7	19.7	-1.08	- 1.2	2.9/10.0	11854
2001 FX ₁₇₆	2002 07 10.4	19 17.92	-24 43.2	19.3	-0.96	- 5.3	0.8/10.1	18315	2000 CS ₃₀	2002 07 10.8	19 19.75	-11 32.0	19.5	-0.76	- 3.4	3.1/12.4	17153
2001 ER ₁₄	2002 07 10.4	19 17.93	-15 35.9	19.2	-0.93	- 6.0	2.3/11.5	13821	2000 YB ₁₁₆	2002 07 10.8	19 19.77	-30 39.0	18.3	-1.10	+ 1.1	3.8/10.2	12265
2001 FD ₉₅	2002 07 10.4	19 17.97	+07 17.4	17.8	-0.74	- 5.3	10.0/16.3	31944	1998 SR ₁₃₁	2002 07 10.8	19 19.78	-35 43.2	18.1	-1.06	+ 0.2	5.5/09.5	31835
1998 SU	2002 07 10.4	19 18.04	-25 41.0	18.9	-0.91	- 2.0	1.3/10.0	25718	2001 AS ₄₃	2002 07 10.8	19 19.81	-01 30.4	17.8	-1.26	-16.6	10.3/15.0	20836
2000 AP ₄₇	2002 07 10.4	19 18.04	-23 41.5	18.0	-0.90	- 1.4	0.5/10.3	31889	2001 DL ₇₁	2002 07 10.8	19 19.84	-14 26.1	19.5	-0.89	- 3.4	2.8/12.0	13815
1999 TD ₁₂₁	2002 07 10.4	19 18.04	-11 08.5	18.8	-0.96	- 2.4	4.2/11.8	31868	1999 RR ₁₄₁	2002 07 10.8	19 19.84	-24 22.3	17.3	-0.98	- 0.5	1.3/10.7	31860

2001 DL ₇₃	2002 07 10.8	19 19.86	-26 22.6	19.0	-1.19	- 1.2	1.8/10.5	31940	1999 TD ₁₅	2002 07 11.2	19 21.18	+11 33.9	19.4	-0.97	+ 0.5	11.1/14.2	12942
2001 FH ₁₁₇	2002 07 10.8	19 19.87	-55 28.7	19.0	-1.45	- 2.0	10.4/06.1	13841	1999 TS ₉	2002 07 11.2	19 21.23	-34 46.0	16.3	-0.99	- 3.2	7.0/09.4	12162
2001 HE ₅₈	2002 07 10.8	19 19.88	-24 43.8	18.5	-0.92	- 4.5	0.9/10.5	13483	1998 TG ₂₈	2002 07 11.2	19 21.24	-39 55.5	19.3	-1.00	- 2.0	5.4/08.9	31246
2001 BC ₃₂	2002 07 10.8	19 19.88	-16 07.0	18.6	-1.01	- 4.6	2.5/11.8	31936	1997 GN ₁₃	2002 07 11.2	19 21.26	-35 47.1	19.4	-1.11	- 1.4	4.8/09.7	12858
1999 RF ₁₆₅	2002 07 10.8	19 19.90	-16 00.1	18.8	-1.07	- 1.4	2.7/11.5	12156	2000 DS ₆₄	2002 07 11.2	19 21.26	-22 13.0	19.0	-0.82	- 1.3	0.0/11.2	31900
1999 XP ₅₅	2002 07 10.9	19 19.84	-15 59.4	18.2	-0.96	0.0	2.4/11.5	14799	2000 DS ₇₆	2002 07 11.2	19 21.28	-26 33.4	18.9	-0.79	- 0.8	1.2/10.7	40468
1982 YM ₁	2002 07 10.9	19 19.84	-31 43.0	18.7	-1.00	- 3.7	2.9/09.6	31800	1999 TU ₄₃	2002 07 11.2	19 21.34	-29 01.7	20.5	-1.10	- 1.4	2.5/10.5	12947
2000 AD ₁₈₇	2002 07 10.9	19 19.88	-20 31.8	18.3	-0.96	- 7.0	0.6/11.2	14391	1998 MD	2002 07 11.2	19 21.39	-22 04.0	17.0	-1.06	+ 1.8	0.0/11.3	31817
1998 MJ ₃₅	2002 07 10.9	19 19.89	-21 49.6	16.2	-1.05	+ 5.3	0.2/10.9	31818	1999 XS ₅₃	2002 07 11.2	19 21.45	-19 03.6	20.1	-1.03	- 2.1	1.2/11.6	12209
2000 AL ₁₅₀	2002 07 10.9	19 19.91	-12 47.2	19.1	-0.89	0.0	3.1/11.8	27658	2001 FY ₂₁	2002 07 11.2	19 21.49	-37 18.1	18.0	-0.97	- 3.7	5.2/09.0	31942
2000 YU ₆₈	2002 07 10.9	19 19.91	-22 35.1	17.9	-1.13	- 0.4	0.2/10.9	31931	1999 XK ₁₅₈	2002 07 11.2	19 21.51	-23 57.5	18.4	-0.99	- 5.6	0.8/11.0	31885
2001 EE ₂₂	2002 07 10.9	19 19.97	-16 47.3	19.5	-0.94	- 1.6	2.0/11.6	16092	2000 AZ ₃₁	2002 07 11.3	19 21.46	-30 16.7	18.9	-1.01	- 0.1	2.7/10.5	25768
1997 ER ₃₃	2002 07 10.9	19 19.98	-24 20.4	18.8	-1.03	- 3.0	0.8/10.7	13551	1999 TE ₁₃₈	2002 07 11.3	19 21.47	-35 37.5	18.4	-1.14	- 1.0	6.4/09.8	12172
2001 FQ ₁₄₇	2002 07 10.9	19 19.99	-16 29.5	18.4	-0.89	+ 0.9	2.0/11.4	31945	2001 FS ₅₂	2002 07 11.3	19 21.47	-39 17.1	20.0	-1.11	- 1.1	5.6/09.4	13831
1999 XT	2002 07 10.9	19 20.08	-32 23.0	17.3	-1.15	- 7.4	5.3/09.1	31880	2001 BS ₆₃	2002 07 11.3	19 21.47	-16 33.8	18.6	-1.03	- 2.5	2.3/12.0	12280
2001 DH ₂₆	2002 07 10.9	19 20.18	-14 28.3	16.9	-0.79	- 8.4	3.7/12.5	31940	2001 BU ₁	2002 07 11.3	19 21.47	-22 25.1	19.4	-1.13	- 1.2	0.1/11.3	13805
1998 FF ₄	2002 07 10.9	19 20.19	-19 13.3	17.8	-1.03	- 5.3	1.2/11.4	31811	2000 BF ₁₇	2002 07 11.3	19 21.52	-27 51.0	18.9	-0.98	- 0.8	2.0/10.7	31895
1999 TE ₁₄₀	2002 07 10.9	19 20.19	-33 00.4	17.7	-1.08	- 1.3	5.1/09.8	9197	2001 HP ₃₄	2002 07 11.3	19 21.55	-05 30.1	19.0	-0.76	- 0.6	4.6/13.2	14432
2000 BX ₁₇	2002 07 10.9	19 20.21	-21 03.2	18.8	-0.93	- 5.7	0.4/11.2	29209	1999 XY ₁₅₈	2002 07 11.3	19 21.59	-15 14.6	18.1	-0.89	- 1.3	2.6/12.1	31885
2001 CC ₁₁	2002 07 10.9	19 20.21	-21 23.9	18.7	-0.96	- 5.6	0.3/11.1	11841	1999 VP ₁₂	2002 07 11.3	19 21.63	-17 30.6	18.3	-0.97	- 2.5	1.7/11.9	31874
1999 TY ₁₄₀	2002 07 10.9	19 20.22	-32 16.3	18.0	-1.07	- 1.8	4.0/09.8	12173	1998 QO ₈₅	2002 07 11.3	19 21.70	-27 53.5	16.3	-1.08	+ 5.1	2.6/11.2	27608
1997 FA ₅	2002 07 11.0	19 20.21	-14 37.6	19.1	-0.92	- 2.4	3.0/12.0	31809	1999 UX ₉	2002 07 11.3	19 21.73	-03 35.2	18.7	-1.23	+ 7.7	7.9/11.1	38811
2000 ES ₁₂₀	2002 07 11.0	19 20.21	-45 45.1	19.3	-1.07	0.0	6.6/08.4	40490	2002 LH ₃₁	2002 07 11.3	19 21.79	-16 55.7	18.0	-0.62	+ 3.4	3.1/11.7	31784
2001 FM ₄₆	2002 07 11.0	19 20.27	-45 44.7	18.5	-1.09	- 1.7	8.2/07.8	31943	2000 AJ ₁₉₂	2002 07 11.3	19 21.82	-08 59.0	19.0	-0.88	- 4.4	4.4/13.3	23513
2000 AA ₁₀₂	2002 07 11.0	19 20.29	-22 31.7	17.3	-1.04	- 6.0	0.2/11.0	31891	2001 AR ₄₇	2002 07 11.3	19 21.83	-59 11.1	19.0	-1.61	- 4.2	12.5/05.3	13805
1999 YS ₂₃	2002 07 11.0	19 20.35	-18 32.1	20.3	-1.04	- 2.3	1.5/11.4	15054	1999 WE ₁₃	2002 07 11.3	19 21.84	-17 39.4	18.9	-1.01	- 0.4	2.1/11.8	37852
2001 CO ₂₆	2002 07 11.0	19 20.37	-36 45.7	18.1	-1.30	- 3.1	6.5/09.1	13811	2000 CL ₆₂	2002 07 11.3	19 21.85	+00 10.4	18.4	-0.75	- 2.5	6.7/14.4	31898
2000 AO ₂₈	2002 07 11.0	19 20.38	-23 57.9	19.7	-0.86	- 2.5	0.6/10.8	19473	1998 WV	2002 07 11.3	19 21.85	-33 16.8	19.0	-0.88	- 3.5	3.2/09.7	31844
1998 MD ₁₇	2002 07 11.0	19 20.39	-27 37.4	20.2	-1.07	+ 1.3	1.9/10.6	12869	1999 VH ₁₇₈	2002 07 11.3	19 21.86	-33 42.0	19.4	-1.13	- 5.0	4.3/09.6	13006
1999 VL ₁₆	2002 07 11.0	19 20.41	-26 21.0	20.8	-1.06	- 1.2	1.8/10.6	11631	2001 BN ₁₅	2002 07 11.3	19 21.86	-28 19.6	19.3	-1.04	- 0.8	2.2/10.7	13805
2000 WZ ₄	2002 07 11.0	19 20.42	-17 23.6	17.7	-1.42	+ 9.5	2.4/11.0	9866	2001 BW ₅₃	2002 07 11.3	19 21.87	-13 39.1	19.0	-1.06	- 2.9	3.6/12.4	12278
2000 YX ₁₂₈	2002 07 11.0	19 20.48	-27 36.7	17.9	-1.08	- 4.0	2.8/10.3	31933	1999 RQ ₁₇₀	2002 07 11.3	19 21.90	-29 45.2	18.6	-1.14	- 1.2	2.8/10.6	31861
1999 XP ₉₁	2002 07 11.0	19 20.55	-22 47.4	18.4	-0.92	- 2.7	0.2/11.0	31883	1999 VA ₂₈	2002 07 11.3	19 21.92	-09 54.3	18.7	-0.99	+ 0.7	5.2/12.4	38107
2001 DZ ₁₈	2002 07 11.0	19 20.57	-33 37.8	19.2	-1.00	- 2.2	3.8/09.7	13813	1999 TD ₃₂₀	2002 07 11.4	19 21.90	-26 56.4	19.3	-1.10	0.0	1.9/11.0	13616
1999 TR ₆₅	2002 07 11.0	19 20.59	-24 07.3	19.6	-1.06	- 1.9	0.7/10.9	11576	1995 XT ₁	2002 07 11.4	19 21.99	-20 56.4	19.3	-0.98	- 0.9	0.4/11.6	40310
6729 P-L	2002 07 11.0	19 20.61	-50 40.2	19.4	-1.23	+ 0.5	9.8/08.2	13874	2001 HW ₄₁	2002 07 11.4	19 21.99	-00 20.0	18.8	-0.84	- 2.5	7.4/14.5	13465
1999 VP ₂₀₄	2002 07 11.0	19 20.63	-20 11.8	18.8	-0.97	- 1.1	0.9/11.3	31879	1999 XB ₈₉	2002 07 11.4	19 22.00	-15 13.4	17.9	-0.88	+ 0.9	2.4/12.0	31883
2001 BT ₆₇	2002 07 11.0	19 20.69	-27 28.8	19.5	-1.02	- 1.6	2.0/10.5	12281	2001 EX ₁₁	2002 07 11.4	19 22.11	-22 32.8	19.6	-0.97	- 2.7	0.2/11.4	13820
1999 XH ₂₇	2002 07 11.1	19 20.66	-38 18.5	18.4	-1.12	- 5.7	5.9/08.4	13629	1999 UA ₁₄	2002 07 11.4	19 22.11	-24 08.2	19.3	-1.06	- 3.3	0.8/11.2	18216
1999 VC ₃₈	2002 07 11.1	19 20.69	-21 01.7	18.8	-1.08	- 1.6	0.5/11.2	40394	2000 AF ₈₄	2002 07 11.4	19 22.15	-16 41.3	19.1	-0.89	- 1.3	1.9/12.1	30346
1998 QC ₆₈	2002 07 11.1	19 20.71	-17 47.3	18.7	-1.03	+ 3.1	1.8/11.4	31235	1999 XD ₂₅	2002 07 11.4	19 22.26	-19 13.9	18.7	-1.05	- 2.5	1.1/11.8	31307
1999 TF ₉₆	2002 07 11.1	19 20.72	-33 48.4	19.7	-1.19	- 3.5	4.6/09.5	2661	2000 DP ₇₁	2002 07 11.4	19 22.29	-20 10.6	19.1	-0.78	- 1.6	0.5/11.7	31900
2001 CO ₂₇	2002 07 11.1	19 20.80	-27 09.1	17.3	-0.98	-10.0	2.2/10.1	31395	2001 CG ₃₀	2002 07 11.4	19 22.30	-26 44.3	18.7	-1.07	- 5.3	1.9/10.8	10779
2001 CN	2002 07 11.1	19 20.83	-10 30.1	16.9	-1.25	-18.1	5.4/14.0	31937	2001 FV ₇₅	2002 07 11.4	19 22.31	-01 10.9	18.1	-0.85	- 5.6	8.6/15.0	31944
2000 AF ₃₄	2002 07 11.1	19 20.99	-27 28.1	19.1	-1.04	- 1.9	1.9/10.5	19474	1998 QC ₄₁	2002 07 11.4	19 22.34	-33 09.0	16.9	-1.08	+ 2.1	4.7/10.7	30274
2001 BN ₆₈	2002 07 11.1	19 21.07	-21 40.0	19.3	-1.09	- 4.1	0.2/11.2	12281	1999 XZ ₁₁	2002 07 11.5	19 22.27	-26 28.6	19.0	-1.11	+ 0.2	1.8/11.1	686
1999 VT ₆₂	2002 07 11.1	19 21.09	-36 33.5	19.9	-1.10	- 3.4	4.9/09.2	13622	1998 OC ₁₄	2002 07 11.5	19 22.39	-11 43.2	18.2	-0.88	- 4.7	3.5/13.1	31818
2001 HU ₄₅	2002 07 11.2	19 21.02	-28 54.5	18.4	-0.91	- 5.2	2.3/10.1	31947	1993 FP ₂₉	2002 07 11.5	19 22.47	-00 03.4	16.8	-0.89	- 1.7	8.6/14.6	31803
2000 BP ₄₈	2002 07 11.2	19 21.10	-20 43.6	22.6	-0.85	- 2.0	0.4/11.4	12235	2000 AW ₁₀₃	2002 07 11.5	19 22.59	-25 56.8	17.4	-0.98	- 9.7	1.6/10.8	31891
2001 FK ₁₃₀	2002 07 11.2	19 21.11	-20 24.5	20.1	-1.02	- 1.4	0.6/11.4	13843	2001 CF ₇	2002 07 11.5	19 22.66	-19 00.2	20.0	-1.06	- 4.5	1.2/12.0	12285
2001 FQ ₈₆	2002 07 11.2	19 21.18	-20 27.3	18.8	-0.94	- 3.9	0.5/11.5	13837	1999 RF ₁₆₁	2002 07 11.5	19 22.69	-23 25.5	17.8	-1.15	+ 0.5	0.6/11.5	31861

2001 BR ₁₀	2002 07 11.6	19 22.68 -62 08.8 18.2	-2.09 + 2.5	20.8/07.2	27188	2000 DL ₈₇	2002 07 12.0	19 24.44 -19 03.6 17.9	-0.83 - 5.2	1.0/12.5	31901
2001 FX ₄₁	2002 07 11.6	19 22.71 -39 43.1 17.7	-1.01 - 0.8	6.6/09.5	13829	2000 CL ₅₅	2002 07 12.0	19 24.48 -08 36.7 19.5	-0.81 - 2.7	4.2/13.9	31898
1999 XO ₁₃₃	2002 07 11.6	19 22.74 -32 30.1 18.1	-1.01 + 1.2	3.3/10.7	<i>38850</i>	1999 TD ₃	2002 07 12.0	19 24.51 -15 25.1 19.2	-0.97 - 1.8	2.3/12.8	13609
1998 RY ₅₈	2002 07 11.6	19 22.85 -21 57.5 19.4	-0.95 - 1.4	0.0/11.7	31826	1999 VG ₁₇	2002 07 12.0	19 24.54 -21 23.5 17.8	-1.01 - 1.0	0.3/12.1	31874
1999 TB ₆₄	2002 07 11.6	19 22.89 -27 25.3 21.0	-1.14 - 1.8	2.1/11.0	2661	2001 HL ₄₈	2002 07 12.0	19 24.56 -18 51.3 18.2	-1.02 + 2.4	1.1/12.3	31947
2001 FY ₇₃	2002 07 11.6	19 22.97 -45 49.2 20.6	-1.11 - 0.5	7.3/09.1	12048	1998 UT ₂₁	2002 07 12.0	19 24.57 -36 00.7 19.2	-1.05 - 4.0	5.3/09.8	10873
1998 SO ₃₂	2002 07 11.6	19 22.98 -14 21.7 19.5	-0.87 - 2.8	2.7/12.7	13578	1998 HR ₈₈	2002 07 12.0	19 24.62 -18 17.9 18.6	-1.06 - 1.7	1.5/12.5	31815
2001 KM ₉	2002 07 11.6	19 23.10 +00 50.2 19.3	-0.74 - 0.5	6.4/14.4	31948	2001 FU ₅₀	2002 07 12.0	19 24.68 -28 27.9 18.0	-0.88 - 1.1	2.3/11.3	31943
2001 EG ₁₂	2002 07 11.6	19 23.13 -25 14.9 20.4	-0.98 - 2.9	1.0/11.3	15095	1998 XF ₂	2002 07 12.0	19 24.79 -33 42.4 19.1	-0.96 - 5.2	4.2/10.1	25721
2001 FC ₆₂	2002 07 11.7	19 23.07 -14 01.0 18.3	-0.93 - 3.8	3.2/12.8	12031	1999 XL ₉₆	2002 07 12.1	19 24.71 -34 49.0 18.5	-1.04 - 4.4	4.2/10.1	14381
1999 XY ₁₂	2002 07 11.7	19 23.19 -19 54.7 19.2	-0.95 - 4.2	0.7/12.0	<i>38132</i>	1999 VO ₃₇	2002 07 12.1	19 24.73 -38 17.1 18.4	-1.11 - 5.9	5.9/09.2	12985
1997 SY ₃₁	2002 07 11.7	19 23.19 -34 15.7 18.6	-0.95 - 0.2	4.1/10.4	31810	2001 DF ₂₈	2002 07 12.1	19 24.84 -21 24.5 18.5	-0.95 - 4.1	0.2/12.2	17553
2001 EJ ₃	2002 07 11.7	19 23.19 -38 18.1 19.5	-1.12 + 0.7	5.3/10.2	13268	1999 XP ₁₇₂	2002 07 12.1	19 24.85 -35 52.2 18.0	-1.08 - 8.8	6.0/09.2	17106
5077 T-3	2002 07 11.7	19 23.20 -06 22.9 19.4	-0.77 - 3.1	4.5/14.0	26187	1998 RK ₆₄	2002 07 12.1	19 24.94 -25 08.8 19.2	-1.01 - 2.0	1.3/11.8	20704
2001 CU ₂	2002 07 11.7	19 23.27 -27 48.6 19.1	-1.11 - 2.8	2.4/11.0	12283	1999 WP ₂	2002 07 12.1	19 24.94 -28 00.4 19.8	-1.01 - 3.4	1.9/11.3	<i>40401</i>
1999 TD ₁₁	2002 07 11.7	19 23.28 -24 41.7 19.0	-1.03 - 1.8	0.9/11.4	<i>40378</i>	1997 GG ₁₇	2002 07 12.1	19 24.98 -11 07.8 17.6	-0.90 - 0.8	4.7/13.4	31809
1999 RQ ₁₆₂	2002 07 11.7	19 23.44 -23 37.8 19.1	-1.15 - 0.1	0.7/11.6	11548	1978 VO ₁₀	2002 07 12.1	19 24.98 -30 19.3 20.5	-1.03 - 4.0	2.8/10.9	9008
1999 RZ ₁₄₁	2002 07 11.7	19 23.45 -28 23.4 18.8	-1.12 - 2.2	2.5/11.0	31860	1994 VP ₂	2002 07 12.1	19 24.98 -43 52.1 19.8	-1.18 - 3.6	7.3/08.6	16721
2001 AQ ₁₈	2002 07 11.7	19 23.47 -41 13.5 17.0	-1.21 + 0.6	7.3/09.9	13804	2666 P-L	2002 07 12.1	19 25.03 -14 49.8 19.8	-0.99 - 2.7	2.8/13.0	<i>32536</i>
1999 TE ₁₉	2002 07 11.8	19 23.48 -20 43.7 19.7	-1.09 + 0.3	0.5/11.9	13610	1995 DN ₇	2002 07 12.1	19 25.06 -30 52.9 18.4	-0.90 - 1.2	3.0/11.1	13542
2001 FA ₁₇₀	2002 07 11.8	19 23.50 -36 49.4 18.6	-1.18 + 2.0	5.5/10.7	16094	2000 AO ₁₁₁	2002 07 12.1	19 25.07 -12 50.8 17.8	-0.88 - 7.0	3.4/13.8	31891
1999 TM ₂₁₀	2002 07 11.8	19 23.53 -34 35.2 19.4	-1.07 0.0	3.9/10.5	17053	2001 DS ₇	2002 07 12.2	19 25.18 -14 47.8 18.8	-1.00 - 4.5	3.0/13.3	13813
2002 JJ ₁₄₆	2002 07 11.8	19 23.59 -28 20.1 17.9	-1.02 - 7.1	2.5/10.7	31753	1998 VR ₅₅	2002 07 12.2	19 25.18 -39 00.3 20.3	-0.95 - 2.5	4.7/09.8	16872
1995 PA	2002 07 11.8	19 23.60 -26 59.0 18.1	-1.11 - 3.7	2.2/11.1	<i>40308</i>	2000 DJ ₂₉	2002 07 12.2	19 25.20 -09 33.7 19.4	-0.77 - 4.0	3.8/14.2	19517
2001 BD ₁₃	2002 07 11.8	19 23.66 -16 56.0 19.3	-0.96 - 4.0	2.0/12.6	11031	2001 CJ ₂₇	2002 07 12.2	19 25.24 -38 03.3 20.1	-1.24 + 0.4	6.0/10.8	11844
1999 TD ₄₆	2002 07 11.8	19 23.66 -26 47.3 19.5	-1.06 - 2.2	1.7/11.3	13611	2001 EJ ₂	2002 07 12.2	19 25.24 -14 48.8 19.3	-0.92 - 5.8	2.3/13.4	12306
1998 DF ₃₅	2002 07 11.8	19 23.69 -24 33.6 18.5	-1.12 - 2.2	1.1/11.6	10845	1999 XU ₂₉	2002 07 12.2	19 25.24 -26 42.9 17.8	-0.94 - 6.1	1.6/11.4	13629
2001 FX ₃₀	2002 07 11.8	19 23.69 -25 29.7 19.5	-1.09 - 2.9	1.3/11.4	11991	1999 XF ₁₇₈	2002 07 12.2	19 25.26 -27 47.1 19.0	-0.92 + 1.4	1.6/11.7	<i>39565</i>
2001 FA ₁₃₂	2002 07 11.8	19 23.72 -18 17.8 18.6	-0.85 + 0.6	1.3/12.2	31410	1998 QE ₈₂	2002 07 12.2	19 25.28 -05 57.7 18.7	-0.93 + 1.1	6.4/13.5	30275
2000 AT ₁₂₀	2002 07 11.8	19 23.79 -13 53.8 18.3	-0.93 - 1.3	3.1/12.8	31891	1999 VE ₁₀₂	2002 07 12.2	19 25.31 -08 31.7 19.7	-0.89 - 5.0	4.6/14.4	14151
2000 AD ₇₄	2002 07 11.8	19 23.79 -17 12.5 19.1	-1.00 - 3.3	1.7/12.5	1561	2001 FD ₄₆	2002 07 12.2	19 25.32 -14 38.8 20.1	-0.90 - 2.4	2.4/13.2	13830
1998 UJ ₂₁	2002 07 11.8	19 23.87 -12 03.4 17.5	-0.90 + 0.5	4.1/12.8	31840	1998 QR ₅₃	2002 07 12.2	19 25.32 -31 24.6 17.8	-1.04 - 0.2	3.2/11.2	31821
2001 BO ₇₁	2002 07 11.8	19 23.88 -21 48.6 19.8	-1.04 - 2.6	0.1/11.9	13809	1999 RE ₁₈₁	2002 07 12.2	19 25.34 -35 40.7 18.6	-1.17 - 1.4	4.8/10.7	31861
1999 XN ₁₀₄	2002 07 11.9	19 23.91 -01 07.7 17.9	-1.34 +12.8	10.0/10.3	<i>38152</i>	2000 SS ₄₂	2002 07 12.2	19 25.38 -60 50.9 19.3	-2.17 - 1.4	17.4/06.7	13744
1999 VW ₃₇	2002 07 11.9	19 23.99 -15 06.9 19.4	-0.96 - 0.3	2.4/12.6	<i>38110</i>	2001 DQ ₁₀₆	2002 07 12.2	19 25.39 +00 54.3 18.7	-0.74 - 4.6	7.6/16.3	17566
1999 XA ₂₈	2002 07 11.9	19 24.02 -17 45.3 19.4	-0.95 - 0.9	1.4/12.4	13629	1999 TD ₂₅₁	2002 07 12.2	19 25.41 -41 38.4 17.4	-1.23 + 2.0	8.6/10.8	12178
2001 BO ₅₄	2002 07 11.9	19 24.07 -29 01.7 19.1	-1.15 + 0.2	2.9/11.3	12278	1999 RN ₉₀	2002 07 12.2	19 25.48 -29 50.3 18.4	-1.14 - 3.8	3.9/11.1	10376
1998 UD ₃₈	2002 07 11.9	19 24.17 -35 38.7 18.2	-1.04 - 4.7	5.4/09.7	12144	1999 TU ₁₂₁	2002 07 12.3	19 25.52 -33 15.2 18.5	-1.14 - 1.8	4.2/10.9	13612
2000 WV ₄₈	2002 07 11.9	19 24.18 -15 45.1 18.7	-1.03 - 2.7	2.3/12.8	12253	2001 HU ₅₈	2002 07 12.3	19 25.53 -17 31.4 18.8	-0.87 + 0.4	1.5/12.7	31947
1999 XM ₄₄	2002 07 11.9	19 24.19 -20 29.8 19.1	-0.99 - 1.3	0.6/12.1	1550	1999 RO ₁₅₀	2002 07 12.3	19 25.54 -18 32.8 19.0	-1.10 - 3.4	1.5/12.8	12934
1999 XV ₁₅₇	2002 07 11.9	19 24.20 -19 15.4 19.1	-1.01 - 2.9	1.1/12.3	31885	1999 VN ₁₈₄	2002 07 12.3	19 25.55 -37 09.1 21.1	-1.04 - 2.9	4.5/10.2	17085
1996 TF ₁₈	2002 07 11.9	19 24.20 -32 34.6 19.3	-1.18 - 2.2	4.5/10.7	9684	1995 GC ₃	2002 07 12.3	19 25.58 -32 40.0 19.3	-1.06 - 5.9	5.8/10.4	9679
2000 WN ₆	2002 07 11.9	19 24.22 -40 13.4 19.5	-1.30 - 7.3	5.8/08.7	13796	1998 RL ₄₈	2002 07 12.3	19 25.59 -16 54.0 18.5	-0.90 - 1.2	2.1/12.9	30279
1999 TA ₂₉₁	2002 07 11.9	19 24.24 +03 08.1 17.4	-0.86 - 0.6	10.5/15.3	31872	1999 WV ₂	2002 07 12.3	19 25.60 -21 25.8 17.9	-0.90 - 4.8	0.2/12.4	31880
2001 DD ₉₀	2002 07 11.9	19 24.26 -19 32.9 20.5	-1.01 - 2.9	0.9/12.3	17564	1999 WS ₁₁	2002 07 12.3	19 25.60 -31 01.3 18.4	-1.10 - 3.3	4.6/11.0	7515
1998 SJ ₈₁	2002 07 11.9	19 24.27 -26 40.9 19.6	-0.95 - 2.0	1.6/11.4	11515	1998 OX ₁₀	2002 07 12.3	19 25.63 -23 45.1 18.1	-0.95 0.0	0.8/12.1	31818
1999 XZ ₂₅₀	2002 07 11.9	19 24.36 -22 45.2 19.4	-0.94 - 1.1	0.3/11.9	3923	2001 FP ₈₂	2002 07 12.3	19 25.68 -20 15.6 18.8	-0.91 - 3.9	0.6/12.6	31944
1999 TK ₁₅₂	2002 07 12.0	19 24.29 -13 11.7 18.0	-1.02 - 1.9	4.0/13.0	31869	2000 WS ₁₆₉	2002 07 12.3	19 25.71 -21 46.6 17.3	-1.13 - 2.2	0.1/12.4	31927
2001 EX ₆	2002 07 12.0	19 24.30 -27 37.5 19.5	-1.13 - 2.5	2.1/11.3	14419	2000 XV ₄₁	2002 07 12.3	19 25.73 -27 45.2 16.4	-1.39 + 7.7	2.2/12.3	31366
2001 AF ₄₉	2002 07 12.0	19 24.40 -31 01.0 18.5	-1.11 - 5.4	4.3/10.6	9613	1998 RJ ₃₆	2002 07 12.3	19 25.75 -19 33.9 18.3	-0.89 - 0.1	1.2/12.6	31825
1999 XM ₂₁₃	2002 07 12.0	19 24.41 -08 30.0 19.5	-0.90 - 1.9	4.9/13.7	14384	1998 QH ₉₀	2002 07 12.3	19 25.79 -17 46.9 18.0	-1.02 + 2.9	1.7/12.6	31822

2001 FN ₄₉	2002 07 12.3	19 25.80	-42 19.2	17.4	-1.09	+ 0.3	7.1/10.1	31943	2002 LJ ₂₀	2002 07 12.7	19 27.24	-30 17.7	19.0	-0.95	- 3.1	3.9/11.5	31779
1999 TP ₂₂₀	2002 07 12.3	19 25.83	-30 08.3	19.1	-1.15	- 0.1	3.4/11.5	12962	2000 AS ₇₁	2002 07 12.7	19 27.25	-28 36.2	17.7	-1.00	- 6.6	2.3/11.5	31890
2000 AU ₁₀₁	2002 07 12.3	19 25.85	-22 47.7	18.9	-1.04	- 3.7	0.3/12.3	1562	1998 OE ₁₂	2002 07 12.7	19 27.27	-22 44.4	18.0	-0.92	- 5.5	0.4/12.6	25714
1998 RF ₁₇	2002 07 12.3	19 25.95	-21 24.0	17.5	-0.92	- 0.3	0.3/12.5	31824	2000 DM ₇₆	2002 07 12.7	19 27.27	-19 16.5	19.5	-0.78	- 1.6	0.7/13.1	31901
1998 XQ ₆₈	2002 07 12.3	19 25.98	-24 14.1	17.8	-0.94	+ 1.1	0.7/12.2	31847	1999 VR ₅₁	2002 07 12.7	19 27.33	-31 20.4	18.8	-1.17	- 2.0	4.4/11.5	17072
1999 TD ₂₁₀	2002 07 12.3	19 25.99	-36 02.6	19.6	-1.15	- 0.2	4.8/10.9	17053	1998 QG ₅₅	2002 07 12.7	19 27.43	-35 11.9	18.8	-1.14	- 0.9	4.5/11.1	25716
1999 XU ₁₆₂	2002 07 12.4	19 25.95	-21 00.8	20.4	-0.95	- 2.6	0.3/12.5	23511	2001 DE ₃₄	2002 07 12.7	19 27.47	-31 41.9	19.3	-1.15	- 1.8	3.7/11.6	13814
2000 AK ₅₆	2002 07 12.4	19 25.96	-21 48.7	18.1	-0.88	- 4.3	0.1/12.4	31889	1999 VK ₃₂	2002 07 12.7	19 27.52	-19 51.1	17.7	-0.91	- 1.9	1.0/13.0	31875
2000 AM ₆₅	2002 07 12.4	19 26.02	-23 00.7	19.2	-0.82	- 3.5	0.3/12.3	40432	1997 EZ ₃₈	2002 07 12.7	19 27.53	-26 48.5	19.3	-1.09	- 0.6	1.7/12.3	11484
1999 VX ₃	2002 07 12.4	19 26.05	-02 08.3	18.9	-0.88	- 0.2	7.6/15.0	13618	1994 WJ ₃	2002 07 12.7	19 27.56	-31 50.8	18.4	-1.01	- 5.7	3.3/11.0	13542
2000 YF ₁₂₁	2002 07 12.4	19 26.12	-20 28.4	17.2	-1.14	+ 1.5	0.7/12.6	31933	2001 EV ₂₃	2002 07 12.8	19 27.56	-21 08.0	21.0	-0.88	- 1.8	0.3/12.9	13822
1999 RD ₁₀₆	2002 07 12.4	19 26.13	-12 30.5	18.5	-1.04	- 0.5	4.6/13.4	40364	1999 VX ₁₃₃	2002 07 12.8	19 27.65	-14 36.2	19.6	-0.94	- 1.0	2.6/13.7	13624
1999 VQ ₃₈	2002 07 12.4	19 26.17	-24 27.5	19.7	-1.05	- 3.7	1.1/12.1	6961	1999 XT ₁₄₂	2002 07 12.8	19 27.71	-18 19.7	16.9	-1.15	+ 6.7	1.3/12.9	31312
3009 P-L	2002 07 12.4	19 26.17	-25 51.2	19.3	-0.93	+ 0.6	1.3/12.1	34264	2000 AE ₃₈	2002 07 12.8	19 27.76	-25 37.6	17.1	-0.99	-10.2	1.6/12.0	31889
2001 AU ₄₆	2002 07 12.4	19 26.20	-58 58.2	19.3	-1.94	-12.1	17.7/01.1	9612	2000 EP ₈	2002 07 12.8	19 27.81	-20 21.2	19.6	-0.81	- 2.2	0.5/13.1	23516
1995 UG ₇	2002 07 12.4	19 26.23	-34 05.1	17.0	-1.07	- 3.1	5.6/10.7	31806	1999 RG ₂₂₅	2002 07 12.8	19 27.93	-27 00.2	17.9	-1.19	- 0.3	2.3/12.4	31863
2001 FN ₅	2002 07 12.4	19 26.25	-57 55.2	19.2	-1.54	+ 0.9	11.6/08.5	13279	2000 YR ₁₁₃	2002 07 12.8	19 27.94	-27 31.6	17.7	-1.09	+ 2.1	2.8/12.5	31932
2001 BZ ₇₅	2002 07 12.4	19 26.26	-14 28.8	18.3	-0.93	- 0.6	3.1/13.3	31937	1998 QR ₁₀₀	2002 07 12.8	19 27.95	-19 21.5	17.3	-0.87	- 4.5	1.2/13.3	31823
2000 CC ₁₁₀	2002 07 12.4	19 26.27	-21 13.0	20.9	-0.82	- 1.8	0.2/12.6	2372	1999 TL ₄	2002 07 12.8	19 27.98	-31 48.9	18.5	-1.13	- 2.0	3.9/11.6	13609
1999 XG ₁₇₅	2002 07 12.4	19 26.37	-30 03.7	18.6	-0.87	- 5.8	2.4/11.1	31886	2000 BS ₃₈	2002 07 12.8	19 28.03	-18 06.8	18.6	-0.89	- 4.7	1.6/13.5	4552
1998 VJ ₄	2002 07 12.4	19 26.39	-37 18.1	19.4	-0.96	- 3.2	5.3/10.2	16024	1999 YQ ₆	2002 07 12.9	19 27.95	-38 13.5	18.5	-1.15	- 0.1	5.6/11.1	15652
1999 TF ₁₁₄	2002 07 12.4	19 26.42	-31 22.2	19.2	-1.18	- 2.0	3.8/11.3	11582	2001 DK ₂₉	2002 07 12.9	19 27.96	-27 28.8	18.7	-1.02	- 2.7	2.2/12.2	11873
1998 WL ₁₀	2002 07 12.5	19 26.34	-15 49.3	19.3	-0.79	- 1.8	1.8/13.3	31845	2001 DG ₇₀	2002 07 12.9	19 27.98	-04 24.5	19.5	-0.87	- 4.9	6.2/15.9	13815
1999 XS ₂₁₃	2002 07 12.5	19 26.39	-04 44.2	18.7	-0.81	+ 0.2	5.2/14.5	31887	1999 XU ₁₆₃	2002 07 12.9	19 28.00	-22 51.2	18.2	-0.81	- 5.6	0.3/12.7	31885
2001 FT ₁₅	2002 07 12.5	19 26.47	-40 31.4	21.0	-1.17	- 1.1	6.0/10.4	15096	1998 RO ₇₁	2002 07 12.9	19 28.07	-32 26.5	19.7	-1.01	- 2.2	4.0/11.5	30281
1999 XG ₁₆₈	2002 07 12.5	19 26.52	-25 28.6	18.1	-1.13	- 2.1	1.5/12.1	40422	2001 FH ₂₇	2002 07 12.9	19 28.12	-34 02.9	18.8	-1.09	+ 0.8	4.6/11.8	16093
2001 FW ₁₄₁	2002 07 12.5	19 26.58	-19 05.4	18.7	-0.88	- 2.5	1.1/12.9	31945	1998 QK ₈₃	2002 07 12.9	19 28.19	-04 09.5	18.0	-0.86	- 1.1	6.3/15.2	31822
2000 CQ ₂₃	2002 07 12.5	19 26.62	-21 42.5	18.6	-0.82	- 0.4	0.1/12.6	31896	1998 XN ₂₁	2002 07 12.9	19 28.23	-21 26.8	18.1	-0.82	- 2.3	0.1/13.0	31847
2000 AU ₁₂₀	2002 07 12.5	19 26.63	-12 40.8	19.5	-0.86	- 3.6	3.1/13.9	26928	2001 HX ₄₃	2002 07 12.9	19 28.25	-31 11.1	18.8	-1.07	- 2.6	3.3/11.7	31947
2000 CP ₁₉	2002 07 12.5	19 26.64	-20 15.9	18.6	-0.88	+ 0.4	0.6/12.7	19499	1987 DA ₇	2002 07 12.9	19 28.36	-24 27.9	17.5	-1.33	- 0.7	1.1/12.7	31801
1999 WR ₁₆	2002 07 12.5	19 26.77	-19 31.4	19.7	-1.08	- 1.6	1.0/12.9	686	1999 XQ ₂₁₂	2002 07 12.9	19 28.41	-23 02.3	19.2	-1.07	- 6.7	0.4/12.8	1558
2000 AW ₁₅₂	2002 07 12.5	19 26.79	-14 54.3	18.6	-1.04	+ 4.6	2.4/12.9	20746	1999 TR ₂₃₉	2002 07 12.9	19 28.43	-23 19.5	19.2	-0.97	- 4.1	0.5/12.8	13615
1999 RS ₈₇	2002 07 12.5	19 26.80	-27 53.8	19.8	-1.17	- 2.2	2.4/11.9	40361	1999 RA ₁₃₉	2002 07 12.9	19 28.44	-15 23.3	17.8	-1.08	- 1.0	3.1/13.7	31860
2001 FD ₄₉	2002 07 12.6	19 26.78	-35 12.8	17.7	-0.99	+ 0.1	4.5/11.2	30453	1999 TM ₂₄₇	2002 07 12.9	19 28.44	-23 34.0	18.6	-1.01	- 3.9	0.6/12.8	13615
1999 VV ₁₅₈	2002 07 12.6	19 26.79	-56 33.5	19.7	-1.61	- 4.7	12.5/05.5	1536	1999 RR ₄₅	2002 07 13.0	19 28.38	-30 32.1	19.1	-1.15	- 0.7	3.4/12.1	13605
2000 AZ ₉₅	2002 07 12.6	19 26.82	-26 03.4	18.1	-1.09	- 1.4	1.6/12.1	31890	1998 FK ₇₆	2002 07 13.0	19 28.38	-22 59.8	19.3	-1.06	- 4.9	0.5/12.8	9701
1999 XO ₂₂₈	2002 07 12.6	19 26.93	-23 42.2	20.1	-0.82	- 2.0	0.5/12.4	19470	2001 BA ₇₇	2002 07 13.0	19 28.40	-38 45.0	20.2	-1.16	+ 1.8	5.8/11.7	12282
1999 RX ₂₆	2002 07 12.6	19 26.93	-25 14.2	18.0	-0.95	- 2.9	1.8/12.2	10889	1999 VX ₇₉	2002 07 13.0	19 28.44	-24 59.2	18.7	-1.05	- 1.7	1.2/12.6	16042
1999 TM ₁₉₈	2002 07 12.6	19 26.95	-47 37.8	18.2	-1.25	- 3.6	10.3/08.5	14791	1999 XB ₉	2002 07 13.0	19 28.46	-42 01.2	19.4	-1.45	-14.3	8.5/07.6	1546
1999 VX ₁₆₇	2002 07 12.6	19 27.06	-37 04.6	18.7	-1.06	- 3.2	5.6/10.5	12198	1996 VJ ₂₆	2002 07 13.0	19 28.47	-27 56.8	20.2	-1.18	- 0.4	2.4/12.4	11480
2000 WL ₈₇	2002 07 12.6	19 27.08	-30 05.7	17.5	-1.12	- 5.0	3.6/11.4	31924	1997 GM ₇	2002 07 13.0	19 28.57	-47 23.9	17.6	-1.27	- 4.1	8.6/08.6	13551
2000 EH ₅₈	2002 07 12.6	19 27.08	-34 11.7	18.6	-0.85	- 1.4	3.4/11.0	31902	1999 TK ₁₀₃	2002 07 13.0	19 28.61	-28 36.5	19.3	-1.11	- 0.5	2.6/12.3	13612
2001 BH ₇₆	2002 07 12.6	19 27.09	+00 14.6	17.9	-0.85	- 1.5	8.0/15.8	31937	1999 VB ₆₂	2002 07 13.0	19 28.63	+05 01.3	18.3	-0.90	+ 2.3	13.1/15.7	8460
1999 RX ₁₇₁	2002 07 12.6	19 27.15	-27 21.8	16.6	-1.11	- 2.7	2.7/12.0	31861	1998 DM ₁	2002 07 13.0	19 28.63	-19 45.1	19.5	-1.10	- 2.6	0.9/13.3	16790
1999 TH ₈	2002 07 12.6	19 27.18	-20 41.7	18.6	-1.09	- 0.8	0.5/12.8	31864	1999 RG ₈₇	2002 07 13.0	19 28.65	-24 29.7	19.5	-1.08	- 1.9	1.0/12.7	12152
1999 XO ₁₅₉	2002 07 12.6	19 27.21	-08 52.8	17.8	-0.99	+ 2.8	5.1/13.5	31313	1997 LT ₄	2002 07 13.0	19 28.66	-21 21.5	19.1	-0.92	- 4.2	0.2/13.1	13552
1998 OJ ₁₂	2002 07 12.6	19 27.21	-28 48.4	18.7	-0.99	- 1.8	3.1/11.8	25714	2000 CB ₅₃	2002 07 13.0	19 28.69	-06 44.6	18.6	-0.75	- 3.6	4.5/15.5	31897
2001 FX ₃₆	2002 07 12.7	19 27.16	-28 07.2	18.4	-1.07	+ 0.2	2.3/12.1	31943	1997 OK ₁	2002 07 13.0	19 28.71	-24 51.9	19.1	-0.98	- 2.4	1.2/12.7	16759
1999 XC ₂₂₆	2002 07 12.7	19 27.17	-23 08.0	19.7	-1.03	- 2.1	0.5/12.6	14173	2001 DY ₂₉	2002 07 13.0	19 28.74	-09 00.9	19.4	-0.90	- 5.7	4.4/15.3	12296
2000 AY ₆₅	2002 07 12.7	19 27.23	-22 42.1	19.1	-0.83	- 4.6	0.2/12.6	31889	1995 OL ₁₂	2002 07 13.1	19 28.78	-19 49.7	19.2	-0.92	- 3.4	1.0/13.4	31806
1999 VP ₁₅₇	2002 07 12.7	19 27.24	-08 51.2	18.6	-0.98	- 1.0	5.1/14.2	13624	2001 DE ₁₀₅	2002 07 13.1	19 28.81	-20 56.1	19.4	-0.99	- 1.5	0.4/13.2	11922

1999 TW ₁₂₆	2002 07 13.1	19 28.81 -22 10.1 18.6	-1.03 - 1.0	0.1/13.1	13613	1999 VR ₂₄	2002 07 13.4	19 30.33 -20 02.1 18.9	-1.03 - 1.9	0.8/13.7	25765
1999 VV ₁₁₂	2002 07 13.1	19 28.82 -22 28.7 18.6	-1.01 - 1.7	0.3/13.0	31877	1999 VX ₅₁	2002 07 13.4	19 30.35 -32 58.1 17.2	-1.04 - 3.2	4.9/11.9	31875
2000 AP ₁₉₄	2002 07 13.1	19 28.89 -04 54.7 19.7	-0.76 - 6.4	4.6/16.5	13130	1998 DE ₃₆	2002 07 13.4	19 30.37 -32 10.5 18.1	-1.17 - 1.9	4.8/12.2	31811
2000 YC ₁₂₀	2002 07 13.1	19 28.90 +06 00.4 17.1	-1.06 -18.1	13.5/21.9	31932	2000 CU ₅₉	2002 07 13.4	19 30.37 -10 36.2 19.6	-0.78 - 4.2	3.4/15.3	2737
2000 DB ₇	2002 07 13.1	19 28.91 -26 57.3 18.8	-0.86 - 1.5	1.5/12.5	13658	2001 DA	2002 07 13.4	19 30.38 -49 12.9 19.3	-1.28 - 0.3	9.6/10.2	13812
1993 FM ₄₅	2002 07 13.1	19 28.93 -26 34.9 18.3	-1.02 - 2.3	1.9/12.5	31803	1999 RM ₂₁₂	2002 07 13.5	19 30.46 -17 49.1 19.4	-1.11 - 0.2	1.6/13.9	1466
1998 HX ₃₁	2002 07 13.1	19 28.95 -31 05.6 18.4	-1.07 - 1.5	4.6/12.1	16813	2001 FZ ₁₀₂	2002 07 13.5	19 30.47 -19 53.5 20.3	-1.03 - 2.2	0.7/13.8	17584
1998 HG ₉₂	2002 07 13.1	19 28.99 -09 31.2 18.3	-0.97 - 3.0	5.5/15.0	31815	1999 VP ₂₂	2002 07 13.5	19 30.49 -25 12.0 18.3	-1.16 - 1.4	1.4/13.1	40391
2001 CP ₂₃	2002 07 13.1	19 29.04 -23 07.2 19.8	-1.05 - 2.0	0.5/13.0	12288	1998 VP ₅₄	2002 07 13.5	19 30.55 -11 17.0 17.8	-0.84 + 1.5	3.3/14.5	14771
1997 AF ₁₅	2002 07 13.1	19 29.04 -31 30.7 18.0	-1.09 - 3.6	3.6/11.8	31808	1999 TJ ₂₄₂	2002 07 13.5	19 30.61 -21 00.6 18.5	-1.02 - 4.9	0.3/13.7	2671
2000 CC ₃₁	2002 07 13.1	19 29.07 -03 23.9 18.9	-0.79 - 5.6	6.3/16.5	17153	1998 WO ₁₇	2002 07 13.5	19 30.85 +00 40.7 19.0	-0.78 + 1.3	6.3/15.9	14130
2001 FO ₂₆	2002 07 13.1	19 29.10 -09 57.7 19.7	-0.82 - 1.5	3.6/15.0	13827	2001 BH ₆₄	2002 07 13.5	19 30.85 -08 38.1 19.1	-0.85 - 5.7	5.0/16.1	31393
1999 JQ ₁₁	2002 07 13.1	19 29.16 -54 20.1 18.8	-1.85 -11.8	14.8/04.8	10880	2001 DY ₁₆	2002 07 13.5	19 30.85 -24 37.2 18.3	-0.96 - 4.4	1.1/13.1	12294
2001 DT ₂₁	2002 07 13.1	19 29.19 -21 24.0 18.7	-0.92 - 5.2	0.2/13.3	31939	1994 PV ₇	2002 07 13.6	19 30.80 -21 54.7 19.1	-0.94 - 2.5	0.1/13.6	16004
1999 XF ₁₇	2002 07 13.1	19 29.23 -06 05.1 18.2	-1.25 + 7.8	6.8/13.1	31306	1999 VH ₇₁	2002 07 13.6	19 30.84 -18 25.8 19.6	-1.00 - 2.1	1.3/14.0	2166
2001 FY ₁₅₉	2002 07 13.1	19 29.23 -32 48.3 18.6	-1.04 - 1.6	3.9/11.8	25897	1998 QG ₇₂	2002 07 13.6	19 30.94 -01 11.3 17.2	-0.93 + 4.5	9.2/15.0	31821
2000 AZ ₁₆₆	2002 07 13.2	19 29.17 -02 14.3 16.5	-0.91 + 0.9	9.2/14.8	31893	2001 FK ₃₅	2002 07 13.6	19 31.00 -23 08.3 17.5	-0.87 - 1.2	0.5/13.5	31943
2000 YC ₁₀₆	2002 07 13.2	19 29.21 -22 40.1 19.3	-1.01 - 4.6	0.3/13.1	13802	2000 WW ₁₄₃	2002 07 13.6	19 31.02 -27 55.8 19.1	-1.02 - 3.5	2.2/12.8	12256
1999 XX ₂₃	2002 07 13.2	19 29.28 -14 11.0 18.2	-1.04 + 0.3	3.4/13.9	31881	2001 FK ₄₅	2002 07 13.6	19 31.04 -21 34.9 18.5	-0.85 - 1.9	0.1/13.7	13830
1999 YE ₆	2002 07 13.2	19 29.32 -28 18.9 19.7	-1.39 + 6.2	2.7/13.0	18223	2001 FD ₇₀	2002 07 13.6	19 31.07 -26 15.6 18.2	-0.87 - 3.2	1.6/13.0	31944
2001 BT ₃₄	2002 07 13.2	19 29.33 -17 28.2 19.2	-0.96 - 3.1	1.7/13.8	13806	1998 KL ₄₄	2002 07 13.6	19 31.09 -31 33.8 17.1	-1.03 - 6.5	4.5/11.9	31817
2001 BL ₅₈	2002 07 13.2	19 29.44 -26 38.2 19.1	-1.08 + 0.9	1.9/12.8	13807	1999 XO ₁₇₆	2002 07 13.6	19 31.09 -34 31.5 18.2	-0.93 - 1.1	3.9/12.0	31886
1999 UQ ₂₃	2002 07 13.2	19 29.45 -29 32.6 19.0	-1.16 - 0.2	3.2/12.5	13617	2001 BZ ₂₃	2002 07 13.6	19 31.16 -19 11.1 20.1	-1.05 - 2.5	1.0/14.0	9626
1999 RA ₂₁₄	2002 07 13.2	19 29.49 -15 18.8 18.9	-1.05 - 4.5	3.2/14.2	10900	2001 FG ₁₃₆	2002 07 13.6	19 31.19 -17 37.6 18.2	-0.80 - 5.6	1.4/14.4	31945
2000 WN ₁₇₃	2002 07 13.2	19 29.64 -01 24.0 19.1	-1.12 + 3.8	7.4/14.5	12257	2001 FT ₂	2002 07 13.6	19 31.28 -15 46.0 19.8	-0.93 - 2.2	2.1/14.5	13823
1999 TZ ₂₆	2002 07 13.2	19 29.68 -33 03.5 19.4	-1.16 - 2.5	4.4/11.8	11569	1999 UO ₄₀	2002 07 13.7	19 31.22 -24 15.6 20.6	-1.08 - 1.2	1.0/13.4	14794
2000 EU ₁₈	2002 07 13.3	19 29.61 -21 19.2 20.1	-0.78 - 2.4	0.1/13.4	13660	2001 AS ₄₄	2002 07 13.7	19 31.31 -23 56.4 18.1	-1.11 - 5.0	0.9/13.4	31935
2001 DD ₆₂	2002 07 13.3	19 29.62 +00 23.0 19.6	-0.87 - 2.2	8.0/16.6	13815	2001 AE ₂₁	2002 07 13.7	19 31.32 -18 53.7 19.4	-1.07 - 2.7	1.1/14.1	13804
1999 TY ₁₇	2002 07 13.3	19 29.62 -28 58.2 18.2	-1.13 - 3.7	3.1/12.3	31865	2000 DN ₉₁	2002 07 13.7	19 31.36 -20 07.6 18.7	-0.81 - 1.9	0.5/14.0	14212
1999 UU ₄₄	2002 07 13.3	19 29.64 -21 40.6 18.5	-1.04 - 3.3	0.1/13.3	1196	2001 DS ₃	2002 07 13.7	19 31.36 -33 03.3 18.3	-1.14 - 3.4	4.7/12.1	22766
1998 HM ₁₂₅	2002 07 13.3	19 29.67 -12 25.0 19.1	-0.97 - 5.0	4.1/15.0	16822	2001 EG ₁₆	2002 07 13.7	19 31.37 -25 51.6 21.0	-0.99 - 2.4	1.3/13.2	13821
2001 FU ₃₇	2002 07 13.3	19 29.74 -39 30.1 18.6	-1.21 + 2.4	7.0/11.9	13297	2001 CS ₄₃	2002 07 13.7	19 31.38 -35 05.7 18.5	-0.96 - 7.3	4.5/11.1	13812
1998 QP ₁₁	2002 07 13.3	19 29.80 -30 24.2 17.2	-1.13 + 4.8	3.9/12.9	31819	2000 AW ₁₉₇	2002 07 13.7	19 31.38 -13 22.8 18.1	-0.93 + 0.6	3.1/14.6	31894
1999 XB ₄₆	2002 07 13.3	19 29.82 -16 04.4 18.8	-1.11 + 1.0	2.7/13.8	38140	2000 AX ₃₄	2002 07 13.7	19 31.40 -26 53.1 18.7	-0.89 - 1.9	1.6/13.0	31889
2002 LO ₂₃	2002 07 13.3	19 29.87 -25 28.9 17.2	-0.99 - 8.0	1.8/12.7	31780	2001 KO ₅₆	2002 07 13.7	19 31.42 -37 09.0 18.0	-0.95 - 6.2	5.0/10.7	15102
2000 YA ₁₀₀	2002 07 13.3	19 29.90 -22 22.1 20.3	-1.13 - 3.9	0.2/13.3	17519	1999 VM ₁₀	2002 07 13.7	19 31.44 -27 00.2 18.9	-0.96 - 3.6	1.6/13.0	13619
1998 HL ₂₇	2002 07 13.3	19 30.03 -20 07.8 17.3	-1.01 - 4.3	0.7/13.6	31815	2000 DN ₁₀₅	2002 07 13.7	19 31.49 -26 48.6 18.7	-0.85 - 3.0	1.6/13.0	14214
2001 FZ ₇₁	2002 07 13.3	19 30.07 -19 36.6 20.1	-0.98 - 3.0	0.8/13.7	12046	1999 VP ₁₉	2002 07 13.7	19 31.56 -32 47.6 18.3	-1.14 - 4.7	5.3/11.9	1521
2188 P-L	2002 07 13.3	19 30.07 -21 33.3 19.6	-1.10 - 1.3	0.1/13.4	2801	1998 XH ₄₅	2002 07 13.7	19 31.57 -27 08.7 18.0	-0.88 - 1.3	1.7/13.1	31847
2000 AO ₂₄	2002 07 13.4	19 30.06 -23 52.6 18.3	-0.92 - 4.1	0.7/13.1	31888	2000 YW ₁₆	2002 07 13.7	19 31.59 -14 29.2 18.1	-1.51 +11.2	3.8/13.6	31369
1999 XF ₂₄₃	2002 07 13.4	19 30.07 -29 44.8 18.9	-1.15 + 0.5	3.2/12.6	17117	2001 BN ₅₃	2002 07 13.7	19 31.65 -25 49.8 20.3	-1.06 - 2.6	1.5/13.3	13807
1998 UU ₂₂	2002 07 13.4	19 30.11 -09 18.2 18.0	-0.83 - 0.1	4.2/14.8	31840	2000 AQ ₉₂	2002 07 13.7	19 31.68 -15 00.3 19.5	-1.26 + 6.3	2.7/13.9	18225
1999 XJ ₉₁	2002 07 13.4	19 30.17 -22 12.2 18.0	-0.90 - 1.6	0.1/13.4	31883	1998 SJ ₄₈	2002 07 13.7	19 31.68 -24 03.2 18.9	-0.92 - 1.7	0.8/13.5	10868
2001 FL ₁₃₆	2002 07 13.4	19 30.17 -54 53.1 19.1	-1.27 - 5.0	10.3/06.7	14425	2000 AZ ₁₂₇	2002 07 13.7	19 31.69 -31 00.2 17.1	-1.07 + 4.9	3.4/13.3	31892
1998 RA ₇₆	2002 07 13.4	19 30.20 -23 43.6 19.2	-0.94 - 2.7	0.7/13.2	20704	1996 FJ ₇	2002 07 13.8	19 31.69 -21 02.6 19.3	-0.90 - 2.5	0.3/13.9	27585
1999 TS ₈₇	2002 07 13.4	19 30.21 -20 27.9 19.4	-1.03 - 3.4	0.6/13.6	3443	2000 AR ₉₉	2002 07 13.8	19 31.74 -14 44.5 17.6	-0.95 - 3.8	2.9/14.9	31891
1999 RW ₁₄₀	2002 07 13.4	19 30.23 -19 24.9 17.1	-1.07 - 1.7	1.2/13.7	31860	2001 DN ₁₆	2002 07 13.8	19 31.77 -23 13.3 17.2	-1.00 - 8.6	0.7/13.5	31939
1999 XX ₁	2002 07 13.4	19 30.25 -17 23.2 18.3	-1.08 - 0.9	1.8/13.9	40403	1999 XC ₂₁₁	2002 07 13.8	19 31.80 -37 16.4 17.8	-1.09 - 2.5	5.3/11.6	30343
2001 DM ₆₀	2002 07 13.4	19 30.27 -18 49.0 20.0	-1.00 - 3.1	1.2/13.9	13258	2000 AA ₈₅	2002 07 13.8	19 31.88 -20 43.9 18.9	-0.81 - 2.2	0.3/14.0	13110
1999 XQ ₁₀₉	2002 07 13.4	19 30.27 -20 58.7 19.8	-1.06 - 3.5	0.3/13.6	14801	1999 BC ₃	2002 07 13.8	19 31.89 -16 07.2 18.7	-0.73 - 1.9	1.6/14.7	31850
2001 EX ₁₃	2002 07 13.4	19 30.27 -38 11.5 19.9	-1.13 - 2.8	5.7/11.2	13271	1994 VD	2002 07 13.8	19 31.91 -04 18.4 17.8	-0.92 + 0.7	7.0/15.5	31805

2001 BM ₇₂	2002 07 13.8	19 31.96	-23 59.2	20.7	-1.08	- 1.8	0.8/13.6	12282	1997 PF ₃	2002 07 14.3	19 33.92	-23 24.2	18.0	-0.81	- 2.8	0.7/14.1	31809
2001 FQ ₁₀	2002 07 13.8	19 31.97	-18 57.9	19.6	-0.93	- 2.2	1.0/14.2	13281	1999 VG ₁₇₁	2002 07 14.3	19 33.93	-23 14.6	17.0	-1.00	- 1.0	0.8/14.2	31303
2001 BZ ₆₆	2002 07 13.8	19 32.04	-24 45.0	19.1	-1.08	- 2.5	1.2/13.5	12281	1999 VH ₁₈₅	2002 07 14.3	19 33.94	-21 32.8	18.8	-0.95	- 3.2	0.1/14.4	31879
1996 HE ₁₃	2002 07 13.8	19 32.05	-16 05.3	18.0	-0.83	- 1.1	2.1/14.6	31807	2000 AX ₁₇₃	2002 07 14.3	19 33.94	-07 13.3	17.2	-0.87	- 2.6	7.3/16.4	31893
2001 BB ₄₄	2002 07 13.9	19 32.05	-20 05.9	19.2	-0.95	- 3.8	0.6/14.2	13807	2001 FB ₇₁	2002 07 14.3	19 34.02	-14 44.2	19.6	-0.78	- 3.4	2.2/15.5	13315
2001 EC ₁₀	2002 07 13.9	19 32.23	-21 11.8	18.4	-0.94	- 3.7	0.2/14.0	13820	2001 EC ₁	2002 07 14.3	19 34.10	-32 11.2	19.8	-1.20	- 3.0	4.2/12.9	11925
1998 UT ₃₀	2002 07 13.9	19 32.24	-27 45.1	17.7	-0.89	- 5.4	2.1/12.9	31840	1995 QW ₁₃	2002 07 14.4	19 34.13	-10 51.1	20.6	-0.94	- 2.1	4.8/15.9	14738
1998 RV ₅₈	2002 07 13.9	19 32.32	-20 54.9	18.7	-0.92	- 1.7	0.3/14.1	31826	1999 WA ₂₀	2002 07 14.4	19 34.13	-11 42.5	19.5	-0.90	- 4.3	3.6/16.0	13021
2001 FC ₇₇	2002 07 13.9	19 32.36	-11 00.7	19.5	-0.85	- 3.1	3.5/15.6	15096	1988 SL ₂	2002 07 14.4	19 34.19	-18 30.7	20.1	-0.63	- 1.7	0.7/14.9	31801
2001 DN ₁	2002 07 13.9	19 32.48	-16 52.0	19.3	-1.02	- 4.3	2.0/14.7	12292	1999 TS ₁₂₄	2002 07 14.4	19 34.20	-21 42.2	18.0	-1.09	+ 0.2	0.0/14.4	31868
2001 FJ ₈₇	2002 07 14.0	19 32.44	-35 30.8	18.8	-0.94	- 3.4	4.8/11.8	13325	2000 AH ₂₄₇	2002 07 14.4	19 34.26	-34 00.2	20.1	-0.93	- 0.7	3.5/12.9	17144
1989 SQ ₅	2002 07 14.0	19 32.47	-11 48.4	18.2	-1.00	- 3.5	4.9/15.0	31801	2000 AG ₂₀₄	2002 07 14.4	19 34.29	-13 28.9	17.6	-0.85	- 6.1	3.4/16.0	31894
4281 P-L	2002 07 14.0	19 32.48	-27 49.9	19.3	-0.86	- 1.6	1.7/13.2	40274	1996 XO ₁₅	2002 07 14.4	19 34.34	-21 39.9	19.0	-1.03	- 2.1	0.0/14.5	13548
2000 CW ₃₈	2002 07 14.0	19 32.52	-17 18.0	19.0	-0.79	- 4.0	1.3/14.7	31897	1998 SO ₆	2002 07 14.4	19 34.36	-26 51.6	19.7	-0.98	- 0.8	1.9/13.8	11512
1999 VM ₁₃₅	2002 07 14.0	19 32.53	-21 39.3	19.1	-1.02	- 3.4	0.0/14.0	40400	2000 DD ₆₂	2002 07 14.4	19 34.39	-20 50.0	19.6	-0.78	- 1.9	0.2/14.6	23515
1999 WH ₁	2002 07 14.0	19 32.59	-28 31.9	19.8	-1.15	- 3.9	3.0/13.0	14154	2000 EK ₈₀	2002 07 14.4	19 34.41	-29 10.3	19.3	-0.84	- 1.8	2.1/13.4	31903
2001 AV ₃₂	2002 07 14.0	19 32.59	-29 37.5	18.3	-1.16	- 0.8	3.3/13.2	31934	1998 OW	2002 07 14.4	19 34.42	-18 06.4	18.9	-0.99	- 0.4	1.3/14.9	31818
1999 WB ₁₁	2002 07 14.0	19 32.84	-24 59.8	19.1	-1.10	- 4.0	1.4/13.6	40402	1999 VJ ₈	2002 07 14.4	19 34.46	-22 01.6	15.5	-1.09	+ 3.4	0.1/14.5	31874
1999 UL ₇	2002 07 14.0	19 32.87	-41 03.5	18.0	-1.47	+ 2.2	7.0/12.2	6259	2001 EO ₆	2002 07 14.4	19 34.52	-29 24.5	19.3	-1.07	- 4.2	2.9/13.3	17567
2001 FX ₁₅₇	2002 07 14.0	19 32.88	-12 04.7	18.3	-0.79	- 5.4	3.5/15.8	31945	1999 TM ₁₃₁	2002 07 14.4	19 34.53	-11 25.7	19.3	-1.00	- 2.3	4.3/15.9	14790
1998 SG	2002 07 14.1	19 32.88	-35 41.2	17.5	-1.09	+ 1.1	5.5/12.8	13577	1999 US ₄₃	2002 07 14.4	19 34.56	-26 05.1	19.4	-1.21	+ 1.0	1.8/14.1	30329
1999 JT ₁₁	2002 07 14.1	19 32.88	-37 08.3	17.4	-1.48	-17.1	7.1/10.1	31854	1999 WX ₁₇	2002 07 14.5	19 34.45	-14 14.6	19.5	-0.94	- 1.3	2.9/15.4	12203
2000 EV ₁₀₈	2002 07 14.1	19 33.00	-23 29.5	18.8	-0.89	- 1.7	0.5/13.9	10954	2000 AG ₂₃₀	2002 07 14.5	19 34.48	-35 18.0	19.6	-0.96	+ 0.5	4.0/13.0	5696
2001 HB ₃₃	2002 07 14.1	19 33.11	-07 18.7	19.9	-0.76	- 1.2	4.1/16.1	13452	2000 AW ₁₈₅	2002 07 14.5	19 34.55	-24 28.3	18.1	-0.96	- 5.9	1.0/14.0	31893
1999 TM ₂₀₇	2002 07 14.1	19 33.11	-25 57.9	19.6	-1.16	+ 2.4	1.6/13.8	14791	2000 CV ₂₀	2002 07 14.5	19 34.57	-20 27.0	18.9	-0.86	- 1.8	0.4/14.7	40448
1999 XG ₂₀	2002 07 14.1	19 33.13	-39 08.3	18.5	-1.12	- 3.9	6.1/11.4	13628	2000 AS ₁₂₉	2002 07 14.5	19 34.68	-16 35.8	20.2	-0.87	- 3.3	1.5/15.3	40438
1999 RB ₁₄₈	2002 07 14.1	19 33.23	-17 22.8	18.4	-1.07	- 1.6	1.7/14.7	31860	1999 TF ₂₁₃	2002 07 14.5	19 34.71	-31 03.2	18.5	-1.13	- 1.1	3.7/13.4	31870
2000 XV ₃₄	2002 07 14.1	19 33.30	-37 54.6	19.1	-1.28	+ 0.2	6.1/12.6	11010	1999 YD ₂₃	2002 07 14.5	19 34.74	-25 34.6	21.0	-1.00	- 4.0	1.3/13.9	2707
2001 DZ ₂₉	2002 07 14.2	19 33.23	-28 39.7	17.9	-1.01	- 2.3	3.0/13.3	14419	2001 HR ₁	2002 07 14.5	19 34.90	-27 01.2	19.5	-0.91	- 2.1	1.7/13.8	20839
2000 CC ₁₀	2002 07 14.2	19 33.23	-21 39.4	19.0	-0.96	- 1.8	0.0/14.2	2733	1998 OS ₁₃	2002 07 14.5	19 34.91	-31 19.1	18.9	-1.12	+ 1.2	3.5/13.6	10859
2001 FF ₁₆₈	2002 07 14.2	19 33.26	-23 36.9	19.1	-0.86	- 2.0	0.8/13.9	27194	1998 RD ₄₃	2002 07 14.5	19 34.94	-23 36.9	17.9	-0.96	- 0.6	0.8/14.4	38786
1998 RF ₅₄	2002 07 14.2	19 33.27	-27 59.8	17.1	-0.94	+ 1.6	3.1/13.6	31239	1996 VB ₄	2002 07 14.5	19 34.94	-26 27.5	19.3	-1.12	- 2.8	1.9/13.9	13547
1999 TL ₁₀₃	2002 07 14.2	19 33.29	-16 34.2	19.3	-1.02	- 1.3	1.8/14.8	31867	1981 EO	2002 07 14.6	19 34.94	-47 47.1	17.1	-1.36	+ 3.4	11.5/12.9	13529
1999 RR ₁₉₇	2002 07 14.2	19 33.42	-22 03.1	17.9	-1.11	+ 0.3	0.1/14.2	31862	2000 YK ₁₁₆	2002 07 14.6	19 35.07	-23 56.3	19.4	-1.04	- 3.4	0.9/14.3	13802
1999 TS ₁₅₁	2002 07 14.2	19 33.43	-24 52.3	18.4	-1.06	- 0.7	1.3/13.9	12173	2774 P-L	2002 07 14.6	19 35.15	-25 44.9	18.9	-1.05	- 2.9	1.6/14.1	40530
2000 AJ ₁₀₂	2002 07 14.2	19 33.45	-26 20.9	18.5	-0.98	- 5.3	1.7/13.5	13646	2001 EW ₅	2002 07 14.6	19 35.18	-37 28.7	18.8	-1.06	- 1.8	5.9/12.5	13819
2001 GH ₁₁	2002 07 14.2	19 33.49	-26 03.7	19.6	-0.93	- 5.2	1.4/13.5	17599	1999 TH ₂₄₄	2002 07 14.6	19 35.21	-30 56.1	18.5	-1.13	- 2.0	3.8/13.5	31871
2001 FF ₂₂	2002 07 14.2	19 33.49	-16 00.6	19.1	-0.77	- 3.1	1.7/15.1	13826	1999 TP ₁₈₀	2002 07 14.6	19 35.32	-09 49.8	18.0	-0.91	- 2.8	5.1/16.5	10913
1997 EX ₁₃	2002 07 14.2	19 33.49	-22 46.7	18.3	-1.08	- 1.5	0.4/14.1	31808	1999 VK ₂₃	2002 07 14.7	19 35.26	-29 54.1	19.3	-1.15	- 4.7	3.2/13.4	40391
2000 AN ₂₁₆	2002 07 14.2	19 33.62	-24 31.5	17.1	-0.94	- 3.2	1.3/13.9	31894	1999 TD ₂₆₉	2002 07 14.7	19 35.29	-14 52.7	19.2	-1.03	- 0.3	2.7/15.5	11606
2000 AZ ₁₃₉	2002 07 14.2	19 33.65	-16 29.2	18.2	-1.06	- 5.1	2.2/15.0	1564	1998 RJ ₆₇	2002 07 14.7	19 35.30	-04 38.0	18.3	-0.82	- 1.5	5.7/17.1	31827
2000 GW ₅₉	2002 07 14.2	19 33.71	-20 11.7	19.9	-0.81	- 2.1	0.4/14.5	1273	2001 FY ₅₇	2002 07 14.7	19 35.32	-20 58.6	18.0	-0.80	- 6.2	0.2/14.8	31943
2001 FG ₁₅₉	2002 07 14.3	19 33.64	-42 36.7	17.8	-1.19	- 1.4	8.8/11.2	31945	1998 FT ₆₉	2002 07 14.7	19 35.32	-18 13.0	18.9	-1.06	- 3.5	1.4/15.2	12121
1999 XV ₁₁₄	2002 07 14.3	19 33.75	-32 08.1	16.6	-1.11	+ 1.9	4.0/13.5	31884	2001 FG ₄	2002 07 14.7	19 35.35	-33 31.8	18.5	-1.14	+ 1.3	6.1/13.5	19926
2001 FN ₁₆₂	2002 07 14.3	19 33.76	-19 59.0	18.3	-0.99	- 5.8	0.6/14.6	31945	1998 KM ₉	2002 07 14.7	19 35.36	-16 20.5	18.6	-0.99	- 5.1	2.1/15.6	12125
2000 AP ₅₄	2002 07 14.3	19 33.77	-24 12.2	19.1	-0.97	- 1.1	0.9/14.0	26927	2000 ED ₂₁	2002 07 14.7	19 35.37	-03 43.0	19.0	-0.80	- 1.1	5.6/17.1	31902
1999 XE ₁₆₁	2002 07 14.3	19 33.78	-30 44.3	18.6	-0.97	+ 0.5	2.8/13.4	40421	1994 PM ₁₅	2002 07 14.7	19 35.37	-25 42.0	17.9	-1.02	- 0.7	1.9/14.2	31804
2001 FO ₄₉	2002 07 14.3	19 33.81	-25 30.7	19.5	-0.95	- 1.2	1.4/13.9	18314	1998 RD ₅₀	2002 07 14.7	19 35.38	-42 02.3	17.7	-1.13	- 0.2	7.8/12.3	30279
1998 GW ₁₀	2002 07 14.3	19 33.84	-35 44.3	17.6	-1.20	- 2.4	6.6/12.4	30267	1989 EB ₁	2002 07 14.7	19 35.42	-37 36.7	17.3	-1.01	+ 1.1	4.7/13.1	31801
1999 VM ₄	2002 07 14.3	19 33.87	-34 09.2	18.4	-1.09	- 5.0	5.9/12.2	12186	1995 SS ₃₀	2002 07 14.7	19 35.48	-34 47.1	20.0	-1.16	- 0.6	4.6/13.2	13543
1998 SM ₆₄	2002 07 14.3	19 33.89	+06 03.2	19.0	-0.70	- 2.1	6.6/18.8	13579	1999 TX ₄₈	2002 07 14.7	19 35.51	-19 08.2	17.8	-1.00	- 3.3	1.0/15.1	31865

1999 VN ₁₇₁	2002 07 14.7	19 35.51 -33 19.8 17.6	-1.06 - 4.9	6.0/12.6	3464	2002 KV ₅	2002 07 15.1	19 36.92 -14 26.9 16.7	-0.93 + 3.2	3.4/15.6	31760
1999 YB ₁₆	2002 07 14.7	19 35.56 -18 18.9 18.1	-0.85 - 4.1	1.7/15.3	15653	2000 AP ₂₉	2002 07 15.1	19 36.95 -26 39.5 17.8	-0.86 - 4.8	1.6/14.2	31888
1999 XN ₂₃₀	2002 07 14.7	19 35.68 -19 32.3 17.5	-1.04 + 1.0	1.0/15.0	31315	2000 AS ₁₃₈	2002 07 15.1	19 36.95 -26 00.2 18.5	-0.98 - 3.7	1.5/14.4	31892
2001 BF ₁₉	2002 07 14.7	19 35.71 -24 06.7 19.3	-1.08 - 3.6	1.0/14.4	22764	2001 DU ₅₂	2002 07 15.1	19 36.97 -27 04.4 18.6	-1.03 - 4.2	2.2/14.3	20837
2001 FK ₅₉	2002 07 14.7	19 35.71 -26 00.7 19.8	-1.08 - 2.5	1.6/14.2	13832	1999 XW ₇	2002 07 15.1	19 36.99 -20 24.4 18.8	-0.99 - 1.9	0.4/15.3	31880
2001 JL	2002 07 14.8	19 35.71 -03 12.4 19.3	-0.94 - 0.1	6.5/16.8	17608	2001 FW ₁₃₄	2002 07 15.1	19 37.04 -04 38.0 19.1	-0.92 - 0.6	6.2/17.3	31945
2000 XM ₄₄	2002 07 14.8	19 35.73 -55 25.8 18.3	-1.64 - 2.2	11.5/10.0	13799	2001 AU ₁₅	2002 07 15.1	19 37.06 -13 37.4 19.3	-0.97 - 5.7	2.9/16.5	12268
2000 AD ₉₁	2002 07 14.8	19 35.73 -19 49.2 19.0	-0.82 - 2.3	0.6/15.1	16045	1999 TL ₁₆₁	2002 07 15.1	19 37.06 -28 06.7 18.2	-1.06 - 0.8	3.3/14.3	31869
2000 XT ₄₄	2002 07 14.8	19 35.76 -58 51.0 20.3	-1.65 - 4.1	11.7/08.7	9892	1997 GY ₈	2002 07 15.1	19 37.07 -18 34.8 20.3	-0.95 - 2.2	1.1/15.6	12117
1998 SA ₅₉	2002 07 14.8	19 35.76 -30 42.8 17.8	-1.00 - 2.4	3.4/13.5	25719	2000 GK ₈	2002 07 15.1	19 37.09 -22 11.4 18.7	-0.81 - 1.9	0.2/15.1	31906
1998 QA ₆₆	2002 07 14.8	19 35.80 -21 45.0 17.8	-1.08 + 3.1	9.5/25.0	31821	1997 EK ₁₆	2002 07 15.1	19 37.11 -18 35.9 19.4	-1.03 - 2.6	1.2/15.6	31808
2001 FP ₁₄₃	2002 07 14.8	19 35.86 -42 51.6 18.6	-1.01 - 4.0	7.0/11.0	18315	1999 YF ₁₀	2002 07 15.1	19 37.22 -22 16.8 20.1	-0.93 - 3.4	0.2/15.1	13087
1999 XK ₁₀₁	2002 07 14.8	19 35.88 -22 05.3 18.9	-1.01 - 1.0	7.5/25.0	40415	1999 TK ₄₅	2002 07 15.1	19 37.24 -24 36.3 20.1	-1.04 - 1.8	1.1/14.8	27642
1998 XJ ₄₆	2002 07 14.8	19 35.90 -23 10.3 18.1	-0.90 + 1.0	0.5/14.7	31847	1998 FK ₇₁	2002 07 15.1	19 37.25 -19 38.2 17.6	-1.02 - 1.8	0.9/15.4	31813
2002 KS ₃	2002 07 14.8	19 35.93 +35 07.0 16.5	-0.82 + 4.5	25.4/04.0	31757	2001 AN ₁₆	2002 07 15.1	19 37.27 -24 26.6 16.4	-1.10 + 4.4	1.3/15.0	31934
1999 TX ₆₂	2002 07 14.8	19 35.97 -18 31.4 18.3	-0.94 - 2.1	1.5/15.3	11575	2000 BD ₄	2002 07 15.1	19 37.31 -41 11.1 18.0	-1.22 - 0.8	6.9/12.6	13652
1998 QV ₇₁	2002 07 14.8	19 35.97 +03 02.9 18.3	-0.84 - 2.1	9.5/18.5	27608	2001 HW ₄₈	2002 07 15.1	19 37.34 -36 06.2 18.0	-1.12 + 0.6	4.8/13.6	31947
1999 VM ₉	2002 07 14.8	19 35.98 -28 16.1 19.0	-1.15 - 3.9	2.9/13.8	1520	1999 VO ₁₉₂	2002 07 15.1	19 37.36 -44 23.2 18.2	-1.16 - 1.6	11.6/11.7	10930
1997 JK ₁₅	2002 07 14.8	19 36.04 -14 17.0 18.8	-0.88 - 2.0	2.8/15.9	27589	1997 QO ₁	2002 07 15.1	19 37.38 -49 09.6 18.7	-1.93 + 6.0	13.5/14.0	10841
1998 QK ₁₄	2002 07 14.8	19 36.07 -32 29.8 17.9	-1.20 + 4.5	4.8/14.2	14356	2001 BD ₄₄	2002 07 15.2	19 37.30 -09 17.3 19.0	-0.86 - 6.4	4.2/17.6	13807
1999 RC ₁₄	2002 07 14.8	19 36.09 -18 21.5 19.0	-1.06 - 4.0	1.4/15.4	13604	1998 SC ₆₉	2002 07 15.2	19 37.31 -32 19.0 19.2	-1.10 + 1.6	3.9/14.2	31832
1999 TH ₁₄₀	2002 07 14.8	19 36.10 -30 24.1 17.8	-1.06 - 1.7	3.7/13.8	31868	1999 RL ₂₂	2002 07 15.2	19 37.32 -34 53.3 18.2	-1.23 - 1.0	5.7/13.5	13604
1998 SO ₇₄	2002 07 14.8	19 36.12 -13 37.3 19.4	-0.92 - 3.4	3.1/16.1	31832	1999 VQ ₇₀	2002 07 15.2	19 37.43 -27 56.2 19.1	-1.07 - 4.0	2.9/14.2	3922
2000 YX ₆₇	2002 07 14.8	19 36.12 -21 20.9 18.4	-1.00 + 0.3	8.1/04.0	13801	1997 SX ₁₀	2002 07 15.2	19 37.45 -29 42.8 18.3	-0.86 - 0.7	3.6/14.2	31810
1999 XB ₄₃	2002 07 14.9	19 36.07 -25 54.3 18.9	-1.13 - 3.0	1.8/14.3	31882	1999 XF ₃	2002 07 15.2	19 37.48 -09 59.4 18.7	-1.00 - 1.3	5.2/16.6	31306
2001 DR ₂₂	2002 07 14.9	19 36.08 -27 14.1 19.7	-1.15 - 0.9	2.4/14.2	18312	1999 TZ ₈₉	2002 07 15.2	19 37.51 -18 33.8 19.7	-1.02 - 2.7	1.1/15.7	13611
1998 SX ₁₃₅	2002 07 14.9	19 36.10 -00 33.7 18.2	-0.83 - 3.2	7.7/18.2	31836	1998 UR ₄	2002 07 15.2	19 37.53 -04 30.5 19.1	-0.87 - 4.6	6.4/18.1	30287
2000 SQ ₂₂₇	2002 07 14.9	19 36.11 -58 06.5 19.1	-1.97 - 7.0	16.7/06.7	8505	2001 CO ₂₉	2002 07 15.2	19 37.57 -31 15.4 20.0	-1.12 - 0.7	4.0/14.1	31938
4509 P-L	2002 07 14.9	19 36.18 -14 44.0 19.5	-0.78 - 2.4	2.0/16.0	13873	1999 TX ₈₉	2002 07 15.2	19 37.79 -27 25.4 18.6	-1.13 - 3.6	2.9/14.4	2117
1998 QB ₄₉	2002 07 14.9	19 36.19 -00 32.7 17.6	-0.81 - 7.9	8.7/19.8	31821	2000 YY ₆₁	2002 07 15.2	19 37.79 -22 37.5 19.0	-1.15 + 0.8	0.5/15.2	11016
2001 FJ ₇₃	2002 07 14.9	19 36.30 -41 04.1 21.1	-1.15 - 1.9	6.1/12.3	13835	1999 UA ₅	2002 07 15.3	19 37.69 -29 26.9 21.7	-0.94 - 2.1	2.0/14.2	1514
2001 FH ₇₈	2002 07 14.9	19 36.33 +00 10.2 18.4	-0.73 - 2.3	7.0/18.4	13320	1999 XY ₁₇₃	2002 07 15.3	19 37.69 -28 31.0 18.3	-1.01 - 0.3	2.3/14.5	30342
1998 HG ₂	2002 07 14.9	19 36.34 -15 31.3 19.6	-1.07 - 3.3	2.7/15.8	23455	1999 TZ ₂₉₇	2002 07 15.3	19 37.74 -17 40.5 19.5	-1.04 - 0.4	1.5/15.8	17064
2000 AM ₁₂₈	2002 07 14.9	19 36.42 -25 23.2 17.7	-0.94 + 2.0	1.2/14.6	2297	2001 HR ₅₈	2002 07 15.3	19 37.77 -10 02.9 18.9	-0.89 + 0.1	3.9/16.7	13483
1999 UH ₂	2002 07 14.9	19 36.42 -08 33.9 18.0	-0.98 - 1.3	6.2/16.6	40383	1998 OC ₁₂	2002 07 15.3	19 37.79 -28 02.4 18.2	-0.96 - 2.8	3.1/14.3	31818
1999 RJ ₁₆₉	2002 07 14.9	19 36.50 -29 32.9 18.3	-1.18 + 0.4	3.4/14.2	31861	1997 EU ₃₁	2002 07 15.3	19 37.95 -24 13.2 21.5	-1.04 - 2.4	0.9/15.0	3161
1999 UA ₄₁	2002 07 14.9	19 36.50 -23 26.4 16.8	-1.08 + 1.7	0.9/14.8	31873	2000 AE ₆₆	2002 07 15.3	19 38.03 -34 47.1 19.6	-0.96 + 0.9	3.6/13.9	39572
1999 SD ₁₂	2002 07 14.9	19 36.54 -26 35.6 18.4	-1.05 - 3.2	1.9/14.3	31864	2000 CK ₈₇	2002 07 15.3	19 38.03 -15 47.5 16.9	-0.90 - 4.7	2.1/16.3	31898
2001 FL ₁₄₉	2002 07 15.0	19 36.53 -41 54.9 20.4	-1.11 - 3.1	6.7/11.7	27194	1999 WL ₁₆	2002 07 15.3	19 38.06 -28 00.3 18.2	-1.04 - 4.8	3.0/14.3	31880
1999 XX ₈₄	2002 07 15.0	19 36.57 -25 44.7 18.0	-1.00 - 7.7	1.6/14.2	31883	2001 DK ₈₈	2002 07 15.3	19 38.15 -31 52.6 18.7	-0.98 + 1.1	3.3/14.4	13817
1998 QL ₅₉	2002 07 15.0	19 36.63 -34 32.5 18.1	-1.05 + 0.1	5.6/13.6	13572	2001 DG ₁₀₈	2002 07 15.3	19 38.17 -17 26.1 19.4	-0.97 - 1.7	1.6/15.9	27192
2001 DX ₄₅	2002 07 15.0	19 36.65 -10 33.7 18.9	-0.80 - 3.9	4.1/17.0	17557	2000 EY ₆₆	2002 07 15.4	19 38.10 +00 11.8 19.2	-0.69 - 2.7	5.9/19.0	391
3020 T-2	2002 07 15.0	19 36.70 -45 18.3 16.8	-1.17 - 0.3	9.7/11.5	13875	1999 XQ ₂₃₁	2002 07 15.4	19 38.15 -34 21.2 19.8	-0.91 - 3.7	3.5/13.2	31887
4156 T-2	2002 07 15.0	19 36.76 -23 27.3 17.7	-0.94 - 2.8	0.8/14.8	32043	1999 XX ₆₄	2002 07 15.4	19 38.19 -20 31.3 19.9	-1.04 - 2.3	0.4/15.6	10936
2000 BO	2002 07 15.0	19 36.77 -15 18.8 19.8	-0.90 - 5.5	2.0/16.2	40445	2002 LF ₂₁	2002 07 15.4	19 38.33 -15 19.5 17.7	-0.87 + 1.3	2.2/16.1	31779
2000 DL ₅₃	2002 07 15.0	19 36.78 -00 12.7 18.0	-0.73 - 4.2	7.0/18.9	31900	1999 RG ₂₂	2002 07 15.4	19 38.42 -53 38.5 19.9	-1.68 + 0.2	11.0/10.7	36911
2000 DK ₄₅	2002 07 15.0	19 36.81 -15 35.4 19.5	-0.80 - 2.3	1.7/15.9	31323	1998 VD ₁	2002 07 15.4	19 38.45 -44 31.6 18.7	-1.20 - 7.2	8.7/10.0	20708
2001 FF ₈₉	2002 07 15.0	19 36.91 -24 08.7 20.1	-1.03 - 1.9	1.0/14.7	27193	1999 VN ₁₈₉	2002 07 15.4	19 38.54 -08 34.9 18.5	-1.03 + 0.9	6.2/16.7	1542
2001 FS ₈₁	2002 07 15.0	19 36.93 -33 54.6 18.3	-1.07 + 1.4	4.5/13.9	30454	1999 XZ ₁₈₈	2002 07 15.4	19 38.54 -33 01.2 19.4	-1.02 - 0.8	3.8/14.0	17109
2000 YV ₆₇	2002 07 15.0	19 36.95 -22 31.6 18.3	-1.07 - 0.4	0.4/15.0	31931	2001 FX ₂₀	2002 07 15.4	19 38.55 +00 58.3 18.6	-0.84 - 2.0	8.4/19.0	13288
1999 XG ₁₈₂	2002 07 15.0	19 36.99 -41 26.8 19.4	-1.14 - 3.4	6.6/11.8	693	2192 T-3	2002 07 15.4	19 38.56 -20 37.2 18.2	-1.07 - 1.8	0.4/15.6	2805

2001 FP ₆₁	2002 07 15.5	19 38.51	-42 01.9	20.4	-1.20	- 1.0	7.1/12.9	13311	1996 UQ ₂	2002 07 15.8	19 40.03	-06 58.8	20.4	-1.01	- 1.7	5.6/17.8	11480
2000 AC ₅	2002 07 15.5	19 38.52	-24 17.9	18.8	-0.83	- 3.1	0.9/15.1	31888	1999 UA ₃₇	2002 07 15.8	19 40.10	-28 21.2	19.9	-1.14	- 3.0	2.8/14.9	14146
2002 KG ₆	2002 07 15.5	19 38.58	-05 20.5	16.9	-0.94	+ 5.0	5.4/16.4	31760	1999 VF ₂₁₁	2002 07 15.8	19 40.14	-22 01.2	20.3	-0.96	- 1.3	0.2/15.8	26924
1999 WM ₆	2002 07 15.5	19 38.60	-16 42.9	19.1	-0.94	- 2.1	1.7/16.2	31880	1999 XK ₁₂₃	2002 07 15.8	19 40.15	-34 04.8	18.6	-1.15	- 1.4	5.9/14.1	11716
2000 UY ₇₅	2002 07 15.5	19 38.66	+17 33.6	20.4	-1.14	- 0.8	17.3/22.1	9854	2000 AF ₅₈	2002 07 15.8	19 40.16	-24 02.4	18.4	-0.87	+ 0.1	0.8/15.6	40431
1999 RB ₂₀₆	2002 07 15.5	19 38.73	-22 53.7	18.3	-1.14	+ 0.5	0.6/15.4	12937	2000 AF ₁₅₁	2002 07 15.9	19 40.17	-24 55.1	18.0	-1.11	+ 2.4	1.4/15.6	31892
1998 HA ₈₀	2002 07 15.5	19 38.73	-28 38.3	19.9	-1.14	- 2.1	2.9/14.6	12123	2001 BF ₆₈	2002 07 15.9	19 40.18	-22 50.3	19.8	-1.10	- 3.3	0.6/15.7	14418
2001 FU ₁₈₀	2002 07 15.5	19 38.74	-24 43.0	18.7	-0.88	- 2.3	1.1/15.1	31946	1998 HJ ₁₀₁	2002 07 15.9	19 40.20	-14 36.4	16.9	-0.82	- 2.8	3.7/17.0	31815
2000 CZ ₄₅	2002 07 15.5	19 38.74	-15 27.0	19.1	-1.00	- 1.7	2.2/16.3	13655	1999 VW ₇₇	2002 07 15.9	19 40.21	-27 29.4	20.2	-1.14	- 3.1	2.6/15.0	12994
1999 UP ₃₃	2002 07 15.5	19 38.75	-05 15.0	19.1	-0.94	- 1.2	7.0/17.7	31873	2001 HS ₄₄	2002 07 15.9	19 40.24	-42 41.0	18.7	-1.13	- 2.5	7.1/12.4	25897
1982 VN ₃	2002 07 15.5	19 38.79	-23 55.2	18.9	-1.00	- 3.5	0.9/15.2	31800	2001 BA ₆₀	2002 07 15.9	19 40.26	-12 04.9	19.0	-0.87	- 4.0	3.1/17.5	13807
2001 CV ₁₇	2002 07 15.5	19 38.82	-38 51.4	18.2	-1.16	+ 2.0	6.8/14.1	12286	2001 FD ₄₃	2002 07 15.9	19 40.42	-01 44.6	19.8	-0.80	- 2.8	7.1/19.3	14421
2001 FV ₇₁	2002 07 15.5	19 38.94	-02 45.7	18.7	-0.87	- 3.9	7.2/18.7	31944	1998 WJ ₁₄	2002 07 15.9	19 40.49	-20 32.8	19.5	-0.82	- 2.0	0.3/16.1	27612
2000 CF ₄₇	2002 07 15.5	19 38.95	-04 49.0	17.0	-0.95	- 3.1	7.2/17.9	31897	2001 KP ₇	2002 07 15.9	19 40.49	-13 42.7	19.4	-0.75	- 1.9	2.1/17.1	31948
2000 WL ₁₂₄	2002 07 15.5	19 39.02	-05 23.4	17.1	-1.35	+ 8.2	8.1/15.9	31926	1999 RS ₂₃₀	2002 07 15.9	19 40.52	-29 59.0	18.2	-1.13	- 6.8	3.8/14.3	12159
1998 UF ₁₁	2002 07 15.6	19 38.90	-25 01.2	21.2	-0.82	- 2.3	0.9/15.1	34306	2001 FX ₇₇	2002 07 15.9	19 40.56	-06 57.1	19.3	-0.77	- 3.3	4.5/18.5	13836
1999 TB ₁₇₇	2002 07 15.6	19 38.92	-20 45.3	19.0	-1.02	- 2.1	0.3/15.7	17051	2001 FN ₇₆	2002 07 16.0	19 40.56	-23 43.2	18.8	-0.91	- 3.2	0.8/15.6	13836
1998 US ₁₃	2002 07 15.6	19 38.92	-25 08.3	19.4	-0.89	- 2.6	1.2/15.1	31839	1999 VC ₁₇₃	2002 07 16.0	19 40.63	-37 19.6	20.2	-1.17	- 4.5	5.6/13.2	2688
1995 EK ₂	2002 07 15.6	19 38.92	-19 38.6	19.3	-0.87	- 2.1	0.7/15.9	31805	2001 DQ ₇₀	2002 07 16.0	19 40.70	-14 01.4	19.6	-0.97	- 4.5	2.9/17.3	12302
1999 TC ₁₇₂	2002 07 15.6	19 38.93	-17 44.3	19.9	-1.01	- 2.6	1.4/16.1	13614	1998 QV ₄₆	2002 07 16.0	19 40.85	-36 09.1	17.3	-1.27	+ 4.4	6.8/14.9	15031
2000 ER ₁₈	2002 07 15.6	19 38.97	-22 48.3	19.9	-0.79	- 2.5	0.4/15.4	8202	2000 CM ₉₇	2002 07 16.0	19 40.88	-22 20.8	18.3	-0.82	- 2.0	0.3/15.9	31899
2000 YE ₅₁	2002 07 15.6	19 39.00	-25 49.7	18.1	-1.08	- 5.0	1.8/14.9	31930	1999 RF ₁₄	2002 07 16.0	19 40.97	-48 35.8	18.6	-1.57	+ 0.9	9.5/12.7	40355
2000 YP ₃₀	2002 07 15.6	19 39.00	-26 44.5	19.2	-1.18	- 0.7	2.3/15.0	13800	1998 HL ₈	2002 07 16.0	19 40.98	-33 51.2	18.2	-1.05	- 5.1	6.0/13.9	31814
1999 VG ₆₈	2002 07 15.6	19 39.03	-21 12.7	19.5	-1.03	- 2.7	0.1/15.7	40397	1997 AY ₁₇	2002 07 16.1	19 40.98	-26 37.0	19.5	-1.12	- 2.6	1.9/15.4	13549
1999 VL ₂₉	2002 07 15.6	19 39.11	-34 51.3	18.2	-1.05	- 4.0	5.0/13.4	13620	2000 AU ₁₆	2002 07 16.1	19 41.02	-30 27.0	18.3	-0.99	- 7.7	3.1/14.2	30345
1999 XT ₂₁₅	2002 07 15.6	19 39.14	-08 43.2	18.6	-0.88	- 0.5	4.4/17.2	31887	1997 ES ₄₂	2002 07 16.1	19 41.03	-16 23.7	19.2	-0.95	- 2.5	2.0/16.9	31809
1999 TN ₉₁	2002 07 15.6	19 39.16	-15 14.9	19.3	-0.99	- 4.1	2.4/16.6	15050	2001 FT ₉₀	2002 07 16.1	19 41.09	-23 03.2	18.2	-0.87	- 3.0	0.5/15.9	14423
1999 XA ₁₇₁	2002 07 15.6	19 39.17	-30 09.0	18.2	-0.97	- 3.1	3.0/14.3	31886	2001 DT ₂₇	2002 07 16.1	19 41.09	-11 25.1	20.3	-0.89	- 6.3	3.4/18.1	12296
2000 AW ₁₃	2002 07 15.6	19 39.20	-35 49.7	18.7	-1.09	- 6.5	5.1/12.8	20746	1999 XB ₁₀₄	2002 07 16.1	19 41.13	-33 03.5	18.1	-1.19	- 4.5	5.0/14.1	40415
1999 VN ₅₆	2002 07 15.6	19 39.26	-32 52.8	18.3	-1.13	- 3.9	4.7/13.8	31875	1999 XS ₅₈	2002 07 16.1	19 41.18	-18 01.7	19.3	-1.02	- 1.9	1.3/16.6	37900
2000 AL ₁₅₉	2002 07 15.6	19 39.31	-26 14.7	17.7	-0.95	+ 1.1	1.7/15.2	31893	1999 XV ₂₀₃	2002 07 16.1	19 41.25	-30 12.0	19.8	-1.10	+ 1.0	3.1/15.2	18221
1999 XZ ₁₀₀	2002 07 15.6	19 39.36	-19 06.4	17.1	-1.11	+ 1.2	1.0/15.9	31884	1999 RE ₇₃	2002 07 16.1	19 41.30	-15 25.4	19.2	-1.02	- 2.1	2.2/17.0	13605
1999 XR ₁₀₆	2002 07 15.7	19 39.34	-16 44.2	18.3	-1.02	- 0.5	1.9/16.3	31884	2000 YU ₁₂₈	2002 07 16.1	19 41.30	-29 47.9	18.4	-1.03	- 2.4	3.3/15.0	10667
1999 TE ₃₀₆	2002 07 15.7	19 39.36	-19 25.5	21.2	-1.05	- 2.3	0.8/16.0	13616	2000 DQ ₂₀	2002 07 16.1	19 41.34	-33 05.1	17.6	-1.04	+ 3.2	4.1/15.2	2746
2001 FF ₃₁	2002 07 15.7	19 39.40	-28 14.7	18.6	-0.85	- 3.6	2.4/14.6	31943	1999 XK ₇₁	2002 07 16.1	19 41.36	-19 00.9	19.1	-0.95	- 2.6	0.9/16.5	13631
1999 RP ₄₂	2002 07 15.7	19 39.51	-34 56.4	19.3	-1.20	- 4.4	5.1/13.4	31858	1999 RE ₂₅₅	2002 07 16.1	19 41.36	-21 52.7	18.9	-1.08	0.0	0.2/16.1	11557
2001 KM ₅₆	2002 07 15.7	19 39.55	-51 30.8	19.0	-1.18	- 4.2	8.9/10.1	14320	1999 VL ₁₇₇	2002 07 16.1	19 41.38	-06 17.0	18.3	-0.89	- 4.2	7.6/18.7	31879
1999 RP ₂₀₇	2002 07 15.7	19 39.56	-29 19.5	18.2	-1.24	+ 1.2	3.5/15.0	40372	1999 VL ₁₂₈	2002 07 16.1	19 41.38	-26 34.7	19.8	-1.03	- 2.8	2.1/15.4	1205
1999 VT ₆₃	2002 07 15.7	19 39.56	-19 37.2	19.0	-0.96	- 2.0	0.7/16.0	31876	1996 AE ₁₈	2002 07 16.1	19 41.40	-15 20.0	17.3	-0.87	- 5.2	2.9/17.3	31807
2001 FG ₅₁	2002 07 15.7	19 39.59	-24 44.9	18.8	-0.91	- 2.0	1.2/15.3	31408	1999 VY ₂₂₂	2002 07 16.2	19 41.33	-09 23.7	18.8	-0.86	- 5.4	3.9/18.4	31879
2000 AU ₂₃₃	2002 07 15.7	19 39.60	-23 47.5	17.7	-1.03	- 7.1	1.1/15.3	31894	1999 RA ₈₂	2002 07 16.2	19 41.35	-25 31.5	17.8	-1.03	+ 1.9	2.3/15.8	31858
1999 WJ ₂₀	2002 07 15.7	19 39.61	-25 15.5	20.6	-1.10	- 2.0	1.5/15.2	17095	2000 AN ₁₀₂	2002 07 16.2	19 41.40	-24 02.3	17.5	-1.02	- 8.3	1.1/15.7	31891
1999 VZ ₁₉₆	2002 07 15.7	19 39.76	-11 23.0	19.1	-0.90	- 4.5	3.4/17.5	13010	2000 DH ₁₄	2002 07 16.2	19 41.48	-22 17.3	20.2	-0.82	- 1.8	0.3/16.1	40461
1997 HR ₇	2002 07 15.7	19 39.77	-25 59.7	18.3	-0.96	- 1.4	1.8/15.2	31809	2001 FP ₄₁	2002 07 16.2	19 41.50	+01 29.6	19.4	-0.88	- 4.4	9.7/20.0	30453
2001 AV ₃₆	2002 07 15.8	19 39.77	-25 42.0	17.7	-1.00	- 5.6	1.6/15.1	31388	1981 EL ₁₄	2002 07 16.2	19 41.51	-36 21.6	19.5	-1.04	+ 0.1	5.1/14.4	16695
2000 CH ₁₄	2002 07 15.8	19 39.77	-15 35.5	17.5	-0.93	+ 1.1	2.4/16.4	31321	1991 GW ₈	2002 07 16.2	19 41.52	-22 05.1	18.1	-1.02	- 1.3	0.3/16.1	32047
1999 TQ ₁₀₅	2002 07 15.8	19 39.83	-34 12.1	18.3	-1.14	- 1.6	5.0/14.1	13612	1999 TL ₁₄₄	2002 07 16.2	19 41.53	-10 55.6	19.3	-1.01	- 2.3	4.3/17.7	12954
1999 TJ ₃₇	2002 07 15.8	19 39.89	-17 08.5	17.5	-0.94	- 5.3	1.6/16.6	31865	1999 TU ₃₂₀	2002 07 16.2	19 41.57	-27 25.0	18.9	-1.06	- 1.6	2.3/15.4	12966
1999 YA ₂₈	2002 07 15.8	19 39.90	-44 50.7	19.2	-1.27	- 0.3	8.9/12.6	17124	1998 XM ₁₈	2002 07 16.2	19 41.57	-21 18.0	20.0	-0.80	- 2.1	0.0/16.3	40052
1997 EM ₄₁	2002 07 15.8	19 39.91	-30 56.0	18.6	-1.14	+ 1.2	3.6/14.9	12117	2001 DD ₇₉	2002 07 16.2	19 41.57	-27 50.8	18.8	-1.09	- 6.1	2.4/15.1	13816
1999 TK ₁₁₂	2002 07 15.8	19 40.02	-22 43.4	18.3	-1.01	- 1.1	0.7/15.7	14140	2000 CP ₃₅	2002 07 16.2	19 41.64	-18 01.8	19.0	-0.79	- 1.6	0.9/16.8	2735

1999 XM ₉₃	2002 07 16.2	19 41.69 -22 29.1 17.7 -0.98 - 1.1 0.4/16.1 31883	2000 AE ₂₄₁	2002 07 16.6	19 43.12 -08 19.9 18.5 -0.78 - 1.6 3.8/18.6 31895
1999 JW ₅	2002 07 16.2	19 41.77 +15 27.6 19.3 -1.13 + 0.9 17.1/21.4 8056	1995 WA ₂₀	2002 07 16.6	19 43.14 -23 44.6 18.2 -0.95 - 5.4 1.0/16.2 31806
1996 HS ₇	2002 07 16.2	19 41.90 -58 50.0 17.9 -2.05 + 1.6 17.6/12.0 10834	2001 DD ₈₇	2002 07 16.6	19 43.21 -26 01.9 18.3 -1.07 + 1.8 1.7/16.2 31941
2001 FP ₁₃₁	2002 07 16.3	19 41.75 -00 26.4 18.7 -0.89 - 2.6 7.8/19.5 31945	1999 UB ₅₃	2002 07 16.6	19 43.23 -27 12.7 16.8 -1.00 -10.6 2.1/15.3 31873
2001 FO ₁₂	2002 07 16.3	19 41.82 -39 25.0 20.6 -1.12 - 1.6 6.0/13.8 13824	1999 VS ₅₈	2002 07 16.6	19 43.23 -32 29.1 17.6 -1.07 - 4.3 5.1/14.7 31875
2000 YO ₆₈	2002 07 16.3	19 41.86 -13 43.7 19.0 -0.92 - 5.7 2.8/17.8 13801	2001 BR ₅₈	2002 07 16.6	19 43.28 -20 11.5 19.2 -0.97 - 4.2 0.4/16.9 12279
1998 TM ₁₉	2002 07 16.3	19 41.88 -12 36.0 19.1 -0.83 - 0.7 2.8/17.5 13582	1999 XS ₈₉	2002 07 16.6	19 43.31 -24 30.6 18.1 -0.84 - 5.1 1.0/16.1 31883
1999 VU ₁₆₃	2002 07 16.3	19 41.96 -09 34.3 17.3 -0.95 + 0.2 5.5/17.8 31878	1999 VG ₁₅₉	2002 07 16.6	19 43.34 -13 06.2 18.2 -0.98 - 0.4 3.8/17.7 10928
2000 BU	2002 07 16.3	19 41.99 -15 10.5 19.8 -0.79 - 3.1 1.8/17.4 13137	2000 AY ₂₉	2002 07 16.6	19 43.35 -25 40.5 18.5 -0.95 - 1.2 1.5/16.1 31889
1999 SY	2002 07 16.3	19 42.06 -18 16.4 19.5 -1.01 - 2.9 1.1/16.8 18212	1998 HN ₁₂₁	2002 07 16.6	19 43.35 -08 48.1 17.8 -0.89 - 4.8 6.0/18.9 12124
2000 AZ ₂₀₂	2002 07 16.3	19 42.06 -05 13.7 20.5 -0.74 - 0.8 4.2/18.7 31894	2640 P-L	2002 07 16.6	19 43.37 -17 43.6 21.0 -1.04 - 2.6 1.7/17.2 9642
2001 BV ₆₅	2002 07 16.3	19 42.15 -12 45.3 18.2 -1.05 - 2.2 3.6/17.6 11832	2000 AL ₂₂₅	2002 07 16.6	19 43.38 -24 34.8 18.3 -0.85 - 0.9 1.0/16.2 13133
1999 TM ₂₈₅	2002 07 16.3	19 42.16 -23 19.0 20.2 -0.98 - 3.5 0.7/16.1 13616	2001 FX ₉₄	2002 07 16.7	19 43.36 -34 12.2 18.9 -1.00 - 3.8 4.7/14.5 13838
2001 AG ₄₁	2002 07 16.3	19 42.21 -29 03.4 16.0 -1.06 + 7.3 4.2/16.2 12270	2000 XS ₄₉	2002 07 16.7	19 43.37 -30 04.7 18.5 -1.09 - 7.2 3.3/15.0 31929
1994 TD ₁₅	2002 07 16.3	19 42.24 -46 41.4 18.0 -1.33 - 4.9 9.7/10.9 14348	1998 RK ₄₅	2002 07 16.7	19 43.47 -09 07.7 18.7 -0.85 - 3.3 4.9/18.7 31825
1999 UC ₁₅	2002 07 16.4	19 42.20 -31 42.9 19.4 -1.11 - 3.8 4.1/14.7 11615	1999 RK ₉₇	2002 07 16.7	19 43.49 -21 41.6 19.3 -1.04 - 2.1 0.1/16.7 13606
1994 PO ₆	2002 07 16.4	19 42.21 -20 07.9 19.1 -0.98 - 2.0 0.4/16.6 40305	2000 DU ₃₇	2002 07 16.7	19 43.54 -20 03.6 20.4 -0.78 - 2.1 0.3/16.9 4562
1998 PP	2002 07 16.4	19 42.22 -34 00.3 19.4 -1.12 + 0.4 4.5/14.9 16835	1999 RT ₁₆₉	2002 07 16.7	19 43.64 -15 52.5 19.2 -1.06 - 2.0 2.2/17.5 11549
1995 TN ₇	2002 07 16.4	19 42.22 -20 53.4 19.5 -1.03 - 2.0 0.2/16.5 2621	2001 FR ₈	2002 07 16.7	19 43.66 -41 02.9 17.9 -1.12 - 1.7 6.3/13.7 15095
1998 HM ₃₇	2002 07 16.4	19 42.26 -18 13.6 18.2 -1.02 - 1.1 1.5/16.8 31815	2001 BT ₃₀	2002 07 16.7	19 43.69 -16 06.4 19.7 -1.00 - 4.0 1.9/17.6 14418
1998 TZ ₃₁	2002 07 16.4	19 42.30 -20 39.1 18.4 -0.93 - 1.0 0.2/16.5 31838	1999 JT ₅	2002 07 16.7	19 43.75 -65 17.0 18.0 -2.12 - 8.6 21.5/01.4 9724
1999 XQ ₁₇₂	2002 07 16.4	19 42.31 -32 58.6 18.8 -0.92 - 4.6 3.8/14.3 17107	2001 EY ₂₃	2002 07 16.7	19 43.77 -09 39.5 20.1 -0.86 - 4.3 4.1/18.9 14420
1999 XG ₁₁₀	2002 07 16.4	19 42.36 -29 56.8 18.1 -1.07 - 6.3 3.9/14.8 1554	2000 AA ₂₉	2002 07 16.7	19 43.78 -27 17.3 18.4 -0.86 - 5.0 1.9/15.7 13642
2001 EM ₁₉	2002 07 16.4	19 42.43 -30 04.6 17.4 -1.17 + 4.9 4.0/16.0 30453	2000 DE ₁₂	2002 07 16.7	19 43.78 -18 59.4 18.9 -0.83 - 2.4 0.7/17.1 26930
2001 BA ₆₈	2002 07 16.4	19 42.44 -24 02.7 19.3 -1.01 - 3.3 1.0/16.0 14418	6617 P-L	2002 07 16.7	19 43.83 -31 43.5 18.6 -1.09 - 2.2 3.8/15.3 32043
1998 SG ₅₉	2002 07 16.4	19 42.51 -06 27.3 19.3 -0.83 - 3.2 5.1/18.9 31831	2001 FL ₁₅₀	2002 07 16.8	19 43.75 +03 41.3 19.9 -0.77 - 1.3 7.8/21.0 13358
1999 US ₄₁	2002 07 16.4	19 42.52 +21 36.6 18.1 -0.87 + 2.3 21.1/20.0 12185	2000 AJ ₉₂	2002 07 16.8	19 43.86 -33 09.0 19.0 -0.96 + 0.8 3.4/15.4 39573
2000 CD ₂₅	2002 07 16.4	19 42.53 -10 04.9 17.7 -0.86 - 4.6 4.2/18.4 31897	2001 FO ₆₅	2002 07 16.8	19 43.93 -23 25.4 20.1 -0.89 - 3.3 0.7/16.5 12036
2001 FU ₁	2002 07 16.4	19 42.53 -30 08.2 18.8 -1.20 - 4.0 3.6/15.1 11958	4707 P-L	2002 07 16.8	19 43.93 -18 19.5 20.0 -0.98 - 3.1 1.0/17.3 12342
2000 RM ₅₅	2002 07 16.4	19 42.54 -16 48.4 16.9 -1.12 - 4.2 2.2/17.2 7554	1999 TN ₂₂₂	2002 07 16.8	19 43.93 -26 11.6 20.0 -1.10 - 2.6 2.0/16.1 16042
1999 TS ₁₁₃	2002 07 16.4	19 42.55 -29 55.2 19.3 -1.14 - 1.3 3.3/15.4 11582	1998 KD ₆₃	2002 07 16.8	19 43.95 -24 48.0 17.2 -1.10 - 0.9 1.5/16.4 31817
1999 TM ₁₈₇	2002 07 16.4	19 42.55 -22 28.6 18.2 -1.05 - 0.4 0.4/16.3 11594	1999 UR ₄₃	2002 07 16.8	19 43.96 +08 25.5 19.7 -0.88 + 0.3 8.5/21.0 14376
2001 BG ₅₀	2002 07 16.4	19 42.60 -16 28.0 18.3 -0.97 + 1.1 1.7/17.0 31936	2001 FA ₁₂₀	2002 07 16.8	19 43.99 -18 21.7 20.5 -0.87 - 2.6 1.0/17.3 17586
2001 DP ₅₉	2002 07 16.4	19 42.61 -15 14.7 17.1 -0.94 + 1.6 2.6/17.1 13815	2000 AN ₂₁	2002 07 16.8	19 44.06 -27 47.5 19.4 -1.01 - 3.2 2.4/15.8 31888
1997 GV ₅	2002 07 16.4	19 42.62 -36 43.5 17.9 -1.05 - 2.5 6.1/14.2 11484	1999 TQ ₂₃₉	2002 07 16.8	19 44.07 -24 26.3 19.4 -1.05 - 5.2 1.3/16.3 17056
1998 US ₂₃	2002 07 16.4	19 42.62 -35 36.1 19.1 -1.01 - 4.0 5.0/14.0 31840	1999 TN ₈₀	2002 07 16.8	19 44.10 -29 06.7 17.7 -1.08 - 2.9 3.2/15.7 31866
1998 OB ₁₂	2002 07 16.5	19 42.57 -24 40.4 17.9 -0.96 - 5.3 1.5/15.9 31818	2000 AE ₁₉₅	2002 07 16.8	19 44.14 -08 55.5 18.9 -0.87 - 1.3 4.1/18.6 31894
2001 FR ₇₁	2002 07 16.5	19 42.60 -00 58.1 18.3 -0.86 - 4.4 7.9/20.0 16093	1999 VV ₂₈	2002 07 16.8	19 44.16 -11 12.7 18.5 -0.93 - 1.0 3.6/18.2 31874
1999 RU ₆₅	2002 07 16.5	19 42.62 -16 45.9 18.3 -1.07 - 1.9 1.9/17.1 30306	1999 RT ₉₁	2002 07 16.8	19 44.16 -24 27.8 18.8 -1.16 - 2.4 1.4/16.4 40362
2001 CE ₅	2002 07 16.5	19 42.63 -25 51.8 18.9 -1.07 - 3.5 1.7/15.8 14418	1999 TV ₂₈₇	2002 07 16.8	19 44.18 -17 35.7 20.1 -1.06 - 2.9 1.6/17.4 11608
2001 FS ₆₂	2002 07 16.5	19 42.71 -21 52.1 20.0 -0.96 - 3.9 0.2/16.4 12032	2001 FJ ₁₁₀	2002 07 16.8	19 44.20 -01 38.0 21.8 -0.78 - 2.4 5.2/20.3 13335
2001 DS ₅₉	2002 07 16.5	19 42.78 -49 33.8 18.7 -1.16 - 0.8 8.8/12.4 31940	1998 QD ₁₀₂	2002 07 16.8	19 44.21 -08 54.9 18.3 -0.81 - 4.5 3.8/19.2 31823
2001 FT ₆₉	2002 07 16.5	19 42.81 -08 53.4 19.1 -0.79 - 5.0 4.5/18.9 13314	2000 CC ₁₂₄	2002 07 16.8	19 44.23 -29 22.1 19.3 -1.03 - 0.9 2.9/15.8 17162
1999 UV ₄₇	2002 07 16.5	19 42.82 -36 52.8 17.8 -1.19 + 0.2 7.9/14.6 10477	1999 BH ₁₃	2002 07 16.9	19 44.15 -17 05.4 18.5 -0.64 - 2.1 1.0/17.6 31850
2000 AU ₅₉	2002 07 16.5	19 42.83 -22 32.3 18.6 -0.98 - 3.7 0.4/16.4 31889	1999 RB ₁₁₁	2002 07 16.9	19 44.16 -08 20.2 18.1 -0.97 - 1.8 4.8/18.8 31859
2000 AQ ₂₄₃	2002 07 16.5	19 42.97 -14 39.0 18.7 -0.77 - 5.3 1.8/17.9 15665	2001 GO ₅	2002 07 16.9	19 44.20 -47 21.2 19.7 -1.26 - 1.4 10.4/12.5 23619
2000 YE ₉₁	2002 07 16.6	19 42.97 -16 36.5 18.0 -1.05 + 0.1 2.2/17.2 31931	1997 KQ ₃	2002 07 16.9	19 44.34 -21 20.5 18.5 -0.91 - 4.6 0.0/16.9 13552
1999 XH ₆₁	2002 07 16.6	19 42.99 -17 03.5 19.7 -0.94 - 2.4 1.5/17.2 14160	1998 FD ₅	2002 07 16.9	19 44.39 -62 26.1 19.2 -1.99 + 2.7 16.9/13.5 9064
1999 XX ₂₄₂	2002 07 16.6	19 43.00 +02 10.7 19.0 -0.76 - 2.5 7.9/20.7 13084	2000 AH ₆₀	2002 07 16.9	19 44.41 -22 58.4 18.7 -0.97 - 1.2 0.6/16.7 14386
2001 CZ ₂₅	2002 07 16.6	19 43.05 -27 07.6 18.7 -0.98 - 1.7 2.3/15.8 31938	2000 AT ₁₂₆	2002 07 16.9	19 44.42 -20 43.6 18.3 -0.90 + 0.2 0.2/17.0 31892
2001 BG ₄	2002 07 16.6	19 43.10 -30 16.1 18.4 -1.04 - 4.4 3.2/15.1 13805	1999 XH ₄₄	2002 07 16.9	19 44.49 -10 42.4 19.6 -0.88 - 0.6 3.2/18.4 38139

1999 TN ₂₄₇	2002 07 16.9	19 44.50	-14 14.4	17.5	-0.91	- 3.6	2.6/18.1	31871	2000 YP ₆₈	2002 07 17.4	19 46.29	-18 20.1	19.7	-1.01	- 3.2	1.1/17.9	12263
1998 SR ₁₁₉	2002 07 16.9	19 44.55	-10 23.2	19.5	-0.87	- 3.2	3.7/18.7	30285	1999 XY ₁₉₄	2002 07 17.4	19 46.39	-23 30.3	17.1	-1.02	+ 1.1	0.8/17.2	31886
1999 XN ₁₈₅	2002 07 16.9	19 44.63	-39 59.7	18.7	-1.12	- 3.3	6.2/13.8	18221	1981 EL ₉	2002 07 17.4	19 46.42	-37 18.8	19.3	-0.94	+ 0.3	4.4/15.3	26916
2000 DH ₉₃	2002 07 17.0	19 44.56	-31 33.3	19.2	-0.95	- 0.7	3.3/15.6	7005	2001 FR ₇₅	2002 07 17.4	19 46.45	-17 14.0	19.2	-1.01	- 5.0	1.6/18.1	31944
1999 VV ₄₅	2002 07 17.0	19 44.67	-33 07.4	18.4	-1.19	- 0.6	5.7/15.4	31875	1990 SV ₆	2002 07 17.4	19 46.46	-45 18.3	18.0	-1.25	- 1.6	8.8/13.5	12837
1999 VS ₇₂	2002 07 17.0	19 44.69	-18 54.3	18.1	-0.94	- 1.7	0.8/17.4	31876	2001 FZ ₁	2002 07 17.4	19 46.48	-12 05.7	18.9	-0.84	- 4.0	2.8/19.1	31942
1995 YX ₄	2002 07 17.0	19 44.78	-20 43.1	20.2	-0.97	- 3.0	0.2/17.1	14745	2001 FC ₁₅₇	2002 07 17.4	19 46.52	-28 06.7	19.2	-0.96	- 3.8	2.5/16.3	13364
2001 HR ₅₀	2002 07 17.0	19 44.85	-19 10.3	19.7	-0.96	- 2.4	0.8/17.4	17606	1999 TU ₁₄₃	2002 07 17.4	19 46.57	-18 42.6	19.0	-1.05	- 1.3	1.0/17.8	15050
1999 XJ	2002 07 17.0	19 44.86	-23 08.9	20.7	-0.97	- 3.2	0.6/16.8	19466	1999 XZ ₇₈	2002 07 17.4	19 46.57	-26 12.7	17.9	-0.94	- 4.6	2.2/16.6	31883
2000 DP ₃₈	2002 07 17.0	19 44.90	-05 28.9	18.9	-0.73	- 4.6	4.7/20.1	23515	1999 RF ₁₇₄	2002 07 17.4	19 46.58	-26 30.9	18.7	-1.11	- 3.2	2.1/16.7	13607
1999 RC ₁₅₀	2002 07 17.0	19 44.92	-23 06.8	18.1	-1.14	- 1.9	0.8/16.8	31860	1997 LQ ₁	2002 07 17.4	19 46.66	-25 48.9	19.0	-0.96	- 6.9	1.6/16.6	38460
1997 SS ₂₈	2002 07 17.0	19 44.95	-03 47.9	18.7	-0.79	- 3.4	5.9/20.0	13553	2001 FB ₆₃	2002 07 17.5	19 46.59	-20 20.3	18.9	-0.95	- 3.7	0.3/17.6	23618
2001 DG ₃₁	2002 07 17.1	19 45.09	-10 17.1	17.7	-0.81	- 8.6	4.5/19.7	29684	2001 BU ₇₆	2002 07 17.5	19 46.60	-20 15.2	19.9	-1.00	- 3.4	0.4/17.7	12282
2000 BD ₂₄	2002 07 17.1	19 45.09	-35 03.9	18.5	-0.94	- 3.8	4.6/14.6	31896	2001 FN ₄₅	2002 07 17.5	19 46.63	-28 33.0	18.7	-0.97	- 2.0	2.6/16.4	27766
5105 T-3	2002 07 17.1	19 45.09	-16 30.8	18.1	-0.81	- 5.4	1.7/18.0	3853	1999 XA ₂₂₈	2002 07 17.5	19 46.69	-25 45.9	17.7	-1.04	- 5.1	1.7/16.7	31887
1999 TY ₂₁	2002 07 17.1	19 45.21	-29 29.6	19.9	-1.12	- 2.7	3.2/15.9	12944	2001 BU ₆₆	2002 07 17.5	19 46.73	-41 11.0	20.6	-1.14	- 1.4	6.3/14.6	14418
1999 XU ₁₅₉	2002 07 17.1	19 45.21	-13 04.9	20.7	-0.91	- 1.4	2.7/18.3	13636	2001 FW ₅₃	2002 07 17.5	19 46.78	+02 31.9	19.5	-0.76	- 1.7	6.9/21.6	13831
2000 BY ₄	2002 07 17.1	19 45.29	-32 54.8	19.2	-1.07	- 0.1	3.6/15.7	2728	2000 CG ₄₅	2002 07 17.5	19 46.80	-10 19.2	20.5	-0.86	- 3.3	3.4/19.3	17155
1998 VN ₄₀	2002 07 17.1	19 45.36	-23 17.0	19.0	-0.88	- 3.1	0.7/16.8	36085	1998 FV ₈₃	2002 07 17.5	19 46.83	-19 48.8	17.8	-1.07	- 4.8	0.6/17.8	31813
1999 XP ₁₁₆	2002 07 17.1	19 45.38	-20 18.7	19.4	-0.96	- 1.3	0.3/17.3	40417	1982 WD	2002 07 17.5	19 46.91	+13 13.3	19.5	-0.95	+ 2.6	10.5/21.0	31212
1999 XU ₁₃₆	2002 07 17.1	19 45.39	-19 34.0	17.8	-1.03	- 5.0	0.7/17.5	31885	2001 BY ₄₅	2002 07 17.5	19 46.93	+00 19.8	17.8	-0.81	- 9.2	9.7/23.3	31392
1998 FP ₆₁	2002 07 17.1	19 45.40	-07 24.8	16.5	-0.91	- 2.8	6.9/19.4	31813	2000 AA ₆₀	2002 07 17.5	19 46.95	-23 02.9	19.3	-0.82	- 1.3	0.5/17.3	40431
2001 FJ ₁₆₉	2002 07 17.2	19 45.37	-09 04.2	18.3	-0.85	- 4.3	4.1/19.4	30455	1999 VF ₅₁	2002 07 17.5	19 46.96	-28 46.3	20.0	-1.11	- 0.9	3.0/16.6	5653
2001 DA ₃₇	2002 07 17.2	19 45.43	-14 49.8	17.7	-0.91	- 3.7	2.6/18.3	11880	2000 AA ₂₀₁	2002 07 17.5	19 46.97	+13 13.9	19.5	-0.95	+ 2.6	10.5/21.1	30349
1999 XP ₂₄	2002 07 17.2	19 45.44	-26 01.4	19.8	-0.96	- 3.4	1.5/16.4	13629	1998 MW ₂	2002 07 17.5	19 47.00	-09 12.9	18.6	-0.94	- 2.1	5.5/19.4	31817
1999 XQ ₇₂	2002 07 17.2	19 45.46	-18 53.2	18.8	-1.03	- 2.5	1.0/17.6	11701	1999 TB ₁₃₄	2002 07 17.5	19 47.05	-20 13.3	20.7	-1.04	- 2.5	0.4/17.7	17049
1999 WT ₅	2002 07 17.2	19 45.57	-31 46.6	18.8	-1.09	- 3.0	3.9/15.6	31880	1999 TF ₂₄₈	2002 07 17.6	19 47.08	-10 02.3	18.8	-0.95	- 3.7	5.0/19.4	31871
1999 RC ₁₈₁	2002 07 17.2	19 45.62	-21 26.9	18.1	-1.07	- 3.8	0.1/17.2	31861	2000 BY ₈	2002 07 17.6	19 47.09	-38 16.1	20.0	-1.14	- 0.7	5.6/15.2	40097
1999 XK ₂₁₆	2002 07 17.2	19 45.63	-23 02.2	18.7	-0.90	- 4.7	0.6/16.9	30343	4673 T-3	2002 07 17.6	19 47.11	-33 27.5	18.9	-1.09	- 4.9	5.6/15.3	9938
2001 HV ₁₆	2002 07 17.2	19 45.64	-14 55.4	19.4	-0.89	- 3.1	2.3/18.3	27196	2000 AB ₁₉₁	2002 07 17.6	19 47.15	-11 07.0	19.5	-0.86	- 5.1	3.2/19.5	17141
2000 YE ₁₁₀	2002 07 17.2	19 45.72	-26 14.1	19.3	-1.09	- 3.2	2.1/16.5	11020	2000 CF ₂₅	2002 07 17.6	19 47.21	-10 08.9	18.9	-0.77	- 3.7	3.3/19.6	31897
2000 AB ₈₈	2002 07 17.2	19 45.74	-17 22.5	17.9	-0.98	- 1.0	1.5/17.8	31890	1999 VQ ₁₆₀	2002 07 17.6	19 47.26	-33 17.2	18.8	-1.10	- 2.0	5.3/15.9	15052
2001 HM ₂₃	2002 07 17.2	19 45.74	-14 23.9	20.0	-0.86	- 2.9	2.5/18.4	19933	2001 HM ₄₂	2002 07 17.6	19 47.28	-08 41.9	19.7	-0.76	- 2.6	3.6/20.0	13856
1999 TB ₁₉₄	2002 07 17.2	19 45.82	-35 24.5	18.8	-1.22	- 1.2	5.9/15.3	12175	2001 FH ₁₆₂	2002 07 17.6	19 47.30	-23 19.1	20.1	-0.86	- 1.9	0.6/17.3	16094
2001 AQ ₄₄	2002 07 17.3	19 45.88	-24 41.1	18.5	-1.04	- 3.4	1.3/16.8	31935	2001 FW ₆₇	2002 07 17.6	19 47.35	-32 21.9	18.6	-1.00	- 2.9	4.1/15.9	27767
2000 AF ₁₁	2002 07 17.3	19 45.89	-18 46.7	17.6	-0.92	- 1.2	0.9/17.7	13641	2000 AW ₁₇₆	2002 07 17.6	19 47.38	-10 05.8	18.8	-0.99	- 2.3	4.6/19.2	31893
1994 FU	2002 07 17.3	19 45.90	+09 06.4	19.8	-0.99	+ 0.2	10.4/21.3	27580	1998 OZ ₁₃	2002 07 17.6	19 47.39	-10 18.9	16.6	-0.81	-10.0	4.8/20.4	31818
2001 DZ ₄₈	2002 07 17.3	19 46.03	-33 33.4	18.6	-1.09	- 4.6	5.6/15.2	17558	1996 FM ₁₂	2002 07 17.7	19 47.39	-28 15.4	19.1	-1.03	- 1.8	2.6/16.7	14746
1993 FT	2002 07 17.3	19 46.04	-25 49.2	18.1	-1.00	- 1.9	1.9/16.7	12841	1999 UN ₄₈	2002 07 17.7	19 47.42	-21 51.9	18.0	-1.03	- 4.9	0.3/17.6	11620
2001 CY ₄	2002 07 17.3	19 46.06	-28 04.7	19.2	-1.10	- 2.7	2.5/16.3	14262	2001 HX ₅₉	2002 07 17.7	19 47.43	-05 28.5	19.2	-0.85	- 1.7	5.1/20.1	15829
1999 TS ₂₄₇	2002 07 17.3	19 46.09	-21 54.3	17.3	-0.98	- 5.3	0.3/17.2	31871	2001 HE ₁₉	2002 07 17.7	19 47.51	-13 42.0	20.4	-0.81	- 1.8	2.4/18.9	19933
1999 WW ₉	2002 07 17.3	19 46.11	-22 30.3	17.8	-1.13	- 5.1	0.6/17.1	1544	2001 EJ ₁₁	2002 07 17.7	19 47.51	-38 39.5	18.3	-1.07	- 2.7	6.7/14.8	13820
2001 CF ₂₀	2002 07 17.3	19 46.12	-37 48.2	18.3	-1.09	- 4.4	6.5/14.5	11842	1999 VN ₁₅₆	2002 07 17.7	19 47.57	-11 20.4	18.8	-0.88	- 1.2	3.2/19.2	31878
1999 YA ₂₃	2002 07 17.3	19 46.13	-16 50.3	18.8	-0.93	- 3.6	1.6/18.1	31888	2001 BQ ₄₃	2002 07 17.7	19 47.62	-19 11.8	19.8	-1.04	+ 0.8	0.7/18.0	12277
2001 DY ₉₅	2002 07 17.3	19 46.16	-29 20.5	20.7	-1.14	- 2.0	3.1/16.2	13817	2000 AO ₂₆	2002 07 17.7	19 47.67	-25 44.3	17.8	-0.92	- 3.9	1.8/17.0	31888
1999 XZ ₆₁	2002 07 17.3	19 46.23	-23 01.4	18.8	-1.07	- 2.1	0.7/17.1	1551	1999 VN ₁₉₄	2002 07 17.7	19 47.72	-18 00.3	19.5	-0.93	- 5.1	1.1/18.3	13625
1998 FS ₃₂	2002 07 17.3	19 46.24	-30 34.3	19.8	-1.21	- 1.0	4.0/16.2	10846	1999 UP ₃₅	2002 07 17.7	19 47.74	-09 51.3	18.3	-0.94	- 0.8	5.4/19.3	31873
1999 TX ₂₃₆	2002 07 17.4	19 46.21	-34 43.3	17.6	-1.06	- 6.0	5.1/14.8	14376	2001 FO ₁₈	2002 07 17.7	19 47.77	-14 49.5	18.1	-0.87	- 1.8	2.2/18.7	13825
1998 QS ₁₂	2002 07 17.4	19 46.24	-08 59.3	17.3	-0.85	- 5.3	5.5/19.7	25714	1994 CH ₁₀	2002 07 17.7	19 47.86	-28 45.9	18.3	-0.86	- 2.1	2.3/16.6	3126
2000 AC ₂₄₅	2002 07 17.4	19 46.25	+01 00.1	18.4	-0.86	- 3.9	7.9/21.5	31895	1999 XK ₁₈	2002 07 17.7	19 47.88	-18 07.5	18.9	-1.10	- 2.3	1.2/18.2	13628
2000 AE ₁₆	2002 07 17.4	19 46.28	-22 25.5	18.7	-1.04	- 2.1	0.5/17.2	31888	1999 UK ₁₄	2002 07 17.8	19 47.80	-15 01.1	20.1	-0.92	- 3.0	2.0/18.8	16042

2000 CT ₃₇	2002 07 17.8	19 47.82	-21 14.5	19.5	-0.82	- 2.8	0.0/17.8	13148	1998 XT ₁₇	2002 07 18.1	19 49.06	-13 36.1	18.3	-0.79	- 2.0	2.3/19.3	31847
1995 UV ₅₂	2002 07 17.8	19 47.87	-20 16.8	20.3	-1.01	- 2.2	0.3/17.9	15574	2001 DG ₇	2002 07 18.1	19 49.12	-32 59.3	19.1	-1.15	- 2.5	4.6/16.3	31939
2001 CH ₃₀	2002 07 17.8	19 47.87	-30 00.3	20.1	-1.05	- 2.5	3.2/16.5	12289	2000 YS ₂	2002 07 18.1	19 49.20	-30 20.2	20.6	-1.24	- 3.6	3.5/16.7	11012
1997 RF ₅	2002 07 17.8	19 47.90	-42 15.0	18.4	-1.14	+ 3.1	8.2/15.7	16761	1999 TY ₃₅	2002 07 18.1	19 49.26	-16 27.6	19.3	-1.06	- 2.6	1.9/18.8	2113
1999 TX ₂₁₂	2002 07 17.8	19 47.92	-09 58.1	18.6	-1.01	- 1.1	5.3/19.3	1506	1995 YC ₂	2002 07 18.1	19 49.26	-12 38.8	17.9	-0.98	- 1.8	3.6/19.3	31806
2001 DV ₉₈	2002 07 17.8	19 47.94	-14 03.1	16.4	-0.87	- 0.4	2.7/18.8	31941	1998 FQ ₄₇	2002 07 18.1	19 49.26	-14 05.4	18.9	-1.05	- 2.4	3.1/19.2	11490
2001 JX ₄	2002 07 17.8	19 48.02	-36 19.6	19.7	-0.97	- 3.8	4.8/15.1	31948	1999 TA ₂₈₉	2002 07 18.1	19 49.29	-17 09.0	19.5	-1.02	- 4.2	1.8/18.8	6950
1994 SF ₉	2002 07 17.8	19 48.05	-17 28.0	19.7	-0.91	- 2.9	1.4/18.4	10831	1999 UT ₃₄	2002 07 18.1	19 49.39	-16 29.6	20.0	-0.95	- 2.5	1.6/18.9	13617
2000 AY ₁₂₁	2002 07 17.8	19 48.12	-15 12.7	19.4	-0.88	+ 1.6	1.8/18.5	7518	1999 VG ₁₇₇	2002 07 18.1	19 49.43	-22 50.8	17.7	-1.03	- 7.4	0.8/17.8	11672
1999 XA ₁₆₇	2002 07 17.8	19 48.16	-36 55.8	19.4	-1.06	- 3.4	5.0/15.1	13068	2001 HE ₅₂	2002 07 18.1	19 49.43	-09 20.6	18.4	-0.83	- 0.7	4.1/19.9	31947
1999 VR ₁₃₅	2002 07 17.8	19 48.18	-15 16.9	19.1	-1.01	- 1.3	2.3/18.7	40400	2001 FW ₇	2002 07 18.1	19 49.45	-10 57.9	19.3	-1.02	+ 1.6	3.4/19.3	17572
2000 YL ₁₈	2002 07 17.8	19 48.18	-14 50.2	17.9	-1.04	+ 0.2	2.4/18.6	31929	2001 BQ ₇₁	2002 07 18.2	19 49.45	-17 25.0	18.8	-0.98	- 5.0	1.5/18.9	31937
1999 RM ₁₆	2002 07 17.8	19 48.21	-17 30.2	17.9	-1.04	- 3.7	1.6/18.5	31857	1999 VC ₁₈₇	2002 07 18.2	19 49.51	-16 09.9	20.2	-0.93	- 2.8	1.6/19.0	31879
2000 EZ ₁₁₁	2002 07 17.8	19 48.22	-24 41.5	19.5	-0.84	- 4.7	1.1/17.2	31903	2001 CG ₁₂	2002 07 18.2	19 49.52	-19 34.6	18.1	-1.03	- 6.4	0.6/18.5	31938
1999 VZ ₁₄₄	2002 07 17.8	19 48.24	-16 36.9	19.1	-0.99	- 0.4	1.6/18.5	1535	2000 AF ₅₅	2002 07 18.2	19 49.57	-20 38.3	19.1	-0.80	- 2.6	0.1/18.3	13103
1999 TG ₁₁₅	2002 07 17.8	19 48.25	-20 00.0	19.6	-1.04	- 1.4	0.4/18.0	30321	1999 XB ₇₁	2002 07 18.2	19 49.58	-15 40.0	19.9	-0.92	- 2.1	1.7/19.0	1552
1999 XX ₉₂	2002 07 17.8	19 48.25	-20 27.6	18.4	-0.91	- 3.4	0.2/18.0	13053	2000 DY ₁₀₅	2002 07 18.2	19 49.63	-04 10.8	18.5	-0.74	- 6.0	5.0/21.8	15064
2001 DU ₃₄	2002 07 17.9	19 48.21	-15 16.8	20.1	-1.00	- 4.8	2.2/18.9	13814	2001 HA ₂₀	2002 07 18.2	19 49.64	-14 38.9	19.2	-0.78	- 6.8	1.8/19.6	31947
2000 AB ₁₉₅	2002 07 17.9	19 48.21	-08 03.3	18.6	-0.79	- 1.6	4.1/19.9	13650	2001 CQ ₁₆	2002 07 18.2	19 49.65	-27 30.3	19.2	-1.09	- 2.3	2.6/17.3	13810
1999 XS ₂₁₂	2002 07 17.9	19 48.28	-09 33.6	19.6	-0.89	- 3.9	3.9/19.9	13639	2000 AJ ₁	2002 07 18.2	19 49.67	-04 34.1	19.2	-1.20	+ 4.8	6.0/19.1	39567
1999 VS ₁₉₃	2002 07 17.9	19 48.28	-12 58.2	17.4	-1.00	- 0.2	3.5/18.9	13625	1999 XJ ₂₄₁	2002 07 18.2	19 49.68	-46 17.1	19.7	-1.25	- 1.7	8.6/13.9	27656
2000 CM ₂₃	2002 07 17.9	19 48.36	-14 09.3	20.2	-0.82	- 2.4	2.2/19.1	31896	1999 XT ₁₇₀	2002 07 18.2	19 49.74	-32 43.9	16.2	-0.96	- 5.0	4.4/16.0	31886
2000 EF ₁₇₀	2002 07 17.9	19 48.39	-50 44.7	19.8	-1.16	- 0.7	8.1/13.0	19557	2000 CS ₁₀₆	2002 07 18.2	19 49.78	-03 32.7	20.6	-0.77	- 1.2	4.7/21.0	18233
1999 RY ₈₃	2002 07 17.9	19 48.42	-13 50.8	19.1	-1.00	- 5.2	3.1/19.2	12152	1999 XF ₁₆₂	2002 07 18.2	19 49.83	-39 55.6	18.9	-1.18	+ 0.4	6.8/15.8	13637
1999 TW ₃₀	2002 07 17.9	19 48.46	-21 28.7	19.8	-1.04	- 2.3	0.1/17.9	12946	2000 VJ ₆₂	2002 07 18.3	19 49.81	-61 51.1	18.6	-2.15	- 5.3	18.1/08.1	9865
2000 CV ₅₆	2002 07 17.9	19 48.47	-17 37.5	17.5	-0.81	- 5.5	1.2/18.6	39401	1999 XK ₁₄₅	2002 07 18.3	19 49.81	-11 10.1	18.1	-0.93	- 1.3	4.4/19.8	31885
2001 FE ₁₀₄	2002 07 17.9	19 48.49	-27 24.3	19.9	-1.10	- 0.4	2.3/17.2	17585	2001 BR ₃₆	2002 07 18.3	19 49.85	-13 06.8	20.7	-0.93	- 4.4	2.7/20.0	11035
1998 HO ₅	2002 07 17.9	19 48.53	-14 33.8	18.7	-1.03	- 4.1	2.6/19.1	31814	2000 AY ₁	2002 07 18.3	19 49.87	-18 52.8	17.9	-0.83	- 6.1	0.7/18.8	31888
1991 RF ₁₁	2002 07 17.9	19 48.59	-24 58.9	16.7	-1.10	- 1.1	1.6/17.5	31802	1999 UH ₉	2002 07 18.3	19 49.90	-18 23.4	19.1	-1.03	- 2.4	1.0/18.7	13617
1999 VH ₅₆	2002 07 17.9	19 48.60	-34 33.2	18.1	-1.08	- 4.1	6.2/15.6	12191	1999 XO ₁₀₃	2002 07 18.3	19 49.95	-24 25.2	18.2	-0.93	- 2.5	1.2/17.8	13634
2000 YM ₁₃₉	2002 07 17.9	19 48.60	-18 12.3	18.8	-0.97	- 1.6	1.0/18.4	13803	2001 DA ₈₁	2002 07 18.3	19 49.95	-29 20.1	19.8	-1.02	- 3.1	2.9/17.0	13816
2001 FV ₁₅₀	2002 07 17.9	19 48.61	-19 57.9	18.2	-0.87	- 1.2	0.4/18.2	17591	2001 DY ₉₉	2002 07 18.3	19 50.03	-01 17.2	18.6	-0.72	- 4.4	6.4/22.3	31941
1995 VZ ₆	2002 07 18.0	19 48.62	-18 17.6	19.6	-1.00	- 2.4	1.0/18.4	10833	1999 TE ₈	2002 07 18.3	19 50.10	-08 31.7	18.2	-0.98	- 2.8	6.0/20.0	40377
3337 T-3	2002 07 18.0	19 48.62	-21 41.4	18.7	-0.95	- 3.0	0.2/17.9	2805	2001 GY ₈	2002 07 18.3	19 50.20	-27 39.3	17.4	-0.98	- 8.7	2.7/16.9	31946
2000 WS ₁₄₃	2002 07 18.0	19 48.65	-25 31.0	19.0	-1.01	- 4.3	1.6/17.3	13798	2000 AD ₁₈₉	2002 07 18.3	19 50.20	-06 36.8	19.7	-0.90	- 3.0	5.1/20.7	19486
1998 HF ₁₀₇	2002 07 18.0	19 48.66	-28 08.9	16.3	-0.73	-11.0	3.9/16.1	31816	1998 SY ₁₀	2002 07 18.3	19 50.21	-14 07.8	17.0	-0.82	- 1.5	3.5/19.4	31829
1503 T-2	2002 07 18.0	19 48.69	-17 39.4	20.2	-1.01	- 2.5	1.3/18.5	13875	1999 TN ₉₃	2002 07 18.3	19 50.21	-22 09.6	18.9	-1.01	- 3.8	0.4/18.2	13611
2001 FM ₁₁	2002 07 18.0	19 48.70	-09 27.5	18.9	-0.86	- 3.8	4.0/20.1	13824	1998 XL ₄	2002 07 18.3	19 50.24	-26 31.8	18.4	-0.99	- 4.4	2.1/17.4	31847
2002 LR ₂₃	2002 07 18.0	19 48.70	-28 54.0	18.7	-0.99	- 6.9	3.3/16.4	31780	2001 FA ₃₁	2002 07 18.3	19 50.24	-20 39.4	20.6	-1.00	- 3.0	0.1/18.4	13828
2000 AQ ₂₄₇	2002 07 18.0	19 48.72	-34 40.5	19.2	-0.91	- 2.8	4.3/15.7	14195	1998 VT ₁₈	2002 07 18.4	19 50.24	-12 06.3	18.9	-0.76	- 0.9	2.4/19.7	31842
2000 BS ₁₄	2002 07 18.0	19 48.82	-36 42.3	18.9	-1.14	- 0.8	5.2/15.7	2335	1999 XW ₁₇₇	2002 07 18.4	19 50.29	-27 56.9	19.4	-0.86	- 4.1	2.2/17.2	13638
1995 UG ₁₃	2002 07 18.0	19 48.83	-22 21.1	20.1	-1.03	- 2.5	0.5/17.9	14349	2001 FL ₇₁	2002 07 18.4	19 50.32	-10 23.7	20.5	-0.97	- 4.8	3.8/20.3	15096
1999 VK ₉₀	2002 07 18.0	19 48.89	-32 40.7	18.5	-1.10	- 2.7	4.7/16.3	12193	2001 CG ₃₈	2002 07 18.4	19 50.33	-17 26.3	19.5	-0.93	- 3.5	1.3/19.0	17547
1999 VU ₂₇	2002 07 18.0	19 48.91	-14 21.2	17.8	-0.98	- 0.6	3.3/18.9	40392	1995 SO ₁₅	2002 07 18.4	19 50.37	-21 25.4	18.8	-1.07	- 2.4	0.2/18.4	16729
2000 VH ₅₉	2002 07 18.0	19 48.95	+06 27.9	18.0	-1.31	+ 7.0	13.8/19.4	9865	2000 DE ₅₉	2002 07 18.4	19 50.51	-18 57.5	19.0	-0.85	- 2.5	0.7/18.8	19522
2001 FF ₁₄₀	2002 07 18.0	19 49.00	-23 20.2	19.4	-0.84	- 2.2	0.8/17.7	17590	2001 FS ₁₅₆	2002 07 18.4	19 50.61	-25 14.5	18.4	-1.02	+ 0.8	1.5/18.0	31945
1998 RO ₆₃	2002 07 18.0	19 49.01	-25 19.6	18.6	-0.93	- 3.8	1.7/17.3	31826	2001 FD ₃₈	2002 07 18.5	19 50.65	-17 40.7	19.0	-1.08	- 1.5	1.4/19.0	12003
2000 BG ₁₆	2002 07 18.0	19 49.02	-18 22.1	18.3	-0.98	+ 0.9	0.9/18.4	31321	2001 BZ ₂₈	2002 07 18.5	19 50.66	-19 56.3	19.7	-1.02	- 3.5	0.4/18.7	17536
2001 HW ₁₄	2002 07 18.0	19 49.05	-28 28.5	19.6	-0.96	- 2.1	2.8/17.0	19932	2001 DW ₃₉	2002 07 18.5	19 50.70	-09 48.1	17.9	-0.89	- 4.7	5.2/20.6	18312
2000 WX ₁₈₅	2002 07 18.0	19 49.08	-43 11.5	17.1	-1.81	+ 9.9	11.9/17.8	13799	2000 AZ ₂₀	2002 07 18.5	19 50.72	-27 34.6	19.8	-0.95	- 3.5	2.1/17.4	13094
2000 YK ₁₁₁	2002 07 18.1	19 48.99	-25 36.0	18.4	-1.03	- 3.9	2.0/17.4	9548	1998 QK ₃₅	2002 07 18.5	19 50.75	-28 28.3	18.0	-1.04	- 2.4	3.3/17.3	25715

2437 T-3	2002 07 18.5	19 50.76	-24 48.6	19.7	-0.96	- 1.6	1.2/18.0	13877	1999 VZ ₇	2002 07 18.9	19 52.65	-13 36.5	18.3	-0.98	- 1.1	3.1/20.0	12974
1999 YX ₇	2002 07 18.5	19 50.81	-19 58.9	19.5	-1.02	- 2.5	0.5/18.7	2707	2000 YT ₂₈	2002 07 19.0	19 52.61	-20 25.5	16.6	-1.23	-27.0	0.2/19.2	31930
1998 FK ₆₀	2002 07 18.5	19 50.81	-29 39.6	18.1	-1.08	- 2.1	4.2/17.3	9699	1999 TN ₄₀	2002 07 19.0	19 52.61	-33 29.4	18.4	-1.15	- 2.8	5.1/17.0	31865
2000 EJ ₁₀₃	2002 07 18.5	19 50.84	-42 04.3	19.1	-0.97	- 4.0	5.5/14.4	31903	1988 TV ₁	2002 07 19.0	19 52.63	-16 58.2	18.6	-1.07	- 2.2	1.7/19.6	31801
1999 VR ₁₈₁	2002 07 18.5	19 50.86	-16 44.3	19.4	-1.02	- 1.7	2.0/19.2	17085	1999 XP ₉₆	2002 07 19.0	19 52.65	-31 44.9	18.7	-0.96	- 4.2	3.5/17.0	14381
1999 XR ₂₄	2002 07 18.5	19 50.93	-23 18.2	19.5	-1.09	- 4.2	0.9/18.2	1548	2002 LJ ₂₁	2002 07 19.0	19 52.77	-13 43.4	17.6	-0.91	+ 2.5	3.3/19.8	31780
2000 DF ₆₂	2002 07 18.5	19 50.93	-00 11.2	18.0	-0.69	- 5.1	6.4/23.0	31900	2001 DG ₇₃	2002 07 19.0	19 52.79	-41 55.2	17.4	-1.25	+ 4.0	9.9/17.1	30452
1998 SZ ₁₁₈	2002 07 18.5	19 50.99	-30 22.4	18.6	-1.01	- 2.2	3.5/17.1	25719	1999 XV ₈₁	2002 07 19.0	19 52.82	-17 16.8	22.9	-0.86	- 2.0	0.9/19.6	38841
1999 XS ₁₆₆	2002 07 18.5	19 51.00	-30 58.8	19.9	-1.12	- 2.7	3.7/17.0	31885	1999 XT ₂₃₀	2002 07 19.0	19 52.86	-18 14.0	21.1	-1.02	- 2.7	1.0/19.5	27656
4244 P-L	2002 07 18.5	19 51.00	-08 53.7	18.3	-0.86	- 2.1	6.0/20.6	32042	2000 CT ₅₆	2002 07 19.0	19 52.96	-19 27.1	18.3	-0.80	- 3.2	0.5/19.3	13655
2001 CE ₃₉	2002 07 18.5	19 51.01	-39 32.0	17.8	-1.15	- 0.9	7.7/16.1	12290	2001 FZ ₇₇	2002 07 19.0	19 53.05	-45 29.9	18.7	-1.06	- 2.6	7.7/14.6	31944
2000 YO ₃₂	2002 07 18.5	19 51.03	-29 21.7	16.5	-1.23	-32.2	4.3/15.5	31371	2001 BA ₄₅	2002 07 19.0	19 53.07	-21 51.8	18.8	-1.05	- 5.1	0.4/18.9	31936
2000 DB ₇₃	2002 07 18.5	19 51.07	-21 27.4	19.5	-0.80	- 2.2	0.1/18.5	2387	1999 XG ₇₈	2002 07 19.1	19 53.01	-05 05.6	17.5	-0.96	+ 2.0	6.6/20.8	31883
2000 DP ₁₁₆	2002 07 18.6	19 51.03	-07 22.4	18.8	-0.76	- 7.0	4.2/21.7	19530	2000 BV ₃₃	2002 07 19.1	19 53.11	-21 31.9	20.1	-0.80	- 2.8	0.2/19.0	19496
2001 FB ₃₆	2002 07 18.6	19 51.16	-29 28.4	17.8	-1.00	- 1.0	3.4/17.4	11999	1999 TG ₁₀₅	2002 07 19.1	19 53.18	-53 19.4	18.1	-1.44	- 0.5	12.4/14.2	13612
1998 RV ₆₈	2002 07 18.6	19 51.19	-23 54.7	18.0	-0.92	- 2.4	1.2/18.2	31827	2001 BC ₄₄	2002 07 19.1	19 53.19	-11 40.1	19.4	-0.88	- 6.5	3.3/21.1	13807
1999 RS ₂₄₇	2002 07 18.6	19 51.33	-21 24.9	17.6	-1.03	- 5.9	0.2/18.6	31863	1999 XN ₁₅	2002 07 19.1	19 53.21	-17 21.6	18.1	-0.99	- 4.1	1.6/19.7	31881
2409 T-3	2002 07 18.6	19 51.36	-23 35.3	18.4	-1.00	- 1.3	1.3/18.3	32043	2001 AZ ₁₀	2002 07 19.1	19 53.22	-16 07.4	18.1	-0.98	- 7.5	2.1/20.1	31933
2000 CH ₉₀	2002 07 18.6	19 51.40	-20 19.5	19.6	-0.84	- 2.9	0.2/18.8	19509	1998 QK ₁₀₇	2002 07 19.1	19 53.28	-16 45.0	18.2	-0.93	- 0.2	1.8/19.7	11506
2001 FJ ₁₆	2002 07 18.7	19 51.46	-02 57.4	20.3	-0.83	- 3.8	6.1/22.1	13825	2000 BB ₇	2002 07 19.1	19 53.29	-45 24.6	18.8	-1.05	- 2.2	7.4/14.8	31895
1999 UL ₄₆	2002 07 18.7	19 51.47	-31 18.0	19.5	-1.06	- 1.4	3.5/17.2	13618	1999 YJ	2002 07 19.1	19 53.30	-22 09.1	18.3	-1.02	-10.8	0.4/18.9	31887
1999 TQ ₂₂₃	2002 07 18.7	19 51.51	-16 59.8	18.8	-1.01	- 5.6	1.9/19.5	16042	2001 FW ₉₇	2002 07 19.1	19 53.30	+02 06.2	17.5	-0.71	- 5.7	8.0/24.5	31944
2000 ED ₅₇	2002 07 18.7	19 51.54	-38 34.1	19.0	-1.02	- 0.3	5.2/16.1	19539	2001 CL ₃₆	2002 07 19.1	19 53.34	-26 46.5	18.5	-1.04	- 5.2	2.3/18.1	12290
2001 FC ₃₂	2002 07 18.7	19 51.55	-01 17.3	20.1	-0.86	- 2.5	6.3/22.2	13324	1999 RM ₃₄	2002 07 19.1	19 53.37	-34 07.5	18.1	-1.20	- 1.5	6.3/17.1	12150
1998 SN ₁₃₈	2002 07 18.7	19 51.60	-26 45.1	19.8	-0.83	- 1.9	1.5/17.8	31836	1998 SH ₁₆₃	2002 07 19.1	19 53.41	-35 26.2	18.8	-1.02	- 1.2	6.3/16.9	33300
2001 DP ₆₈	2002 07 18.7	19 51.64	-21 13.3	18.9	-0.96	- 2.3	0.1/18.7	31940	4029 P-L	2002 07 19.1	19 53.45	-32 57.2	18.3	-1.07	- 0.3	5.9/17.5	26181
2001 CJ ₃₀	2002 07 18.7	19 51.64	-31 11.6	17.6	-1.02	- 7.0	5.1/16.6	29681	1999 VC ₂₅	2002 07 19.2	19 53.47	-23 16.7	17.9	-1.01	- 5.0	0.9/18.8	13620
1999 TX ₁₄₅	2002 07 18.7	19 51.66	-35 16.1	18.8	-1.15	- 2.6	5.6/16.5	13613	1999 RR ₂₃	2002 07 19.2	19 53.50	-32 25.5	18.7	-1.16	- 2.4	4.3/17.4	31857
3193 T-1	2002 07 18.7	19 51.68	-15 48.6	20.1	-0.97	- 1.5	2.3/19.5	3842	1999 RT ₂₀₄	2002 07 19.2	19 53.56	-34 25.4	18.1	-1.11	- 1.9	6.4/17.1	10914
1999 TM ₁₄₉	2002 07 18.7	19 51.68	-19 04.6	19.0	-1.04	- 2.2	0.7/19.0	31868	2001 DT ₈₇	2002 07 19.2	19 53.59	-11 44.5	16.8	-0.87	- 5.8	4.1/21.1	31402
2001 BO ₇₅	2002 07 18.7	19 51.69	-20 12.0	20.1	-0.99	- 3.8	0.3/18.9	13809	1999 AG ₂₃	2002 07 19.2	19 53.60	-16 50.8	18.1	-0.84	+ 0.5	1.1/19.8	30289
1999 JU ₅	2002 07 18.7	19 51.69	-60 14.9	19.6	-2.02	- 5.7	18.0/09.3	9724	2000 EZ ₁₆₆	2002 07 19.2	19 53.60	-37 33.3	18.2	-1.00	- 1.4	5.8/16.5	13662
2000 AU ₂₂₆	2002 07 18.7	19 51.74	-20 26.3	17.9	-0.91	- 1.6	0.2/18.8	25769	2001 KK ₆₂	2002 07 19.2	19 53.61	-07 44.4	19.3	-0.77	- 2.6	4.0/21.5	14324
2001 FO ₇₃	2002 07 18.7	19 51.75	-16 06.0	18.2	-0.79	- 3.7	1.7/19.7	16093	1998 SL ₁₂₁	2002 07 19.2	19 53.69	-02 27.6	19.3	-0.84	- 1.3	6.3/22.0	31835
2001 FK ₆₆	2002 07 18.7	19 51.77	-13 24.2	18.4	-0.88	- 5.1	2.9/20.2	31943	2001 FW ₆₀	2002 07 19.2	19 53.69	-03 31.3	18.9	-0.82	- 6.6	6.6/23.1	13311
1999 VN ₂₀₁	2002 07 18.7	19 51.81	-23 09.6	16.8	-0.93	+ 0.5	1.2/18.5	31879	1999 XW ₇₅	2002 07 19.2	19 53.69	+00 33.0	18.4	-0.88	+ 2.2	6.5/22.0	31310
1999 TY ₁₉₃	2002 07 18.7	19 51.83	-30 53.0	22.4	-0.99	- 2.3	2.7/17.2	667	1999 UQ ₃₄	2002 07 19.2	19 53.81	-31 39.0	17.6	-1.01	- 3.2	5.5/17.4	31873
1998 HB ₅₅	2002 07 18.8	19 51.81	-23 34.1	19.0	-1.12	- 2.1	1.1/18.4	13564	2000 DF ₆	2002 07 19.2	19 53.83	-32 52.6	18.0	-0.93	- 1.4	3.6/17.4	13657
1999 UM	2002 07 18.8	19 51.86	-24 42.8	19.8	-1.04	- 2.4	1.4/18.2	13616	1998 HX ₉₂	2002 07 19.2	19 53.83	-26 32.2	19.5	-1.14	- 2.8	2.3/18.4	13565
1999 TL ₁₄₈	2002 07 18.8	19 51.98	-09 08.8	18.2	-0.97	- 2.7	4.9/20.8	12173	1999 XW ₅₇	2002 07 19.2	19 53.85	-32 57.8	19.9	-1.04	- 5.3	3.9/16.9	38143
2001 DS ₄₇	2002 07 18.8	19 52.19	-13 29.8	19.7	-1.02	- 2.7	3.0/20.0	11886	1999 XM ₁₃₇	2002 07 19.3	19 53.82	-17 36.8	18.3	-1.02	- 4.5	1.5/19.9	2700
2001 CD ₄₀	2002 07 18.9	19 52.23	-29 53.0	20.2	-1.04	- 2.9	3.2/17.5	12291	1999 UZ ₇	2002 07 19.3	19 53.82	-29 06.1	19.2	-1.06	- 3.8	3.2/17.9	14376
1999 TB ₆	2002 07 18.9	19 52.32	-23 24.4	18.3	-1.02	- 5.2	1.2/18.5	10414	2000 EM ₇₇	2002 07 19.3	19 53.83	-32 15.1	16.5	-0.95	- 0.6	3.7/17.6	18240
1998 SL ₁₂₇	2002 07 18.9	19 52.35	-38 12.7	18.9	-1.14	- 4.0	6.9/15.5	4920	2000 AE ₂₀₉	2002 07 19.3	19 53.86	-21 53.6	19.5	-0.80	- 2.1	0.3/19.1	13651
1999 RX ₇	2002 07 18.9	19 52.41	-33 25.0	18.8	-1.19	- 1.7	6.1/17.0	40354	1997 GM ₁₇	2002 07 19.3	19 53.88	-17 08.9	19.4	-0.95	- 2.5	1.3/20.0	31809
1995 SN ₄₆	2002 07 18.9	19 52.42	-11 00.8	20.5	-0.95	- 4.6	3.9/20.8	15015	2001 AP ₄₈	2002 07 19.3	19 53.89	-25 45.2	17.2	-1.12	- 0.6	2.4/18.7	11029
1999 TC ₂₃₃	2002 07 18.9	19 52.44	-21 57.4	17.8	-0.99	- 9.1	0.4/18.7	31870	1999 TE ₂₅	2002 07 19.3	19 53.95	-11 58.6	19.2	-1.00	- 2.3	3.6/20.7	2659
1997 NW ₂	2002 07 18.9	19 52.46	-19 22.1	19.9	-0.86	- 0.5	0.5/19.2	13553	2000 CG ₂₈	2002 07 19.3	19 54.05	-10 04.1	18.2	-0.78	- 4.9	3.5/21.5	31897
2001 HK ₄₃	2002 07 18.9	19 52.47	-35 21.4	19.2	-0.93	- 3.2	4.7/16.3	13467	2001 DY ₄₄	2002 07 19.3	19 54.07	-20 16.3	18.9	-1.11	- 4.1	0.3/19.5	11884
1997 ES ₃₉	2002 07 18.9	19 52.50	-24 13.0	18.7	-1.10	- 1.4	1.2/18.5	175	1998 FE ₄₁	2002 07 19.3	19 54.08	-16 02.8	18.7	-1.05	- 3.9	2.1/20.2	13560
1998 WU ₃₀	2002 07 18.9	19 52.61	-19 22.0	17.9	-0.81	- 6.0	0.5/19.3	31846	1999 XY ₂₀₉	2002 07 19.3	19 54.09	-39 33.6	18.4	-1.07	- 3.2	6.3/16.0	14384

2001 CH ₂₆	2002 07 19.3	19 54.10	-17 37.1	18.9	-1.00	- 6.7	1.3/20.0	13249	1995 FF ₆	2002 07 19.6	19 55.46	-05 47.4	20.1	-0.75	- 4.5	4.5/22.7	13542
1999 RU ₁₂₅	2002 07 19.3	19 54.13	-18 57.3	19.4	-1.11	- 1.8	0.8/19.6	11546	1998 RS ₅₇	2002 07 19.6	19 55.47	-35 46.3	17.6	-1.04	- 1.3	5.7/17.4	31826
1999 XM ₂₇	2002 07 19.3	19 54.17	-11 16.7	18.9	-1.02	- 1.6	3.8/20.7	40407	1999 TD ₁₈₁	2002 07 19.6	19 55.48	-18 51.2	18.6	-1.02	- 4.0	0.8/20.0	31869
1998 QM ₉₆	2002 07 19.3	19 54.30	-25 38.8	16.6	-1.06	+ 2.9	2.0/18.9	31823	1999 XV ₇	2002 07 19.6	19 55.52	-33 45.6	17.8	-1.22	- 3.0	6.4/17.4	38131
2000 AF ₁₀₄	2002 07 19.4	19 54.22	+01 23.8	17.8	-0.86	+ 0.2	7.4/22.7	31891	1999 YN	2002 07 19.7	19 55.42	-17 35.1	16.8	-1.11	-12.3	1.3/20.0	31887
1998 SP ₁₁₈	2002 07 19.4	19 54.26	-17 27.4	19.0	-0.92	- 2.5	1.5/20.0	27611	2001 HK ₃₂	2002 07 19.7	19 55.42	-08 20.7	20.8	-0.85	- 2.1	3.9/21.8	16095
1990 VA ₅	2002 07 19.4	19 54.29	-13 37.4	20.4	-0.91	- 3.3	2.5/20.6	5390	1995 WQ ₅	2002 07 19.7	19 55.43	-43 02.9	18.2	-1.26	-25.2	10.8/10.8	31806
2001 ES ₉	2002 07 19.4	19 54.44	-32 20.2	19.7	-1.05	- 1.6	4.0/17.7	13820	2000 DW ₆	2002 07 19.7	19 55.44	-38 23.6	19.4	-0.99	- 1.8	5.9/16.7	13163
2000 AX ₁₇₇	2002 07 19.4	19 54.49	-08 42.1	18.5	-0.83	- 3.2	3.9/21.6	31893	2001 FV ₁₄₈	2002 07 19.7	19 55.45	-13 50.8	19.4	-0.97	- 0.3	2.5/20.7	13845
2001 GJ ₁₁	2002 07 19.4	19 54.50	-10 20.4	19.9	-0.85	- 5.4	3.3/21.6	23619	1999 VP ₁₉₂	2002 07 19.7	19 55.51	-16 48.9	18.6	-1.09	+ 0.3	1.8/20.0	13009
1999 TE ₂₉₃	2002 07 19.4	19 54.50	-08 02.2	20.5	-0.88	- 1.2	3.8/21.4	17064	1999 VP ₃₅	2002 07 19.7	19 55.54	-11 09.4	17.3	-0.95	- 1.1	4.1/21.1	40393
1998 XN	2002 07 19.4	19 54.53	-20 25.7	18.3	-0.82	+ 0.1	0.1/19.5	31847	2000 YJ ₆₀	2002 07 19.7	19 55.55	-19 48.7	17.6	-0.98	- 5.3	9.6/09.0	31931
1999 XE ₁₆₄	2002 07 19.4	19 54.53	-24 34.9	18.9	-0.96	- 2.9	1.2/18.8	2701	1998 FS ₆₅	2002 07 19.7	19 55.56	-17 45.7	18.2	-1.05	- 2.0	1.3/20.2	10847
1999 VC ₁₉₂	2002 07 19.4	19 54.54	-44 57.1	18.3	-1.19	- 4.2	9.4/14.7	12200	2001 FK ₁₇₅	2002 07 19.7	19 55.62	-45 46.1	18.2	-1.06	- 3.9	8.2/14.8	13847
1999 VO ₇₇	2002 07 19.4	19 54.60	-36 55.4	18.1	-1.16	- 2.7	6.9/16.7	13623	1999 TQ ₂₇₁	2002 07 19.7	19 55.65	-25 53.1	17.7	-1.11	+ 0.4	2.3/19.1	31871
2001 DL ₆₆	2002 07 19.4	19 54.61	-15 47.3	19.4	-0.95	- 3.1	1.8/20.3	12301	1999 VC ₈₉	2002 07 19.7	19 55.70	-14 38.5	17.9	-0.95	- 2.7	2.8/20.8	331
1999 TH ₁₆₅	2002 07 19.4	19 54.68	-24 24.9	20.1	-1.07	- 1.6	1.3/19.0	16042	2001 DX ₉₀	2002 07 19.7	19 55.70	-20 50.0	20.1	-1.02	- 2.6	8.5/30.0	13817
1999 XO ₇	2002 07 19.4	19 54.71	-38 46.7	17.4	-1.13	- 1.2	6.0/16.7	31880	2000 DW ₄	2002 07 19.7	19 55.75	-29 59.7	19.1	-1.06	- 2.8	3.1/18.2	39439
1999 XP ₂₄₅	2002 07 19.5	19 54.62	-16 10.6	19.7	-1.04	- 4.6	2.1/20.0	8469	1999 VH ₈₆	2002 07 19.7	19 55.77	-13 04.8	19.3	-0.98	- 4.4	3.2/21.1	11653
1996 AZ ₁₆	2002 07 19.5	19 54.68	-18 04.0	19.4	-0.94	- 2.9	1.1/20.0	12851	1999 XE ₉₅	2002 07 19.7	19 55.79	-23 35.8	19.4	-0.81	- 4.5	0.8/19.2	13054
2000 XF ₉	2002 07 19.5	19 54.71	-21 59.8	18.6	-1.31	+ 5.2	0.5/19.4	11008	1999 RU ₁₇₉	2002 07 19.7	19 55.79	-27 40.1	19.4	-1.14	- 4.8	3.2/18.5	17037
1999 VW ₇₃	2002 07 19.5	19 54.80	-18 10.3	20.3	-0.98	- 3.2	0.9/20.0	15051	1998 QX ₉₄	2002 07 19.7	19 55.83	-22 11.9	16.6	-1.09	+ 4.5	0.6/19.7	31823
1999 WL ₅₉	2002 07 19.5	19 54.81	-23 19.4	16.7	-0.93	- 3.3	1.1/19.1	31882	1999 XV ₂₀₆	2002 07 19.7	19 55.84	-35 59.3	20.0	-0.96	- 4.6	4.4/16.7	14172
1998 WA ₃₅	2002 07 19.5	19 54.85	-20 59.1	19.9	-0.88	- 2.1	0.1/19.5	19352	1997 KE ₃	2002 07 19.8	19 55.84	+00 37.1	18.4	-0.87	+ 0.1	8.9/22.6	33344
1999 TK ₂₀₀	2002 07 19.5	19 54.87	-38 25.5	20.7	-1.11	- 3.4	5.7/16.3	19459	1999 UZ ₄₃	2002 07 19.8	19 55.88	-42 54.2	18.8	-1.20	- 1.5	8.0/16.3	13618
2000 YZ ₆₁	2002 07 19.5	19 54.87	-21 07.7	18.9	-1.02	- 1.6	0.1/19.5	31931	1998 HU ₃₂	2002 07 19.8	19 55.90	-26 04.5	17.0	-0.97	- 3.0	2.7/18.9	30268
2001 FU ₃₂	2002 07 19.5	19 54.88	+11 45.9	20.4	-0.98	- 0.4	10.5/24.4	14421	1998 RH ₂₂	2002 07 19.8	19 55.92	-02 53.8	20.2	-0.85	- 3.6	6.3/23.0	18168
1999 XE ₁₂₇	2002 07 19.5	19 54.91	-32 33.9	16.5	-1.12	- 1.2	5.5/17.8	31884	3276 T-3	2002 07 19.8	19 55.93	-23 52.3	21.7	-0.85	- 2.4	0.9/19.3	6169
2001 CN ₈	2002 07 19.5	19 54.96	-14 25.5	19.0	-0.82	- 6.5	2.2/21.0	12285	2000 AF ₉₂	2002 07 19.8	19 56.02	-23 00.1	17.1	-0.96	+ 2.6	0.7/19.6	31318
2001 CH ₄₄	2002 07 19.5	19 54.98	-42 12.1	19.4	-1.11	- 4.3	7.9/15.5	12291	1999 XT ₁₀	2002 07 19.8	19 56.12	-11 23.2	19.1	-0.96	0.0	3.3/21.1	16043
2001 BE ₆₈	2002 07 19.5	19 54.99	-22 48.5	19.2	-1.04	- 3.8	0.7/19.2	12281	2000 AR ₁₁₅	2002 07 19.8	19 56.20	-09 37.0	17.6	-0.91	+ 3.2	3.9/21.0	31319
2001 DY ₁₀₂	2002 07 19.5	19 55.06	-26 40.4	19.1	-1.12	- 4.6	2.4/18.6	11922	1999 VG ₇₂	2002 07 19.8	19 56.23	-17 09.2	18.2	-1.06	- 1.8	1.6/20.0	1526
1999 TF ₁₃	2002 07 19.5	19 55.08	-43 02.9	18.5	-1.15	- 4.4	8.0/15.2	13610	1999 XU ₅₆	2002 07 19.8	19 56.25	-17 57.0	20.3	-1.00	- 2.6	1.1/20.3	17097
1998 SF ₁₂₉	2002 07 19.5	19 55.09	-49 54.3	20.0	-1.10	- 1.6	7.0/14.2	31835	1999 RX ₁₇₆	2002 07 19.8	19 56.29	-14 57.8	18.1	-1.02	- 3.4	2.6/20.9	12156
2000 AB ₅₉	2002 07 19.5	19 55.10	-27 28.7	18.7	-1.12	+ 1.2	2.5/18.8	4549	2000 YL ₁₃₉	2002 07 19.8	19 56.29	-14 51.4	18.8	-1.00	- 1.9	2.1/20.8	12267
2001 CR ₇	2002 07 19.6	19 55.02	-17 24.5	16.5	-0.83	- 8.2	1.5/20.4	13809	1998 SU ₁₂₀	2002 07 19.9	19 56.24	-42 04.7	19.0	-1.08	- 2.5	8.5/16.1	14122
1999 XC ₁₁₂	2002 07 19.6	19 55.07	-22 16.5	19.8	-1.05	- 2.7	0.6/19.4	15053	2000 AM ₁₈₇	2002 07 19.9	19 56.34	-21 27.7	18.2	-0.91	- 7.4	0.2/19.8	31893
1998 WK ₂₅	2002 07 19.6	19 55.13	-32 54.4	21.0	-0.89	- 2.6	3.5/17.5	16874	1999 YU ₂₇	2002 07 19.9	19 56.34	-41 29.8	19.0	-1.24	- 2.2	7.7/16.2	18224
1999 UA ₄₃	2002 07 19.6	19 55.15	-21 51.1	19.3	-1.07	- 1.3	0.4/19.5	14146	1999 XV ₂₅₈	2002 07 19.9	19 56.37	-24 32.3	19.7	-0.93	- 4.1	1.3/19.2	17120
2000 AD ₁₉₆	2002 07 19.6	19 55.17	-06 58.7	20.1	-0.88	- 1.1	4.5/21.7	26929	2001 CP ₃	2002 07 19.9	19 56.38	-26 35.2	18.4	-1.06	- 3.0	2.2/19.0	12284
2000 AA ₃₅	2002 07 19.6	19 55.20	-30 34.5	18.0	-1.08	+ 1.1	3.6/18.4	27657	1999 XE ₂₄₃	2002 07 19.9	19 56.38	-37 26.7	19.4	-1.05	- 1.0	5.1/17.3	2253
1999 TT ₁₅	2002 07 19.6	19 55.25	-03 49.4	19.1	-0.90	- 0.2	5.7/22.0	12943	1999 XO ₁₆₃	2002 07 19.9	19 56.41	-21 57.6	19.7	-0.94	- 3.4	0.4/19.7	6264
2001 FD ₁₁₉	2002 07 19.6	19 55.25	-16 58.0	18.5	-1.11	- 0.8	1.6/20.2	31945	1998 XD ₇₈	2002 07 19.9	19 56.42	-19 25.5	20.1	-0.76	- 4.3	0.3/20.2	5510
2000 YE ₁₁₅	2002 07 19.6	19 55.25	-22 52.4	19.3	-0.99	- 4.4	0.8/19.3	15094	1998 XP ₈	2002 07 19.9	19 56.43	-17 29.5	18.0	-0.84	- 3.7	1.3/20.5	31847
1999 XF ₃₈	2002 07 19.6	19 55.27	-24 00.4	18.3	-1.02	- 1.6	1.1/19.2	31882	2000 BX ₂₉	2002 07 19.9	19 56.43	-23 27.3	19.9	-0.94	- 2.6	0.9/19.5	13653
2001 DS ₉₂	2002 07 19.6	19 55.30	-23 14.4	20.0	-1.03	- 3.1	0.9/19.3	13263	2002 LA ₁₃	2002 07 19.9	19 56.44	-23 03.7	16.7	-0.77	-11.1	1.2/19.3	31776
1999 VJ ₁₈₆	2002 07 19.6	19 55.30	-23 02.5	20.1	-0.96	- 3.7	0.8/19.3	11674	2001 HQ ₅₈	2002 07 19.9	19 56.45	-11 14.4	19.2	-0.85	0.0	3.2/21.3	14933
2000 CG ₂₉	2002 07 19.6	19 55.32	-09 38.8	18.4	-0.79	- 5.5	4.0/21.9	31897	2001 EA ₁	2002 07 19.9	19 56.45	-26 34.1	18.3	-1.02	- 5.3	2.3/18.8	31941
2001 FD ₁₆₂	2002 07 19.6	19 55.34	-02 07.1	18.4	-0.79	- 2.2	6.3/23.0	31945	2000 AZ ₇₆	2002 07 19.9	19 56.47	-15 45.8	18.3	-0.92	- 1.4	1.8/20.7	30346
2000 AQ ₁₂₈	2002 07 19.6	19 55.38	-19 49.4	19.1	-0.80	- 1.3	0.3/19.8	39577	2000 ER ₁₈₅	2002 07 19.9	19 56.57	-23 47.4	18.5	-1.03	- 1.2	1.3/19.5	2434
2000 YL ₅	2002 07 19.6	19 55.44	-42 05.0	16.9	-1.37	-24.8	10.7/11.9	31367	1999 RM ₂₀₁	2002 07 19.9	19 56.63	-12 13.3	17.6	-0.96	+ 3.4	4.8/20.8	31269

2000 AZ ₁₉₅	2002 07 20.0	19 56.63	-10 39.2	18.9	-0.83	- 1.0	3.3/21.5	31894	2000 CG ₁₁₂	2002 07 20.3	19 58.19	-15 50.6	19.4	-0.84	+ 0.2	1.5/21.0	31899
1995 ES ₆	2002 07 20.0	19 56.66	-21 59.7	20.2	-0.82	- 2.2	0.4/19.8	16005	1998 SA ₁₄₂	2002 07 20.3	19 58.22	-26 51.3	17.9	-0.93	- 5.0	2.5/19.1	30286
4122 T-3	2002 07 20.0	19 56.76	-23 07.7	19.8	-1.03	- 3.8	0.9/19.6	12344	1999 RK ₁₈₉	2002 07 20.3	19 58.23	-25 53.4	18.8	-1.09	- 2.0	1.9/19.6	31862
2000 DK ₄	2002 07 20.0	19 56.76	-24 57.6	21.0	-0.83	- 2.8	1.1/19.3	19513	1998 WU ₅	2002 07 20.3	19 58.24	-03 21.0	18.9	-0.90	+ 0.7	6.4/22.6	20709
2001 BL ₄₄	2002 07 20.0	19 56.78	-48 26.6	19.7	-1.55	+ 4.3	9.2/17.7	11828	2000 BV ₅	2002 07 20.4	19 58.21	-23 21.5	20.1	-0.83	- 2.6	0.8/19.9	40097
2001 CY ₁₂	2002 07 20.0	19 56.81	-17 23.7	17.1	-0.89	-10.0	1.4/20.9	31938	2000 AS ₅₈	2002 07 20.4	19 58.24	-25 08.8	19.7	-0.88	+ 0.1	1.2/19.8	40431
1999 UU ₄₇	2002 07 20.0	19 56.91	-14 01.4	19.7	-1.02	- 0.6	2.4/21.0	17069	1998 SA ₁₂	2002 07 20.4	19 58.29	-08 52.0	19.9	-0.76	- 2.3	3.3/22.5	31829
1998 WE	2002 07 20.0	19 56.97	-20 37.2	18.6	-0.77	- 2.6	0.0/20.1	31844	2000 BK ₁₀	2002 07 20.4	19 58.34	-18 21.1	19.2	-0.84	- 4.1	0.8/20.9	40446
2001 FV ₆₇	2002 07 20.0	19 57.00	+12 45.3	19.0	-0.78	- 6.2	12.0/28.8	31943	2001 FU ₄₂	2002 07 20.4	19 58.35	-22 52.4	18.7	-0.86	- 2.7	0.7/20.0	13829
1999 RZ ₈₈	2002 07 20.0	19 57.08	-25 10.7	17.0	-1.08	- 0.6	2.2/19.5	10892	2001 FQ ₁₈₈	2002 07 20.4	19 58.37	-19 16.2	17.4	-0.89	- 8.0	0.6/20.7	31946
1999 PR ₄	2002 07 20.1	19 57.07	-14 52.5	18.2	-1.06	- 3.3	2.5/21.1	11529	1999 UY ₃₂	2002 07 20.4	19 58.43	-32 42.1	17.9	-1.02	- 3.4	6.5/18.2	3453
2001 FV ₅₁	2002 07 20.1	19 57.08	-16 25.3	19.5	-0.81	- 2.7	1.3/20.9	17579	2000 DW ₁₇	2002 07 20.4	19 58.46	-15 56.8	18.8	-0.85	- 0.2	1.5/21.1	31899
2127 T-3	2002 07 20.1	19 57.22	-36 38.0	18.9	-1.08	- 1.3	5.1/17.7	13876	1999 RQ ₁₅₈	2002 07 20.4	19 58.46	-18 14.3	17.2	-0.98	- 4.1	1.2/20.9	12155
1995 WT ₃₆	2002 07 20.1	19 57.26	-12 25.9	20.0	-0.91	- 3.6	3.0/21.7	10308	2000 EC ₁₈₀	2002 07 20.4	19 58.48	-25 13.2	18.7	-0.82	- 4.8	1.4/19.5	26943
2001 HY ₃₂	2002 07 20.1	19 57.26	-29 20.2	18.9	-0.86	- 2.2	2.6/18.7	31947	1999 VG ₁₃₂	2002 07 20.4	19 58.50	-19 14.4	19.9	-1.03	- 3.5	0.6/20.7	3462
1999 VB ₃₆	2002 07 20.1	19 57.39	-19 34.7	18.5	-1.02	- 2.4	0.4/20.4	31875	1998 FQ ₇₁	2002 07 20.4	19 58.50	-15 49.4	18.5	-0.96	- 3.6	2.3/21.3	31813
2000 WW ₁₅₇	2002 07 20.1	19 57.39	-34 40.8	19.2	-1.17	- 3.9	5.1/17.7	12257	2000 DF ₆₉	2002 07 20.4	19 58.53	-13 30.3	19.8	-0.75	- 2.7	2.0/21.7	31900
2001 FY ₈₇	2002 07 20.1	19 57.40	-28 25.0	18.2	-0.93	- 4.4	2.9/18.7	31944	2000 YM ₁₄₂	2002 07 20.4	19 58.57	-10 42.5	19.5	-0.99	- 0.6	3.7/21.9	18309
4326 P-L	2002 07 20.1	19 57.48	-18 58.5	18.7	-0.86	- 0.3	0.9/20.4	30771	1999 TH ₇₄	2002 07 20.4	19 58.58	-14 53.0	20.2	-1.01	- 3.4	2.2/21.5	19457
1999 VD ₁₆₈	2002 07 20.1	19 57.48	-02 03.6	19.3	-0.94	+ 0.9	7.1/22.7	14152	1999 XN ₁₆₁	2002 07 20.4	19 58.65	-22 02.3	18.6	-0.98	- 1.9	0.5/20.3	31885
1999 JC ₁₄	2002 07 20.1	19 57.52	-53 05.9	18.6	-1.71	-11.1	14.5/10.9	8058	2000 AY ₁₆₈	2002 07 20.4	19 58.68	-07 16.0	19.5	-0.85	- 2.5	4.2/22.8	16046
1998 FB ₆₇	2002 07 20.2	19 57.46	-26 17.1	18.3	-1.13	- 3.8	2.4/19.3	31813	2001 BF ₂₄	2002 07 20.5	19 58.64	-20 55.1	18.4	-1.08	- 1.2	0.1/20.5	10697
1996 CJ ₂	2002 07 20.2	19 57.53	-31 44.8	17.3	-0.97	- 4.4	3.7/18.1	31807	2001 DX ₂₂	2002 07 20.5	19 58.74	-22 23.7	20.6	-0.89	- 3.3	0.6/20.2	11870
1999 XA ₄₇	2002 07 20.2	19 57.55	-25 30.7	18.1	-1.00	- 2.6	2.0/19.4	13630	1998 VS ₄₉	2002 07 20.5	19 58.75	-10 29.8	19.5	-0.80	- 1.4	3.2/22.2	31844
2000 AN ₁₀₀	2002 07 20.2	19 57.60	-27 17.6	17.5	-1.09	- 6.7	2.9/18.9	40435	1999 VQ ₅₃	2002 07 20.5	19 58.76	-23 42.6	17.8	-1.00	- 2.6	1.5/20.0	9770
1998 QU ₅₄	2002 07 20.2	19 57.69	-23 45.7	16.6	-0.96	+ 0.6	1.6/19.9	31821	2000 BN ₉	2002 07 20.5	19 58.78	-14 43.9	18.6	-0.91	- 6.9	2.1/21.8	2729
1999 TX ₂₂	2002 07 20.2	19 57.70	-25 57.2	19.5	-1.04	- 3.2	1.9/19.4	13610	1999 XW ₃₆	2002 07 20.5	19 58.80	-34 55.5	18.1	-1.16	- 1.5	5.8/18.3	13630
1999 XR ₂₇	2002 07 20.2	19 57.72	-27 59.3	17.6	-1.05	- 6.7	3.6/18.7	31881	2001 EV ₉	2002 07 20.5	19 58.83	-17 47.0	18.7	-0.87	- 4.3	1.1/21.1	31941
1999 XU ₂₄₂	2002 07 20.2	19 57.72	-39 03.0	19.7	-0.92	- 2.0	4.5/17.1	30344	2001 BT ₆₉	2002 07 20.5	19 58.84	-19 59.7	16.1	-0.96	- 7.7	0.3/20.7	31937
1999 XQ ₂₀₆	2002 07 20.2	19 57.72	-34 04.6	17.7	-1.24	+ 2.7	5.9/18.8	30343	1999 XN ₈₂	2002 07 20.5	19 58.87	-17 51.1	16.7	-0.88	- 2.1	1.5/21.0	2697
2001 FE ₇₁	2002 07 20.2	19 57.76	-46 30.0	20.7	-1.13	0.0	8.3/16.6	14422	2000 CP ₁₂	2002 07 20.5	19 58.94	-09 15.8	17.3	-0.78	- 4.8	4.0/22.9	31896
2000 DZ ₁₉	2002 07 20.2	19 57.79	-12 56.4	18.0	-0.79	- 5.8	2.7/21.9	13165	2000 AA ₅	2002 07 20.5	19 58.95	-23 36.9	19.1	-0.98	- 1.3	1.0/20.1	2708
1998 KJ ₂₀	2002 07 20.2	19 57.79	-22 13.9	18.9	-1.04	- 4.5	0.7/20.0	9710	2001 BM ₆₄	2002 07 20.5	19 59.08	-41 33.9	18.4	-1.41	+ 3.5	7.5/18.7	12280
1999 TY ₅₄	2002 07 20.2	19 57.80	-24 19.1	20.9	-1.03	- 2.4	1.4/19.7	12947	1999 UG ₄₂	2002 07 20.6	19 59.01	-05 35.4	19.2	-0.97	- 2.1	5.9/22.9	14146
2001 DQ ₁₈	2002 07 20.2	19 57.80	-22 51.8	17.7	-0.93	- 7.0	0.8/19.8	31939	2001 AR ₁₆	2002 07 20.6	19 59.06	-21 24.7	17.8	-1.07	+ 0.2	0.3/20.5	31386
1981 EW ₁₅	2002 07 20.2	19 57.81	-31 52.3	20.0	-0.95	- 0.9	3.1/18.6	962	2000 CC ₁₁₂	2002 07 20.6	19 59.15	-09 29.2	20.0	-0.80	- 0.7	3.3/22.3	18233
2001 FR ₉₀	2002 07 20.2	19 57.83	-20 49.6	19.8	-0.83	- 3.0	0.0/20.3	14423	2001 BA ₃₃	2002 07 20.6	19 59.17	-21 16.9	19.0	-1.08	- 2.0	0.3/20.5	12276
2000 EX ₁₁₉	2002 07 20.2	19 57.85	-37 53.5	18.5	-0.95	- 1.7	5.6/17.3	13662	1998 HP ₁	2002 07 20.6	19 59.18	-29 45.9	18.9	-1.05	- 4.0	4.2/19.0	31814
1994 CX	2002 07 20.2	19 57.90	-14 12.2	20.3	-1.01	- 3.9	2.4/21.4	13540	1998 KX ₃₁	2002 07 20.6	19 59.20	-16 36.6	18.2	-1.02	- 3.5	1.6/21.3	31817
2000 DC ₃₆	2002 07 20.3	19 57.85	-19 38.4	18.6	-0.82	- 2.5	0.3/20.5	31900	2001 DB ₄₄	2002 07 20.6	19 59.24	-32 16.2	18.5	-1.02	+ 1.6	4.2/19.3	12299
1998 FB ₁₀₆	2002 07 20.3	19 57.85	-11 29.1	16.8	-0.98	+ 0.9	4.9/21.4	31813	2000 DV ₅₄	2002 07 20.6	19 59.26	-18 55.6	18.0	-0.80	- 2.4	0.5/20.9	31900
1999 XK ₁₉	2002 07 20.3	19 57.90	-20 46.0	19.2	-1.05	- 3.6	0.0/20.3	13028	2001 BU ₄₄	2002 07 20.6	19 59.28	-19 43.0	18.7	-0.99	- 4.9	0.3/20.8	31936
2000 AF ₁₁₃	2002 07 20.3	19 57.90	-09 36.4	18.9	-0.98	+ 2.4	4.3/21.5	17134	1999 VZ ₃₂	2002 07 20.6	19 59.32	-11 29.5	18.8	-0.88	- 1.6	3.1/22.1	13620
1999 UP ₂₇	2002 07 20.3	19 57.90	-22 04.0	18.6	-1.06	- 2.4	0.6/20.1	31872	2000 BE ₃₁	2002 07 20.6	19 59.38	-17 57.2	19.3	-0.82	- 2.8	0.8/21.1	31896
1999 LC ₁₅	2002 07 20.3	19 57.92	-37 14.8	18.7	-1.37	-19.2	7.9/15.3	17010	1999 XC ₁₅₂	2002 07 20.6	19 59.40	-31 30.3	20.9	-0.96	- 3.5	3.5/18.7	11720
1999 TU ₁₃	2002 07 20.3	19 57.94	-33 43.0	17.0	-1.12	- 3.8	6.3/17.9	12163	2001 FG ₁₆₆	2002 07 20.6	19 59.41	-23 10.0	19.7	-0.83	- 2.7	0.9/20.2	17594
2002 LB ₅₈	2002 07 20.3	19 57.99	-06 23.1	18.8	-0.77	- 4.3	5.0/23.2	31788	1999 XU ₁₄	2002 07 20.6	19 59.48	-40 27.3	19.3	-1.13	- 8.2	6.7/15.9	13027
2001 JH ₇	2002 07 20.3	19 58.04	-19 13.1	17.9	-0.78	- 4.2	0.5/20.6	31948	2000 AR ₉₈	2002 07 20.7	19 59.44	-25 08.8	17.3	-1.00	- 5.7	1.8/19.8	31890
1994 JG ₅	2002 07 20.3	19 58.09	-17 06.0	19.8	-1.00	- 3.0	1.4/21.0	12109	4134 P-L	2002 07 20.7	19 59.48	-28 37.6	19.4	-1.19	- 1.4	3.4/19.6	11064
2000 AL ₁₉	2002 07 20.3	19 58.10	-25 08.0	18.7	-1.06	- 2.9	2.1/19.6	13093	1999 XP ₂₃₅	2002 07 20.7	19 59.50	-12 08.0	20.7	-0.84	- 1.0	2.7/22.1	13082
1999 XE ₃₆	2002 07 20.3	19 58.10	-14 55.2	19.1	-0.83	- 2.2	1.6/21.3	40409	1999 UW ₃₆	2002 07 20.7	19 59.51	-09 51.1	19.3	-0.98	- 3.8	5.0/22.7	19462

2001 FE ₃₇	2002 07 20.7	19 59.63	-17 26.0	20.9	-1.00	- 3.3	1.1/21.3	12001	1996 AU ₁₃	2002 07 21.2	20 01.47	-29 00.5	19.3	-0.99	- 2.6	3.4/19.7	30250
1998 HA ₁₄	2002 07 20.7	19 59.69	-52 07.9	19.2	-1.47	-10.4	13.0/12.2	16810	1998 FR ₂₆	2002 07 21.2	20 01.48	-21 10.6	18.3	-1.09	- 4.8	0.3/21.1	31812
2001 BX ₃₇	2002 07 20.7	19 59.71	-07 03.9	18.7	-0.94	- 3.5	6.1/23.3	9635	1999 VN ₁₆₄	2002 07 21.2	20 01.54	-11 05.2	18.9	-0.99	- 1.3	3.7/22.6	684
2001 FW ₄₁	2002 07 20.7	19 59.77	-23 23.7	19.9	-1.04	- 2.9	1.0/20.3	12006	2002 KD ₄	2002 07 21.2	20 01.64	-13 41.8	17.8	-1.20	+ 6.4	2.6/21.7	31758
1999 UT ₅₆	2002 07 20.7	19 59.79	-11 19.4	18.7	-0.99	0.0	4.4/22.1	26922	1999 XN ₂₄₂	2002 07 21.2	20 01.68	+04 31.9	18.2	-0.83	- 0.8	8.7/25.5	31887
2000 DY ₃	2002 07 20.8	19 59.83	-35 53.2	18.1	-0.95	- 0.3	4.8/18.5	13657	1997 GV ₁₃	2002 07 21.2	20 01.69	-15 24.3	20.4	-0.93	- 2.6	1.9/22.1	14750
1999 SK ₃	2002 07 20.8	19 59.91	-23 10.0	17.8	-1.32	+ 4.4	1.0/20.6	38083	2000 AF ₁	2002 07 21.2	20 01.72	-18 45.4	17.7	-0.84	- 3.5	0.7/21.6	31888
1999 TU ₁₄₀	2002 07 20.8	19 59.94	-13 18.7	18.5	-0.96	- 2.1	3.1/22.0	31868	2000 BT ₁₈	2002 07 21.2	20 01.80	-23 59.2	19.4	-0.94	- 1.0	1.1/20.7	10949
1995 ST ₄₄	2002 07 20.8	20 00.03	-12 21.2	17.8	-0.96	- 2.7	4.2/22.1	14740	2001 FX ₁₃₇	2002 07 21.3	20 01.83	-04 00.4	19.2	-0.73	- 5.2	5.1/25.0	17589
2000 CE ₆₇	2002 07 20.8	20 00.04	-02 32.8	19.8	-0.80	- 5.1	6.1/24.6	13153	2000 AZ ₄₆	2002 07 21.3	20 01.84	-27 09.3	18.0	-0.92	- 0.1	2.2/20.3	30345
1999 XM ₂₁₉	2002 07 20.8	20 00.08	-21 52.4	19.3	-0.87	- 3.6	0.5/20.6	23511	1998 SY ₇₉	2002 07 21.3	20 01.89	-26 41.8	19.0	-0.98	- 1.3	2.4/20.3	30284
1999 XV ₁₉₈	2002 07 20.8	20 00.14	-26 31.7	19.5	-1.13	- 2.1	2.4/19.9	3479	1998 SS ₁₉	2002 07 21.3	20 01.89	-19 55.3	18.4	-0.96	- 2.5	0.2/21.4	25718
1999 RK ₁₉₂	2002 07 20.8	20 00.17	-14 37.7	19.8	-0.93	- 4.5	2.1/22.0	13607	2000 AN ₇₆	2002 07 21.3	20 01.90	-18 21.7	19.2	-0.94	- 4.4	0.7/21.7	31890
1997 MS ₆	2002 07 20.8	20 00.18	-28 01.0	18.7	-0.94	- 6.7	2.7/19.2	1005	1999 RO ₃₈	2002 07 21.3	20 01.90	-10 52.6	18.5	-1.04	- 3.7	3.9/22.9	31858
2001 CU ₁₆	2002 07 20.8	20 00.18	-26 41.6	17.5	-0.90	- 5.8	2.9/19.6	31938	2001 CH ₅	2002 07 21.3	20 01.93	-27 38.9	19.0	-1.10	- 3.0	2.7/20.1	12284
1998 XX ₄₀	2002 07 20.8	20 00.23	-19 57.7	17.3	-0.87	+ 0.7	0.2/21.0	31847	2000 CZ ₄₈	2002 07 21.3	20 01.95	-10 15.5	20.9	-0.76	- 3.7	2.8/23.3	23514
2001 EN ₁₁	2002 07 20.9	20 00.22	-07 03.7	18.5	-0.74	- 5.0	4.2/23.8	31942	2001 GZ ₃	2002 07 21.3	20 02.09	-21 01.7	19.8	-0.90	- 5.9	0.2/21.2	13849
1999 UX ₄₃	2002 07 20.9	20 00.28	-29 38.8	20.0	-1.11	- 1.8	3.6/19.5	14794	1998 XF ₂₆	2002 07 21.3	20 02.11	-19 47.1	19.3	-0.78	- 2.6	0.2/21.5	23465
2001 BQ ₆₉	2002 07 20.9	20 00.32	-18 29.9	19.5	-1.03	- 5.4	0.8/21.3	12281	1999 XG ₁₁	2002 07 21.3	20 02.12	-19 09.4	18.2	-1.07	- 0.1	0.6/21.5	12205
1998 HE ₁₁₉	2002 07 20.9	20 00.34	-28 21.2	19.0	-1.10	- 5.7	3.3/19.4	9076	1999 XY ₄₅	2002 07 21.3	20 02.15	-12 10.7	19.7	-0.96	- 1.2	3.2/22.6	11695
1999 TP ₁₉₁	2002 07 20.9	20 00.54	-31 42.7	19.9	-1.16	- 1.1	4.1/19.3	3449	1999 RX ₂₉	2002 07 21.3	20 02.16	-51 08.7	17.8	-1.87	+ 8.0	12.8/20.8	13604
1998 SZ ₈₄	2002 07 20.9	20 00.59	-21 44.9	18.1	-0.91	- 4.1	0.4/20.8	31833	1998 RU ₄₅	2002 07 21.3	20 02.21	-22 48.3	18.2	-0.93	- 1.6	0.8/21.0	31825
2000 AV ₁₉₈	2002 07 20.9	20 00.60	-05 34.1	17.6	-0.76	- 3.3	5.1/23.8	31894	1999 RJ ₉	2002 07 21.3	20 02.28	-24 42.3	19.6	-1.09	- 2.4	1.5/20.7	13604
1157 T-3	2002 07 20.9	20 00.63	-12 42.8	18.1	-0.86	- 0.1	2.7/22.1	32043	1999 RG ₁₈₇	2002 07 21.3	20 02.31	-28 29.5	18.3	-1.14	- 2.6	3.1/20.1	31862
1999 VR ₆₄	2002 07 20.9	20 00.64	-24 16.7	18.5	-0.99	- 3.5	1.5/20.3	31876	2001 CN ₁₈	2002 07 21.4	20 02.21	-15 04.9	19.0	-1.03	- 5.4	2.2/22.4	13810
2001 DP ₇	2002 07 20.9	20 00.70	-28 11.0	18.8	-1.13	- 4.3	3.1/19.6	12293	1999 XV ₁₅₉	2002 07 21.4	20 02.24	-25 03.8	18.4	-0.95	- 6.3	1.5/20.4	40421
1999 XL ₁₅₄	2002 07 21.0	20 00.66	+02 01.5	17.8	-0.94	+ 1.8	9.6/23.9	31885	1999 XO ₇₂	2002 07 21.4	20 02.29	-20 29.2	18.4	-0.98	- 2.9	0.0/21.4	11701
2000 AT ₈₅	2002 07 21.0	20 00.77	-16 49.0	17.9	-0.79	- 6.9	1.2/21.9	31890	2000 AA ₁₇₆	2002 07 21.4	20 02.34	-06 27.9	20.3	-0.93	- 0.3	4.7/23.4	17140
1999 UG ₁₇	2002 07 21.0	20 00.85	-33 22.1	19.3	-1.21	- 0.9	5.5/19.2	10471	1998 SK ₃₅	2002 07 21.4	20 02.38	-31 10.2	17.7	-1.01	- 1.3	4.5/19.7	31830
1999 XC ₁₂₃	2002 07 21.0	20 00.91	-21 41.9	18.2	-1.11	+ 0.8	0.5/20.9	18220	1999 AB	2002 07 21.4	20 02.40	-16 49.8	17.1	-0.91	+ 2.3	1.1/21.9	31848
2001 BJ ₆₇	2002 07 21.0	20 00.93	-56 24.4	19.4	-1.50	+ 1.0	10.9/15.8	13808	2001 FL ₆₆	2002 07 21.4	20 02.43	-10 25.2	19.7	-0.84	- 4.5	3.2/23.5	13834
1998 XD ₁₃	2002 07 21.0	20 00.98	-33 46.0	20.2	-0.91	- 4.0	4.3/18.4	13586	2001 GC ₃	2002 07 21.4	20 02.45	-34 55.1	16.9	-0.95	-11.5	5.3/17.4	31412
2001 DA ₃₂	2002 07 21.0	20 01.01	-25 09.9	20.0	-0.94	- 2.9	1.7/20.3	11876	1998 VP ₄	2002 07 21.4	20 02.46	-08 50.9	18.5	-0.80	- 1.4	3.7/23.4	31841
1999 WA ₅	2002 07 21.0	20 01.07	-19 32.4	17.7	-1.05	- 5.9	0.4/21.3	40401	1999 VD ₂₆	2002 07 21.4	20 02.53	-13 09.1	18.8	-0.93	- 1.7	2.6/22.6	13620
2001 FL ₁₄	2002 07 21.0	20 01.09	-28 49.7	20.1	-0.92	- 2.0	2.7/19.7	13825	2001 BO ₇₃	2002 07 21.4	20 02.56	-17 35.1	18.6	-1.02	- 4.4	1.2/22.0	16091
2001 FP ₁₆₀	2002 07 21.1	20 01.04	-21 30.4	19.4	-0.81	- 5.4	0.3/20.9	14425	2000 CS ₉₃	2002 07 21.4	20 02.57	-13 10.5	17.1	-0.87	+ 0.5	2.5/22.5	31899
1999 VK ₇₁	2002 07 21.1	20 01.06	-27 36.1	18.9	-1.02	- 3.3	2.7/19.9	13622	1999 YD ₁₀	2002 07 21.4	20 02.59	-19 44.2	20.9	-1.01	- 4.1	0.3/21.6	37989
2000 AX ₇₄	2002 07 21.1	20 01.07	-15 28.6	17.1	-0.94	- 5.1	2.2/22.1	31890	2002 KC ₂	2002 07 21.4	20 02.61	-10 26.0	17.4	-1.06	+ 5.6	4.6/22.2	31755
2001 FM ₁₂₈	2002 07 21.1	20 01.12	-52 15.6	21.2	-1.32	- 3.5	8.6/14.9	13842	2000 AR ₂₃	2002 07 21.4	20 02.61	-26 50.0	18.6	-0.93	- 3.7	2.2/20.3	31888
2000 AY ₁₆₆	2002 07 21.1	20 01.15	-04 31.0	18.6	-0.73	- 3.0	4.6/24.3	31893	2001 DE ₁₇	2002 07 21.4	20 02.63	-29 25.5	19.2	-1.02	- 4.2	3.3/19.8	13813
2001 DN ₅₁	2002 07 21.1	20 01.16	-26 42.7	19.9	-0.96	- 5.4	2.1/19.9	12300	1999 VO ₃₆	2002 07 21.4	20 02.68	-36 41.1	17.4	-1.03	- 4.5	5.1/18.2	14377
2000 CS ₅₆	2002 07 21.1	20 01.17	-19 14.3	17.3	-0.80	- 2.4	0.5/21.4	31898	1999 VK ₃₃	2002 07 21.4	20 02.69	-22 12.8	20.0	-0.93	- 2.9	0.5/21.2	13620
2001 FH ₄₉	2002 07 21.1	20 01.21	-29 58.8	18.2	-0.93	- 0.6	3.0/19.7	31943	2000 AF ₉₆	2002 07 21.5	20 02.60	-16 02.1	18.3	-0.86	- 5.5	1.5/22.4	31890
2000 DT ₆₈	2002 07 21.1	20 01.21	-30 33.9	20.1	-0.90	- 0.9	2.8/19.5	19524	1999 VO ₉₁	2002 07 21.5	20 02.64	-31 54.6	18.7	-1.07	- 3.2	4.7/19.5	11654
1994 RD ₁₁	2002 07 21.1	20 01.22	+09 40.1	17.8	-1.00	-17.8	14.3/31.6	9678	2000 EU ₈₄	2002 07 21.5	20 02.64	-07 35.8	18.1	-0.77	- 2.1	4.1/23.8	31903
2000 AW ₉₉	2002 07 21.1	20 01.25	-28 14.2	18.4	-1.03	- 5.1	2.8/19.6	13646	1999 TB ₁₇₈	2002 07 21.5	20 02.66	-06 33.5	17.7	-0.88	- 3.2	6.9/24.1	31869
1999 TR ₃₄	2002 07 21.1	20 01.27	-53 47.2	20.7	-1.55	- 2.1	11.5/14.4	11571	2001 FT ₁₄₇	2002 07 21.5	20 02.72	-20 09.5	18.8	-0.86	- 2.5	0.1/21.6	14270
1999 VS	2002 07 21.1	20 01.30	-12 40.3	19.0	-0.98	- 5.1	3.4/22.6	11623	2001 HO ₆₄	2002 07 21.5	20 02.73	-02 14.1	18.9	-0.82	- 1.3	6.0/24.6	31947
2001 FU ₄₄	2002 07 21.1	20 01.45	-37 37.0	18.5	-0.97	- 1.2	5.3/18.5	20838	2001 HC ₃₂	2002 07 21.5	20 02.73	-18 12.7	19.0	-0.84	- 3.2	0.7/21.9	20839
1999 VJ ₉₈	2002 07 21.1	20 01.46	-26 03.5	18.4	-0.99	- 3.6	2.6/20.2	31877	2001 DB ₆₄	2002 07 21.5	20 02.74	-21 19.7	20.1	-1.05	- 2.4	0.3/21.4	10811
1999 TB ₁₅₂	2002 07 21.1	20 01.47	-25 07.1	18.9	-1.05	- 4.6	1.8/20.3	11589	2001 DM ₉₄	2002 07 21.5	20 02.75	-19 26.0	18.9	-1.05	- 1.2	0.4/21.7	13817

1999 TB ₃₉	2002 07 21.5	20 02.80	-17 41.1	19.2	-0.97	- 5.7	1.0/22.1	13611	1999 RH ₁₇₅	2002 07 22.0	20 04.91	-30 20.1	18.7	-1.17	- 1.5	3.9/20.5	13607
1998 QG ₅₀	2002 07 21.5	20 02.80	-42 20.0	17.8	-1.22	+ 2.0	9.9/18.5	31821	1258 T-2	2002 07 22.0	20 04.98	-32 15.7	18.8	-1.14	- 1.4	4.7/20.2	13875
1999 TX ₃₃	2002 07 21.5	20 02.81	-09 31.3	18.8	-0.97	- 3.0	5.6/23.4	653	2001 FD ₁₁₇	2002 07 22.0	20 05.01	+16 23.7	19.8	-0.73	- 5.4	11.5/01.7	13841
2001 GN ₇	2002 07 21.5	20 02.87	-22 02.5	18.6	-0.81	- 5.5	0.5/21.2	14427	1999 TL ₂₀₀	2002 07 22.0	20 05.01	-14 28.8	18.4	-1.03	- 2.9	2.5/23.1	1505
2000 CE ₈₀	2002 07 21.5	20 03.00	-11 17.5	18.6	-0.75	- 4.2	2.8/23.4	31898	1999 XT ₃₁	2002 07 22.0	20 05.05	-18 46.1	19.1	-0.93	- 2.6	0.5/22.4	30339
2001 FE ₇₈	2002 07 21.5	20 03.05	+11 30.3	18.0	-0.72	- 3.1	9.7/29.0	31944	1998 VK ₂₁	2002 07 22.0	20 05.06	-35 53.4	19.2	-0.89	- 2.4	4.2/19.2	13584
2000 DT ₉₉	2002 07 21.6	20 03.01	-21 07.7	17.4	-0.79	- 5.5	0.2/21.5	31901	1999 UW ₅₂	2002 07 22.1	20 05.00	+00 21.2	18.8	-0.85	- 4.7	7.3/26.6	31873
1999 XJ ₁₁₄	2002 07 21.6	20 03.19	-20 09.7	18.2	-1.06	+ 1.2	0.1/21.7	18220	1999 XG ₁₃₅	2002 07 22.1	20 05.19	-28 07.8	22.4	-0.82	- 3.2	1.7/20.6	40419
2000 YE ₅₃	2002 07 21.6	20 03.19	-20 42.7	17.8	-1.17	+ 0.1	0.1/21.6	31930	2000 AS ₅₆	2002 07 22.1	20 05.20	-22 52.2	18.6	-0.85	- 5.2	0.8/21.6	23512
2001 HQ ₁₇	2002 07 21.6	20 03.21	-16 11.6	20.5	-0.94	- 2.9	1.5/22.4	27196	2001 FW ₁₅₉	2002 07 22.1	20 05.22	-14 49.6	19.8	-0.92	- 3.1	1.8/23.1	13367
4798 P-L	2002 07 21.6	20 03.25	-26 45.7	17.4	-0.97	- 1.8	3.3/20.6	577	1998 KC ₅₆	2002 07 22.1	20 05.27	-04 11.5	17.1	-0.93	- 5.4	6.1/25.5	31817
2001 DT ₁₀₃	2002 07 21.6	20 03.28	-21 27.3	18.2	-1.12	- 0.2	0.4/21.5	31941	2001 HM ₂₉	2002 07 22.1	20 05.29	+07 30.6	19.6	-0.77	- 1.0	8.0/27.4	16095
1999 RC ₁₈₂	2002 07 21.6	20 03.31	-16 50.9	17.3	-1.00	- 3.9	1.8/22.3	11552	2000 AX ₅₁	2002 07 22.1	20 05.29	-29 19.9	18.7	-1.10	- 2.0	3.4/20.7	13643
1998 SZ ₁₄₇	2002 07 21.6	20 03.34	-08 31.4	18.7	-0.85	- 3.3	4.2/23.8	31837	1997 GC ₁₇	2002 07 22.1	20 05.29	-27 54.4	19.6	-1.02	- 1.9	2.8/20.9	13552
2000 AB ₁₃₃	2002 07 21.6	20 03.36	-31 01.8	18.7	-1.02	+ 1.1	3.3/20.3	40438	2000 AV ₅₃	2002 07 22.1	20 05.33	-21 31.7	18.7	-0.94	- 4.1	0.5/21.9	3487
1998 RC ₅₅	2002 07 21.6	20 03.48	-13 06.9	18.3	-0.88	- 1.5	2.6/22.9	25717	1999 XQ ₉₈	2002 07 22.1	20 05.35	-24 39.5	18.5	-0.98	- 3.0	1.5/21.4	31884
1999 HL ₂	2002 07 21.6	20 03.48	+26 55.9	18.1	-1.00	- 1.1	24.0/02.0	31854	1999 TY ₆	2002 07 22.1	20 05.39	-28 06.5	16.6	-1.02	- 1.6	4.0/20.9	12162
1999 XZ ₈	2002 07 21.7	20 03.42	-53 16.7	18.7	-1.56	-10.5	12.6/11.3	13025	2001 BW ₃₃	2002 07 22.1	20 05.42	-14 45.9	19.7	-0.99	- 4.7	2.0/23.3	13806
2001 DK ₇₀	2002 07 21.7	20 03.46	-18 50.3	19.7	-1.00	- 3.4	0.6/22.0	11899	1999 VT ₁₃₃	2002 07 22.1	20 05.43	-03 00.5	20.3	-0.86	- 2.2	5.4/25.4	13000
1999 UT ₈	2002 07 21.7	20 03.47	+13 04.1	19.5	-0.86	- 0.5	9.9/28.1	14376	1999 VD ₁₅	2002 07 22.1	20 05.45	-15 50.3	19.0	-0.99	- 3.0	1.6/23.0	31874
2001 FW ₂₈	2002 07 21.7	20 03.51	-29 17.9	18.1	-0.86	- 3.4	3.2/20.0	31407	1999 WD ₁₇	2002 07 22.1	20 05.45	-11 33.5	18.1	-0.86	- 2.6	4.8/23.8	1545
1999 TZ ₁₁	2002 07 21.7	20 03.55	-12 30.0	17.3	-0.89	- 2.9	4.2/23.1	31273	2000 AF ₁₅	2002 07 22.1	20 05.47	-31 55.0	18.5	-0.88	- 5.7	3.4/19.7	14385
2001 KE ₁₉	2002 07 21.7	20 03.56	+03 34.6	18.3	-0.75	- 1.2	8.0/25.9	31414	2001 EY ₁₀	2002 07 22.1	20 05.47	-54 47.2	19.0	-1.51	+ 1.3	12.6/16.7	13820
1999 UQ ₁₂	2002 07 21.7	20 03.57	-08 51.4	18.6	-1.01	- 2.8	5.8/23.6	31872	1999 XH ₆₇	2002 07 22.1	20 05.49	-16 20.1	20.0	-1.00	- 2.7	1.6/22.9	14800
2000 XH ₅₀	2002 07 21.7	20 03.58	-30 22.4	17.8	-0.98	- 5.5	3.7/19.7	13800	2001 FY ₁₆₁	2002 07 22.2	20 05.42	-28 28.1	18.6	-0.93	- 6.2	2.7/20.4	14426
1998 SL ₇₆	2002 07 21.7	20 03.68	+05 05.6	18.5	-0.83	- 1.9	10.3/26.7	27611	2000 CT ₁₀₃	2002 07 22.2	20 05.43	-05 41.0	18.5	-0.76	- 2.8	4.3/25.0	31899
2001 JC ₈	2002 07 21.7	20 03.74	-42 43.2	18.0	-1.03	- 4.8	7.5/16.5	31948	2000 AM ₈	2002 07 22.2	20 05.43	-29 52.6	18.7	-1.01	- 2.3	4.0/20.5	31888
2001 FR ₁₇₉	2002 07 21.7	20 03.74	-27 57.4	19.6	-0.98	- 5.0	2.6/20.3	13387	1999 VE ₁₇₇	2002 07 22.2	20 05.47	-13 48.4	19.2	-0.96	- 5.8	2.8/23.5	11672
1998 QW ₄₈	2002 07 21.7	20 03.82	-05 18.6	16.8	-0.82	- 6.9	6.0/25.4	31820	1998 QG ₄₇	2002 07 22.2	20 05.47	-32 27.5	17.9	-1.00	- 1.4	5.7/20.1	31820
1997 BY ₂	2002 07 21.7	20 03.88	-24 09.1	19.5	-1.04	- 3.9	1.3/21.1	14107	2001 GG ₅	2002 07 22.2	20 05.52	-46 12.7	17.1	-1.06	- 2.2	9.5/17.2	31946
2001 BF ₇₇	2002 07 21.8	20 03.80	-25 50.9	18.6	-1.08	- 5.8	2.1/20.7	31937	1999 XS ₉₇	2002 07 22.2	20 05.55	-19 06.9	18.3	-1.04	- 2.6	0.5/22.4	38845
1999 TN ₁₇₈	2002 07 21.8	20 03.85	-19 10.4	19.1	-0.99	- 4.1	0.4/22.0	2667	2000 EY ₄₁	2002 07 22.2	20 05.58	-21 57.4	17.8	-0.86	- 2.4	0.5/21.9	31902
1999 XU ₁₇₃	2002 07 21.8	20 03.85	-33 13.8	19.1	-0.98	- 6.3	3.9/19.0	1557	1998 RO ₇₃	2002 07 22.2	20 05.71	-12 09.8	18.6	-0.86	- 2.2	3.0/23.7	30281
2610 T-3	2002 07 21.8	20 03.98	-21 11.8	18.0	-1.04	- 2.3	0.3/21.7	32044	2001 FL ₉₂	2002 07 22.2	20 05.73	-18 16.1	16.8	-0.89	- 8.2	0.9/22.7	12061
1999 SU ₁₁	2002 07 21.8	20 04.04	-12 57.7	19.1	-0.97	- 4.9	3.0/23.3	11560	2001 BE ₁₅	2002 07 22.2	20 05.75	-19 08.4	18.5	-1.02	- 4.5	0.5/22.5	31935
1996 WF	2002 07 21.8	20 04.05	-23 34.0	18.9	-1.13	- 3.3	1.4/21.3	31808	1999 XM ₁₂₃	2002 07 22.2	20 05.76	-29 24.8	19.1	-1.10	- 2.0	3.4/20.8	13061
1998 VG ₄₁	2002 07 21.8	20 04.19	-21 46.7	20.6	-0.78	- 2.5	0.4/21.6	8051	2000 AN ₁₃	2002 07 22.2	20 05.81	-20 58.5	18.5	-1.04	- 2.2	0.3/22.2	13091
2001 FC ₁₇	2002 07 21.8	20 04.20	-23 46.4	20.2	-1.00	- 2.7	1.2/21.3	17573	1997 QX	2002 07 22.2	20 05.81	-28 32.0	19.0	-0.92	- 0.5	2.7/21.0	13553
2000 XR ₁₃	2002 07 21.8	20 04.21	-04 08.8	15.8	-1.59	+15.7	9.0/21.2	31364	1999 XH ₁₁₆	2002 07 22.2	20 05.83	-09 23.0	19.9	-0.98	- 0.6	3.7/23.9	2699
2000 GL ₈₃	2002 07 21.8	20 04.23	-12 30.3	18.4	-0.76	- 4.3	2.4/23.5	14410	2001 BC ₄	2002 07 22.2	20 05.90	-31 15.4	19.1	-1.19	- 1.0	4.7/20.7	13805
2001 DD ₈₈	2002 07 21.8	20 04.31	-30 13.6	18.6	-1.14	+ 0.8	3.9/20.6	13263	2001 DP ₁₀₂	2002 07 22.3	20 05.84	-28 36.4	18.9	-1.02	- 5.0	3.1/20.7	13818
1998 ST ₉₇	2002 07 21.9	20 04.26	-13 08.6	18.4	-0.84	- 4.0	2.9/23.3	13580	1999 UV ₁₁	2002 07 22.3	20 05.85	-22 00.6	19.6	-0.98	- 3.4	0.7/22.0	13617
1999 XW ₇₆	2002 07 21.9	20 04.34	-18 08.7	18.5	-1.05	- 2.6	0.9/22.3	1221	2000 YT ₉₆	2002 07 22.3	20 05.87	-20 22.1	18.7	-1.04	- 2.4	0.0/22.3	31932
2000 WZ ₂	2002 07 21.9	20 04.40	+13 00.2	18.5	-1.47	+11.4	17.3/22.2	9866	1999 WO	2002 07 22.3	20 05.89	-26 07.6	17.3	-0.86	- 4.7	3.1/21.1	12202
2000 CD ₁₂₃	2002 07 21.9	20 04.49	-22 32.6	19.6	-0.88	- 3.3	0.7/21.6	31899	1999 XG ₁₅₃	2002 07 22.3	20 05.97	-26 12.6	17.1	-0.93	- 2.7	3.0/21.3	31885
1999 WZ ₉	2002 07 21.9	20 04.57	-25 46.2	17.6	-1.03	- 2.9	2.1/21.0	31880	2001 DE ₄₁	2002 07 22.3	20 06.03	-22 26.9	18.8	-1.13	- 0.2	0.9/22.0	11882
2001 FB ₁₃₃	2002 07 22.0	20 04.66	-28 48.7	19.8	-0.90	- 1.7	2.6/20.6	13346	1998 YR ₈	2002 07 22.3	20 06.03	-12 50.4	18.0	-0.76	- 5.5	2.3/24.0	31848
2000 AR ₁₀₃	2002 07 22.0	20 04.73	-21 21.0	19.6	-1.02	- 7.6	0.4/21.8	2717	1999 TM ₁₂₆	2002 07 22.3	20 06.09	-28 19.9	19.5	-1.16	- 1.0	3.4/21.1	12953
1999 VJ ₅₆	2002 07 22.0	20 04.73	-11 21.6	19.4	-0.98	- 2.8	3.4/23.5	14149	1995 SG ₃₄	2002 07 22.3	20 06.12	-23 20.5	19.4	-0.94	- 2.4	1.6/21.8	9038
1999 XF ₂₄₅	2002 07 22.0	20 04.78	-14 02.7	19.3	-0.89	- 5.4	2.4/23.3	12221	1999 XT ₇	2002 07 22.3	20 06.15	-34 29.5	17.5	-1.17	0.0	5.1/20.2	13628
1999 XW ₁₂₁	2002 07 22.0	20 04.82	-21 25.9	18.4	-1.11	+ 0.1	0.5/21.9	2699	1998 QA ₈₇	2002 07 22.3	20 06.21	-09 35.3	18.0	-0.90	- 0.1	3.5/24.0	31822

2001 CD ₁₇	2002 07 22.3	20 06.23	-22 32.8	19.0	-1.09	- 5.1	0.9/22.0	12286	1999 RL ₁₁₄	2002 07 22.6	20 07.17	-11 28.0	18.4	-1.01	- 4.5	3.7/24.3	31859
2001 DK ₇₅	2002 07 22.3	20 06.24	-18 54.8	19.4	-1.02	- 3.3	0.6/22.6	15095	2001 ET ₆	2002 07 22.6	20 07.18	-30 19.4	17.3	-0.98	- 3.8	4.5/20.7	31941
2000 AY ₄₆	2002 07 22.3	20 06.24	-23 42.8	19.9	-0.97	- 3.7	1.2/21.7	4548	2001 BB ₇₂	2002 07 22.6	20 07.23	-06 42.2	18.4	-0.94	- 1.1	4.7/25.0	13247
1993 FA ₂₉	2002 07 22.3	20 06.29	-38 42.7	17.9	-1.19	+ 1.3	7.6/20.1	13537	1999 XY ₇₉	2002 07 22.6	20 07.25	-27 31.9	19.6	-0.91	- 4.5	2.4/21.2	13048
1999 XG ₁₂	2002 07 22.4	20 06.22	-23 59.1	17.5	-1.19	+ 0.9	1.7/21.9	687	1999 XC ₁₆₅	2002 07 22.6	20 07.30	-28 39.2	18.5	-0.96	- 1.7	2.6/21.2	693
2001 CR ₄	2002 07 22.4	20 06.23	-21 07.7	19.4	-1.05	- 5.5	0.3/22.2	12284	1999 XX ₁₂	2002 07 22.6	20 07.30	-00 44.1	19.5	-0.84	- 2.1	6.4/26.3	13628
1999 VD ₁₉₇	2002 07 22.4	20 06.24	-16 03.1	18.2	-0.86	- 7.6	2.3/23.4	11676	1999 RC ₁₇	2002 07 22.6	20 07.34	-23 02.3	18.8	-1.15	- 0.1	1.2/22.3	12149
1999 SO ₄	2002 07 22.4	20 06.24	-28 42.9	17.4	-1.10	- 2.6	3.4/21.0	31863	2001 BV ₆₂	2002 07 22.6	20 07.36	-16 05.5	19.6	-1.06	- 4.3	1.8/23.4	12280
2000 AJ ₂₄₂	2002 07 22.4	20 06.28	-02 51.1	19.3	-0.71	- 3.4	4.6/26.1	15058	1999 XV ₂₀₅	2002 07 22.6	20 07.38	-42 19.2	19.0	-1.00	- 7.6	5.9/17.2	13078
1999 XE ₅₇	2002 07 22.4	20 06.30	-24 00.1	19.3	-0.95	- 4.1	1.3/21.7	13631	1998 WD ₆	2002 07 22.6	20 07.41	-26 36.5	18.8	-0.87	- 2.3	1.9/21.5	31845
1999 XA ₁₄₆	2002 07 22.4	20 06.31	-19 07.5	22.1	-1.00	- 3.0	0.4/22.6	14801	2000 CQ ₂₆	2002 07 22.6	20 07.42	-17 24.1	19.4	-0.91	- 3.5	0.9/23.2	2735
2000 AO ₂₁₅	2002 07 22.4	20 06.31	-21 34.1	20.3	-0.93	- 4.7	0.5/22.2	26929	1999 UV ₉	2002 07 22.6	20 07.45	-56 31.1	19.7	-1.55	+ 0.4	10.2/16.3	40385
2000 BD ₂₃	2002 07 22.4	20 06.33	-23 14.4	19.1	-0.88	- 0.3	0.9/22.0	31896	1999 TJ ₂₁₉	2002 07 22.6	20 07.46	-26 06.9	18.4	-1.11	- 0.7	2.3/21.8	31870
2000 BO ₂₆	2002 07 22.4	20 06.41	-23 37.3	19.6	-0.89	- 4.4	1.1/21.8	31896	1999 VJ ₄	2002 07 22.6	20 07.47	-28 31.9	18.9	-1.10	- 5.0	3.4/21.0	11626
2001 FQ ₆₄	2002 07 22.4	20 06.41	-36 26.6	18.3	-1.03	- 1.6	6.8/19.6	31943	1999 RE ₃₇	2002 07 22.6	20 07.49	-22 52.9	18.3	-1.11	- 4.5	1.2/22.2	22115
2000 DV ₇₆	2002 07 22.4	20 06.43	-21 54.7	19.5	-0.69	- 1.5	0.4/22.2	15064	2000 AM ₈₆	2002 07 22.7	20 07.43	-19 47.5	19.7	-0.93	- 3.5	0.1/22.8	13645
1999 XH ₇₇	2002 07 22.4	20 06.43	-11 46.3	18.9	-0.89	- 1.0	2.8/23.8	30340	1999 XZ ₁₇₂	2002 07 22.7	20 07.46	-22 02.3	18.4	-0.94	- 0.6	0.6/22.4	31886
1999 RA ₃₁	2002 07 22.4	20 06.48	-51 42.4	19.6	-1.74	+ 1.0	11.5/17.1	1449	2001 FO ₃₀	2002 07 22.7	20 07.55	-04 08.4	19.3	-0.95	- 0.6	5.9/25.3	20838
1999 VQ ₉₃	2002 07 22.4	20 06.49	-22 52.9	20.0	-1.01	- 3.0	0.9/22.0	13623	2000 AL ₅₆	2002 07 22.7	20 07.55	-21 58.8	18.7	-1.00	- 1.8	0.6/22.4	40089
1998 TY ₁₅	2002 07 22.4	20 06.49	+10 28.1	20.3	-0.72	- 1.4	7.5/28.6	31838	2001 FZ ₃₄	2002 07 22.7	20 07.67	-23 36.0	18.7	-1.12	- 0.4	1.4/22.3	12319
1999 TR ₁	2002 07 22.4	20 06.56	-09 33.2	18.5	-0.97	- 3.3	4.3/24.4	31864	2001 FQ ₁₂	2002 07 22.7	20 07.73	-24 10.3	18.2	-0.91	- 3.2	1.5/22.0	13824
2000 AU ₇	2002 07 22.4	20 06.58	-37 27.6	18.2	-1.06	- 6.5	6.3/18.5	13641	1999 XN ₄₄	2002 07 22.7	20 07.79	-27 08.0	19.7	-1.07	- 3.7	2.7/21.5	14160
2000 BD ₁₈	2002 07 22.4	20 06.60	-27 56.6	19.7	-0.87	- 1.9	2.3/21.1	17147	1998 QY ₆₇	2002 07 22.7	20 07.81	-06 09.1	17.0	-0.88	- 2.2	5.6/25.3	31821
2383 T-3	2002 07 22.4	20 06.66	-20 51.8	19.3	-0.86	- 1.8	0.2/22.4	13877	2001 CM ₃₃	2002 07 22.7	20 07.84	-39 43.4	20.6	-1.22	- 2.2	7.0/19.5	18311
1999 UR ₅₁	2002 07 22.5	20 06.60	-11 00.8	18.9	-0.93	- 5.9	4.2/24.4	12185	1997 KU ₁	2002 07 22.8	20 07.78	+00 02.4	20.2	-0.83	- 4.1	6.6/27.1	16757
2000 AR ₁₁₈	2002 07 22.5	20 06.65	-13 54.0	16.6	-0.77	- 8.6	2.2/24.1	31891	2001 HH ₃₂	2002 07 22.8	20 07.79	+02 41.5	19.4	-0.72	- 1.8	6.1/27.3	31947
1998 KV ₂₂	2002 07 22.5	20 06.69	-16 50.8	18.5	-0.99	- 4.6	1.5/23.2	31817	2001 FA ₁₄	2002 07 22.8	20 07.85	-24 49.9	20.1	-1.03	- 3.1	1.6/22.0	13825
2001 FY ₄₄	2002 07 22.5	20 06.78	+03 55.8	20.4	-0.74	- 4.6	7.5/28.3	13830	2001 FN ₁₃₄	2002 07 22.8	20 07.91	-23 17.5	19.9	-0.86	- 2.5	0.9/22.3	20838
2001 HH ₄₂	2002 07 22.5	20 06.81	-21 09.5	18.9	-0.85	- 2.5	0.3/22.4	13466	1999 XO ₁₁₉	2002 07 22.8	20 07.91	-32 21.9	18.4	-1.12	- 3.0	5.2/20.6	13635
2000 DA ₁₈	2002 07 22.5	20 06.84	-20 59.0	20.0	-0.79	- 2.6	0.2/22.4	14398	2001 HQ ₁₂	2002 07 22.8	20 07.94	-05 19.3	19.3	-0.77	- 2.2	4.7/25.6	31946
2094 T-1	2002 07 22.5	20 06.89	-25 24.3	19.7	-1.11	- 3.3	2.1/21.7	12343	1999 WP ₁	2002 07 22.8	20 07.95	-22 29.2	17.0	-1.04	- 4.7	1.0/22.4	31879
1991 AK ₁	2002 07 22.5	20 06.93	-17 41.8	19.4	-0.89	- 2.1	0.7/23.0	14345	1999 VG ₁₁₉	2002 07 22.8	20 08.00	-23 12.5	19.1	-1.06	- 1.9	1.4/22.4	11660
2000 CA	2002 07 22.5	20 06.95	-29 31.5	18.6	-0.84	- 4.9	2.7/20.6	31896	2001 DV ₄₈	2002 07 22.8	20 08.00	-26 35.2	19.7	-0.96	- 5.2	2.3/21.5	17558
2001 DA ₂₉	2002 07 22.5	20 06.99	-19 19.9	18.5	-0.94	- 4.7	0.4/22.8	17553	2001 FR ₂₉	2002 07 22.8	20 08.04	-10 28.0	18.9	-0.83	- 6.6	3.3/25.1	14421
1995 VX ₂	2002 07 22.5	20 07.01	-16 26.9	17.9	-0.88	- 2.9	1.9/23.3	30249	2000 AO ₂₀	2002 07 22.8	20 08.06	-25 59.7	19.7	-0.94	- 2.9	1.9/21.8	27657
2001 DF ₁₆	2002 07 22.5	20 07.01	-28 44.2	18.9	-1.12	- 4.4	3.3/21.0	12294	2000 DN ₇₁	2002 07 22.8	20 08.11	-19 35.2	18.3	-0.82	- 2.5	0.2/23.0	19524
2001 FT ₄₈	2002 07 22.5	20 07.02	-47 20.6	17.3	-1.11	- 0.8	9.3/17.5	13302	2001 HJ ₄₈	2002 07 22.8	20 08.22	-13 49.7	19.1	-0.88	- 7.2	2.1/24.3	13473
3092 T-1	2002 07 22.5	20 07.02	-26 50.1	19.1	-0.91	- 2.1	2.2/21.4	13516	1999 UO ₅₁	2002 07 22.8	20 08.22	-20 57.5	17.1	-0.94	- 7.8	0.4/22.7	2679
2000 XL ₄₉	2002 07 22.5	20 07.03	-32 48.8	18.6	-1.05	- 7.0	4.6/19.8	14417	2001 DQ ₁₀₁	2002 07 22.8	20 08.23	-39 56.9	17.7	-1.08	- 0.1	9.0/19.8	29689
1998 QT ₃₄	2002 07 22.5	20 07.03	-27 14.2	19.1	-1.01	- 3.4	2.5/21.3	13570	1998 HE ₁₄₄	2002 07 22.8	20 08.24	-18 55.8	18.3	-0.98	- 6.9	0.6/23.2	9078
1999 RF ₇₃	2002 07 22.5	20 07.03	-15 10.3	19.4	-1.06	- 2.5	2.1/23.4	12152	1999 ST ₅	2002 07 22.8	20 08.25	-61 56.6	19.6	-1.96	- 1.6	15.2/12.5	13609
1999 UY ₁₇	2002 07 22.6	20 07.00	-22 43.0	20.5	-1.01	- 3.5	0.9/22.2	11616	2001 CA ₁₁	2002 07 22.9	20 08.20	-23 45.4	20.0	-1.02	- 3.9	1.3/22.2	12285
1992 ET ₃₂	2002 07 22.6	20 07.04	-17 34.6	20.0	-0.66	- 1.8	0.6/23.1	31802	2001 FP ₁₅	2002 07 22.9	20 08.28	-32 52.9	18.4	-1.07	- 1.6	5.0/20.8	13825
2001 BK ₇₂	2002 07 22.6	20 07.04	-19 28.7	17.2	-0.85	- 8.4	0.3/22.8	31937	2000 AL ₁₉₆	2002 07 22.9	20 08.32	-11 10.6	19.4	-0.87	- 3.0	2.9/24.6	39581
1997 FM ₂	2002 07 22.6	20 07.05	-30 41.6	18.7	-1.09	- 2.9	3.7/20.7	31809	1998 RT	2002 07 22.9	20 08.32	+03 34.8	17.4	-0.86	- 0.7	10.5/27.3	31824
1999 XR ₁₀₈	2002 07 22.6	20 07.06	-17 47.6	19.8	-1.06	- 2.0	1.0/23.0	6263	2001 BW ₅₀	2002 07 22.9	20 08.38	-20 33.6	16.0	-0.85	-12.7	0.2/22.8	31937
1999 TK ₁₇	2002 07 22.6	20 07.06	-21 19.7	18.9	-1.04	- 2.6	0.4/22.4	13610	1998 HT ₃	2002 07 22.9	20 08.42	-22 48.4	18.1	-0.94	- 6.2	1.3/22.4	10850
1999 RT ₁₅₅	2002 07 22.6	20 07.06	-13 34.7	19.4	-1.05	- 2.5	2.6/23.7	11548	1997 GM ₂₁	2002 07 22.9	20 08.43	-21 52.7	17.2	-0.87	- 2.2	0.8/22.7	31809
1999 WD ₂	2002 07 22.6	20 07.07	-25 59.0	18.7	-0.98	- 4.0	2.3/21.5	13626	1999 TG ₂₀₆	2002 07 22.9	20 08.50	-29 25.9	17.5	-1.00	- 2.6	4.7/21.3	31870
1999 TN ₂₄₄	2002 07 22.6	20 07.10	-33 42.2	19.0	-1.17	- 1.8	5.5/20.4	12178	2000 AH ₂₃₀	2002 07 22.9	20 08.50	-27 54.5	19.6	-0.84	- 3.3	2.2/21.5	31894
1998 SE ₄₈	2002 07 22.6	20 07.11	-43 08.7	19.3	-1.10	- 1.0	8.6/18.6	16851	1999 XE ₈₃	2002 07 22.9	20 08.53	-16 14.5	18.7	-0.94	- 3.1	1.4/23.7	31883

2001 KL ₂	2002 07 22.9	20 08.55	-22 56.2	17.9	-0.79	- 6.5	0.9/22.3	19937	2000 CQ ₆	2002 07 23.3	20 10.04	-08 46.2	18.8	-0.97	+ 3.8	3.7/24.6	23513
1999 TM ₄₆	2002 07 22.9	20 08.64	-33 12.6	17.4	-1.08	- 2.3	6.6/20.7	31865	2001 FF ₈₀	2002 07 23.3	20 10.12	-18 10.6	18.9	-0.93	- 1.1	0.6/23.7	13837
2000 CV ₃₅	2002 07 23.0	20 08.58	-17 20.9	19.6	-0.86	- 4.0	1.0/23.6	26930	2000 AO ₁₃₀	2002 07 23.3	20 10.20	-15 44.1	19.3	-0.91	- 1.2	1.4/24.1	39577
1996 EV ₇	2002 07 23.0	20 08.59	-25 37.4	18.6	-0.93	- 1.9	2.1/22.1	31807	1999 YJ ₅	2002 07 23.3	20 10.23	-31 28.4	20.0	-1.50	+ 3.6	4.5/22.2	38862
1999 RG ₁₇₆	2002 07 23.0	20 08.64	-20 47.4	16.7	-0.98	- 0.6	0.4/22.9	31861	1999 XF ₅₂	2002 07 23.3	20 10.25	-17 09.7	17.3	-0.95	- 1.3	1.5/23.9	2696
2000 BA ₂₆	2002 07 23.0	20 08.71	-24 55.1	19.6	-0.99	- 1.0	1.6/22.3	3503	1999 JJ ₁₄	2002 07 23.3	20 10.27	+11 59.8	17.7	-1.21	+ 4.3	15.6/27.3	9725
1999 XP ₈₅	2002 07 23.0	20 08.77	-17 45.3	19.3	-0.97	- 3.0	0.9/23.5	13051	1999 VF ₁₇₁	2002 07 23.4	20 10.22	-29 38.3	18.4	-1.09	- 4.2	4.4/21.5	20744
2000 CU ₃₁	2002 07 23.0	20 08.80	-10 15.8	19.8	-0.73	- 5.0	2.7/25.2	39590	2001 CL ₃₉	2002 07 23.4	20 10.24	-30 08.9	18.8	-0.99	- 6.3	3.7/21.2	18312
1999 VO ₃₉	2002 07 23.0	20 08.81	-39 11.4	19.7	-1.06	- 4.1	6.2/19.1	12985	1999 XR ₅	2002 07 23.4	20 10.26	-23 21.3	19.9	-1.06	- 4.5	1.3/22.8	38130
1999 TA ₁₃₁	2002 07 23.0	20 08.81	-10 11.2	17.8	-0.97	- 4.4	4.7/25.1	31868	1998 SR ₉	2002 07 23.4	20 10.30	-23 21.3	18.7	-0.89	- 4.5	1.3/22.8	30282
1999 XW ₁₁	2002 07 23.0	20 08.85	-24 28.3	17.2	-1.11	+ 1.3	2.3/22.5	30338	1998 UA	2002 07 23.4	20 10.33	+31 04.7	18.9	-0.91	+ 0.5	15.6/07.1	13583
1999 VC ₂₁₇	2002 07 23.0	20 08.85	-17 17.6	19.2	-0.92	- 4.2	1.0/23.6	31879	1998 FW ₁₄₅	2002 07 23.4	20 10.36	-27 49.6	18.5	-1.03	- 5.2	3.7/21.9	31227
2001 HX ₄₁	2002 07 23.0	20 08.88	-21 47.4	17.9	-0.83	- 3.9	0.6/22.7	13466	2000 YE ₁₃₆	2002 07 23.4	20 10.39	-24 35.5	18.7	-1.11	- 3.3	2.0/22.6	12267
1999 XZ ₂₀	2002 07 23.0	20 08.88	-33 31.0	18.4	-1.20	- 4.7	5.8/20.3	1547	1998 WX ₄₀	2002 07 23.4	20 10.46	-43 46.7	19.0	-1.06	- 3.3	7.4/18.3	16876
1997 CT	2002 07 23.0	20 08.95	-30 05.5	17.2	-1.03	- 1.3	4.4/21.5	12115	2001 BE ₆₉	2002 07 23.4	20 10.51	-24 21.7	19.2	-1.06	- 3.6	1.6/22.7	13808
1999 UE ₁	2002 07 23.0	20 09.06	-25 53.0	17.2	-0.98	- 4.5	2.9/22.0	12181	1998 SP ₁₀	2002 07 23.4	20 10.54	+00 31.6	19.4	-0.83	- 6.2	8.1/28.1	33354
1999 TG ₂₇₃	2002 07 23.0	20 09.10	-37 06.5	19.0	-1.53	+ 5.2	6.6/21.7	3922	2000 VL ₁	2002 07 23.4	20 10.57	-39 26.1	20.5	-1.12	- 6.7	5.3/19.2	14417
1979 MS ₃	2002 07 23.1	20 08.97	-15 33.6	18.6	-0.80	- 1.6	1.6/23.9	31800	2001 FS ₉₈	2002 07 23.4	20 10.63	-43 03.2	17.7	-1.18	- 5.5	8.5/18.0	13839
1998 QQ ₉₉	2002 07 23.1	20 09.01	-19 59.4	17.6	-0.89	- 4.1	0.1/23.1	31823	1993 PV ₈	2002 07 23.4	20 10.63	-15 38.2	18.1	-0.85	- 3.8	1.7/24.4	31803
1999 XQ ₁₈₃	2002 07 23.1	20 09.02	-34 19.6	19.4	-1.02	- 1.9	4.7/20.6	13638	1999 VZ ₁₅₈	2002 07 23.4	20 10.65	-38 47.0	20.0	-1.08	- 2.8	5.7/19.9	16043
2000 AV ₂₃₅	2002 07 23.1	20 09.02	-17 45.3	18.5	-0.85	- 2.5	0.8/23.5	13652	2001 DJ ₅₉	2002 07 23.5	20 10.56	-25 43.6	20.5	-1.08	- 2.2	2.1/22.6	11891
1999 TP ₂₈₄	2002 07 23.1	20 09.03	-28 03.3	17.0	-0.90	- 9.1	4.0/21.1	31871	2001 FH ₁₀₂	2002 07 23.5	20 10.60	-16 11.7	19.8	-1.01	- 1.1	1.5/24.1	31410
1998 RK ₂	2002 07 23.1	20 09.04	-22 20.1	19.2	-0.89	- 4.6	0.8/22.7	16019	1999 TJ ₃₁₂	2002 07 23.5	20 10.61	-16 57.0	20.4	-1.01	- 3.4	1.2/24.1	11609
1999 SL ₁₁	2002 07 23.1	20 09.13	-28 30.5	17.9	-1.03	- 4.5	3.1/21.5	31864	2000 BP ₄₇	2002 07 23.5	20 10.63	-24 06.1	18.5	-0.88	- 2.8	1.4/22.8	30349
2001 FX ₁₇₀	2002 07 23.1	20 09.14	-03 33.8	19.2	-0.82	- 2.6	5.3/26.3	16094	3339 T-1	2002 07 23.5	20 10.64	-29 33.8	19.3	-0.93	- 2.3	3.2/21.8	27868
2001 DC ₂₁	2002 07 23.1	20 09.15	-31 47.9	18.4	-1.14	- 4.4	4.8/20.9	13813	2001 FN ₇₂	2002 07 23.5	20 10.67	-28 16.6	17.9	-0.85	- 3.8	2.9/21.8	23618
2001 DW ₁₄	2002 07 23.1	20 09.19	-17 17.9	20.6	-0.98	- 3.6	1.0/23.7	12294	2000 EV ₅₀	2002 07 23.5	20 10.70	-15 19.6	19.1	-0.79	- 2.3	1.3/24.4	40155
2001 DA ₄₅	2002 07 23.1	20 09.19	-26 10.4	18.9	-1.11	- 1.8	2.5/22.2	11884	1998 FT ₁₁₇	2002 07 23.5	20 10.71	-20 25.7	18.6	-1.09	- 2.1	0.2/23.5	31814
2000 CU ₁₀₁	2002 07 23.1	20 09.30	-12 19.9	18.0	-0.75	- 4.4	2.3/24.8	31899	2000 AW ₂₁₅	2002 07 23.5	20 10.83	-17 27.0	18.4	-0.83	- 2.9	0.8/24.0	31894
1999 TL ₆₅	2002 07 23.1	20 09.35	-16 55.3	19.9	-1.01	- 3.5	1.2/23.8	13611	2000 ET ₁₇₂	2002 07 23.5	20 10.90	-21 04.6	19.5	-0.86	- 2.5	0.3/23.4	13663
1999 XF ₁₇₇	2002 07 23.1	20 09.37	-29 54.3	19.4	-0.99	- 3.6	3.2/21.3	13073	1998 WF	2002 07 23.5	20 10.91	-17 49.6	17.1	-0.92	- 6.3	1.0/24.0	31844
1999 WN ₁₁	2002 07 23.1	20 09.41	-25 43.5	18.4	-1.14	- 2.8	2.3/22.2	38830	2000 VH ₂	2002 07 23.5	20 10.96	-34 04.7	18.4	-1.14	- 9.3	4.8/20.2	13794
2001 DM ₁₃	2002 07 23.2	20 09.37	-27 52.6	19.0	-1.02	- 5.0	3.0/21.6	13813	1998 KZ ₄₅	2002 07 23.5	20 10.97	-16 10.1	17.5	-0.96	- 4.2	1.7/24.3	31817
1995 UW ₅₉	2002 07 23.2	20 09.46	-19 37.0	24.4	-0.99	- 3.0	0.2/23.3	15575	2001 HB ₁₃	2002 07 23.5	20 11.03	+01 40.8	18.7	-0.89	- 2.4	8.4/27.5	13426
1998 WK ₂₂	2002 07 23.2	20 09.47	-13 14.5	18.8	-0.83	- 0.5	2.2/24.3	31846	2000 BL ₅	2002 07 23.5	20 11.03	-34 49.6	20.4	-1.15	+ 0.4	5.1/21.4	17146
2001 FN ₃₅	2002 07 23.2	20 09.48	-31 47.0	19.8	-1.16	- 1.1	4.7/21.4	13828	1994 RT ₁	2002 07 23.6	20 11.00	+07 48.4	18.4	-0.81	- 8.7	12.4/30.9	31805
2001 AP ₂₅	2002 07 23.2	20 09.50	-34 19.0	16.1	-1.73	+11.0	7.9/23.0	14920	2001 FP ₁₀	2002 07 23.6	20 11.00	-14 30.1	18.6	-0.88	- 3.2	2.2/24.7	11970
2000 AO ₅₇	2002 07 23.2	20 09.60	-20 40.0	19.2	-0.94	- 4.5	0.2/23.1	30345	2001 FA ₁₇₉	2002 07 23.6	20 11.16	-37 00.1	20.3	-1.04	- 4.6	5.8/20.1	14930
1999 UJ ₂₀	2002 07 23.2	20 09.73	-24 59.6	20.3	-1.03	- 3.3	1.8/22.4	22121	2000 CE ₅₃	2002 07 23.6	20 11.21	-18 29.8	19.1	-0.80	- 5.4	0.5/24.0	14201
2001 BA ₅₁	2002 07 23.2	20 09.82	-22 43.1	17.9	-0.89	-11.4	1.1/22.6	31937	1998 SR ₅₅	2002 07 23.6	20 11.24	-24 26.1	18.7	-0.93	- 2.8	1.8/22.8	31831
1999 XX ₁₉₁	2002 07 23.2	20 09.83	-28 45.7	20.2	-1.07	- 3.4	3.1/21.7	14383	1999 WB ₄	2002 07 23.6	20 11.29	-26 58.1	19.0	-1.08	- 3.2	2.7/22.4	14155
1999 XU ₁₅₁	2002 07 23.3	20 09.79	-20 50.8	19.6	-0.98	- 1.2	0.3/23.2	2701	1999 TC ₂₆₂	2002 07 23.6	20 11.31	-20 55.2	20.1	-1.01	- 2.5	0.3/23.5	12964
1999 UW ₈	2002 07 23.3	20 09.80	-06 17.0	18.3	-0.98	- 2.6	5.8/25.7	31872	2001 DL	2002 07 23.6	20 11.33	-23 56.5	19.6	-1.04	- 3.8	1.4/22.9	14924
2001 DD ₃₄	2002 07 23.3	20 09.80	-45 19.1	17.6	-1.25	+ 1.5	11.2/19.5	13814	2001 FH ₂₆	2002 07 23.6	20 11.34	-08 33.3	19.6	-0.86	- 3.3	3.7/25.9	13293
2001 HL ₃₄	2002 07 23.3	20 09.81	-07 02.4	19.9	-0.76	- 2.1	4.0/25.8	13454	1999 TE ₁₅₁	2002 07 23.6	20 11.37	-11 59.4	19.9	-0.98	- 3.8	3.0/25.0	12173
2000 EJ ₁₁₀	2002 07 23.3	20 09.82	-24 07.9	18.1	-0.91	- 5.3	1.3/22.5	730	2000 BH ₂₃	2002 07 23.7	20 11.38	-17 51.7	18.7	-1.01	- 2.2	0.8/24.1	39586
1997 BU ₂	2002 07 23.3	20 09.88	-20 37.2	18.9	-0.96	- 5.5	0.2/23.2	12115	2000 YW ₁₂	2002 07 23.7	20 11.41	-14 15.8	17.1	-1.11	-22.9	2.8/25.6	9467
1999 XJ ₁₅₁	2002 07 23.3	20 09.91	-31 05.5	20.9	-0.95	- 2.5	3.0/21.3	38852	2001 FF ₁₀₄	2002 07 23.7	20 11.45	-24 00.4	18.9	-0.97	- 0.6	1.4/23.1	13840
1999 RO ₂₁₀	2002 07 23.3	20 09.95	-12 44.8	17.6	-1.06	+ 0.8	3.7/24.3	31862	1999 XJ ₁₀₂	2002 07 23.7	20 11.46	-20 03.7	17.8	-1.05	- 2.4	0.0/23.7	15053
2001 FQ ₁₆	2002 07 23.3	20 09.97	-23 12.3	19.0	-0.85	- 2.9	1.1/22.8	14421	2000 AX ₂₃₆	2002 07 23.7	20 11.49	-21 49.8	20.1	-0.82	- 1.6	0.5/23.4	7520
1998 FK ₁	2002 07 23.3	20 09.99	-26 37.9	19.0	-1.16	- 1.4	2.8/22.3	30262	2001 DV ₉₅	2002 07 23.7	20 11.49	-21 07.9	17.9	-0.94	- 5.3	0.5/23.5	31941

1999 TU ₂₉₀	2002 07 23.7	20 11.55 -25 40.4 18.4	-0.91 - 4.6	1.8/22.6	31871	2001 FB ₁₈₇	2002 07 24.1	20 13.07 -19 36.7 17.7	-1.00 + 1.8	0.1/24.2	31946
2000 DS ₉₄	2002 07 23.7	20 11.55 -40 57.9 18.4	-1.11 + 1.8	6.3/20.8	40469	1998 SH ₁₁₈	2002 07 24.1	20 13.18 +06 35.6 17.8	-0.66 - 4.0	13.0/31.1	31245
2000 EU ₁₂₀	2002 07 23.7	20 11.57 -15 37.8 19.4	-0.76 - 5.0	1.3/24.7	14223	1991 RJ ₂₀	2002 07 24.1	20 13.20 -18 46.1 17.6	-0.94 - 5.2	0.6/24.4	14345
2000 WZ ₁₅₈	2002 07 23.7	20 11.57 -56 57.5 19.8	-1.79 - 6.8	15.9/13.5	9884	1981 ED ₆	2002 07 24.1	20 13.30 +05 56.3 17.7	-0.69 - 0.9	13.6/30.2	31800
2001 FG ₃₃	2002 07 23.7	20 11.58 +02 14.7 19.3	-0.82 - 3.8	7.7/28.7	13828	1999 XH ₂₃₁	2002 07 24.1	20 13.34 -40 53.5 18.6	-0.95 - 4.5	6.0/19.4	31887
2000 CD ₅₅	2002 07 23.7	20 11.62 -17 24.7 18.5	-0.88 - 0.3	0.9/24.2	13150	1998 SD ₅₄	2002 07 24.1	20 13.38 -25 18.2 18.0	-0.96 - 2.1	2.1/23.2	31831
1999 UR ₂₃	2002 07 23.7	20 11.73 -26 02.8 17.9	-1.14 - 0.9	2.5/22.8	13617	1998 RV ₇₈	2002 07 24.1	20 13.42 -37 11.9 19.0	-1.03 - 3.0	6.2/20.7	31828
2001 BE ₅₁	2002 07 23.7	20 11.73 +01 09.6 18.1	-0.85 - 3.9	8.3/28.5	13807	2001 DA ₁₇	2002 07 24.2	20 13.35 -21 52.1 20.5	-1.04 - 5.2	0.7/23.8	13813
2001 BZ ₃₂	2002 07 23.7	20 11.83 -14 36.3 18.3	-0.90 - 6.0	2.1/25.0	31936	1999 TC ₂₁₃	2002 07 24.2	20 13.36 -17 31.3 19.9	-1.02 - 2.6	0.9/24.6	13615
1998 QN ₄₈	2002 07 23.8	20 11.77 -23 29.5 19.0	-1.07 - 0.9	1.5/23.3	25716	2001 BV ₄₀	2002 07 24.2	20 13.36 -32 11.4 17.3	-1.30 + 4.8	4.7/23.1	31936
1999 VN ₁₄₆	2002 07 23.8	20 11.79 -08 40.4 19.4	-0.92 - 2.8	4.6/25.9	13001	1998 SC ₈₇	2002 07 24.2	20 13.41 +02 39.7 18.8	-0.85 - 2.1	8.9/28.3	31833
2000 AH ₄₈	2002 07 23.8	20 11.89 -13 51.6 18.3	-1.06 + 3.1	2.5/24.5	31889	1999 RY ₁₀₄	2002 07 24.2	20 13.44 -30 02.2 19.0	-1.14 - 2.4	4.1/22.5	31859
2000 BV ₁₄	2002 07 23.8	20 11.94 -34 44.3 18.6	-0.89 - 3.3	4.4/20.8	31895	1998 ST ₁₄₃	2002 07 24.2	20 13.44 -17 12.9 18.9	-0.88 - 2.4	1.0/24.7	31836
2000 XP ₄₅	2002 07 23.8	20 11.96 -56 03.0 19.4	-1.67 - 0.8	12.4/17.8	12260	2000 AB ₅₁	2002 07 24.2	20 13.50 -24 43.2 19.3	-0.97 - 2.6	1.7/23.3	13643
1998 FS ₆₄	2002 07 23.8	20 12.07 -16 19.7 19.0	-1.04 - 4.0	1.6/25.0	1935	1999 VP ₆₆	2002 07 24.2	20 13.54 -08 41.6 18.4	-0.97 - 2.1	5.0/26.1	11647
2001 FC ₁₀₈	2002 07 23.8	20 12.08 -14 06.6 19.1	-0.81 - 4.2	2.1/25.1	13334	2001 FC ₂₃	2002 07 24.2	20 13.55 -34 01.8 19.3	-0.99 - 3.0	4.5/21.5	16092
2002 LW ₄₃	2002 07 23.8	20 12.14 -04 26.0 17.4	-0.89 + 0.3	6.2/26.2	31785	1999 RU ₉₅	2002 07 24.2	20 13.60 -42 10.0 18.4	-1.29 - 1.2	9.2/20.5	12153
1999 XF ₇₆	2002 07 23.8	20 12.22 -19 31.1 19.5	-0.99 - 3.8	0.2/24.0	14162	1999 TK ₁₈₃	2002 07 24.2	20 13.74 -22 58.7 19.6	-1.05 - 5.0	1.3/23.7	12175
1999 VK ₅₀	2002 07 23.9	20 12.18 -26 17.5 19.4	-0.98 - 2.7	2.2/22.8	13621	1999 TK ₁₇₇	2002 07 24.2	20 13.75 -14 48.2 18.8	-0.94 - 3.2	1.8/25.2	31869
1999 VB ₃₀	2002 07 23.9	20 12.18 -15 33.6 19.2	-0.89 - 2.7	1.5/24.7	13620	1996 HE ₁₆	2002 07 24.2	20 13.79 -26 38.9 18.6	-0.88 - 2.9	2.4/23.0	13546
1998 RM ₄₃	2002 07 23.9	20 12.26 -16 20.4 19.6	-0.92 - 2.5	1.3/24.6	30278	2000 AQ ₁₇₅	2002 07 24.3	20 13.86 -05 27.3 17.2	-1.02 - 0.6	6.8/26.4	2722
2000 AF ₂₅₄	2002 07 23.9	20 12.26 -20 36.3 19.4	-0.93 - 2.5	0.2/23.8	19491	1999 VN ₇₂	2002 07 24.3	20 13.87 -09 02.7 17.1	-0.93 - 1.7	5.2/26.2	31876
1999 XX ₁₅₃	2002 07 23.9	20 12.36 -13 15.8 19.7	-0.90 - 4.6	2.3/25.3	1557	2000 AO ₁₃₂	2002 07 24.3	20 13.90 -27 21.6 18.5	-0.87 - 1.8	2.3/23.0	31892
2000 AR ₁₆₅	2002 07 23.9	20 12.37 -14 16.7 19.1	-0.89 - 6.2	1.8/25.0	16046	1998 HE ₇₄	2002 07 24.3	20 13.94 -19 32.1 17.6	-0.94 - 4.5	0.2/24.4	30269
1999 XT ₂₄₁	2002 07 23.9	20 12.42 -09 00.2 17.9	-0.96 - 3.2	4.7/25.9	13640	2001 FX ₇₉	2002 07 24.3	20 13.99 -21 21.4 19.6	-1.00 - 1.1	0.5/24.1	13837
1999 TP ₁₂₂	2002 07 23.9	20 12.43 -13 19.1 19.0	-1.00 - 5.0	2.8/25.0	12172	1999 VG ₉₃	2002 07 24.3	20 14.04 -25 27.1 18.2	-1.06 - 2.7	2.4/23.4	13623
1999 YL ₉	2002 07 23.9	20 12.47 -20 50.9 19.4	-0.92 - 1.2	0.3/23.8	31888	1989 CA ₆	2002 07 24.3	20 14.07 -29 02.2 17.5	-0.97 + 1.2	2.8/23.1	31801
2000 WW ₅₅	2002 07 23.9	20 12.51 -27 42.7 19.3	-1.02 - 3.4	2.6/22.5	13797	1999 TG ₁₀	2002 07 24.3	20 14.14 -22 41.3 18.4	-1.02 - 2.6	1.0/23.9	31864
1999 XR ₁₇₇	2002 07 23.9	20 12.52 -30 00.8 18.8	-0.89 - 5.3	3.2/21.8	31886	1999 RM ₁₇₆	2002 07 24.3	20 14.22 -23 09.1 17.5	-1.04 - 0.5	1.8/23.9	10395
2000 FA ₁₃	2002 07 23.9	20 12.52 -42 11.2 18.8	-0.95 - 3.5	6.1/19.1	17230	1998 SX ₁₃₄	2002 07 24.3	20 14.23 -36 13.4 17.8	-1.05 - 2.6	6.2/21.1	31836
1999 VJ ₁₇₃	2002 07 23.9	20 12.59 -25 28.3 19.8	-1.00 - 4.3	2.0/22.9	14378	1999 XZ ₁₂₁	2002 07 24.4	20 14.13 -24 26.6 18.4	-1.16 + 0.5	2.5/23.7	691
1998 WL ₁₆	2002 07 24.0	20 12.55 -33 07.9 19.3	-0.87 - 4.0	3.8/21.2	31846	1999 TZ ₂₇	2002 07 24.4	20 14.22 -37 11.9 19.8	-1.00 - 2.9	4.8/21.0	14375
2001 BX ₇₀	2002 07 24.0	20 12.60 -15 20.4 18.1	-1.03 - 4.9	2.0/25.0	12281	1997 AE ₇	2002 07 24.4	20 14.28 -14 04.2 18.0	-0.95 - 4.4	2.2/25.6	14351
1997 GV ₂₈	2002 07 24.0	20 12.63 -21 22.3 18.2	-1.02 - 3.0	0.6/23.8	1919	1999 UP ₈	2002 07 24.4	20 14.29 -23 24.6 19.2	-1.08 - 3.2	1.4/23.8	2676
2001 AR ₁₆₅	2002 07 24.0	20 12.65 -18 46.4 20.1	-0.99 - 3.6	0.4/24.2	12299	2001 BX ₁₄	2002 07 24.4	20 14.29 -21 27.1 18.7	-1.00 - 1.8	0.6/24.2	12273
2001 FQ ₃₅	2002 07 24.0	20 12.71 -14 27.5 19.6	-0.94 - 4.5	2.1/25.1	14421	1999 XR ₁₁₆	2002 07 24.4	20 14.30 -30 26.9 18.5	-1.11 - 2.8	5.0/22.4	11712
2001 DO ₇₅	2002 07 24.0	20 12.73 -17 04.7 20.0	-1.02 - 3.0	1.2/24.6	31941	1999 TL ₁₄₃	2002 07 24.4	20 14.31 -23 51.1 19.0	-1.10 - 1.7	1.6/23.8	14141
1999 VE ₆₂	2002 07 24.0	20 12.78 -19 04.3 20.4	-1.01 - 3.1	0.3/24.2	12990	2001 FU ₁₀₉	2002 07 24.4	20 14.32 -18 59.1 19.4	-0.96 - 1.7	0.3/24.6	12075
2000 AS ₄₀	2002 07 24.0	20 12.81 -25 12.5 18.9	-0.95 - 2.0	1.8/23.1	13643	2001 DC ₉₀	2002 07 24.4	20 14.39 +02 41.5 18.5	-0.86 - 3.6	8.1/29.4	31941
1989 YC ₆	2002 07 24.0	20 12.81 -13 07.5 17.5	-0.98 - 5.6	3.1/25.0	31801	2000 AG ₂₄₂	2002 07 24.4	20 14.41 -05 52.2 19.6	-0.78 - 0.6	3.7/26.9	40444
2000 WR ₂₉	2002 07 24.0	20 12.90 -08 42.0 16.8	-1.13 + 3.4	3.7/25.3	31923	1999 VV ₁₉₈	2002 07 24.4	20 14.42 -09 58.9 18.6	-0.90 - 6.4	4.8/26.7	17088
4213 T-2	2002 07 24.0	20 12.90 -19 38.9 18.9	-1.02 - 4.2	0.1/24.1	38741	1999 VO ₁₀	2002 07 24.4	20 14.46 -12 23.4 17.9	-1.01 - 0.3	3.4/25.6	31874
1999 TT ₄₀	2002 07 24.0	20 12.91 -33 20.5 19.4	-1.20 - 3.5	5.6/21.5	14139	1991 RW ₂₁	2002 07 24.4	20 14.50 -31 02.6 17.9	-1.21 - 0.7	4.4/22.7	3867
1999 JH ₈	2002 07 24.0	20 12.96 +22 37.9 18.1	-1.08 - 2.7	18.5/04.1	31854	2000 DA ₈₀	2002 07 24.4	20 14.52 -30 58.5 18.9	-0.97 - 0.2	3.7/22.7	26933
1995 BQ ₅	2002 07 24.0	20 13.01 -20 42.6 21.8	-0.88 - 3.1	0.2/23.9	9036	2000 BC ₂₃	2002 07 24.4	20 14.54 -18 06.4 18.3	-0.77 - 2.5	0.5/24.8	31896
1998 QL ₄₁	2002 07 24.1	20 12.94 -32 22.2 18.2	-1.16 0.0	4.6/22.1	31820	1999 VK ₅₅	2002 07 24.5	20 14.56 -19 10.8 19.9	-1.01 - 3.1	0.2/24.6	14149
1999 TE ₁₁₁	2002 07 24.1	20 12.96 -22 54.4 19.3	-1.14 - 0.3	1.3/23.7	12952	2001 AR ₄₆	2002 07 24.5	20 14.56 -58 18.2 18.2	-1.70 + 0.2	13.4/18.2	13805
1999 RV ₂₆	2002 07 24.1	20 12.98 -21 59.6 18.7	-1.03 - 3.6	1.1/23.7	27630	1998 RP ₆₁	2002 07 24.5	20 14.60 -28 34.9 19.1	-1.02 - 1.9	2.8/22.9	25718
1999 XQ ₂₀₄	2002 07 24.1	20 13.00 -28 08.8 18.9	-1.03 + 0.1	2.6/22.9	31313	2000 AP ₉₃	2002 07 24.5	20 14.61 -21 52.0 18.0	-1.06 - 5.7	0.9/24.1	31890
1998 ST ₆₆	2002 07 24.1	20 13.00 -07 34.4 17.3	-0.76 - 5.0	5.4/26.9	31832	1999 VR ₁₈₈	2002 07 24.5	20 14.71 -31 10.1 17.9	-0.98 - 5.5	4.3/22.1	31879
2000 XR ₄₂	2002 07 24.1	20 13.01 -22 52.6 18.5	-1.52 + 6.7	1.4/23.9	18307	1999 TJ ₁₇	2002 07 24.5	20 14.71 +10 27.9 19.3	-0.90 - 3.7	9.3/31.3	14375

1999 RM ₇	2002 07 24.5	20 14.71	-33 34.6	19.5	-1.20	- 1.7	5.7/22.2	11532	2000 AT ₁₀₂	2002 07 24.8	20 16.17	-27 49.3	19.4	-0.93	- 5.6	2.5/23.1	14388
1999 VE ₁₆₀	2002 07 24.5	20 14.72	-25 18.9	19.4	-1.03	- 3.0	1.9/23.5	13624	2001 FP	2002 07 24.8	20 16.17	-12 23.3	18.4	-0.77	- 7.1	2.6/26.7	22770
3356 T-2	2002 07 24.5	20 14.79	-26 30.4	19.1	-0.97	- 2.7	2.0/23.3	1667	1999 RP ₂₁₃	2002 07 24.8	20 16.21	-23 48.7	19.8	-1.10	- 1.6	1.4/24.2	12938
2001 FC ₉₅	2002 07 24.5	20 14.85	-29 14.0	19.7	-1.05	- 4.4	3.5/22.7	13330	1997 JO ₁₃	2002 07 24.9	20 16.12	-44 08.2	18.0	-1.10	- 5.0	9.2/19.1	13552
1999 XB ₁₁₅	2002 07 24.5	20 14.89	-29 53.6	17.7	-1.14	+ 1.5	3.8/23.3	13634	1998 TU ₃₀	2002 07 24.9	20 16.20	-36 12.1	18.3	-0.91	- 2.3	4.6/21.7	13582
2000 CX ₃₃	2002 07 24.5	20 14.90	-12 58.5	20.2	-0.73	- 4.4	1.7/26.1	2735	1999 VB ₂₇	2002 07 24.9	20 16.21	-17 36.9	19.4	-0.90	- 2.9	0.7/25.3	16042
2001 FE ₁₄	2002 07 24.5	20 14.91	-29 38.7	20.1	-1.08	- 2.2	3.6/22.8	15095	1999 XB ₁₇₇	2002 07 24.9	20 16.36	-35 35.7	18.9	-1.01	- 3.7	5.4/21.6	13073
6290 P-L	2002 07 24.5	20 14.93	-12 12.0	17.9	-0.98	- 3.8	3.8/26.1	39498	1998 SK ₂₁	2002 07 24.9	20 16.45	+01 14.7	18.0	-0.77	- 5.4	8.6/30.2	31829
1999 VK ₇	2002 07 24.5	20 14.95	-27 06.0	19.7	-0.99	- 3.9	2.5/23.1	15051	1999 TJ ₁₁₄	2002 07 24.9	20 16.55	-11 54.6	18.9	-0.99	- 4.2	3.1/26.5	13612
1999 XW ₆₀	2002 07 24.5	20 14.96	-18 16.3	19.3	-0.94	- 3.6	0.6/24.9	11699	2001 BG ₃₅	2002 07 24.9	20 16.56	-12 48.1	18.6	-0.98	- 6.2	2.8/26.5	31936
1999 XV ₁₉₆	2002 07 24.5	20 14.97	-36 03.3	18.6	-1.03	- 6.1	6.1/20.7	13077	1123 T-3	2002 07 24.9	20 16.57	-28 05.0	18.1	-0.94	- 0.4	3.0/23.6	39504
2000 CD ₁₈	2002 07 24.5	20 14.99	-14 12.6	19.4	-0.87	- 3.9	1.9/25.7	27659	1999 XJ ₅₉	2002 07 25.0	20 16.56	-15 58.9	19.7	-0.92	- 2.3	1.2/25.7	38839
1998 YZ	2002 07 24.6	20 15.00	-09 10.9	17.8	-0.86	+ 1.5	3.9/26.1	31250	1998 QW ₃₅	2002 07 25.0	20 16.57	-25 08.5	17.5	-0.99	- 1.4	2.3/24.1	31820
1999 TX ₁₉₀	2002 07 24.6	20 15.05	-24 06.5	18.5	-1.22	+ 4.2	2.0/24.2	19459	1993 FN ₄₉	2002 07 25.0	20 16.61	-21 15.1	18.5	-0.96	- 2.9	0.6/24.7	31803
2001 FS ₁₂₆	2002 07 24.6	20 15.09	+08 26.2	18.6	-0.82	- 7.0	10.1/01.3	13340	1998 QP ₈₇	2002 07 25.0	20 16.62	-06 08.5	18.0	-0.96	+ 1.4	5.7/26.8	15031
1999 UG ₄₆	2002 07 24.6	20 15.14	-31 15.2	18.7	-1.11	- 0.1	5.7/22.8	10920	2000 ET ₇₅	2002 07 25.0	20 16.66	-38 36.5	18.5	-1.17	- 2.6	6.5/21.2	9323
1997 QS ₂	2002 07 24.6	20 15.14	-26 48.0	18.5	-0.82	- 3.4	2.0/23.2	616	1998 FE ₈₀	2002 07 25.0	20 16.81	-16 22.8	18.6	-0.96	- 6.7	1.6/25.8	9070
2001 FU ₅₅	2002 07 24.6	20 15.22	-27 12.5	20.3	-0.99	- 4.1	2.5/23.2	13309	1999 XO ₂₅₇	2002 07 25.0	20 16.83	-32 20.2	18.5	-1.01	- 5.0	4.4/22.3	13640
2001 HK ₄₀	2002 07 24.6	20 15.23	-21 42.2	17.8	-0.78	- 5.8	0.6/24.2	13463	2000 AZ ₃₇	2002 07 25.0	20 16.86	-22 26.3	18.6	-0.95	- 2.7	1.0/24.6	31889
2000 DR ₄₅	2002 07 24.6	20 15.28	-06 28.9	18.7	-0.77	- 5.3	4.6/27.7	31900	5068 T-3	2002 07 25.0	20 17.00	-36 57.6	19.7	-1.05	- 4.2	5.7/21.4	13878
2001 CD ₁₉	2002 07 24.6	20 15.32	-34 41.0	17.3	-1.09	- 0.8	6.8/22.2	12287	2000 EQ ₁₅₆	2002 07 25.1	20 16.92	-40 43.3	19.8	-0.97	- 2.6	5.7/20.8	31904
2001 CN ₄₄	2002 07 24.6	20 15.38	-39 39.8	18.3	-1.02	- 4.7	6.8/20.4	12291	1999 RP ₂₄₇	2002 07 25.1	20 16.93	-29 56.8	16.9	-1.05	- 5.4	5.4/22.8	31863
2001 BM ₄₅	2002 07 24.7	20 15.32	-20 07.3	19.0	-1.06	- 0.6	0.1/24.7	12277	2001 EE ₂₄	2002 07 25.1	20 16.99	-19 52.9	19.9	-0.98	- 3.0	0.1/25.1	14929
1999 RL ₂₄₁	2002 07 24.7	20 15.32	-15 21.5	19.4	-1.03	- 3.6	1.8/25.5	14375	2000 CE ₄₁	2002 07 25.1	20 17.00	-09 01.0	18.5	-0.76	- 7.4	3.6/27.8	31897
2000 YN ₃₄	2002 07 24.7	20 15.38	-12 00.2	19.0	-0.88	- 5.3	2.5/26.4	13801	1997 GC ₁₈	2002 07 25.1	20 17.05	-09 51.7	19.6	-0.88	- 4.3	3.7/27.2	16754
1999 UR ₃₈	2002 07 24.7	20 15.43	-07 38.2	17.2	-0.99	- 0.4	5.7/26.7	31873	1999 TR ₁₆₅	2002 07 25.1	20 17.05	-14 00.3	18.5	-1.03	- 1.3	2.3/26.1	12174
1998 RF ₄₂	2002 07 24.7	20 15.47	-08 56.4	19.7	-0.84	- 3.1	3.3/26.8	30278	1993 BV ₅	2002 07 25.1	20 17.06	-24 46.8	17.8	-1.07	- 0.5	2.1/24.3	30243
2000 AZ ₆₉	2002 07 24.7	20 15.48	-18 59.2	20.6	-0.92	- 4.2	0.3/24.9	2273	1998 SV ₁₆₆	2002 07 25.1	20 17.11	-26 45.1	19.6	-0.97	- 1.4	2.4/23.9	16858
1999 WT ₁₀	2002 07 24.7	20 15.52	-24 10.7	20.6	-0.97	- 4.0	1.6/23.9	38127	2001 HT ₆₅	2002 07 25.1	20 17.15	+11 21.8	18.9	-0.75	- 0.6	9.1/31.5	31947
2000 ES ₁₆₆	2002 07 24.7	20 15.55	-22 14.4	20.0	-0.78	- 5.1	0.7/24.2	18245	1998 QJ ₉₀	2002 07 25.1	20 17.18	-14 51.4	19.3	-0.96	+ 0.4	1.5/25.9	30276
2001 DU ₁₀₁	2002 07 24.7	20 15.59	-27 11.4	19.5	-1.03	- 3.8	2.8/23.3	11920	2000 AL ₁₂₅	2002 07 25.1	20 17.20	-17 50.2	18.9	-0.95	+ 0.2	0.6/25.4	40437
1999 YC ₁₄	2002 07 24.7	20 15.60	-18 33.2	18.6	-0.85	- 3.6	0.4/25.0	31888	1998 DB	2002 07 25.1	20 17.28	-21 15.7	17.1	-1.02	- 4.8	0.8/24.9	31811
1999 TW ₉₀	2002 07 24.7	20 15.60	-32 53.7	17.4	-0.98	- 5.8	6.9/21.8	15050	1999 TB ₂₂₄	2002 07 25.1	20 17.31	-26 58.2	18.4	-1.20	- 0.7	2.9/24.0	31870
2001 FT ₁₈₀	2002 07 24.7	20 15.69	-37 05.4	17.9	-0.95	- 3.3	5.9/21.2	22774	2000 ES ₁₂₁	2002 07 25.1	20 17.41	-52 13.3	20.0	-1.23	+ 0.6	8.2/19.4	20759
1999 TK ₃₄	2002 07 24.7	20 15.70	-17 30.5	18.0	-1.01	- 6.8	1.1/25.0	11571	1999 VJ ₁₄₅	2002 07 25.2	20 17.31	-10 52.3	19.9	-1.03	- 3.5	3.6/26.8	40081
2001 BY ₅₈	2002 07 24.7	20 15.74	-18 57.8	19.8	-0.98	- 4.5	8.9/14.0	13807	1999 XN ₁₀₅	2002 07 25.2	20 17.33	-30 31.1	17.4	-1.10	- 3.9	4.4/23.0	31884
2000 BW ₅	2002 07 24.7	20 15.76	-40 05.9	20.2	-1.09	- 4.0	6.7/20.3	19493	1999 TA ₁₉₇	2002 07 25.2	20 17.36	-42 12.1	19.7	-1.17	- 1.7	7.5/21.0	13614
1999 UY ₂₅	2002 07 24.7	20 15.77	-10 16.0	18.6	-0.98	- 2.3	3.7/26.5	13617	2001 HT ₄₆	2002 07 25.2	20 17.38	-09 45.2	18.5	-0.76	- 2.0	3.1/27.1	31413
2000 EG ₂₈	2002 07 24.7	20 15.79	-27 04.8	18.2	-0.81	- 5.1	2.2/23.1	14837	2001 HC ₅₁	2002 07 25.2	20 17.45	-03 12.5	18.0	-0.78	- 1.6	6.1/28.4	31947
1998 FX ₇₈	2002 07 24.8	20 15.72	-13 20.8	16.8	-0.87	- 7.9	3.2/26.4	31813	2001 FP ₆₄	2002 07 25.2	20 17.47	-15 52.6	19.4	-0.88	- 4.2	1.3/26.0	13313
1999 RE ₁₆₀	2002 07 24.8	20 15.75	-23 59.0	19.0	-1.09	- 6.0	1.8/23.9	12935	1998 SK ₁₁₁	2002 07 25.2	20 17.52	-21 08.2	19.2	-0.91	- 2.6	0.5/25.0	31834
1999 BV ₂₇	2002 07 24.8	20 15.77	-30 23.4	18.9	-0.83	- 3.9	2.8/22.5	31850	1999 RY ₂₃₅	2002 07 25.2	20 17.56	-25 31.1	18.0	-1.06	- 8.0	2.4/23.9	13608
2001 EA ₈	2002 07 24.8	20 15.78	-22 21.8	19.8	-0.94	- 3.8	0.9/24.3	13820	2001 CF ₉	2002 07 25.2	20 17.56	-24 55.9	20.0	-1.06	- 3.1	2.0/24.3	20836
2001 JT ₃	2002 07 24.8	20 15.81	-35 06.9	17.9	-0.90	- 4.5	4.4/21.4	31948	1999 XR	2002 07 25.2	20 17.57	-23 17.5	20.2	-0.88	- 4.8	1.2/24.5	7515
1999 TW ₂₃₉	2002 07 24.8	20 15.90	-29 25.1	18.0	-1.04	- 5.5	4.1/22.8	13615	2001 FE ₂₈	2002 07 25.2	20 17.63	-28 43.5	16.5	-0.92	- 4.8	4.4/23.3	11988
2000 AS ₂₃₀	2002 07 24.8	20 15.93	-17 39.1	18.7	-0.86	- 4.3	0.7/25.3	20747	1998 RR ₆₃	2002 07 25.2	20 17.64	-15 23.7	18.6	-0.85	- 4.8	1.5/26.2	13575
2000 YQ ₁₁₇	2002 07 24.8	20 15.97	-22 12.7	18.3	-1.02	- 5.8	1.0/24.3	11021	2000 DK ₆₈	2002 07 25.2	20 17.65	-25 19.9	18.9	-0.84	- 2.0	1.6/24.2	5708
1999 VP ₉₀	2002 07 24.8	20 15.98	-10 32.4	18.9	-0.95	- 3.2	3.3/26.6	13623	2000 AZ ₈₆	2002 07 25.2	20 17.74	-18 20.2	18.3	-0.77	- 5.0	0.4/25.6	13645
1997 EO ₃₂	2002 07 24.8	20 16.00	-18 39.5	18.1	-0.88	- 3.3	0.5/25.1	31808	1999 TS ₁₀₄	2002 07 25.2	20 17.76	-21 27.2	17.9	-1.01	- 0.4	0.9/25.0	10435
2001 DW ₄₃	2002 07 24.8	20 16.02	-19 28.3	20.4	-1.04	- 2.9	8.8/14.0	11883	1999 VL ₈₂	2002 07 25.2	20 17.78	-22 18.3	17.9	-0.91	- 4.3	1.4/24.8	10504
1998 QY ₆₀	2002 07 24.8	20 16.15	-04 05.2	18.5	-0.83	- 6.5	5.6/28.6	30275	1997 AU ₁₈	2002 07 25.3	20 17.71	-24 59.6	18.3	-1.00	- 6.2	2.1/24.1	31808